

# LG

**Multi V Outdoor Unit**

**Heat Recovery + Heat Pump**

**MFL67474086**

# TOTAL HVAC SOLUTION PROVIDER

**ENGINEERING PRODUCT DATA BOOK**

# Multi V Outdoor Unit General Information

**Model Line Up**

**Combination of Outdoor Units**

## 1. Model Line Up

| Product   | Phase | Chassis               | Capacity Index | Model Name  |
|-----------|-------|-----------------------|----------------|-------------|
|           |       |                       | HP             |             |
| Multi V i | 3     | UXA                   | 8              | ARUM080LTE6 |
|           |       |                       | 10             | ARUM100LTE6 |
|           |       |                       | 12             | ARUM120LTE6 |
|           |       | UXB                   | 14             | ARUM140LTE6 |
|           |       |                       | 16             | ARUM160LTE6 |
|           |       |                       | 18             | ARUM180LTE6 |
|           |       |                       | 20             | ARUM200LTE6 |
|           |       | UXC                   | 22             | ARUM220LTE6 |
|           |       |                       | 24             | ARUM240LTE6 |
|           |       |                       | 26             | ARUM260LTE6 |
|           |       | UXB + UXA             | 28             | ARUM280LTE6 |
|           |       |                       | 30             | ARUM300LTE6 |
|           |       |                       | 32             | ARUM320LTE6 |
|           |       | UXB + UXB             | 34             | ARUM340LTE6 |
|           |       |                       | 36             | ARUM360LTE6 |
|           |       |                       | 38             | ARUM380LTE6 |
|           |       |                       | 40             | ARUM400LTE6 |
|           |       | UXC + UXB             | 42             | ARUM420LTE6 |
|           |       |                       | 44             | ARUM440LTE6 |
|           |       | UXC + UXC             | 46             | ARUM460LTE6 |
|           |       |                       | 48             | ARUM480LTE6 |
|           |       | UXB + UXB + UXA       | 50             | ARUM500LTE6 |
|           |       |                       | 52             | ARUM520LTE6 |
|           |       | UXB + UXB + UXB       | 54             | ARUM540LTE6 |
|           |       |                       | 56             | ARUM560LTE6 |
|           |       |                       | 58             | ARUM580LTE6 |
|           |       |                       | 60             | ARUM600LTE6 |
|           |       | UXC + UXB + UXB       | 62             | ARUM620LTE6 |
|           |       |                       | 64             | ARUM640LTE6 |
|           |       | UXC + UXC + UXB       | 66             | ARUM660LTE6 |
|           |       |                       | 68             | ARUM680LTE6 |
|           |       | UXB + UXB + UXB + UXA | 70             | ARUM700LTE6 |
|           |       |                       | 72             | ARUM720LTE6 |
|           |       | UXB + UXB + UXB + UXB | 74             | ARUM740LTE6 |
|           |       |                       | 76             | ARUM760LTE6 |
|           |       |                       | 78             | ARUM780LTE6 |
|           |       |                       | 80             | ARUM800LTE6 |
|           |       | UXC + UXC + UXB + UXB | 82             | ARUM820LTE6 |
|           |       |                       | 84             | ARUM840LTE6 |
|           |       |                       | 86             | ARUM860LTE6 |
|           |       |                       | 88             | ARUM880LTE6 |
|           |       | UXC + UXC + UXC + UXB | 90             | ARUM900LTE6 |

## 1. Model Line Up

| Product   | Phase | Chassis                        | Capacity Index | Model Name  |
|-----------|-------|--------------------------------|----------------|-------------|
|           |       |                                | HP             |             |
| Multi V i | 3     | UXC +<br>UXC +<br>UXC +<br>UXC | 92             | ARUM920LTE6 |
|           |       |                                | 94             | ARUM940LTE6 |
|           |       |                                | 96             | ARUM960LTE6 |

\* The capacity index may differ from actual capacity values.



## 2. Combination of Outdoor Units

| Model Name  | Combination Unit |             |             |             |
|-------------|------------------|-------------|-------------|-------------|
|             | Unit 1           | Unit 2      | Unit 3      | Unit 4      |
| ARUM280LTE6 | ARUM160LTE6      | ARUM120LTE6 | -           | -           |
| ARUM300LTE6 | ARUM180LTE6      | ARUM120LTE6 | -           | -           |
| ARUM320LTE6 | ARUM200LTE6      | ARUM120LTE6 | -           | -           |
| ARUM340LTE6 | ARUM200LTE6      | ARUM140LTE6 | -           | -           |
| ARUM360LTE6 | ARUM200LTE6      | ARUM160LTE6 | -           | -           |
| ARUM380LTE6 | ARUM200LTE6      | ARUM180LTE6 | -           | -           |
| ARUM400LTE6 | ARUM200LTE6      | ARUM200LTE6 | -           | -           |
| ARUM420LTE6 | ARUM220LTE6      | ARUM200LTE6 | -           | -           |
| ARUM440LTE6 | ARUM240LTE6      | ARUM200LTE6 | -           | -           |
| ARUM460LTE6 | ARUM240LTE6      | ARUM220LTE6 | -           | -           |
| ARUM480LTE6 | ARUM240LTE6      | ARUM240LTE6 | -           | -           |
| ARUM500LTE6 | ARUM200LTE6      | ARUM180LTE6 | ARUM120LTE6 | -           |
| ARUM520LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM120LTE6 | -           |
| ARUM540LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM140LTE6 | -           |
| ARUM560LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM160LTE6 | -           |
| ARUM580LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM180LTE6 | -           |
| ARUM600LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | -           |
| ARUM620LTE6 | ARUM220LTE6      | ARUM200LTE6 | ARUM200LTE6 | -           |
| ARUM640LTE6 | ARUM240LTE6      | ARUM200LTE6 | ARUM200LTE6 | -           |
| ARUM660LTE6 | ARUM240LTE6      | ARUM220LTE6 | ARUM200LTE6 | -           |
| ARUM680LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM200LTE6 | -           |
| ARUM700LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM180LTE6 | ARUM120LTE6 |
| ARUM720LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | ARUM120LTE6 |
| ARUM740LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | ARUM140LTE6 |
| ARUM760LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | ARUM160LTE6 |
| ARUM780LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | ARUM180LTE6 |
| ARUM800LTE6 | ARUM200LTE6      | ARUM200LTE6 | ARUM200LTE6 | ARUM200LTE6 |
| ARUM820LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM200LTE6 | ARUM140LTE6 |
| ARUM840LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM200LTE6 | ARUM160LTE6 |
| ARUM860LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM200LTE6 | ARUM180LTE6 |
| ARUM880LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM200LTE6 | ARUM200LTE6 |
| ARUM900LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM220LTE6 | ARUM200LTE6 |
| ARUM920LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM220LTE6 | ARUM220LTE6 |
| ARUM940LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM240LTE6 | ARUM220LTE6 |
| ARUM960LTE6 | ARUM240LTE6      | ARUM240LTE6 | ARUM240LTE6 | ARUM240LTE6 |

### 3. Indoor Unit and Outdoor Unit Capacity Index

#### 3.1 Indoor Unit Selection

See the indoor unit capacity tables for given Indoor and Outdoor temperature. Select the unit whose capacity is the nearest to or greater than given load.

##### Note

Individual Indoor Unit capacity is subject to change by combination.  
Actual capacity has to be calculated according to the combination by using Outdoor unit capacity table.

#### 3.2 Outdoor Unit Selection

Allowable combinations are indicated below. In general, outdoor unit can be selected depending on the location of the unit, zoning and usage of the rooms.

The indoor and outdoor unit combination is determined by comparing the sum of indoor unit capacity index with each Outdoor Unit. It is recommended to be the nearest to 100% combination ratio or to be smaller than that. Refer the table below. To manage cooling/heating load properly, it's better to be selected the bigger capacity outdoor unit rather than the nearest, if the installation space is large enough.

#### ■ Combination Ratio

| Line up   | Outdoor Unit Type         | Number of Outdoor Units | Total Combination ratio |
|-----------|---------------------------|-------------------------|-------------------------|
| Multi V i | Heat Pump & Heat recovery | Single Unit             | 50 ~ 130 % (200%)       |
|           |                           | Two Units               | 50 ~ 130 % (160%)       |
|           |                           | Three or Four Units     | 50 ~ 130 %              |

##### Note

1. The combination ratio is defined as the sum of indoor unit nominal capacity (kW) divided by the outdoor rated cooling capacity (kW).
2. LG guarantees the operation only within a maximum combination ratio of 130%.
3. If the client wants to go beyond 130%, please contact the local subsidiary and discuss the requirements. Please be aware that going over 130% may result in poor performance. If the total operating ratio of indoor unit exceeds 130%, the indoor unit is operated in low fan speed mode.
4. In case of 1:1 installation (i.e. one outdoor unit with one special indoor unit), combination ratio cannot be exceed 105%.
5. For systems where special indoor units are involved, please refer to "Table. Combination Ratio for System with Special Indoor Units" in indoor unit PDB

#### ■ INDOOR UNIT CAPACITY INDEX

| Unit Capacity (Btu/h) | 5k  | 7k  | 9k  | 12k | 15k | 18k | 21k | 24k | 28k | 30k | 36k  | 42k  | 48k  | 54k  | 60k  | 76k  | 96k  |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| Capacity Index        | 1.6 | 2.2 | 2.8 | 3.6 | 4.5 | 5.6 | 6.2 | 7.1 | 8.2 | 9.0 | 10.6 | 12.3 | 14.1 | 15.8 | 17.5 | 22.4 | 28.0 |

\* Capacity Index is same as the capacity(kW).

## Product Data

### Multi V i

## **Multi V i**

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- 2. List of Functions**
- 3. Accessory Compatibility List**
- 4. Dimensions**
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## 1. Specifications

### 1.1 Product

ARUM080LTE6

| Category                      |                                             | Unit         | Specification                               |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                       |              |                                             |
| Classification                | Chassis                                     | -            | UXA                                         |
|                               | Combination Unit (1)                        | -            | ARUM080LTE6                                 |
|                               | Combination Unit (2)                        | -            | -                                           |
|                               | Combination Unit (3)                        | -            | -                                           |
|                               | Combination Unit (4)                        | -            | -                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                   |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 9.97 - 9.47 - 9.13                          |
|                               | Running Current by Voltage (Heating, Rated) | A            | 8.43 - 8.01 - 7.72                          |
| Cooling Capacity              | Rated                                       | kW           | 22.4                                        |
|                               |                                             | Btu/h        | 76,400                                      |
| Heating Capacity              | Rated                                       | kW           | 22.4                                        |
|                               |                                             | Btu/h        | 76,400                                      |
|                               | Max                                         | kW           | 25.2                                        |
|                               |                                             | Btu/h        | 86,000                                      |
| Power Input(Cooling)          | Rated                                       | kW           | 6.10                                        |
| Power Input(Heating)          | Rated                                       | kW           | 5.16                                        |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.67                                        |
|                               | COP(Rated)                                  | W/W          | 4.34                                        |
|                               | SEER                                        | Wh/Wh        | 8.28                                        |
|                               | SCOP                                        | Wh/Wh        | 4.45                                        |
|                               | ηs,c                                        | %            | 328.2                                       |
|                               | ηs,h                                        | %            | 175                                         |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                         | m³/min       | 220 x 1                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)             | -            | Top                                         |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                        |
|                               | Drive                                       | -            | Direct                                      |
|                               | Output                                      | W x No.      | 1,200 x 1                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                         | cm³/rev      | 62.1                                        |
|                               | Number of Revolution                        | rev./min     | 3,600                                       |
|                               | Motor Output                                | W x No.      | 5,300 × 1                                   |
|                               | Starting Method                             | -            | Inverter                                    |
|                               | Oil Type                                    | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                  |
|                               | No.                                         | -            | 1                                           |
|                               | Fin Type                                    | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                              | mm           | 930 x 1,745 x 760                           |
|                               | Shipping(W x H x D)                         | mm           | 965 x 1,919 x 802                           |
| Weight                        | Net                                         | kg           | 215                                         |
|                               | Shipping                                    | kg           | 225                                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Frost Prevention                          | -                       | O (Logical)                                          |
|                                       | Discharge Temperature Control             | -                       | O (Logical)                                          |
|                                       | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 8.5                                                  |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 17.744                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ9.52 (3/8)                                          |
|                                       | Gas                                       | mm(inch)                | Φ19.05 (3/4)                                         |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ19.05 (3/4)                                         |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ15.88 (5/8)                                         |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 57.0 / 58.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 78.0 / 78.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 18.2                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 20.0                                                 |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 20.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 5.9                                                  |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 7.5                                                  |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 5.9                                                  |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 13(20)                                               |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation. Sound values of combination model are calculated values based on sound results of independent models. Sound values can be increased owing to ambient or installation conditions during operation. Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10], A1~An means sound values of independent models.
- EUROVENT Test Condition :
  - Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
  - Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor. MSC and RLA are measured as the compressor only test condition. OFM are measured as the outdoor unit test condition. TOCA means the total over current value of each outdoor unit. Select the wire size based on the larger value among MCA or TOCA. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

- Performances are based on the following conditions :
  - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
  - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM100LTE6

| Category                      |                                             | Unit         | Specification                               |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                       |              |                                             |
| Classification                | Chassis                                     | -            | UXA                                         |
|                               | Combination Unit (1)                        | -            | ARUM100LTE6                                 |
|                               | Combination Unit (2)                        | -            | -                                           |
|                               | Combination Unit (3)                        | -            | -                                           |
|                               | Combination Unit (4)                        | -            | -                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                   |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 13.61 - 12.93 - 12.47                       |
|                               | Running Current by Voltage (Heating, Rated) | A            | 10.17 - 9.66 - 9.31                         |
| Cooling Capacity              | Rated                                       | kW           | 28.0                                        |
|                               |                                             | Btu/h        | 95,500                                      |
| Heating Capacity              | Rated                                       | kW           | 28.0                                        |
|                               |                                             | Btu/h        | 95,500                                      |
|                               | Max                                         | kW           | 31.5                                        |
|                               |                                             | Btu/h        | 107,500                                     |
| Power Input(Cooling)          | Rated                                       | kW           | 8.33                                        |
| Power Input(Heating)          | Rated                                       | kW           | 6.22                                        |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.36                                        |
|                               | COP(Rated)                                  | W/W          | 4.50                                        |
|                               | SEER                                        | Wh/Wh        | 8.11                                        |
|                               | SCOP                                        | Wh/Wh        | 4.52                                        |
|                               | ηs,c                                        | %            | 321.4                                       |
|                               | ηs,h                                        | %            | 177.8                                       |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                         | m³/min       | 220 x 1                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)             | -            | Top                                         |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                        |
|                               | Drive                                       | -            | Direct                                      |
|                               | Output                                      | W x No.      | 1,200 x 1                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                         | cm³/rev      | 62.1                                        |
|                               | Number of Revolution                        | rev./min     | 3,600                                       |
|                               | Motor Output                                | W x No.      | 5,300 x 1                                   |
|                               | Starting Method                             | -            | Inverter                                    |
|                               | Oil Type                                    | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                  |
|                               | No.                                         | -            | 1                                           |
|                               | Fin Type                                    | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                              | mm           | 930 x 1,745 x 760                           |
|                               | Shipping(W x H x D)                         | mm           | 965 x 1,919 x 802                           |
| Weight                        | Net                                         | kg           | 215                                         |
|                               | Shipping                                    | kg           | 225                                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                            | -            | O (Logical)                                 |
|                               | Discharge Temperature Control               | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 9.5                                                  |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 19.831                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ9.52 (3/8)                                          |
|                                       | Gas                                       | mm(inch)                | Φ22.2 (7/8)                                          |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ22.2 (7/8)                                          |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ19.05 (3/4)                                         |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 57.5 / 58.5                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 79.0 / 79.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 25.1                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 32                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 28.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 5.9                                                  |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 11.1                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 7.7                                                  |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 16(25)                                               |

### Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM120LTE6

| Category                      |                                            | Unit         | Specification                               |
|-------------------------------|--------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                      |              |                                             |
| Classification                | Chassis                                    | -            | UXA                                         |
|                               | Combination Unit (1)                       | -            | ARUM120LTE6                                 |
|                               | Combination Unit (2)                       | -            | -                                           |
|                               | Combination Unit (3)                       | -            | -                                           |
|                               | Combination Unit (4)                       | -            | -                                           |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                   |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 19.03 - 18.08 - 17.43                       |
|                               | Running Current by Voltage (Heating,Rated) | A            | 12.69 - 12.05 - 11.62                       |
| Cooling Capacity              | Rated                                      | kW           | 33.6                                        |
|                               |                                            | Btu/h        | 114,600                                     |
| Heating Capacity              | Rated                                      | kW           | 33.6                                        |
|                               |                                            | Btu/h        | 114,600                                     |
|                               | Max                                        | kW           | 37.8                                        |
|                               |                                            | Btu/h        | 129,000                                     |
| Power Input(Cooling)          | Rated                                      | kW           | 11.65                                       |
| Power Input(Heating)          | Rated                                      | kW           | 7.77                                        |
| Efficiency                    | EER(Rated)                                 | W/W          | 2.88                                        |
|                               | COP(Rated)                                 | W/W          | 4.32                                        |
|                               | SEER                                       | Wh/Wh        | 7.94                                        |
|                               | SCOP                                       | Wh/Wh        | 4.99                                        |
|                               | ηs,c                                       | %            | 314.6                                       |
|                               | ηs,h                                       | %            | 196.6                                       |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                        | m³/min       | 220 x 1                                     |
|                               | Max. External Static Pressure              | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)            | -            | Top                                         |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                        |
|                               | Drive                                      | -            | Direct                                      |
|                               | Output                                     | W x No.      | 1,200 x 1                                   |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                        | cm³/rev      | 62.1                                        |
|                               | Number of Revolution                       | rev./min     | 3,600                                       |
|                               | Motor Output                               | W x No.      | 5,300 x 1                                   |
|                               | Starting Method                            | -            | Inverter                                    |
|                               | Oil Type                                   | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                  |
|                               | No.                                        | -            | 1                                           |
|                               | Fin Type                                   | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                             | mm           | 930 x 1,745 x 760                           |
|                               | Shipping(W x H x D)                        | mm           | 965 x 1,919 x 802                           |
| Weight                        | Net                                        | kg           | 215                                         |
|                               | Shipping                                   | kg           | 225                                         |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                           | -            | O (Logical)                                 |
|                               | Discharge Temperature Control              | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 9.5                                                  |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 19.831                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ12.7 (1/2)                                          |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ19.05 (3/4)                                         |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 59.0 / 60.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 80.0 / 82.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 25.5                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 32                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 28.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 5.9                                                  |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 16.5                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 10.2                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 20(30)                                               |

### Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM140LTE6

| Category                      |                                            | Unit         | Specification                               |
|-------------------------------|--------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                      |              |                                             |
| Classification                | Chassis                                    | -            | UXB                                         |
|                               | Combination Unit (1)                       | -            | ARUM140LTE6                                 |
|                               | Combination Unit (2)                       | -            | -                                           |
|                               | Combination Unit (3)                       | -            | -                                           |
|                               | Combination Unit (4)                       | -            | -                                           |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                   |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 19.41 - 18.44 - 17.77                       |
|                               | Running Current by Voltage (Heating,Rated) | A            | 13.77 - 13.08 - 12.61                       |
| Cooling Capacity              | Rated                                      | kW           | 39.2                                        |
|                               |                                            | Btu/h        | 133,800                                     |
| Heating Capacity              | Rated                                      | kW           | 39.2                                        |
|                               |                                            | Btu/h        | 133,800                                     |
|                               | Max                                        | kW           | 44.1                                        |
|                               |                                            | Btu/h        | 150,500                                     |
| Power Input(Cooling)          | Rated                                      | kW           | 11.88                                       |
| Power Input(Heating)          | Rated                                      | kW           | 8.43                                        |
| Efficiency                    | EER(Rated)                                 | W/W          | 3.30                                        |
|                               | COP(Rated)                                 | W/W          | 4.65                                        |
|                               | SEER                                       | Wh/Wh        | 8.55                                        |
|                               | SCOP                                       | Wh/Wh        | 5.17                                        |
|                               | ηs,c                                       | %            | 339                                         |
|                               | ηs,h                                       | %            | 203.8                                       |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                        | m³/min       | 320 x 1                                     |
|                               | Max. External Static Pressure              | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)            | -            | Top                                         |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                        |
|                               | Drive                                      | -            | Direct                                      |
|                               | Output                                     | W x No.      | 900 x 2                                     |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                        | cm³/rev      | 62.1                                        |
|                               | Number of Revolution                       | rev./min     | 3,600                                       |
|                               | Motor Output                               | W x No.      | 5,300 x 1                                   |
|                               | Starting Method                            | -            | Inverter                                    |
|                               | Oil Type                                   | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                  |
|                               | No.                                        | -            | 1                                           |
|                               | Fin Type                                   | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                             | mm           | 1,240 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                        | mm           | 1,282 x 1,919 x 802                         |
| Weight                        | Net                                        | kg           | 255                                         |
|                               | Shipping                                   | kg           | 265                                         |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                           | -            | O (Logical)                                 |
|                               | Discharge Temperature Control              | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 13.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 27.138                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ12.7 (1/2)                                          |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ22.2 (7/8)                                          |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 60.0 / 61.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 81.0 / 81.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 26.9                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 32                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 30.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 5.9                                                  |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 16.9                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 11.3                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 23(35)                                               |

### Note

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- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM160LTE6

| Category                      |                                            | Unit         | Specification                               |
|-------------------------------|--------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                      |              |                                             |
| Classification                | Chassis                                    | -            | UXB                                         |
|                               | Combination Unit (1)                       | -            | ARUM160LTE6                                 |
|                               | Combination Unit (2)                       | -            | -                                           |
|                               | Combination Unit (3)                       | -            | -                                           |
|                               | Combination Unit (4)                       | -            | -                                           |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                   |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 25.24 - 23.98 - 23.11                       |
|                               | Running Current by Voltage (Heating,Rated) | A            | 16.48 - 15.65 - 15.09                       |
| Cooling Capacity              | Rated                                      | kW           | 44.8                                        |
|                               |                                            | Btu/h        | 152,900                                     |
| Heating Capacity              | Rated                                      | kW           | 44.8                                        |
|                               |                                            | Btu/h        | 152,900                                     |
|                               | Max                                        | kW           | 50.4                                        |
|                               |                                            | Btu/h        | 172,000                                     |
| Power Input(Cooling)          | Rated                                      | kW           | 15.45                                       |
| Power Input(Heating)          | Rated                                      | kW           | 10.09                                       |
| Efficiency                    | EER(Rated)                                 | W/W          | 2.90                                        |
|                               | COP(Rated)                                 | W/W          | 4.44                                        |
|                               | SEER                                       | Wh/Wh        | 7.97                                        |
|                               | SCOP                                       | Wh/Wh        | 5.46                                        |
|                               | ηs,c                                       | %            | 315.8                                       |
|                               | ηs,h                                       | %            | 215.4                                       |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                        | m³/min       | 320 x 1                                     |
|                               | Max. External Static Pressure              | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)            | -            | Top                                         |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                        |
|                               | Drive                                      | -            | Direct                                      |
|                               | Output                                     | W x No.      | 900 x 2                                     |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                        | cm³/rev      | 62.1                                        |
|                               | Number of Revolution                       | rev./min     | 3,600                                       |
|                               | Motor Output                               | W x No.      | 5,300 x 1                                   |
|                               | Starting Method                            | -            | Inverter                                    |
|                               | Oil Type                                   | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                  |
|                               | No.                                        | -            | 1                                           |
|                               | Fin Type                                   | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                             | mm           | 1,240 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                        | mm           | 1,282 x 1,919 x 802                         |
| Weight                        | Net                                        | kg           | 255                                         |
|                               | Shipping                                   | kg           | 265                                         |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                           | -            | O (Logical)                                 |
|                               | Discharge Temperature Control              | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 13.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 27.138                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ12.7 (1/2)                                          |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ22.2 (7/8)                                          |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 60.5 / 61.5                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 85.0 / 85.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 27.3                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 32                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 30.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 5.9                                                  |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 22.7                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 14.0                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 26(40)                                               |

### Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM180LTE6

| Category                      |                                             | Unit         | Specification                               |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                       |              |                                             |
| Classification                | Chassis                                     | -            | UXB                                         |
|                               | Combination Unit (1)                        | -            | ARUM180LTE6                                 |
|                               | Combination Unit (2)                        | -            | -                                           |
|                               | Combination Unit (3)                        | -            | -                                           |
|                               | Combination Unit (4)                        | -            | -                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                   |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 23.51 - 22.34 - 21.53                       |
|                               | Running Current by Voltage (Heating, Rated) | A            | 17.30 - 16.44 - 15.84                       |
| Cooling Capacity              | Rated                                       | kW           | 50.4                                        |
|                               |                                             | Btu/h        | 172,000                                     |
| Heating Capacity              | Rated                                       | kW           | 50.4                                        |
|                               |                                             | Btu/h        | 172,000                                     |
|                               | Max                                         | kW           | 56.7                                        |
|                               |                                             | Btu/h        | 193,500                                     |
| Power Input(Cooling)          | Rated                                       | kW           | 14.39                                       |
| Power Input(Heating)          | Rated                                       | kW           | 10.59                                       |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.50                                        |
|                               | COP(Rated)                                  | W/W          | 4.76                                        |
|                               | SEER                                        | Wh/Wh        | 8.65                                        |
|                               | SCOP                                        | Wh/Wh        | 4.81                                        |
|                               | ηs,c                                        | %            | 343                                         |
|                               | ηs,h                                        | %            | 189.4                                       |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                         | m³/min       | 320 x 1                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)             | -            | Top                                         |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                        |
|                               | Drive                                       | -            | Direct                                      |
|                               | Output                                      | W x No.      | 900 x 2                                     |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 2                                    |
|                               | Number of Revolution                        | rev./min     | 3,600 x 2                                   |
|                               | Motor Output                                | W x No.      | 5,300 x 2                                   |
|                               | Starting Method                             | -            | Inverter                                    |
|                               | Oil Type                                    | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                  |
|                               | No.                                         | -            | 1                                           |
|                               | Fin Type                                    | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                              | mm           | 1,240 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                         | mm           | 1,282 x 1,919 x 802                         |
| Weight                        | Net                                         | kg           | 300                                         |
|                               | Shipping                                    | kg           | 310                                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                            | -            | O (Logical)                                 |
|                               | Discharge Temperature Control               | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 16.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 33.400                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ15.88 (5/8)                                         |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ22.2 (7/8)                                          |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 61.0 / 62.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 85.0 / 86.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 44.8                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 50                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 50.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                                 |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 21.0                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 14.8                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 29(45)                                               |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM200LTE6

| Category                      |                                            | Unit         | Specification                               |
|-------------------------------|--------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                      |              |                                             |
| Classification                | Chassis                                    | -            | UXB                                         |
|                               | Combination Unit (1)                       | -            | ARUM200LTE6                                 |
|                               | Combination Unit (2)                       | -            | -                                           |
|                               | Combination Unit (3)                       | -            | -                                           |
|                               | Combination Unit (4)                       | -            | -                                           |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                   |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 28.65 - 27.22 - 26.24                       |
|                               | Running Current by Voltage (Heating,Rated) | A            | 20.66 - 19.62 - 18.91                       |
| Cooling Capacity              | Rated                                      | kW           | 56.0                                        |
|                               |                                            | Btu/h        | 191,100                                     |
| Heating Capacity              | Rated                                      | kW           | 56.0                                        |
|                               |                                            | Btu/h        | 191,100                                     |
|                               | Max                                        | kW           | 63.0                                        |
|                               |                                            | Btu/h        | 215,000                                     |
| Power Input(Cooling)          | Rated                                      | kW           | 17.54                                       |
| Power Input(Heating)          | Rated                                      | kW           | 12.64                                       |
| Efficiency                    | EER(Rated)                                 | W/W          | 3.19                                        |
|                               | COP(Rated)                                 | W/W          | 4.43                                        |
|                               | SEER                                       | Wh/Wh        | 8.42                                        |
|                               | SCOP                                       | Wh/Wh        | 5.13                                        |
|                               | ηs,c                                       | %            | 333.8                                       |
|                               | ηs,h                                       | %            | 202.2                                       |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                        | m³/min       | 320 x 1                                     |
|                               | Max. External Static Pressure              | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)            | -            | Top                                         |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                        |
|                               | Drive                                      | -            | Direct                                      |
|                               | Output                                     | W x No.      | 900 x 2                                     |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                        | cm³/rev      | 62.1 x 2                                    |
|                               | Number of Revolution                       | rev./min     | 3,600 x 2                                   |
|                               | Motor Output                               | W x No.      | 5,300 x 2                                   |
|                               | Starting Method                            | -            | Inverter                                    |
|                               | Oil Type                                   | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                  |
|                               | No.                                        | -            | 1                                           |
|                               | Fin Type                                   | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                             | mm           | 1,240 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                        | mm           | 1,282 x 1,919 x 802                         |
| Weight                        | Net                                        | kg           | 300                                         |
|                               | Shipping                                   | kg           | 310                                         |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                           | -            | O (Logical)                                 |
|                               | Discharge Temperature Control              | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 16.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 33.400                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ15.88 (5/8)                                         |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ22.2 (7/8)                                          |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 62.0 / 63.5                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 86.0 / 89.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 45.5                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 50                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 50.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                                 |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 26.2                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 18.2                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 2.5                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 32(50)                                               |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM220LTE6

| Category                      |                                            | Unit         | Specification                               |
|-------------------------------|--------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                      |              |                                             |
| Classification                | Chassis                                    | -            | UXC                                         |
|                               | Combination Unit (1)                       | -            | ARUM220LTE6                                 |
|                               | Combination Unit (2)                       | -            | -                                           |
|                               | Combination Unit (3)                       | -            | -                                           |
|                               | Combination Unit (4)                       | -            | -                                           |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                   |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 35.94 - 34.14 - 32.91                       |
|                               | Running Current by Voltage (Heating,Rated) | A            | 26.07 - 24.77 - 23.87                       |
| Cooling Capacity              | Rated                                      | kW           | 61.6                                        |
|                               |                                            | Btu/h        | 210,200                                     |
| Heating Capacity              | Rated                                      | kW           | 61.6                                        |
|                               |                                            | Btu/h        | 210,200                                     |
|                               | Max                                        | kW           | 69.3                                        |
|                               |                                            | Btu/h        | 236,500                                     |
| Power Input(Cooling)          | Rated                                      | kW           | 22.00                                       |
| Power Input(Heating)          | Rated                                      | kW           | 15.96                                       |
| Efficiency                    | EER(Rated)                                 | W/W          | 2.80                                        |
|                               | COP(Rated)                                 | W/W          | 3.86                                        |
|                               | SEER                                       | Wh/Wh        | 7.20                                        |
|                               | SCOP                                       | Wh/Wh        | 4.62                                        |
|                               | ηs,c                                       | %            | 285                                         |
|                               | ηs,h                                       | %            | 181.8                                       |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                        | m³/min       | 430 x 1                                     |
|                               | Max. External Static Pressure              | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)            | -            | Top                                         |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                        |
|                               | Drive                                      | -            | Direct                                      |
|                               | Output                                     | W x No.      | 1,500 x 2                                   |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                        | cm³/rev      | 62.1 x 2                                    |
|                               | Number of Revolution                       | rev./min     | 3,600 x 2                                   |
|                               | Motor Output                               | W x No.      | 5,300 x 2                                   |
|                               | Starting Method                            | -            | Inverter                                    |
|                               | Oil Type                                   | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                  |
|                               | No.                                        | -            | 2                                           |
|                               | Fin Type                                   | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                             | mm           | 1,640 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                        | mm           | 1,675 x 1,919 x 802                         |
| Weight                        | Net                                        | kg           | 362                                         |
|                               | Shipping                                   | kg           | 372                                         |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                           | -            | O (Logical)                                 |
|                               | Discharge Temperature Control              | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 16.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 33.400                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ15.88 (5/8)                                         |
|                                       | Gas                                       | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ28.58 (1-1/8)                                       |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58 (1-1/8)                                       |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 64.0 / 66.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 84.0 / 88.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 48.0                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 63.0                                                 |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 54.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                                 |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 30.9                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 21.1                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 35(56)                                               |

### Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM240LTE6

| Category                      |                                             | Unit         | Specification                               |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                       |              |                                             |
| Classification                | Chassis                                     | -            | UXC                                         |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                 |
|                               | Combination Unit (2)                        | -            | -                                           |
|                               | Combination Unit (3)                        | -            | -                                           |
|                               | Combination Unit (4)                        | -            | -                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                   |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 42.72 - 40.58 - 39.12                       |
|                               | Running Current by Voltage (Heating, Rated) | A            | 30.41 - 28.89 - 27.85                       |
| Cooling Capacity              | Rated                                       | kW           | 67.2                                        |
|                               |                                             | Btu/h        | 229,300                                     |
| Heating Capacity              | Rated                                       | kW           | 67.2                                        |
|                               |                                             | Btu/h        | 229,300                                     |
|                               | Max                                         | kW           | 75.6                                        |
|                               |                                             | Btu/h        | 258,000                                     |
| Power Input(Cooling)          | Rated                                       | kW           | 26.15                                       |
| Power Input(Heating)          | Rated                                       | kW           | 18.61                                       |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.57                                        |
|                               | COP(Rated)                                  | W/W          | 3.61                                        |
|                               | SEER                                        | Wh/Wh        | 6.91                                        |
|                               | SCOP                                        | Wh/Wh        | 4.31                                        |
|                               | η <sub>s,c</sub>                            | %            | 273.4                                       |
|                               | η <sub>s,h</sub>                            | %            | 169.4                                       |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                         | m³/min       | 430 x 1                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)             | -            | Top                                         |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                        |
|                               | Drive                                       | -            | Direct                                      |
|                               | Output                                      | W x No.      | 1,500 x 2                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 2                                    |
|                               | Number of Revolution                        | rev./min     | 3,600 x 2                                   |
|                               | Motor Output                                | W x No.      | 5,300 x 2                                   |
|                               | Starting Method                             | -            | Inverter                                    |
|                               | Oil Type                                    | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                  |
|                               | No.                                         | -            | 2                                           |
|                               | Fin Type                                    | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                              | mm           | 1,640 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                         | mm           | 1,675 x 1,919 x 802                         |
| Weight                        | Net                                         | kg           | 362                                         |
|                               | Shipping                                    | kg           | 372                                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                            | -            | O (Logical)                                 |
|                               | Discharge Temperature Control               | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 16.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 33.400                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ15.88 (5/8)                                         |
|                                       | Gas                                       | mm(inch)                | Φ34.9 (1-3/8)                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9 (1-3/8)                                        |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58 (1-1/8)                                       |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 65.0 / 66.0                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 85.0 / 88.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 53.6                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 63                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 60.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                                 |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 37.7                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 25.4                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 39(61)                                               |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM260LTE6

| Category                      |                                             | Unit         | Specification                               |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------|
| Major                         | Minor                                       |              |                                             |
| Classification                | Chassis                                     | -            | UXC                                         |
|                               | Combination Unit (1)                        | -            | ARUM260LTE6                                 |
|                               | Combination Unit (2)                        | -            | -                                           |
|                               | Combination Unit (3)                        | -            | -                                           |
|                               | Combination Unit (4)                        | -            | -                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                          |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                   |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                  |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                   |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 51.49 - 48.91 - 47.14                       |
|                               | Running Current by Voltage (Heating, Rated) | A            | 35.29 - 33.53 - 32.32                       |
| Cooling Capacity              | Rated                                       | kW           | 72.8                                        |
|                               |                                             | Btu/h        | 248,400                                     |
| Heating Capacity              | Rated                                       | kW           | 72.8                                        |
|                               |                                             | Btu/h        | 248,400                                     |
|                               | Max                                         | kW           | 81.9                                        |
|                               |                                             | Btu/h        | 279,500                                     |
| Power Input(Cooling)          | Rated                                       | kW           | 31.52                                       |
| Power Input(Heating)          | Rated                                       | kW           | 21.60                                       |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.31                                        |
|                               | COP(Rated)                                  | W/W          | 3.37                                        |
|                               | SEER                                        | Wh/Wh        | 6.62                                        |
|                               | SCOP                                        | Wh/Wh        | 4.11                                        |
|                               | ηs,c                                        | %            | 261.8                                       |
|                               | ηs,h                                        | %            | 161.4                                       |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                 |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                               |
|                               | Air Flow Rate(High)                         | m³/min       | 430 x 1                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                          |
|                               | Discharge direction(Side / Top)             | -            | Top                                         |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                        |
|                               | Drive                                       | -            | Direct                                      |
|                               | Output                                      | W x No.      | 1,500 x 2                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                  |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 2                                    |
|                               | Number of Revolution                        | rev./min     | 3,600 x 2                                   |
|                               | Motor Output                                | W x No.      | 5,300 x 2                                   |
|                               | Starting Method                             | -            | Inverter                                    |
|                               | Oil Type                                    | -            | FW68L(PVE)                                  |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                  |
|                               | No.                                         | -            | 2                                           |
|                               | Fin Type                                    | -            | Wide Louver Plus                            |
| Dimensions                    | Net(W x H x D)                              | mm           | 1,640 x 1,745 x 760                         |
|                               | Shipping(W x H x D)                         | mm           | 1,675 x 1,919 x 802                         |
| Weight                        | Net                                         | kg           | 362                                         |
|                               | Shipping                                    | kg           | 372                                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                    |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                         |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch |
|                               | Frost Prevention                            | -            | O (Logical)                                 |
|                               | Discharge Temperature Control               | -            | O (Logical)                                 |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                        |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                      |
| Protection Device                     | Compressor/Fan Protection                 | -                       | Over-heat protection / Fan driver overload protector |
|                                       | Inverter Protection                       | -                       | Over-heat protection / Over-current protection       |
| Refrigerant                           | Type                                      | -                       | R410A                                                |
|                                       | Precharged Amount                         | kg                      | 16.0                                                 |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                              |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 33.400                                               |
|                                       | Control Type                              | -                       | EEV                                                  |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05 (3/4)                                         |
|                                       | Gas                                       | mm(inch)                | Φ34.9 (1-3/8)                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9 (1-3/8)                                        |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58 (1-1/8)                                       |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                              |
|                                       | Gas                                       | -                       | Brazing                                              |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                              |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                              |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 65.0 / 66.5                                          |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                             |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.0 / 89.0                                          |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                             |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                       |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 54.5                                                 |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 63                                                   |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 60.0                                                 |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                                 |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 46.5                                                 |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 30.3                                                 |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                                  |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 42(64)                                               |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM280LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXA                                               |
|                               | Combination Unit (1)                        | -            | ARUM160LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM120LTE6                                             |
|                               | Combination Unit (3)                        | -            | -                                                       |
|                               | Combination Unit (4)                        | -            | -                                                       |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 44.27 - 42.06 - 40.54                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 29.18 - 27.72 - 26.72                                   |
| Cooling Capacity              | Rated                                       | kW           | 78.4                                                    |
|                               |                                             | Btu/h        | 267,500                                                 |
| Heating Capacity              | Rated                                       | kW           | 78.4                                                    |
|                               |                                             | Btu/h        | 267,500                                                 |
|                               | Max                                         | kW           | 88.2                                                    |
|                               |                                             | Btu/h        | 301,000                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 27.10                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 17.86                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.89                                                    |
|                               | COP(Rated)                                  | W/W          | 4.39                                                    |
|                               | SEER                                        | Wh/Wh        | 7.96                                                    |
|                               | SCOP                                        | Wh/Wh        | 5.22                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (220 × 1)                                   |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (1,200 × 1)                                 |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 2                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 2                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 2                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 2                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (255 x 1) + (215 x 1)                                   |
|                               | Shipping                                    | kg           | (265 x 1) + (225 x 1)                                   |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 22.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 46.969                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58(1-1/8)                                  |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 62.8 / 63.8                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 86.2 / 86.8                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 52.7                                           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 63                                             |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 58.0                                           |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 11.8                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 39.3                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 24.2                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 45(56)                                         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM300LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXA                                               |
|                               | Combination Unit (1)                        | -            | ARUM180LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM120LTE6                                             |
|                               | Combination Unit (3)                        | -            | -                                                       |
|                               | Combination Unit (4)                        | -            | -                                                       |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 42.54 - 40.41 - 38.95                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 29.99 - 28.5 - 27.47                                    |
| Cooling Capacity              | Rated                                       | kW           | 84.0                                                    |
|                               |                                             | Btu/h        | 286,600                                                 |
| Heating Capacity              | Rated                                       | kW           | 84.0                                                    |
|                               |                                             | Btu/h        | 286,600                                                 |
|                               | Max                                         | kW           | 94.5                                                    |
|                               |                                             | Btu/h        | 322,400                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 26.04                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 18.36                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.23                                                    |
|                               | COP(Rated)                                  | W/W          | 4.58                                                    |
|                               | SEER                                        | Wh/Wh        | 8.30                                                    |
|                               | SCOP                                        | Wh/Wh        | 4.90                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (220 × 1)                                   |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (1,200 × 1)                                 |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 3                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 3                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 3                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 2                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (215 x 1)                                   |
|                               | Shipping                                    | kg           | (310 x 1) + (225 x 1)                                   |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 25.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 53.231                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58(1-1/8)                                  |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 63.1 / 64.1                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 86.2 / 87.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 70.9                                           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 80                                             |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 78.0                                           |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 17.7                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 37.5                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 25.0                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 49(60)                                         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>(A1/10)+ ... +10<sup>An</sup>(An/10)] , A1~An means sound values of independent models.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].

- Performances are based on the following conditions :
  - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
  - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM320LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXA                                               |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM120LTE6                                             |
|                               | Combination Unit (3)                        | -            | -                                                       |
|                               | Combination Unit (4)                        | -            | -                                                       |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 47.69 - 45.3 - 43.67                                    |
|                               | Running Current by Voltage (Heating, Rated) | A            | 33.34 - 31.68 - 30.53                                   |
| Cooling Capacity              | Rated                                       | kW           | 89.6                                                    |
|                               |                                             | Btu/h        | 305,700                                                 |
| Heating Capacity              | Rated                                       | kW           | 89.6                                                    |
|                               |                                             | Btu/h        | 305,700                                                 |
|                               | Max                                         | kW           | 100.8                                                   |
|                               |                                             | Btu/h        | 343,900                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 29.19                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 20.41                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.07                                                    |
|                               | COP(Rated)                                  | W/W          | 4.39                                                    |
|                               | SEER                                        | Wh/Wh        | 8.18                                                    |
|                               | SCOP                                        | Wh/Wh        | 5.06                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (220 × 1)                                   |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (1,200 × 1)                                 |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 3                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 3                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 3                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 2                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (215 x 1)                                   |
|                               | Shipping                                    | kg           | (310 x 1) + (225 x 1)                                   |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 25.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 53.231                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9(1-3/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58(1-1/8)                                  |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 63.8 / 65.1                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 87.0 / 89.8                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 72.7                                           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 80                                             |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 80.0                                           |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 17.7                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 42.7                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 28.3                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 52(64)                                         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM340LTE6

| Category                      |                                            | Unit         | Specification                                        |
|-------------------------------|--------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                      |              |                                                      |
| Classification                | Chassis                                    | -            | UXB + UXB                                            |
|                               | Combination Unit (1)                       | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                       | -            | ARUM140LTE6                                          |
|                               | Combination Unit (3)                       | -            | -                                                    |
|                               | Combination Unit (4)                       | -            | -                                                    |
| Power Supply                  | Case 1                                     | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)             | V            | 342 ~ 456                                            |
|                               | Case 2                                     | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)             | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling,Rated) | A            | 48.06 - 45.66 - 44.01                                |
|                               | Running Current by Voltage (Heating,Rated) | A            | 34.42 - 32.7 - 31.52                                 |
| Cooling Capacity              | Rated                                      | kW           | 95.2                                                 |
|                               |                                            | Btu/h        | 324,800                                              |
| Heating Capacity              | Rated                                      | kW           | 95.2                                                 |
|                               |                                            | Btu/h        | 324,800                                              |
|                               | Max                                        | kW           | 107.1                                                |
|                               |                                            | Btu/h        | 365,400                                              |
| Power Input(Cooling)          | Rated                                      | kW           | 29.42                                                |
| Power Input(Heating)          | Rated                                      | kW           | 21.07                                                |
| Efficiency                    | EER(Rated)                                 | W/W          | 3.24                                                 |
|                               | COP(Rated)                                 | W/W          | 4.52                                                 |
|                               | SEER                                       | Wh/Wh        | 8.48                                                 |
|                               | SCOP                                       | Wh/Wh        | 5.15                                                 |
| Power Factor(Cooling/Heating) | Rated                                      | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                       | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                        | m³/min       | (320 × 1) + (320 × 1)                                |
|                               | Max. External Static Pressure              | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)            | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                       | -            | BLDC                                                 |
|                               | Drive                                      | -            | Direct                                               |
|                               | Output                                     | W x No.      | (900 × 2) + (900 × 2)                                |
| Compressor                    | Type                                       | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                        | cm³/rev      | 62.1 x 3                                             |
|                               | Number of Revolution                       | rev./min     | 3,600 x 3                                            |
|                               | Motor Output                               | W x No.      | 5,300 x 3                                            |
|                               | Starting Method                            | -            | Inverter                                             |
|                               | Oil Type                                   | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                       | -            | Fin & Tube                                           |
|                               | No.                                        | -            | 2                                                    |
|                               | Fin Type                                   | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                             | mm           | (1,240 x 1,745 x 760) x 2                            |
|                               | Shipping(W x H x D)                        | mm           | (1,282 x 1,919 x 802) x 2                            |
| Weight                        | Net                                        | kg           | (300 x 1) + (255 x 1)                                |
|                               | Shipping                                   | kg           | (310 x 1) + (265 x 1)                                |
| Exterior                      | Color                                      | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                              | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                   | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                           | -            | O (Logical)                                          |
|                               | Discharge Temperature Control              | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                  | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                        | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 29.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 60.538         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ34.9(1-3/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ34.9(1-3/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58(1-1/8)  |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 64.1 / 65.4    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 87.2 / 89.6    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 × 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 74.2           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 100            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 82.0           |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 17.7           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 43.1           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 29.4           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 55(64)         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM360LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB                                            |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM160LTE6                                          |
|                               | Combination Unit (3)                        | -            | -                                                    |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 53.9 - 51.2 - 49.35                                  |
|                               | Running Current by Voltage (Heating, Rated) | A            | 37.13 - 35.28 - 34                                   |
| Cooling Capacity              | Rated                                       | kW           | 100.8                                                |
|                               |                                             | Btu/h        | 343,900                                              |
| Heating Capacity              | Rated                                       | kW           | 100.8                                                |
|                               |                                             | Btu/h        | 343,900                                              |
|                               | Max                                         | kW           | 113.4                                                |
|                               |                                             | Btu/h        | 386,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 32.99                                                |
| Power Input(Heating)          | Rated                                       | kW           | 22.73                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.06                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.19                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.29                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1)                                |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2)                                |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 3                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 3                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 3                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 2                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 2                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 2                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (255 x 1)                                |
|                               | Shipping                                    | kg           | (310 x 1) + (265 x 1)                                |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 29.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 60.538         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ28.58(1-1/8)  |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 64.3 / 65.6    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 88.5 / 90.5    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 74.5           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 100            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 82.0           |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 17.7           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 48.9           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 32.1           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 58(64)         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM380LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB                                            |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM180LTE6                                          |
|                               | Combination Unit (3)                        | -            | -                                                    |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 52.16 - 49.56 - 47.76                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 37.95 - 36.05 - 34.75                                |
| Cooling Capacity              | Rated                                       | kW           | 106.4                                                |
|                               |                                             | Btu/h        | 363,100                                              |
| Heating Capacity              | Rated                                       | kW           | 106.4                                                |
|                               |                                             | Btu/h        | 363,100                                              |
|                               | Max                                         | kW           | 119.7                                                |
|                               |                                             | Btu/h        | 408,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 31.93                                                |
| Power Input(Heating)          | Rated                                       | kW           | 23.23                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.33                                                 |
|                               | COP(Rated)                                  | W/W          | 4.58                                                 |
|                               | SEER                                        | Wh/Wh        | 8.53                                                 |
|                               | SCOP                                        | Wh/Wh        | 4.97                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93/0.93                                            |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1)                                |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2)                                |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                             |
|                               | Number of Revolution                        | rev./min     | 3,600x4                                              |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 2                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240x1,745x760)x2                                  |
|                               | Shipping(W x H x D)                         | mm           | (1,282x1,919x802)x2                                  |
| Weight                        | Net                                         | kg           | (300x1)+(300x1)                                      |
|                               | Shipping                                    | kg           | (310x1)+(310x1)                                      |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 32.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 64.5/65.8      |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 88.5/90.8      |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 92.7           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 102.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 33.0           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 61(64)         |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>4</sup>(A1/10)+ ... +10<sup>4</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM400LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB                                            |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | -                                                    |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 57.31 - 54.44 - 52.48                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 41.3 - 39.23 - 37.82                                 |
| Cooling Capacity              | Rated                                       | kW           | 112.0                                                |
|                               |                                             | Btu/h        | 382,200                                              |
| Heating Capacity              | Rated                                       | kW           | 112.0                                                |
|                               |                                             | Btu/h        | 382,200                                              |
|                               | Max                                         | kW           | 126.0                                                |
|                               |                                             | Btu/h        | 429,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 35.08                                                |
| Power Input(Heating)          | Rated                                       | kW           | 25.28                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.19                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.42                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.13                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1)                                |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2)                                |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 4                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 2                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 2                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 2                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1)                                |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1)                                |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 32.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 65.0 / 66.5    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.0 / 92.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 94.5           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 104.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 52.3           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 36.3           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 5.0            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM420LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXB                                                 |
|                               | Combination Unit (1)                        | -            | ARUM220LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (3)                        | -            | -                                                         |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 64.6 - 61.37 - 59.15                                      |
|                               | Running Current by Voltage (Heating, Rated) | A            | 46.72 - 44.39 - 42.78                                     |
| Cooling Capacity              | Rated                                       | kW           | 117.6                                                     |
|                               |                                             | Btu/h        | 401,300                                                   |
| Heating Capacity              | Rated                                       | kW           | 117.6                                                     |
|                               |                                             | Btu/h        | 401,300                                                   |
|                               | Max                                         | kW           | 132.3                                                     |
|                               |                                             | Btu/h        | 451,400                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 39.54                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 28.60                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.97                                                      |
|                               | COP(Rated)                                  | W/W          | 4.11                                                      |
|                               | SEER                                        | Wh/Wh        | 7.81                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.87                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (320 x 1)                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (900 x 2)                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 4                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 3                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (362 x 1) + (300 x 1)                                     |
|                               | Shipping                                    | kg           | (372 x 1) + (310 x 1)                                     |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 32.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.1 / 67.9                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 88.1 / 91.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 95.3                                           |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 106.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 57.1                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 39.2                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM440LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXB                                                 |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (3)                        | -            | -                                                         |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 71.38 - 67.81 - 65.36                                     |
|                               | Running Current by Voltage (Heating, Rated) | A            | 51.05 - 48.5 - 46.75                                      |
| Cooling Capacity              | Rated                                       | kW           | 123.2                                                     |
|                               |                                             | Btu/h        | 420,400                                                   |
| Heating Capacity              | Rated                                       | kW           | 123.2                                                     |
|                               |                                             | Btu/h        | 420,400                                                   |
|                               | Max                                         | kW           | 138.6                                                     |
|                               |                                             | Btu/h        | 472,900                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 43.69                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 31.25                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.82                                                      |
|                               | COP(Rated)                                  | W/W          | 3.94                                                      |
|                               | SEER                                        | Wh/Wh        | 7.66                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.72                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (320 x 1)                                     |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (900 x 2)                                   |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 4                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 3                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 1) + ((1,240 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 1) + ((1,282 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (362 x 1) + (300 x 1)                                     |
|                               | Shipping                                    | kg           | (372 x 1) + (310 x 1)                                     |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 32.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.8 / 67.9                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 88.5 / 91.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 100.8                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 112.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 63.9                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 43.6                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM460LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXC + UXC                                            |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM220LTE6                                          |
|                               | Combination Unit (3)                        | -            | -                                                    |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 78.66 - 74.73 - 72.03                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 56.48 - 53.65 - 51.71                                |
| Cooling Capacity              | Rated                                       | kW           | 128.8                                                |
|                               |                                             | Btu/h        | 439,500                                              |
| Heating Capacity              | Rated                                       | kW           | 128.8                                                |
|                               |                                             | Btu/h        | 439,500                                              |
|                               | Max                                         | kW           | 144.9                                                |
|                               |                                             | Btu/h        | 494,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 48.15                                                |
| Power Input(Heating)          | Rated                                       | kW           | 34.57                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.67                                                 |
|                               | COP(Rated)                                  | W/W          | 3.73                                                 |
|                               | SEER                                        | Wh/Wh        | 7.06                                                 |
|                               | SCOP                                        | Wh/Wh        | 4.47                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1)                                |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2)                            |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 4                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,640 x 1,745 x 760) x 2                            |
|                               | Shipping(W x H x D)                         | mm           | (1,675 x 1,919 x 802) x 2                            |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1)                                |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1)                                |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 32.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.5 / 69.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 87.5 / 91.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 101.6          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 114.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 68.7           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 46.5           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM480LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXC + UXC                                            |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                          |
|                               | Combination Unit (3)                        | -            | -                                                    |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 85.44 - 81.17 - 78.24                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 60.81 - 57.77 - 55.68                                |
| Cooling Capacity              | Rated                                       | kW           | 134.4                                                |
|                               |                                             | Btu/h        | 458,600                                              |
| Heating Capacity              | Rated                                       | kW           | 134.4                                                |
|                               |                                             | Btu/h        | 458,600                                              |
|                               | Max                                         | kW           | 151.2                                                |
|                               |                                             | Btu/h        | 515,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 52.30                                                |
| Power Input(Heating)          | Rated                                       | kW           | 37.22                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.57                                                 |
|                               | COP(Rated)                                  | W/W          | 3.61                                                 |
|                               | SEER                                        | Wh/Wh        | 6.91                                                 |
|                               | SCOP                                        | Wh/Wh        | 4.31                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1)                                |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2)                            |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 4                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 4                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 4                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,640 x 1,745 x 760) x 2                            |
|                               | Shipping(W x H x D)                         | mm           | (1,675 x 1,919 x 802) x 2                            |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1)                                |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1)                                |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 32.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 66.800         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 68.0 / 69.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 88.0 / 91.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 107.1          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 125            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 120.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 23.6           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 75.4           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 50.8           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] =  $10 \cdot \log [10^{A_1/10} + \dots + 10^{A_n/10}]$ , A<sub>1</sub>~A<sub>n</sub> means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM500LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXB + UXA                                         |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM180LTE6                                             |
|                               | Combination Unit (3)                        | -            | ARUM120LTE6                                             |
|                               | Combination Unit (4)                        | -            | -                                                       |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 71.2 - 67.64 - 65.19                                    |
|                               | Running Current by Voltage (Heating, Rated) | A            | 50.64 - 48.11 - 46.37                                   |
| Cooling Capacity              | Rated                                       | kW           | 140.0                                                   |
|                               |                                             | Btu/h        | 477,700                                                 |
| Heating Capacity              | Rated                                       | kW           | 140.0                                                   |
|                               |                                             | Btu/h        | 477,700                                                 |
|                               | Max                                         | kW           | 157.5                                                   |
|                               |                                             | Btu/h        | 537,400                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 43.58                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 31.00                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.21                                                    |
|                               | COP(Rated)                                  | W/W          | 4.52                                                    |
|                               | SEER                                        | Wh/Wh        | 8.34                                                    |
|                               | SCOP                                        | Wh/Wh        | 4.97                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (220 × 1)                       |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (1,200 × 1)                     |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 5                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 5                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 5                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 3                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (215 x 1)                       |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (225 x 1)                       |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 41.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 86.631                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 65.6 / 66.8                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.1 / 91.3                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 118.2                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 150                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 130.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 29.5                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 63.7                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 43.1                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM520LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXB + UXA                                         |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (3)                        | -            | ARUM120LTE6                                             |
|                               | Combination Unit (4)                        | -            | -                                                       |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 76.34 - 72.53 - 69.9                                    |
|                               | Running Current by Voltage (Heating, Rated) | A            | 53.99 - 51.29 - 49.44                                   |
| Cooling Capacity              | Rated                                       | kW           | 145.6                                                   |
|                               |                                             | Btu/h        | 496,800                                                 |
| Heating Capacity              | Rated                                       | kW           | 145.6                                                   |
|                               |                                             | Btu/h        | 496,800                                                 |
|                               | Max                                         | kW           | 163.8                                                   |
|                               |                                             | Btu/h        | 558,900                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 46.73                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 33.05                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.12                                                    |
|                               | COP(Rated)                                  | W/W          | 4.41                                                    |
|                               | SEER                                        | Wh/Wh        | 8.26                                                    |
|                               | SCOP                                        | Wh/Wh        | 5.08                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (220 × 1)                       |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (1,200 × 1)                     |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 5                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 5                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 5                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 3                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 2) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 2) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (215 x 1)                       |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (225 x 1)                       |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 41.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 86.631                                         |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)                                    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.0 / 67.4                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.5 / 92.4                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 120.0                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 150                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 132.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 29.5                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 68.8                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 46.5                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5                                            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM540LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB                                      |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM140LTE6                                          |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 76.72 - 72.88 - 70.25                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 55.07 - 52.32 - 50.43                                |
| Cooling Capacity              | Rated                                       | kW           | 151.2                                                |
|                               |                                             | Btu/h        | 515,900                                              |
| Heating Capacity              | Rated                                       | kW           | 151.2                                                |
|                               |                                             | Btu/h        | 515,900                                              |
|                               | Max                                         | kW           | 170.1                                                |
|                               |                                             | Btu/h        | 580,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 46.96                                                |
| Power Input(Heating)          | Rated                                       | kW           | 33.71                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.22                                                 |
|                               | COP(Rated)                                  | W/W          | 4.49                                                 |
|                               | SEER                                        | Wh/Wh        | 8.46                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.14                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1)                    |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2)                    |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 5                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 5                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 5                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 3                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 3                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 3                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (255 x 1)                    |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (265 x 1)                    |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 45.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 93.938         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.2 / 67.6    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.6 / 92.3    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 121.5          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 150            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 134.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 29.5           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 69.2           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 47.6           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM560LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB                                      |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM160LTE6                                          |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 82.55 - 78.42 - 75.59                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 57.78 - 54.89 - 52.91                                |
| Cooling Capacity              | Rated                                       | kW           | 156.8                                                |
|                               |                                             | Btu/h        | 535,000                                              |
| Heating Capacity              | Rated                                       | kW           | 156.8                                                |
|                               |                                             | Btu/h        | 535,000                                              |
|                               | Max                                         | kW           | 176.4                                                |
|                               |                                             | Btu/h        | 601,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 50.53                                                |
| Power Input(Heating)          | Rated                                       | kW           | 35.37                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.10                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.27                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.24                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1)                    |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2)                    |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 5                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 5                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 5                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 3                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 3                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 3                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (255 x 1)                    |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (265 x 1)                    |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 45.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 93.938         |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.3 / 67.7    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.5 / 92.8    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 121.8          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 150            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 134.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 29.5           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 75.0           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 50.3           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM580LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB                                      |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM180LTE6                                          |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 80.82 - 76.78 - 74                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 58.6 - 55.67 - 53.66                                 |
| Cooling Capacity              | Rated                                       | kW           | 162.4                                                |
|                               |                                             | Btu/h        | 554,100                                              |
| Heating Capacity              | Rated                                       | kW           | 162.4                                                |
|                               |                                             | Btu/h        | 554,100                                              |
|                               | Max                                         | kW           | 182.7                                                |
|                               |                                             | Btu/h        | 623,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 49.47                                                |
| Power Input(Heating)          | Rated                                       | kW           | 35.87                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.28                                                 |
|                               | COP(Rated)                                  | W/W          | 4.53                                                 |
|                               | SEER                                        | Wh/Wh        | 8.49                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.02                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1)                    |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2)                    |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 6                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 6                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 6                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 3                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 3                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 3                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1)                    |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1)                    |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 48.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.5 / 67.8    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.5 / 93.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 140.0          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 154.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 73.3           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 51.1           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>4</sup>(A1/10)+ ... +10<sup>4</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM600LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB                                      |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (4)                        | -            | -                                                    |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 85.97 - 81.67 - 78.72                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 61.95 - 58.85 - 56.73                                |
| Cooling Capacity              | Rated                                       | kW           | 168.0                                                |
|                               |                                             | Btu/h        | 573,200                                              |
| Heating Capacity              | Rated                                       | kW           | 168.0                                                |
|                               |                                             | Btu/h        | 573,200                                              |
|                               | Max                                         | kW           | 189.0                                                |
|                               |                                             | Btu/h        | 644,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 52.62                                                |
| Power Input(Heating)          | Rated                                       | kW           | 37.92                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.19                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.42                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.13                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1)                    |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2)                    |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 6                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 6                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 6                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 3                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 3                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 3                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1)                    |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1)                    |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 48.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ19.05(3/4)    |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 66.8 / 68.3    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.8 / 93.8    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 141.8          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 156.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 78.5           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 54.5           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 7.5            |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM620LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXB + UXB                                           |
|                               | Combination Unit (1)                        | -            | ARUM220LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 93.25 - 88.59 - 85.39                                     |
|                               | Running Current by Voltage (Heating, Rated) | A            | 67.37 - 64.01 - 61.69                                     |
| Cooling Capacity              | Rated                                       | kW           | 173.6                                                     |
|                               |                                             | Btu/h        | 592,300                                                   |
| Heating Capacity              | Rated                                       | kW           | 173.6                                                     |
|                               |                                             | Btu/h        | 592,300                                                   |
|                               | Max                                         | kW           | 195.3                                                     |
|                               |                                             | Btu/h        | 666,400                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 57.08                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 41.24                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.04                                                      |
|                               | COP(Rated)                                  | W/W          | 4.21                                                      |
|                               | SEER                                        | Wh/Wh        | 8.01                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.96                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 × 1) + (320 × 1) + (320 × 1)                         |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 × 2) + (900 × 2) + (900 × 2)                       |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 × 6                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 × 6                                                 |
|                               | Motor Output                                | W x No.      | 5,300 × 6                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 4                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 × 1,745 × 760) × 1) + ((1,240 × 1,745 × 760) × 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 × 1,919 × 802) × 1) + ((1,282 × 1,919 × 802) × 2) |
| Weight                        | Net                                         | kg           | (362 × 1) + (300 × 1) + (300 × 1)                         |
|                               | Shipping                                    | kg           | (372 × 1) + (310 × 1) + (310 × 1)                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 48.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.5 / 69.3                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.2 / 93.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 142.5                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 158.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 83.2                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 57.4                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM640LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXB + UXB                                           |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 100.03 - 95.03 - 91.6                                     |
|                               | Running Current by Voltage (Heating, Rated) | A            | 71.7 - 68.12 - 65.66                                      |
| Cooling Capacity              | Rated                                       | kW           | 179.2                                                     |
|                               |                                             | Btu/h        | 611,500                                                   |
| Heating Capacity              | Rated                                       | kW           | 179.2                                                     |
|                               |                                             | Btu/h        | 611,500                                                   |
|                               | Max                                         | kW           | 201.6                                                     |
|                               |                                             | Btu/h        | 687,900                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 61.23                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 43.89                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.93                                                      |
|                               | COP(Rated)                                  | W/W          | 4.08                                                      |
|                               | SEER                                        | Wh/Wh        | 7.91                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.86                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 × 1) + (320 × 1) + (320 × 1)                         |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 × 2) + (900 × 2) + (900 × 2)                       |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 × 6                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 × 6                                                 |
|                               | Motor Output                                | W x No.      | 5,300 × 6                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 4                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 × 1,745 × 760) × 1) + ((1,240 × 1,745 × 760) × 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 × 1,919 × 802) × 1) + ((1,282 × 1,919 × 802) × 2) |
| Weight                        | Net                                         | kg           | (362 × 1) + (300 × 1) + (300 × 1)                         |
|                               | Shipping                                    | kg           | (372 × 1) + (310 × 1) + (310 × 1)                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 48.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ41.3(1-5/8)                                   |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ34.9(1-3/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 68.0 / 69.3                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.5 / 93.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 148.1                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 164.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 90.0                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 61.7                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM660LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB                                           |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM220LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 107.32 - 101.95 - 98.27                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 77.13 - 73.27 - 70.62                                     |
| Cooling Capacity              | Rated                                       | kW           | 184.8                                                     |
|                               |                                             | Btu/h        | 630,600                                                   |
| Heating Capacity              | Rated                                       | kW           | 184.8                                                     |
|                               |                                             | Btu/h        | 630,600                                                   |
|                               | Max                                         | kW           | 207.9                                                     |
|                               |                                             | Btu/h        | 709,400                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 65.69                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 47.21                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.81                                                      |
|                               | COP(Rated)                                  | W/W          | 3.91                                                      |
|                               | SEER                                        | Wh/Wh        | 7.51                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.69                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1)                         |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2)                     |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 6                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 6                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 6                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 5                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1)                         |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1)                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 48.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 68.6 / 70.1                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 89.8 / 93.1                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 148.8                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 166.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 94.8                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 64.6                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 12.5                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM680LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB                                           |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | -                                                         |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 114.1 - 108.39 - 104.48                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 81.46 - 77.38 - 74.59                                     |
| Cooling Capacity              | Rated                                       | kW           | 190.4                                                     |
|                               |                                             | Btu/h        | 649,700                                                   |
| Heating Capacity              | Rated                                       | kW           | 190.4                                                     |
|                               |                                             | Btu/h        | 649,700                                                   |
|                               | Max                                         | kW           | 214.2                                                     |
|                               |                                             | Btu/h        | 730,900                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 69.84                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 49.86                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.73                                                      |
|                               | COP(Rated)                                  | W/W          | 3.82                                                      |
|                               | SEER                                        | Wh/Wh        | 7.41                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.58                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1)                         |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2)                     |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 6                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 6                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 6                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 5                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1)                         |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1)                         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 48.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 100.200                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 69.0 / 70.1                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.1 / 93.1                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 154.4                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 175                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 172.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 35.4                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 101.6                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 69.0                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 12.5                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM700LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXA                                   |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (3)                        | -            | ARUM180LTE6                                             |
|                               | Combination Unit (4)                        | -            | ARUM120LTE6                                             |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 99.85 - 94.86 - 91.43                                   |
|                               | Running Current by Voltage (Heating, Rated) | A            | 71.29 - 67.73 - 65.28                                   |
| Cooling Capacity              | Rated                                       | kW           | 196.0                                                   |
|                               |                                             | Btu/h        | 668,800                                                 |
| Heating Capacity              | Rated                                       | kW           | 196.0                                                   |
|                               |                                             | Btu/h        | 668,800                                                 |
|                               | Max                                         | kW           | 220.5                                                   |
|                               |                                             | Btu/h        | 752,400                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 61.12                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 43.64                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.21                                                    |
|                               | COP(Rated)                                  | W/W          | 4.49                                                    |
|                               | SEER                                        | Wh/Wh        | 8.36                                                    |
|                               | SCOP                                        | Wh/Wh        | 5.01                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (220 × 1)           |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (1,200 × 1)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 4                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)           |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)           |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 57.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 120.031                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.2 / 68.5                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.8 / 93.3                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 165.5                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 200                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 182.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 89.9                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 61.3                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM720LTE6

| Category                      |                                             | Unit         | Specification                                           |
|-------------------------------|---------------------------------------------|--------------|---------------------------------------------------------|
| Major                         | Minor                                       |              |                                                         |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXA                                   |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                             |
|                               | Combination Unit (4)                        | -            | ARUM120LTE6                                             |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                      |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                               |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                              |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                               |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 105 - 99.75 - 96.14                                     |
|                               | Running Current by Voltage (Heating, Rated) | A            | 74.64 - 70.91 - 68.35                                   |
| Cooling Capacity              | Rated                                       | kW           | 201.6                                                   |
|                               |                                             | Btu/h        | 687,900                                                 |
| Heating Capacity              | Rated                                       | kW           | 201.6                                                   |
|                               |                                             | Btu/h        | 687,900                                                 |
|                               | Max                                         | kW           | 226.8                                                   |
|                               |                                             | Btu/h        | 773,900                                                 |
| Power Input(Cooling)          | Rated                                       | kW           | 64.27                                                   |
| Power Input(Heating)          | Rated                                       | kW           | 45.69                                                   |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.14                                                    |
|                               | COP(Rated)                                  | W/W          | 4.41                                                    |
|                               | SEER                                        | Wh/Wh        | 8.30                                                    |
|                               | SCOP                                        | Wh/Wh        | 5.09                                                    |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                             |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                           |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (220 × 1)           |
|                               | Max. External Static Pressure               | Pa           | 80                                                      |
|                               | Discharge direction(Side / Top)             | -            | Top                                                     |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                    |
|                               | Drive                                       | -            | Direct                                                  |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (1,200 × 1)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                              |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                                |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                               |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                               |
|                               | Starting Method                             | -            | Inverter                                                |
|                               | Oil Type                                    | -            | FW68L(PVE)                                              |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                              |
|                               | No.                                         | -            | 4                                                       |
|                               | Fin Type                                    | -            | Wide Louver Plus                                        |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,240 x 1,745 x 760) x 3) + ((930 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,282 x 1,919 x 802) x 3) + ((965 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (215 x 1)           |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (225 x 1)           |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                     |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch             |
|                               | Frost Prevention                            | -            | O (Logical)                                             |
|                               | Discharge Temperature Control               | -            | O (Logical)                                             |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector    |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 57.5                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 120.031                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.4 / 68.9                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.1 / 94.1                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 167.3                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 200                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 184.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 95.0                                           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 64.7                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A1</sup>/10 + ... + 10<sup>An</sup>/10] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM740LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXB                                |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (4)                        | -            | ARUM140LTE6                                          |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 456                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 105.37 - 100.11 - 96.49                              |
|                               | Running Current by Voltage (Heating, Rated) | A            | 75.72 - 71.94 - 69.34                                |
| Cooling Capacity              | Rated                                       | kW           | 207.2                                                |
|                               |                                             | Btu/h        | 707,000                                              |
| Heating Capacity              | Rated                                       | kW           | 207.2                                                |
|                               |                                             | Btu/h        | 707,000                                              |
|                               | Max                                         | kW           | 233.1                                                |
|                               |                                             | Btu/h        | 795,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 64.50                                                |
| Power Input(Heating)          | Rated                                       | kW           | 46.35                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.21                                                 |
|                               | COP(Rated)                                  | W/W          | 4.47                                                 |
|                               | SEER                                        | Wh/Wh        | 8.45                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.14                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)        |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)        |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 4                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 4                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)        |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)        |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 61.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 127.338        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.6 / 69.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.2 / 94.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 168.7          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 200            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 186.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 95.4           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 65.7           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM760LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXB                                |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (4)                        | -            | ARUM160LTE6                                          |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 111.21 - 105.65 - 101.83                             |
|                               | Running Current by Voltage (Heating, Rated) | A            | 78.43 - 74.51 - 71.82                                |
| Cooling Capacity              | Rated                                       | kW           | 212.8                                                |
|                               |                                             | Btu/h        | 726,100                                              |
| Heating Capacity              | Rated                                       | kW           | 212.8                                                |
|                               |                                             | Btu/h        | 726,100                                              |
|                               | Max                                         | kW           | 239.4                                                |
|                               |                                             | Btu/h        | 816,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 68.07                                                |
| Power Input(Heating)          | Rated                                       | kW           | 48.01                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.13                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.30                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.21                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)        |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)        |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 4                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 4                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (255 x 1)        |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (265 x 1)        |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 61.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 127.338        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.7 / 69.1    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.8 / 94.3    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 169.1          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 200            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 186.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 101.2          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 68.4           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM780LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXB                                |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (4)                        | -            | ARUM180LTE6                                          |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 109.47 - 104 - 100.24                                |
|                               | Running Current by Voltage (Heating, Rated) | A            | 79.25 - 75.29 - 72.57                                |
| Cooling Capacity              | Rated                                       | kW           | 218.4                                                |
|                               |                                             | Btu/h        | 745,200                                              |
| Heating Capacity              | Rated                                       | kW           | 218.4                                                |
|                               |                                             | Btu/h        | 745,200                                              |
|                               | Max                                         | kW           | 245.7                                                |
|                               |                                             | Btu/h        | 838,400                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 67.01                                                |
| Power Input(Heating)          | Rated                                       | kW           | 48.51                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.26                                                 |
|                               | COP(Rated)                                  | W/W          | 4.50                                                 |
|                               | SEER                                        | Wh/Wh        | 8.47                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.05                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)        |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)        |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 4                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 4                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)        |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)        |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 64.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 67.8 / 69.2    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.8 / 94.4    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 187.3          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 206.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 99.5           |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 69.3           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM800LTE6

| Category                      |                                             | Unit         | Specification                                        |
|-------------------------------|---------------------------------------------|--------------|------------------------------------------------------|
| Major                         | Minor                                       |              |                                                      |
| Classification                | Chassis                                     | -            | UXB + UXB + UXB + UXB                                |
|                               | Combination Unit (1)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (2)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                          |
|                               | Combination Unit (4)                        | -            | ARUM200LTE6                                          |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                   |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                            |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                           |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                            |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 114.62 - 108.89 - 104.95                             |
|                               | Running Current by Voltage (Heating, Rated) | A            | 82.6 - 78.47 - 75.63                                 |
| Cooling Capacity              | Rated                                       | kW           | 224.0                                                |
|                               |                                             | Btu/h        | 764,300                                              |
| Heating Capacity              | Rated                                       | kW           | 224.0                                                |
|                               |                                             | Btu/h        | 764,300                                              |
|                               | Max                                         | kW           | 252.0                                                |
|                               |                                             | Btu/h        | 859,900                                              |
| Power Input(Cooling)          | Rated                                       | kW           | 70.16                                                |
| Power Input(Heating)          | Rated                                       | kW           | 50.56                                                |
| Efficiency                    | EER(Rated)                                  | W/W          | 3.19                                                 |
|                               | COP(Rated)                                  | W/W          | 4.43                                                 |
|                               | SEER                                        | Wh/Wh        | 8.42                                                 |
|                               | SCOP                                        | Wh/Wh        | 5.13                                                 |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                          |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                        |
|                               | Air Flow Rate(High)                         | m³/min       | (320 × 1) + (320 × 1) + (320 × 1) + (320 × 1)        |
|                               | Max. External Static Pressure               | Pa           | 80                                                   |
|                               | Discharge direction(Side / Top)             | -            | Top                                                  |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                 |
|                               | Drive                                       | -            | Direct                                               |
|                               | Output                                      | W x No.      | (900 × 2) + (900 × 2) + (900 × 2) + (900 × 2)        |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                           |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                             |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                            |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                            |
|                               | Starting Method                             | -            | Inverter                                             |
|                               | Oil Type                                    | -            | FW68L(PVE)                                           |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                           |
|                               | No.                                         | -            | 4                                                    |
|                               | Fin Type                                    | -            | Wide Louver Plus                                     |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,240 x 1,745 x 760) x 4                            |
|                               | Shipping(W x H x D)                         | mm           | (1,282 x 1,919 x 802) x 4                            |
| Weight                        | Net                                         | kg           | (300 x 1) + (300 x 1) + (300 x 1) + (300 x 1)        |
|                               | Shipping                                    | kg           | (310 x 1) + (310 x 1) + (310 x 1) + (310 x 1)        |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                             |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                  |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch          |
|                               | Frost Prevention                            | -            | O (Logical)                                          |
|                               | Discharge Temperature Control               | -            | O (Logical)                                          |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection       |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 64.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 68.0 / 69.5    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 92.0 / 95.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 189.1          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 208.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 104.6          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 72.6           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 10.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM820LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB + UXB                                     |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | ARUM140LTE6                                               |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 133.51 - 126.83 - 122.25                                  |
|                               | Running Current by Voltage (Heating, Rated) | A            | 95.23 - 90.47 - 87.2                                      |
| Cooling Capacity              | Rated                                       | kW           | 229.6                                                     |
|                               |                                             | Btu/h        | 783,400                                                   |
| Heating Capacity              | Rated                                       | kW           | 229.6                                                     |
|                               |                                             | Btu/h        | 783,400                                                   |
|                               | Max                                         | kW           | 258.3                                                     |
|                               |                                             | Btu/h        | 881,400                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 81.72                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 58.29                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.81                                                      |
|                               | COP(Rated)                                  | W/W          | 3.94                                                      |
|                               | SEER                                        | Wh/Wh        | 7.70                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.73                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)             |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 6                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)             |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)             |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 61.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 127.338                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 69.5 / 70.6                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.6 / 93.4                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 181.3                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 202.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 118.5                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 80.2                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 15.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM840LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB + UXB                                     |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | ARUM160LTE6                                               |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 139.34 - 132.37 - 127.59                                  |
|                               | Running Current by Voltage (Heating, Rated) | A            | 97.94 - 93.04 - 89.68                                     |
| Cooling Capacity              | Rated                                       | kW           | 235.2                                                     |
|                               |                                             | Btu/h        | 802,500                                                   |
| Heating Capacity              | Rated                                       | kW           | 235.2                                                     |
|                               |                                             | Btu/h        | 802,500                                                   |
|                               | Max                                         | kW           | 264.6                                                     |
|                               |                                             | Btu/h        | 902,900                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 85.29                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 59.95                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.76                                                      |
|                               | COP(Rated)                                  | W/W          | 3.92                                                      |
|                               | SEER                                        | Wh/Wh        | 7.55                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.80                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)             |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 7                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 7                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 7                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 6                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1) + (255 x 1)             |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1) + (265 x 1)             |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 61.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 127.338                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 69.6 / 70.6                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.3 / 93.8                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 181.7                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 202.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 41.3                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 124.3                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 83.0                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 15.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM860LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB + UXB                                     |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | ARUM180LTE6                                               |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 137.61 - 130.73 - 126                                     |
|                               | Running Current by Voltage (Heating, Rated) | A            | 98.76 - 93.82 - 90.43                                     |
| Cooling Capacity              | Rated                                       | kW           | 240.8                                                     |
|                               |                                             | Btu/h        | 821,600                                                   |
| Heating Capacity              | Rated                                       | kW           | 240.8                                                     |
|                               |                                             | Btu/h        | 821,600                                                   |
|                               | Max                                         | kW           | 270.9                                                     |
|                               |                                             | Btu/h        | 924,300                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 84.23                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 60.45                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.86                                                      |
|                               | COP(Rated)                                  | W/W          | 3.98                                                      |
|                               | SEER                                        | Wh/Wh        | 7.72                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.64                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)             |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 6                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1) + (300 x 1)             |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1) + (310 x 1)             |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 64.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 69.6 / 70.7                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.3 / 93.9                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 199.9                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 222.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 122.6                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 83.8                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 15.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation. Sound values of combination model are calculated values based on sound results of independent models. Sound values can be increased owing to ambient or installation conditions during operation. Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :
  - Performance values on the this PDB are based on Ceiling Mounted Cassette combination.
  - Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor. MSC and RLA are measured as the compressor only test condition. OFM are measured as the outdoor unit test condition. TOCA means the total over current value of each outdoor unit. Select the wire size based on the larger value among MCA or TOCA. MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker. [circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :
  - Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB
  - Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB
  - Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM880LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXB + UXB                                     |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM200LTE6                                               |
|                               | Combination Unit (4)                        | -            | ARUM200LTE6                                               |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 142.75 - 135.62 - 130.71                                  |
|                               | Running Current by Voltage (Heating, Rated) | A            | 102.11 - 97 - 93.49                                       |
| Cooling Capacity              | Rated                                       | kW           | 246.4                                                     |
|                               |                                             | Btu/h        | 840,800                                                   |
| Heating Capacity              | Rated                                       | kW           | 246.4                                                     |
|                               |                                             | Btu/h        | 840,800                                                   |
|                               | Max                                         | kW           | 277.2                                                     |
|                               |                                             | Btu/h        | 945,800                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 87.38                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 62.50                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.82                                                      |
|                               | COP(Rated)                                  | W/W          | 3.94                                                      |
|                               | SEER                                        | Wh/Wh        | 7.66                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.72                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (320 x 1) + (320 x 1)             |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (900 x 2) + (900 x 2)         |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 6                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 2) + ((1,240 x 1,745 x 760) x 2) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 2) + ((1,282 x 1,919 x 802) x 2) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (300 x 1) + (300 x 1)             |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (310 x 1) + (310 x 1)             |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 64.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 69.8 / 70.9                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.5 / 94.5                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 201.7                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 224.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 127.7                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 87.1                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 15.0                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM900LTE6

| Category                      |                                             | Unit         | Specification                                             |
|-------------------------------|---------------------------------------------|--------------|-----------------------------------------------------------|
| Major                         | Minor                                       |              |                                                           |
| Classification                | Chassis                                     | -            | UXC + UXC + UXC + UXB                                     |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                               |
|                               | Combination Unit (3)                        | -            | ARUM220LTE6                                               |
|                               | Combination Unit (4)                        | -            | ARUM200LTE6                                               |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                        |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                                 |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                                |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                                 |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 150.04 - 142.54 - 137.39                                  |
|                               | Running Current by Voltage (Heating, Rated) | A            | 107.53 - 102.15 - 98.46                                   |
| Cooling Capacity              | Rated                                       | kW           | 252.0                                                     |
|                               |                                             | Btu/h        | 859,900                                                   |
| Heating Capacity              | Rated                                       | kW           | 252.0                                                     |
|                               |                                             | Btu/h        | 859,900                                                   |
|                               | Max                                         | kW           | 283.5                                                     |
|                               |                                             | Btu/h        | 967,300                                                   |
| Power Input(Cooling)          | Rated                                       | kW           | 91.84                                                     |
| Power Input(Heating)          | Rated                                       | kW           | 65.82                                                     |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.74                                                      |
|                               | COP(Rated)                                  | W/W          | 3.83                                                      |
|                               | SEER                                        | Wh/Wh        | 7.36                                                      |
|                               | SCOP                                        | Wh/Wh        | 4.59                                                      |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                               |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                             |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (430 x 1) + (320 x 1)             |
|                               | Max. External Static Pressure               | Pa           | 80                                                        |
|                               | Discharge direction(Side / Top)             | -            | Top                                                       |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                      |
|                               | Drive                                       | -            | Direct                                                    |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (900 x 2)       |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                                |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                                  |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                                 |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                                 |
|                               | Starting Method                             | -            | Inverter                                                  |
|                               | Oil Type                                    | -            | FW68L(PVE)                                                |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                                |
|                               | No.                                         | -            | 7                                                         |
|                               | Fin Type                                    | -            | Wide Louver Plus                                          |
| Dimensions                    | Net(W x H x D)                              | mm           | ((1,640 x 1,745 x 760) x 3) + ((1,240 x 1,745 x 760) x 1) |
|                               | Shipping(W x H x D)                         | mm           | ((1,675 x 1,919 x 802) x 3) + ((1,282 x 1,919 x 802) x 1) |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (362 x 1) + (300 x 1)             |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (372 x 1) + (310 x 1)             |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                                  |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                       |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch               |
|                               | Frost Prevention                            | -            | O (Logical)                                               |
|                               | Discharge Temperature Control               | -            | O (Logical)                                               |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector      |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification                                  |
|---------------------------------------|-------------------------------------------|-------------------------|------------------------------------------------|
| Major                                 | Minor                                     |                         |                                                |
| Protection Device                     | Inverter Protection                       | -                       | Over-heat protection / Over-current protection |
| Refrigerant                           | Type                                      | -                       | R410A                                          |
|                                       | Precharged Amount                         | kg                      | 64.0                                           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5                                        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600                                        |
|                                       | Control Type                              | -                       | EEV                                            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)                                     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)                                  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)                                   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing                                        |
|                                       | Gas                                       | -                       | Brazing                                        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing                                        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing                                        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 70.2 / 71.5                                    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745                                       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.1 / 94.3                                    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614                                       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C                                 |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 202.4                                          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250                                            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 226.0                                          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2                                           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 132.5                                          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 90.1                                           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 17.5                                           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64                                             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10^(A1/10)+ ... +10^(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.



## 1. Specifications

### ARUM920LTE6

| Category                      |                                             | Unit         | Specification                                         |
|-------------------------------|---------------------------------------------|--------------|-------------------------------------------------------|
| Major                         | Minor                                       |              |                                                       |
| Classification                | Chassis                                     | -            | UXC + UXC + UXC + UXC                                 |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (3)                        | -            | ARUM220LTE6                                           |
|                               | Combination Unit (4)                        | -            | ARUM220LTE6                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                    |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                             |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                            |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                             |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 157.33 - 149.46 - 144.06                              |
|                               | Running Current by Voltage (Heating, Rated) | A            | 112.95 - 107.31 - 103.43                              |
| Cooling Capacity              | Rated                                       | kW           | 257.6                                                 |
|                               |                                             | Btu/h        | 879,000                                               |
| Heating Capacity              | Rated                                       | kW           | 257.6                                                 |
|                               |                                             | Btu/h        | 879,000                                               |
|                               | Max                                         | kW           | 289.8                                                 |
|                               |                                             | Btu/h        | 988,800                                               |
| Power Input(Cooling)          | Rated                                       | kW           | 96.30                                                 |
| Power Input(Heating)          | Rated                                       | kW           | 69.14                                                 |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.67                                                  |
|                               | COP(Rated)                                  | W/W          | 3.73                                                  |
|                               | SEER                                        | Wh/Wh        | 7.06                                                  |
|                               | SCOP                                        | Wh/Wh        | 4.47                                                  |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                           |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                         |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)         |
|                               | Max. External Static Pressure               | Pa           | 80                                                    |
|                               | Discharge direction(Side / Top)             | -            | Top                                                   |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                  |
|                               | Drive                                       | -            | Direct                                                |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2) |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                            |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                              |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                             |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                             |
|                               | Starting Method                             | -            | Inverter                                              |
|                               | Oil Type                                    | -            | FW68L(PVE)                                            |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                            |
|                               | No.                                         | -            | 8                                                     |
|                               | Fin Type                                    | -            | Wide Louver Plus                                      |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,640 x 1,745 x 760) x 4                             |
|                               | Shipping(W x H x D)                         | mm           | (1,675 x 1,919 x 802) x 4                             |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (362 x 1) + (362 x 1)         |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                              |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                   |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch           |
|                               | Frost Prevention                            | -            | O (Logical)                                           |
|                               | Discharge Temperature Control               | -            | O (Logical)                                           |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector  |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection        |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 64.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 70.5 / 72.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.5 / 94.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 203.1          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 228.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 137.3          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 93.0           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 20.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

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- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM940LTE6

| Category                      |                                             | Unit         | Specification                                         |
|-------------------------------|---------------------------------------------|--------------|-------------------------------------------------------|
| Major                         | Minor                                       |              |                                                       |
| Classification                | Chassis                                     | -            | UXC + UXC + UXC + UXC                                 |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (3)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (4)                        | -            | ARUM220LTE6                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                    |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                             |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                            |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                             |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 164.11 - 155.9 - 150.27                               |
|                               | Running Current by Voltage (Heating, Rated) | A            | 117.28 - 111.42 - 107.39                              |
| Cooling Capacity              | Rated                                       | kW           | 263.2                                                 |
|                               |                                             | Btu/h        | 898,100                                               |
| Heating Capacity              | Rated                                       | kW           | 263.2                                                 |
|                               |                                             | Btu/h        | 898,100                                               |
|                               | Max                                         | kW           | 296.1                                                 |
|                               |                                             | Btu/h        | 1,010,300                                             |
| Power Input(Cooling)          | Rated                                       | kW           | 100.50                                                |
| Power Input(Heating)          | Rated                                       | kW           | 71.79                                                 |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.62                                                  |
|                               | COP(Rated)                                  | W/W          | 3.67                                                  |
|                               | SEER                                        | Wh/Wh        | 6.98                                                  |
|                               | SCOP                                        | Wh/Wh        | 4.39                                                  |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                           |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                         |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)         |
|                               | Max. External Static Pressure               | Pa           | 80                                                    |
|                               | Discharge direction(Side / Top)             | -            | Top                                                   |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                  |
|                               | Drive                                       | -            | Direct                                                |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2) |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                            |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                              |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                             |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                             |
|                               | Starting Method                             | -            | Inverter                                              |
|                               | Oil Type                                    | -            | FW68L(PVE)                                            |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                            |
|                               | No.                                         | -            | 8                                                     |
|                               | Fin Type                                    | -            | Wide Louver Plus                                      |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,640 x 1,745 x 760) x 4                             |
|                               | Shipping(W x H x D)                         | mm           | (1,675 x 1,919 x 802) x 4                             |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (362 x 1) + (362 x 1)         |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                              |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                   |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch           |
|                               | Frost Prevention                            | -            | O (Logical)                                           |
|                               | Discharge Temperature Control               | -            | O (Logical)                                           |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector  |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection        |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 64.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 70.8 / 72.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 90.8 / 94.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 208.7          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 234.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 144.1          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 97.3           |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 20.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 1. Specifications

### ARUM960LTE6

| Category                      |                                             | Unit         | Specification                                         |
|-------------------------------|---------------------------------------------|--------------|-------------------------------------------------------|
| Major                         | Minor                                       |              |                                                       |
| Classification                | Chassis                                     | -            | UXC + UXC + UXC + UXC                                 |
|                               | Combination Unit (1)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (2)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (3)                        | -            | ARUM240LTE6                                           |
|                               | Combination Unit (4)                        | -            | ARUM240LTE6                                           |
| Power Supply                  | Case 1                                      | V, Phase, Hz | 380-400-415, 3, 50                                    |
|                               | Limit Range of Voltage(Case 1)              | V            | 342 ~ 456                                             |
|                               | Case 2                                      | V, Phase, Hz | 380, 3, 60                                            |
|                               | Limit Range of Voltage(Case 2)              | V            | 342 ~ 418                                             |
|                               | Running Current by Voltage (Cooling, Rated) | A            | 170.89 - 162.34 - 156.47                              |
|                               | Running Current by Voltage (Heating, Rated) | A            | 121.61 - 115.53 - 111.36                              |
| Cooling Capacity              | Rated                                       | kW           | 268.8                                                 |
|                               |                                             | Btu/h        | 917,200                                               |
| Heating Capacity              | Rated                                       | kW           | 268.8                                                 |
|                               |                                             | Btu/h        | 917,200                                               |
|                               | Max                                         | kW           | 302.4                                                 |
|                               |                                             | Btu/h        | 1,031,800                                             |
| Power Input(Cooling)          | Rated                                       | kW           | 104.60                                                |
| Power Input(Heating)          | Rated                                       | kW           | 74.44                                                 |
| Efficiency                    | EER(Rated)                                  | W/W          | 2.57                                                  |
|                               | COP(Rated)                                  | W/W          | 3.61                                                  |
|                               | SEER                                        | Wh/Wh        | 6.91                                                  |
|                               | SCOP                                        | Wh/Wh        | 4.31                                                  |
| Power Factor(Cooling/Heating) | Rated                                       | -            | 0.93 / 0.93                                           |
| Outdoor Fan                   | Type                                        | -            | Propeller fan                                         |
|                               | Air Flow Rate(High)                         | m³/min       | (430 x 1) + (430 x 1) + (430 x 1) + (430 x 1)         |
|                               | Max. External Static Pressure               | Pa           | 80                                                    |
|                               | Discharge direction(Side / Top)             | -            | Top                                                   |
| Outdoor Fan Motor             | Type                                        | -            | BLDC                                                  |
|                               | Drive                                       | -            | Direct                                                |
|                               | Output                                      | W x No.      | (1,500 x 2) + (1,500 x 2) + (1,500 x 2) + (1,500 x 2) |
| Compressor                    | Type                                        | -            | Hermetically Sealed Scroll                            |
|                               | Piston Displacement                         | cm³/rev      | 62.1 x 8                                              |
|                               | Number of Revolution                        | rev./min     | 3,600 x 8                                             |
|                               | Motor Output                                | W x No.      | 5,300 x 8                                             |
|                               | Starting Method                             | -            | Inverter                                              |
|                               | Oil Type                                    | -            | FW68L(PVE)                                            |
| Heat Exchanger                | Type                                        | -            | Fin & Tube                                            |
|                               | No.                                         | -            | 8                                                     |
|                               | Fin Type                                    | -            | Wide Louver Plus                                      |
| Dimensions                    | Net(W x H x D)                              | mm           | (1,640 x 1,745 x 760) x 4                             |
|                               | Shipping(W x H x D)                         | mm           | (1,675 x 1,919 x 802) x 4                             |
| Weight                        | Net                                         | kg           | (362 x 1) + (362 x 1) + (362 x 1) + (362 x 1)         |
|                               | Shipping                                    | kg           | (372 x 1) + (372 x 1) + (372 x 1) + (372 x 1)         |
| Exterior                      | Color                                       | -            | Morning Gray / Dawn Gray                              |
|                               | RAL (Classic)                               | -            | RAL 7038 / RAL 7037                                   |
| Protection Device             | High Pressure Prevention                    | -            | High pressure sensor / High pressure switch           |
|                               | Frost Prevention                            | -            | O (Logical)                                           |
|                               | Discharge Temperature Control               | -            | O (Logical)                                           |
|                               | Compressor/Fan Protection                   | -            | Over-heat protection / Fan driver overload protector  |
|                               | Inverter Protection                         | -            | Over-heat protection / Over-current protection        |

## 1. Specifications

| Category                              |                                           | Unit                    | Specification  |
|---------------------------------------|-------------------------------------------|-------------------------|----------------|
| Major                                 | Minor                                     |                         |                |
| Refrigerant                           | Type                                      | -                       | R410A          |
|                                       | Precharged Amount                         | kg                      | 64.0           |
|                                       | GWP(Global Warming Potential)             | -                       | 2,087.5        |
|                                       | t-CO <sub>2</sub> eq.                     | -                       | 133.600        |
|                                       | Control Type                              | -                       | EEV            |
| Connecting Pipe                       | Liquid                                    | mm(inch)                | Φ22.2(7/8)     |
|                                       | Gas                                       | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | Low Pressure Gas (Heat Recovery)          | mm(inch)                | Φ53.98(2-1/8)  |
|                                       | High Pressure Gas (Heat Recovery)         | mm(inch)                | Φ41.3(1-5/8)   |
| Piping Connection Type                | Liquid                                    | -                       | Brazing        |
|                                       | Gas                                       | -                       | Brazing        |
|                                       | Low Pressure Gas (Heat Recovery)          | -                       | Brazing        |
|                                       | High Pressure Gas (Heat Recovery)         | -                       | Brazing        |
| Sound Pressure Level (Outdoor Unit)   | Cooling / Heating                         | dB(A)                   | 71.0 / 72.0    |
| Measurement Standard (Pressure Level) | -                                         | -                       | ISO 3745       |
| Sound Power Level (Outdoor Unit)      | Cooling / Heating                         | dB(A)                   | 91.0 / 94.0    |
| Measurement Standard (Power Level)    | -                                         | -                       | ISO 9614       |
| Connecting Cable                      | Communication Cable(VCTF-SB)              | mm <sup>2</sup> × cores | 1.0 ~ 1.5 x 2C |
| Electrical Characteristic             | Minimum Circuit Amperes (MCA)             | A                       | 214.3          |
|                                       | Maximum Fuse Amperes (MFA)                | A                       | 250            |
|                                       | Total Over Current Amperes (TOCA)         | A                       | 240.0          |
|                                       | Comp_Maximum Starting Current (MSC)       | A                       | 47.2           |
|                                       | Comp_Rated Load Amperes (Cooling)         | A                       | 150.9          |
|                                       | Comp_Rated Load Amperes (Heating)         | A                       | 101.6          |
|                                       | Outdoor Fan Motor_Full Load Amperes (FLA) | A                       | 20.0           |
| Connectable indoor units number       | Max. (Conditional)                        | Units                   | 64             |

### Note

- Due to our policy of innovation some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- Power factor could vary less than ±1% according to the operating conditions.
- Sound level values are depend on the ambient conditions and values are normally higher in actual operation.  
Sound values of combination model are calculated values based on sound results of independent models.  
Sound values can be increased owing to ambient or installation conditions during operation.  
Sound values of system [dB(A)] = 10\*log [10<sup>A</sup>(A1/10)+ ... +10<sup>A</sup>(An/10)] , A1~An means sound values of independent models.
- EUROVENT Test Condition :  
- Performance values on the this PDB are based on Ceiling Mounted Cassette combination.  
- Refer to EUROVENT web site ([www.eurovent-certification.com](http://www.eurovent-certification.com)) for other indoor unit combination and more detail test conditions.
- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phase is 2%.
- MSC means the Max. current during the starting of compressor.  
MSC and RLA are measured as the compressor only test condition.  
OFM are measured as the outdoor unit test condition.  
TOCA means the total over current value of each outdoor unit.  
Select the wire size based on the larger value among MCA or TOCA.  
MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
[circuit breaker type is ELCB(Earth Leakage Circuit Breaker)].
- Performances are based on the following conditions :  
- Cooling : Indoor Ambient Temp. 27°CDB / 19°CWB, Outdoor Ambient Temp. 35°CDB / 24°CWB  
- Heating : Indoor Ambient Temp. 20°CDB / 15°CWB, Outdoor Ambient Temp. 7°CDB / 6°CWB  
- Interconnected Pipe Length is 7.5m and difference of Elevation (Outdoor ~ Indoor Unit) is 0m.

## 2. List of Functions

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6

| Category          | Functions                                | Availability |
|-------------------|------------------------------------------|--------------|
| Reliability       | Defrost / Deicing                        | O            |
|                   | High Pressure Switch                     | O            |
|                   | Phase Protection                         | O            |
|                   | Restart Delay (3-minutes)                | O            |
|                   | Self Diagnosis                           | O            |
|                   | Soft Start                               | O            |
|                   | Sump Heater                              | -            |
|                   | Compressor Balanced Operation            | O            |
| Convenience       | Low Noise Operation                      | -            |
|                   | Peak Control                             | O            |
|                   | Mode Lock                                | O            |
|                   | SLC (Smart Load Control)                 | O (Advanced) |
|                   | Linear Bypass Cycle                      | O            |
|                   | Noise Target Control                     | O            |
|                   | Weather Information Interlocking Control | O            |
| Installation      | Test Function                            | O            |
| Special Functions | Comfort Cooling (Humidity Control)       | O            |
|                   | ODU Dry Contact Function                 | O            |
|                   | High Static Pressure Compensation        | O            |
|                   | Continuous Cooling                       | O            |
|                   | Continuous Heating(Partial Defrost)      | O            |
|                   | Convenient Energy Check                  | O            |
|                   | Automatic Tuning Upgrade                 | O            |
|                   | Remote Software Upgrade                  | O            |
|                   | AI Smart Care                            | O            |
|                   | AI Indoor Space Care                     | O            |
|                   | AI Energy Target Control                 | O            |
|                   | AI Smart Diagnosis                       | O            |

### Note

■ O : Applied, X : Not applied

- Accessory : Ordered and purchased separately the accessory package referring to the model name provided and install at field.
- Accessory line-ups varies by region, so check your local catalogue or local sales material.

### 3. Accessory Compatibility List

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6

| Category           | Accessory Name         | Model Name | Description                                                                            | Compatibility |
|--------------------|------------------------|------------|----------------------------------------------------------------------------------------|---------------|
| Central Controller | AC EZ                  | PQCSZ250S0 | -                                                                                      | O             |
|                    | AC EZ touch            | PACEZA000  | Touch type                                                                             | O             |
|                    | AC Smart IV            | PACS4B000  | Touch type                                                                             | O             |
|                    | AC Smart 5             | PACS5A000  | Touch type                                                                             | O             |
|                    | ACP IV                 | PACP4B000  | -                                                                                      | O             |
|                    | ACP 5                  | PACP5A000  | -                                                                                      | O             |
|                    | AC Manager IV          | PACM4B000  | For Integrated Control                                                                 | O             |
|                    | AC Manager 5           | PACM5A000  | For Integrated Control                                                                 | O             |
| Gateway            | ACP BACnet             | PQNFB17C0  | -                                                                                      | O             |
|                    | ACP Lonwork            | PLNWK000   | -                                                                                      | O             |
|                    | Cloud Gateway          | PWFMD0200  | -                                                                                      | O             |
|                    | Modbus RTU Gateway     | PMBUS00A   | To interwork with 3rd Party Controller or BMS for Multi V / ERV (DX) / AWHP / Hydrokit | O             |
| Integration Device | IO Module              | PVDSMN000  | ODU Dry Contact                                                                        | O             |
|                    | AI Module              | PACTLA000  | For application of AI function                                                         | O (Embedded)  |
|                    | Cool/Heat Selector     | PRDSBM     | -                                                                                      | O             |
|                    | Low Ambient Kit        | PRVC2      | -                                                                                      | O             |
|                    | AHU comm. kit          | PAHCMR000  | For AHU Control (Multi V / Single ODU Communication)                                   | O             |
|                    |                        | PAHCMS000  | For AHU Control (Multi V / Single ODU Communication)                                   | O             |
|                    | AHU Controller Module  | PAHCMC000  | For AHU Control (Communication Module)                                                 | O             |
|                    |                        | PAHCMM000  | For AHU Control (Main Module)                                                          | O             |
|                    | AHU Control kit        | PAHCNM000  | Maximum Connectable ODU is 3 Units                                                     | O             |
|                    | EEV Kit                | PRLK048A0  | Capacity Range( ~ 28kW)                                                                | O             |
|                    |                        | PRLK096A0  | Capacity Range( ~ 56kW)                                                                | O             |
|                    |                        | PRLK396A0  | Capacity Range( ~ 112kW)                                                               | O             |
|                    |                        | PRLK594A0  | Capacity Range( ~ 168kW)                                                               | O             |
|                    | Water comm. module     | PAHCMW000  | Water Communication Module                                                             | O             |
|                    | PDI Standard           | PPWRDB000  | Power distributor 2port                                                                | O             |
|                    | PDI Premium            | PQNUD1S40  | Power distributor 8port                                                                | O             |
| ETC                | DS(Data Saving) Module | PVDATN000  | Data Saving Module                                                                     | O             |

#### Note

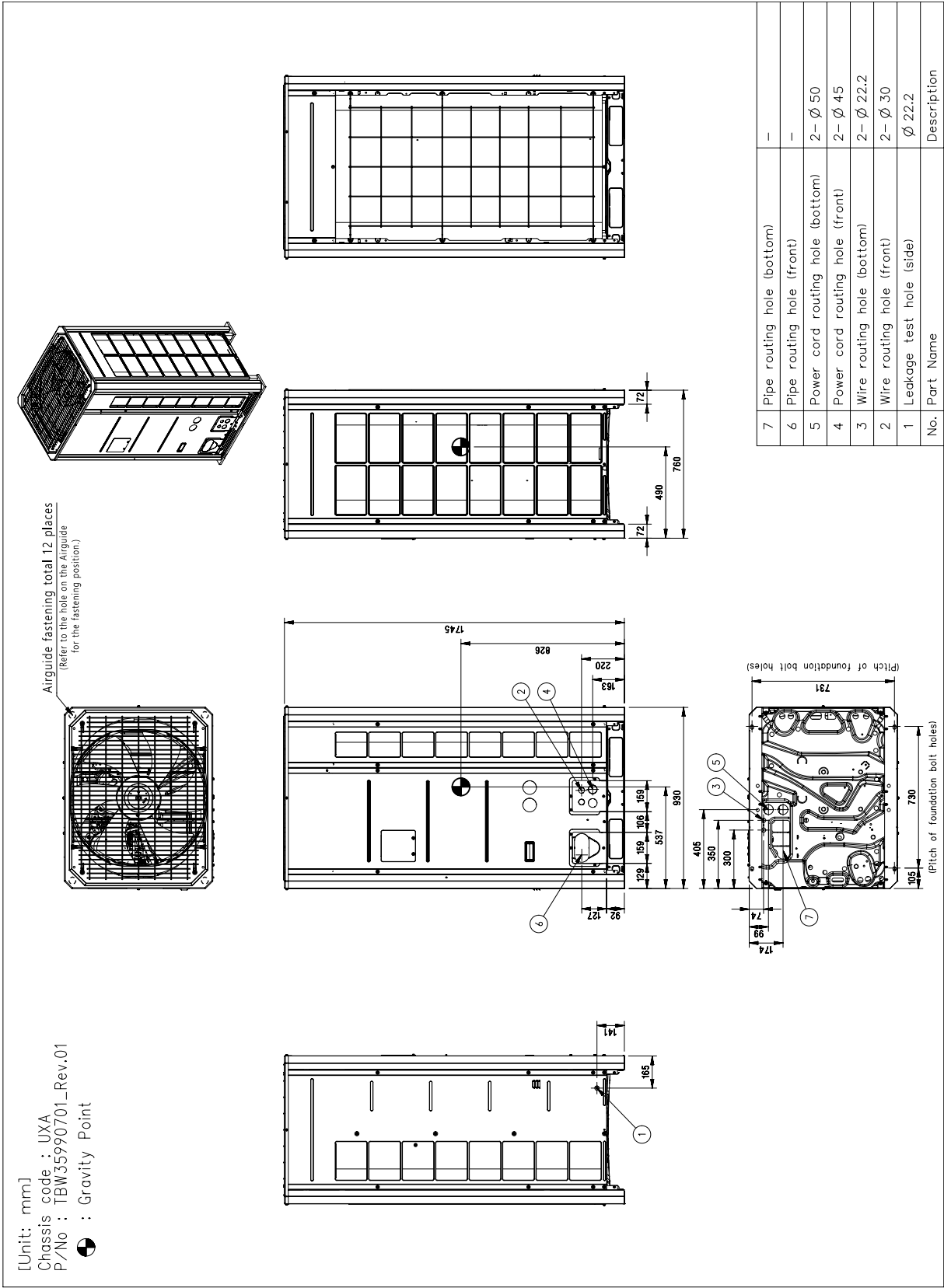
- O: Possible, X: Impossible, -: Unconfirmed or irrelevant
- \*: Some advanced functions controlled by individual controller cannot be operated.
- If there is a difference in development time between the product and the remote controller, some functions cannot be operated.
- AC Manager requires ACP or AC Smart.
- If you need more detail, please refer to the Control(BECON) PDB or the manual of product.  
<http://partner.lge.com> > Select Your Region : Home> Doc.Library> Product > Control(BECON))



4. Dimensions

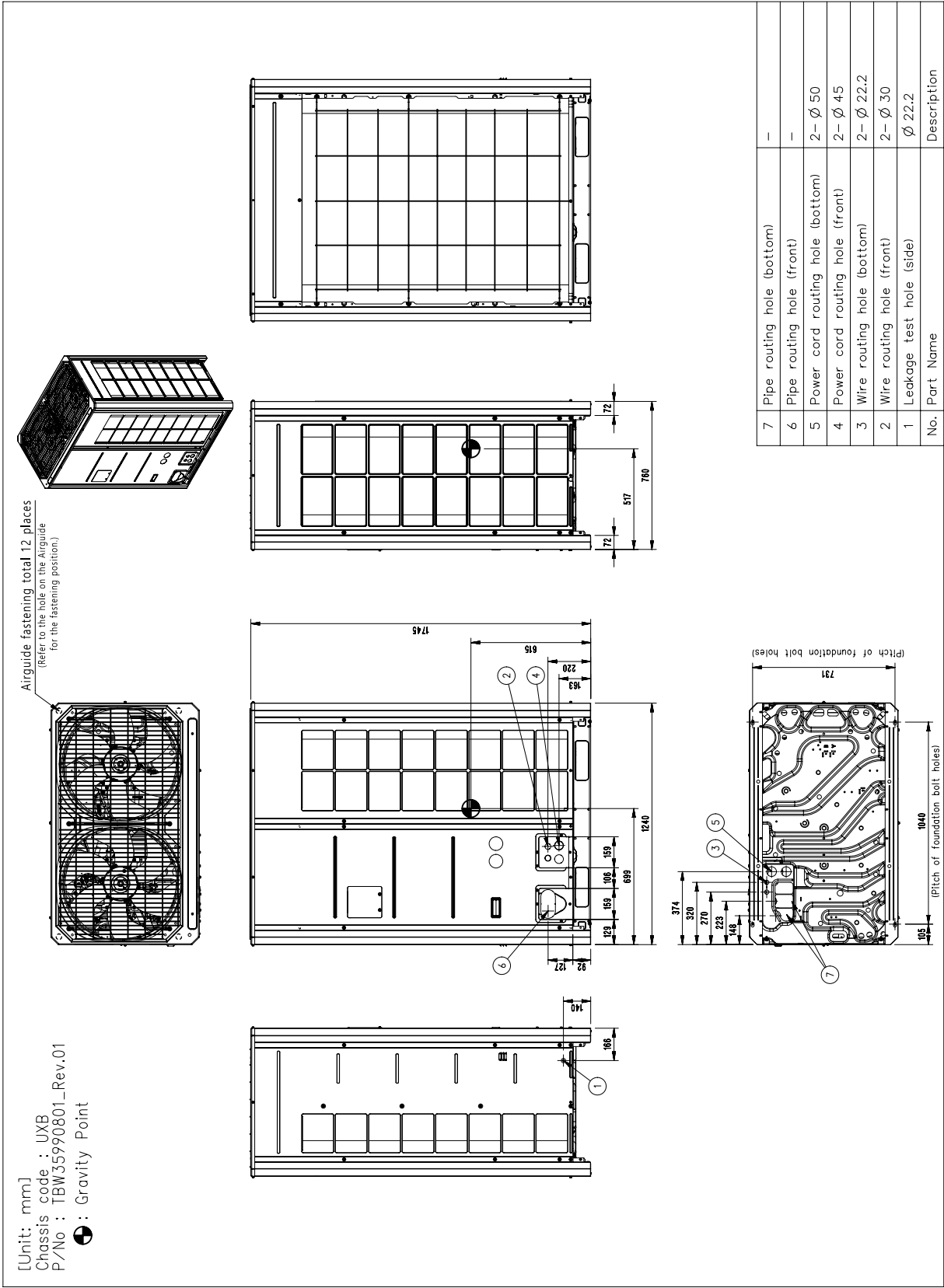
4.1 Dimensional Drawing

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6



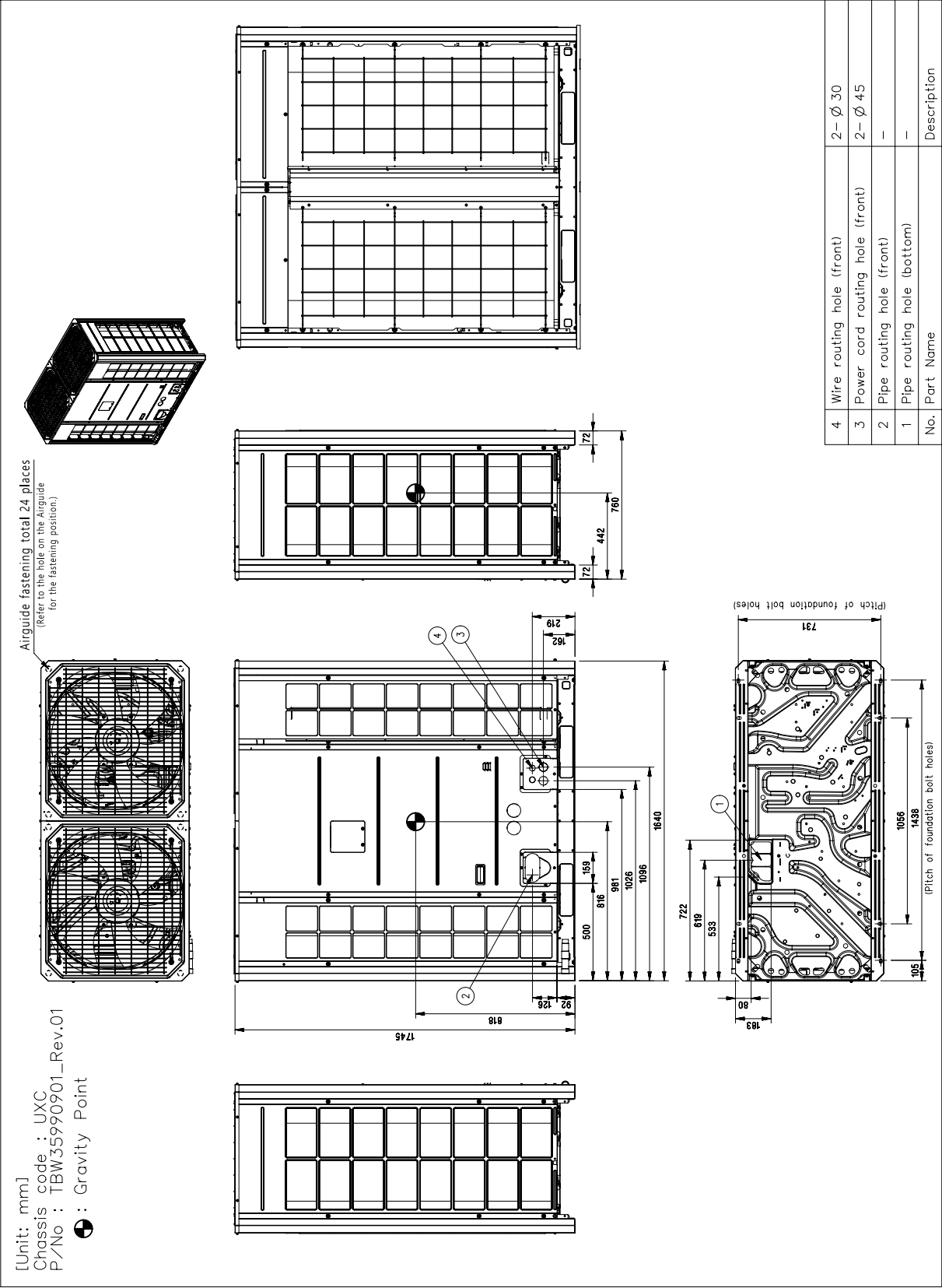
4. Dimensions

ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6



4. Dimensions

ARUM220LTE6, ARUM240LTE6, ARUM260LTE6

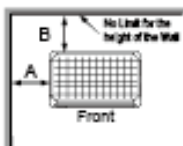
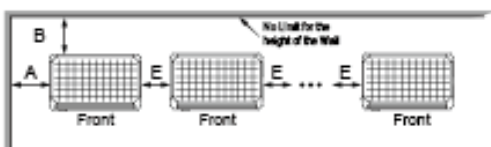
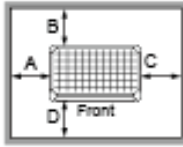
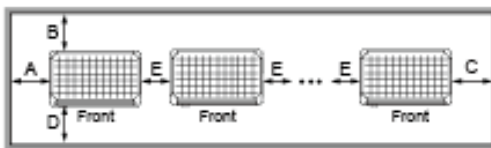
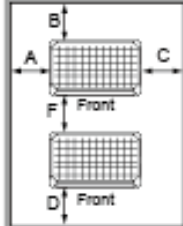
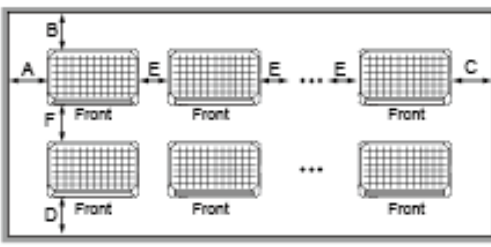
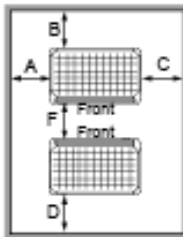


## 4. Dimensions

### 4.2 Installation Space

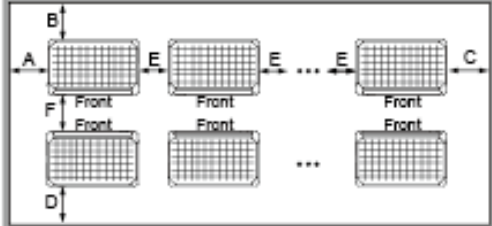
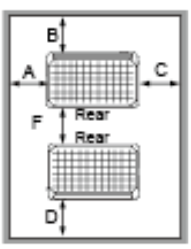
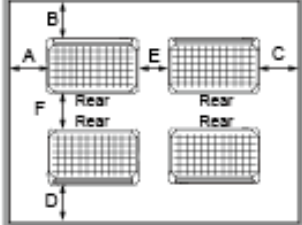
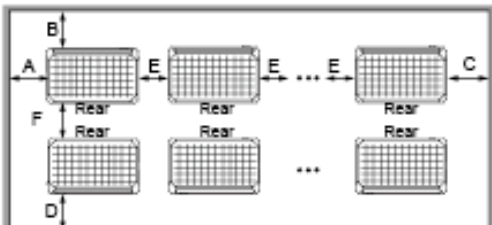
ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6

[Unit : mm(inch)]

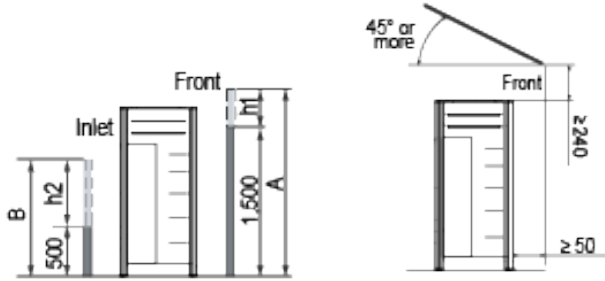
| Installation Scene         |                   | Case 1<br>10(13/32) ≤ A < 50 (1-31/32)                                              | Case 2<br>A ≥ 50 (1-31/32)                                                                                         |                                                                                                                            |
|----------------------------|-------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1 Row Installation         | 2 sides are walls |    | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)                                                                               | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)                                                                                      |
|                            |                   |    | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>E ≥ 400 (15-3/4)                                                           | A ≥ 50 (1-31/32)<br>B ≥ 300 (11-13/16)<br>E ≥ 400 (15-3/4)                                                                 |
|                            | 4 sides are walls |   | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>C ≥ 10 (13/32)<br>D ≥ 500 (19-11/16)                                       | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)<br>C ≥ 50 (1-31/32)<br>D ≥ 500 (19-11/16)                                            |
|                            |                   |  | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>C ≥ 10 (13/32)<br>D ≥ 500 (19-11/16)<br>E ≥ 20 (25/32)                     | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)<br>C ≥ 50 (1-31/32)<br>D ≥ 500 (19-11/16)<br>E ≥ 100 (3-15/16)                       |
| Multiple Rows Installation | Same Direction    |  | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>C ≥ 10 (13/32)<br>D ≥ 500 (19-11/16)<br>F ≥ 600 (23-5/8)                   | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)<br>C ≥ 50 (1-31/32)<br>D ≥ 500 (19-11/16)<br>F ≥ 500 (19-11/16)                      |
|                            |                   |  | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>C ≥ 10 (13/32)<br>D ≥ 500 (19-11/16)<br>E ≥ 20 (25/32)<br>F ≥ 600 (23-5/8) | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)<br>C ≥ 50 (1-31/32)<br>D ≥ 500 (19-11/16)<br>E ≥ 100 (3-15/16)<br>F ≥ 500 (19-11/16) |
|                            | Front to Front    |  | A ≥ 10 (13/32)<br>B ≥ 300 (11-13/16)<br>C ≥ 10 (13/32)<br>D ≥ 300 (11-13/16)<br>F ≥ 500 (19-11/16)                 | A ≥ 50 (1-31/32)<br>B ≥ 100 (3-15/16)<br>C ≥ 50 (1-31/32)<br>D ≥ 100 (3-15/16)<br>F ≥ 500 (19-11/16)                       |

## 4. Dimensions

[Unit : mm(inch)]

| Installation Scene         |                | Case 1<br>$10(13/32) \leq A < 50 (1-31/32)$                                                                                                                                                                                                                                                                                 | Case 2<br>$A \geq 50 (1-31/32)$                                                                                                                                                                                                                |
|----------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Multiple Rows Installation | Front to Front |  <p> <math>A \geq 10 (13/32)</math><br/> <math>B \geq 300 (11-13/16)</math><br/> <math>C \geq 10 (13/32)</math><br/> <math>D \geq 300 (11-13/16)</math><br/> <math>E \geq 20 (25/32)</math><br/> <math>F \geq 500 (19-11/16)</math> </p>   | <p> <math>A \geq 50 (1-31/32)</math><br/> <math>B \geq 100 (3-15/16)</math><br/> <math>C \geq 50 (1-31/32)</math><br/> <math>D \geq 100 (3-15/16)</math><br/> <math>E \geq 100 (3-15/16)</math><br/> <math>F \geq 500 (19-11/16)</math> </p>   |
|                            | Rear to Rear   |  <p> <math>A \geq 10 (13/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 10 (13/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>F \geq 900 (35-7/16)</math> </p>                                        | <p> <math>A \geq 50 (1-31/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 50 (1-31/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>F \geq 600 (23-5/8)</math> </p>                                          |
|                            | Rear to Front  |  <p> <math>A \geq 10 (13/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 10 (13/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>E \geq 20 (25/32)</math><br/> <math>F \geq 1,200 (47-1/4)</math> </p>  | <p> <math>A \geq 50 (1-31/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 50 (1-31/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>E \geq 100 (3-15/16)</math><br/> <math>F \geq 900 (35-7/16)</math> </p>  |
|                            | Front to Rear  |  <p> <math>A \geq 10 (13/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 10 (13/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>E \geq 20 (25/32)</math><br/> <math>F \geq 1,800 (70-7/8)</math> </p> | <p> <math>A \geq 50 (1-31/32)</math><br/> <math>B \geq 500 (19-11/16)</math><br/> <math>C \geq 50 (1-31/32)</math><br/> <math>D \geq 500 (19-11/16)</math><br/> <math>E \geq 100 (3-15/16)</math><br/> <math>F \geq 1,200 (47-1/4)</math> </p> |

※ The height limit of the wall (4 sides wall)



- the wall on the front side :  $A \leq 1,500 (59-1/16)$   
 - the wall on the inlet side :  $B \leq 500 (19-11/16)$   
 - If the height of front or inlet side wall is higher than limit, Additional Space is needed as below.  
 .. for front side  
 :  $[h1(\text{Actual height}(A) - \text{Limit}(1,500)) \div 2]$  or more  
 .. for inlet side  
 :  $[h2(\text{Actual height}(B) - \text{Limit}(500)) \div 2]$  or more  
 - There is no limit to the wall on the side.

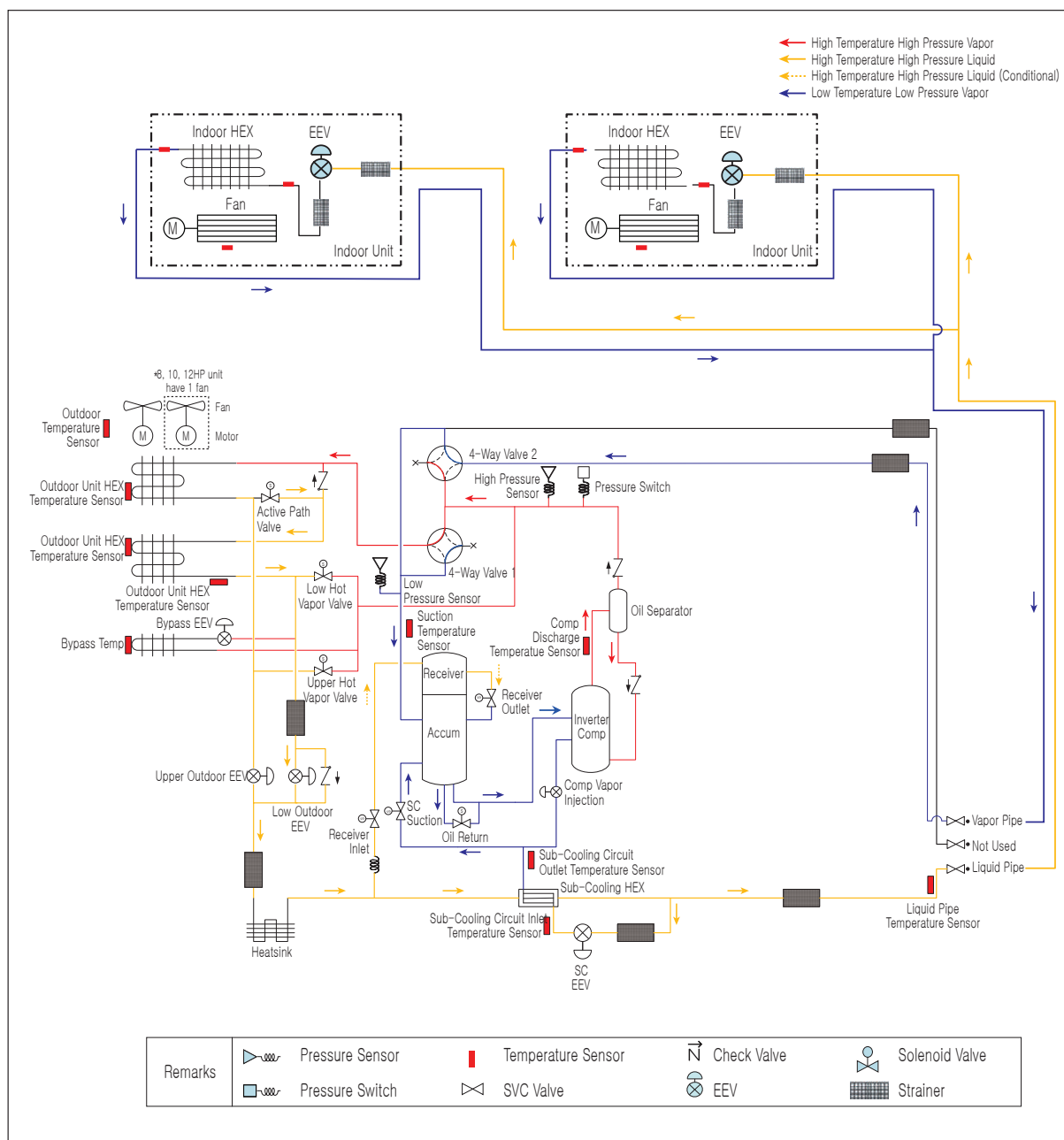
## Note

- If there is a concern about product performance degradation due to group installation or interference with obstacles, secure an additional separation distance.
- For operating Auto Dust Removal Mode, Side space(A) should be 50mm(1-31/32 Inch) or more. Refer to "Case 2"
- Secure enough space for smooth service and maintenance.
- According to product type, model line up, sales region...etc, applicability of each chassis could be different.

## 5. Piping Diagrams

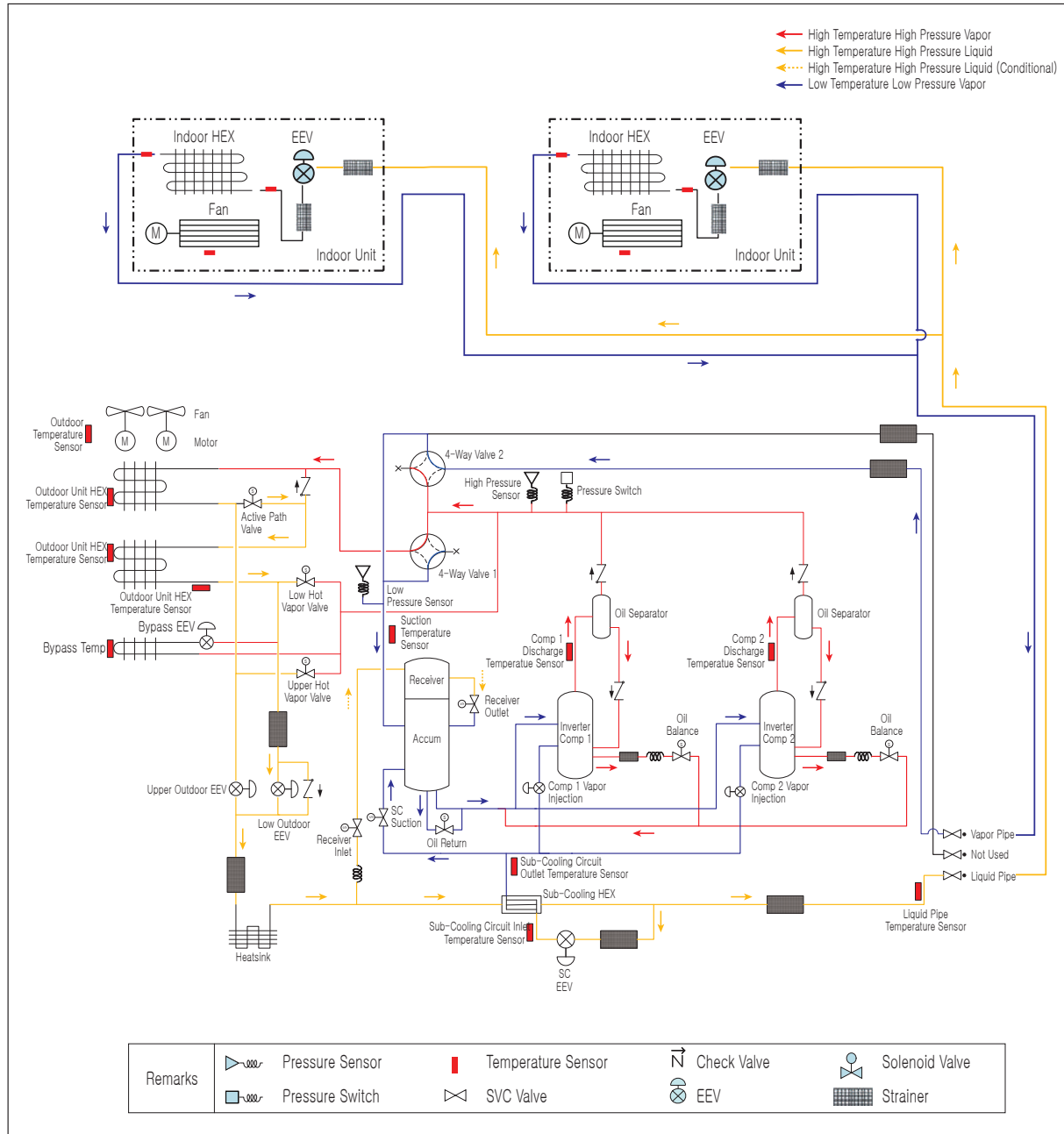
### 5.1 Cooling Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6

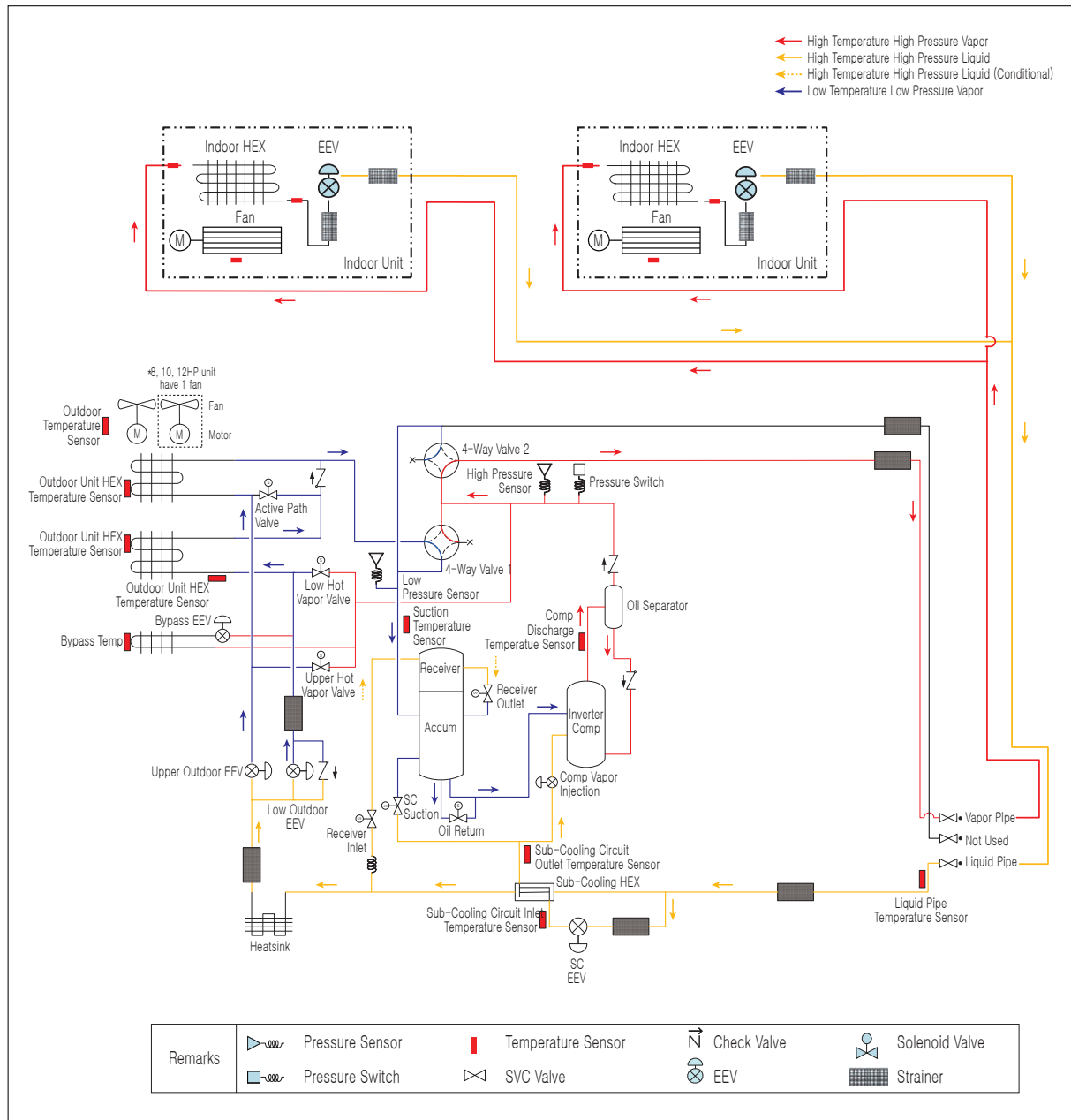




## 5. Piping Diagrams

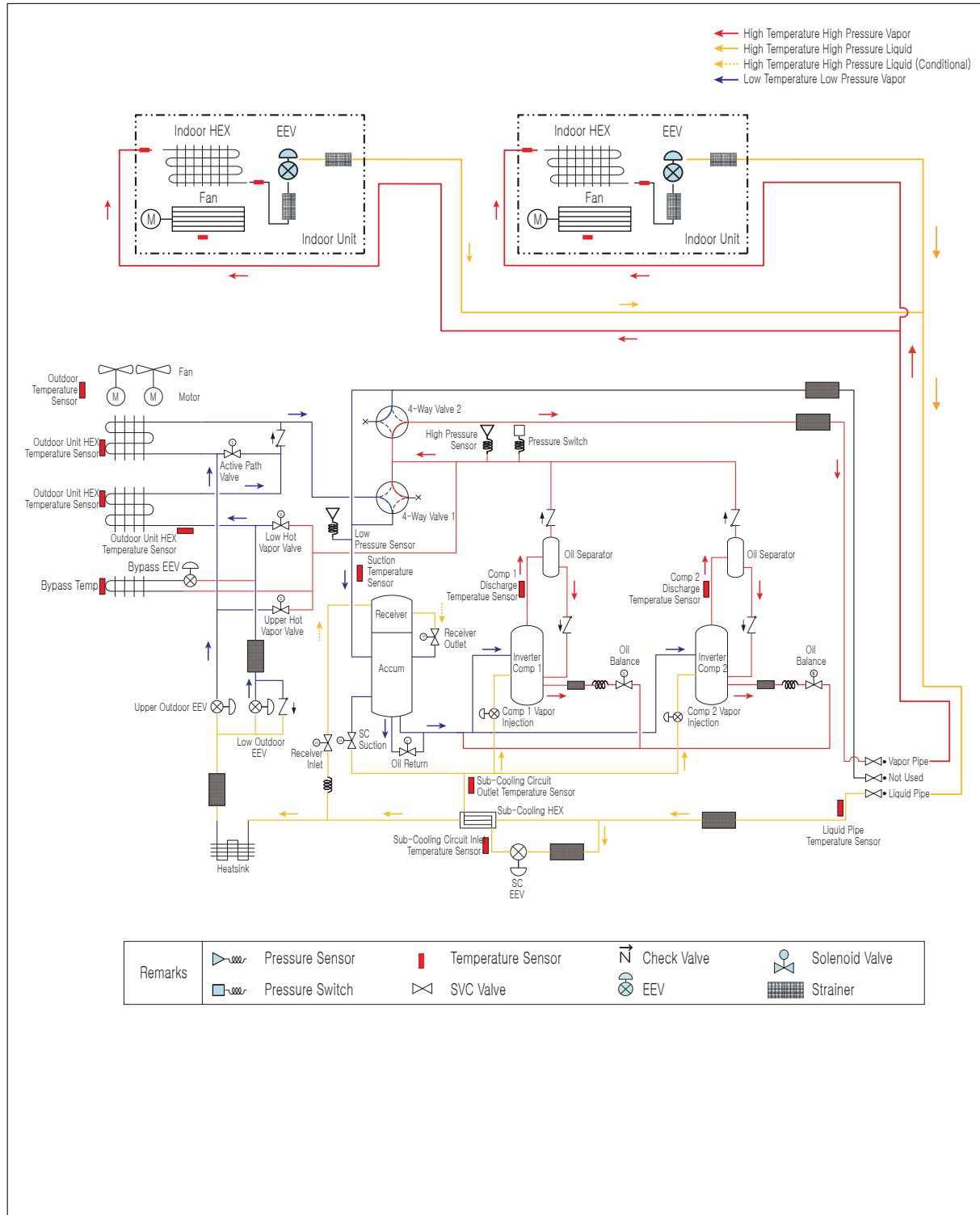
### 5.2 Heating Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



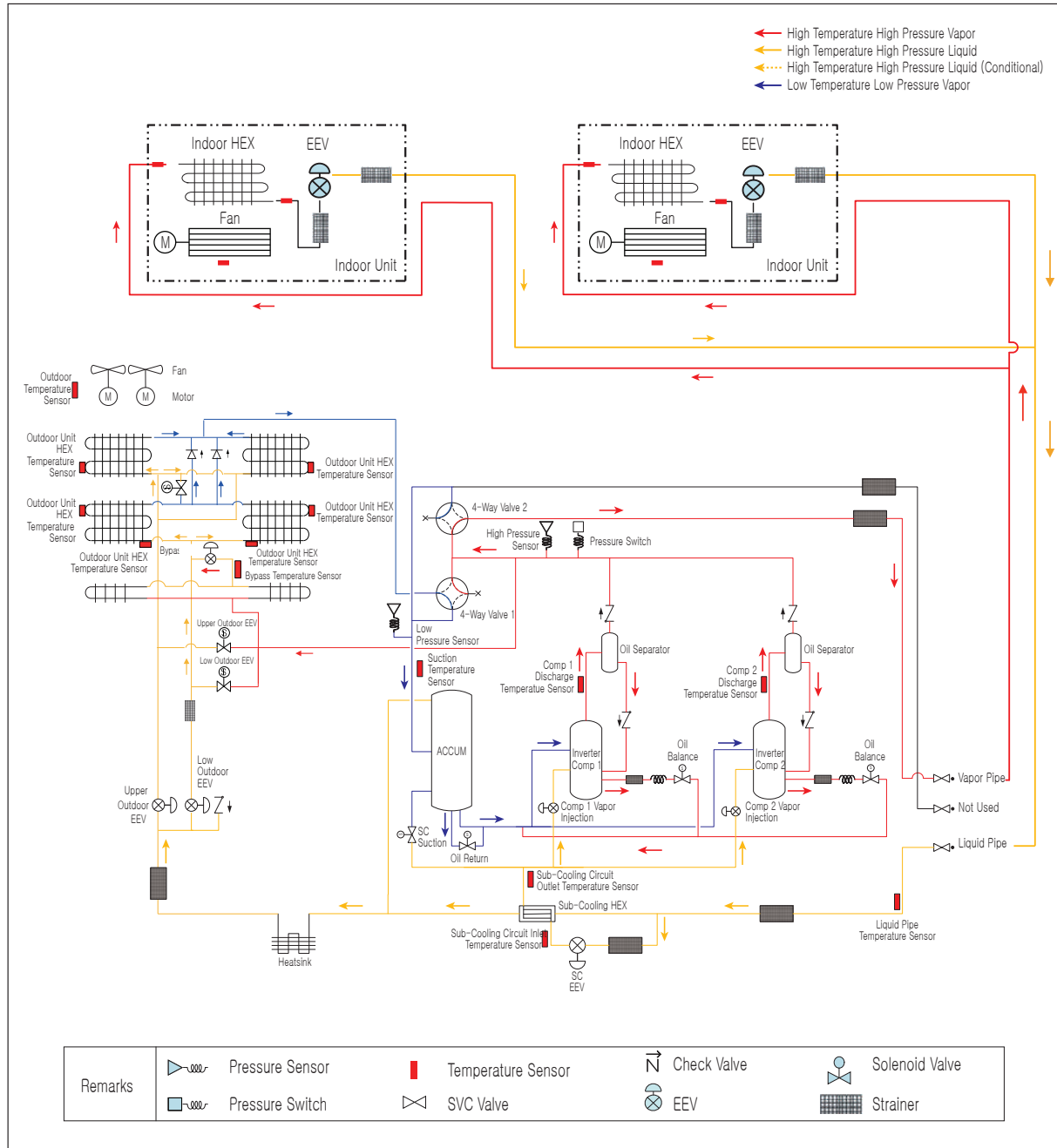
## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## 5. Piping Diagrams

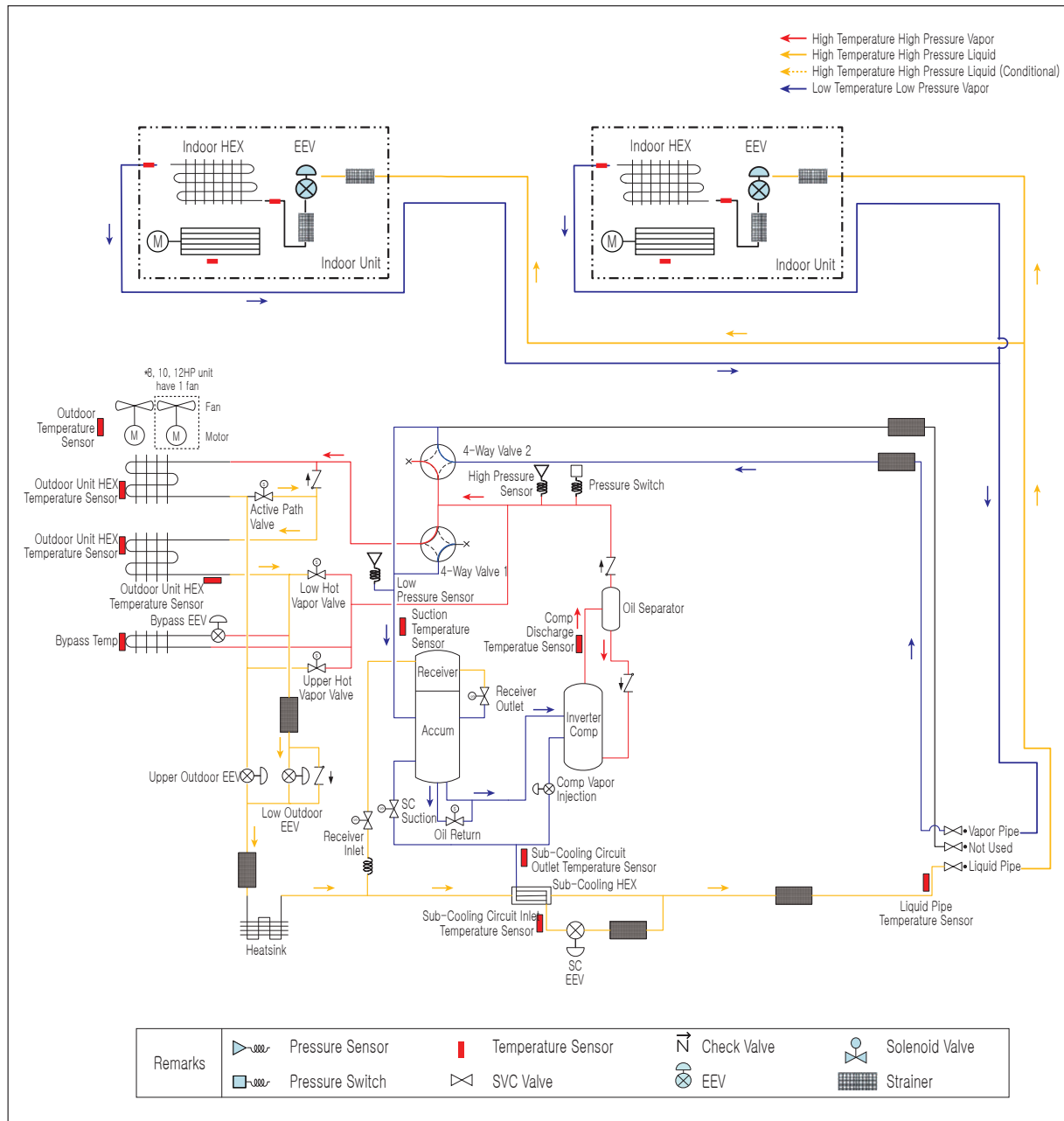
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

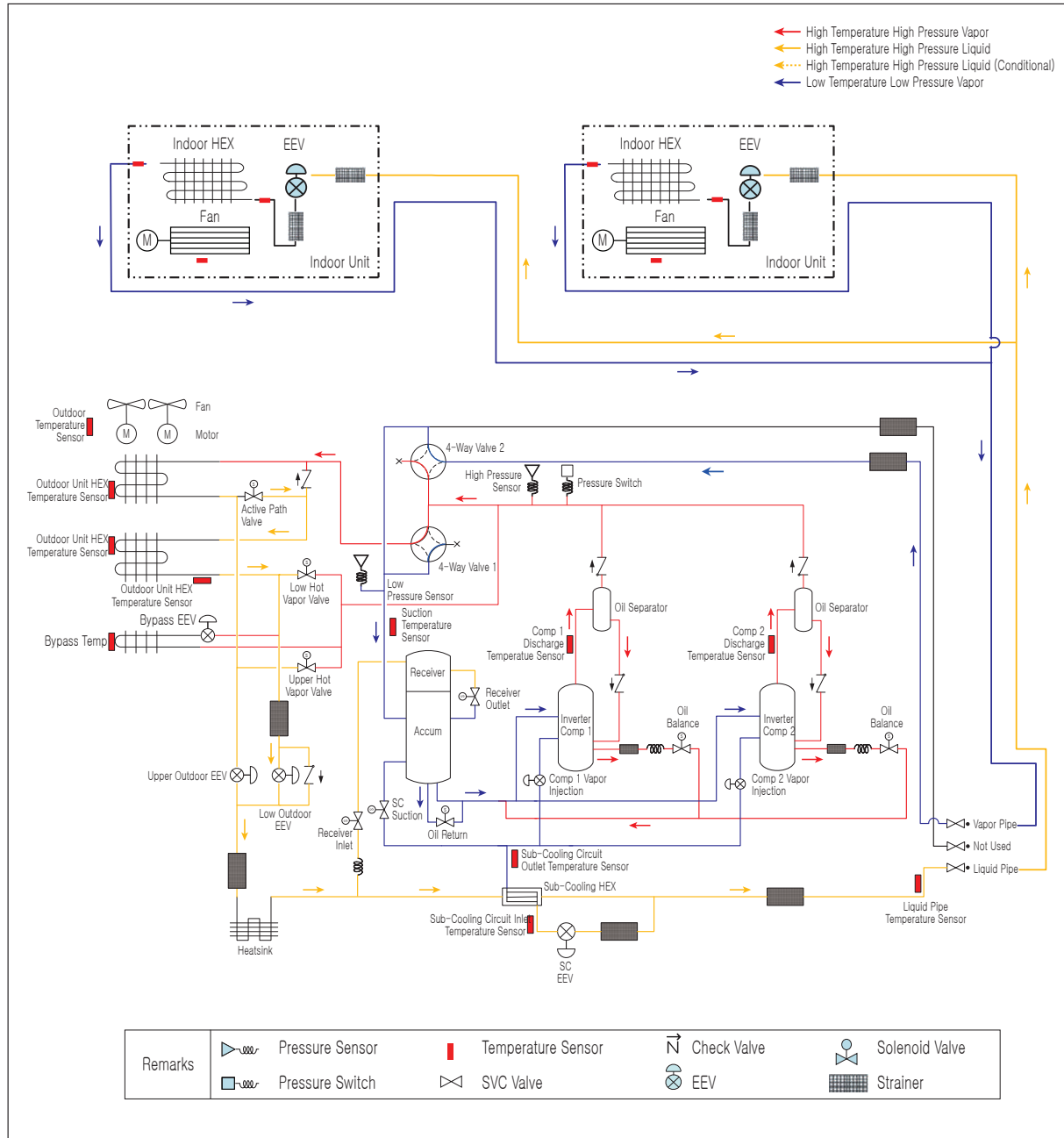
### 5.3 Defrost / Oil Return

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



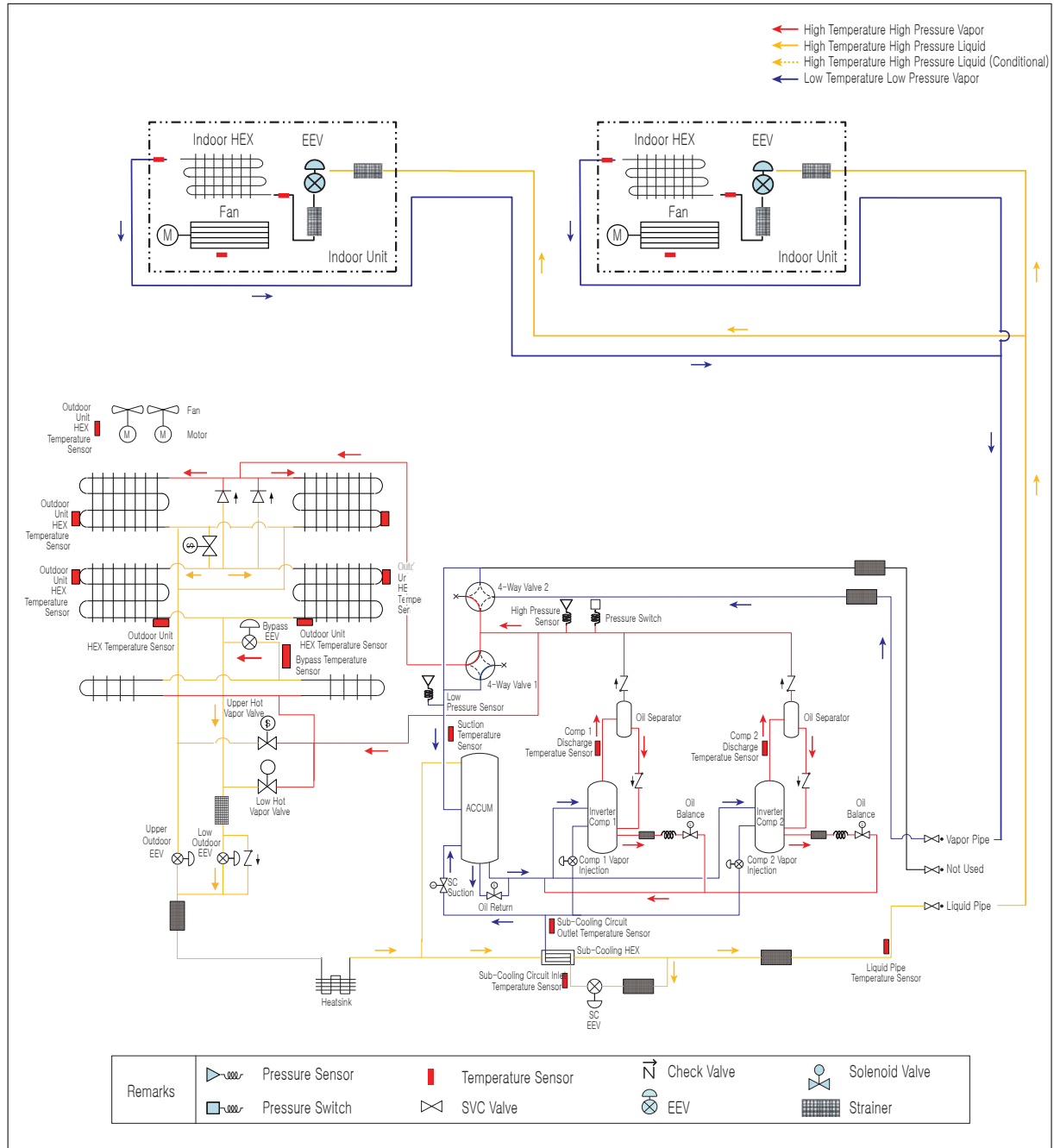
## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## 5. Piping Diagrams

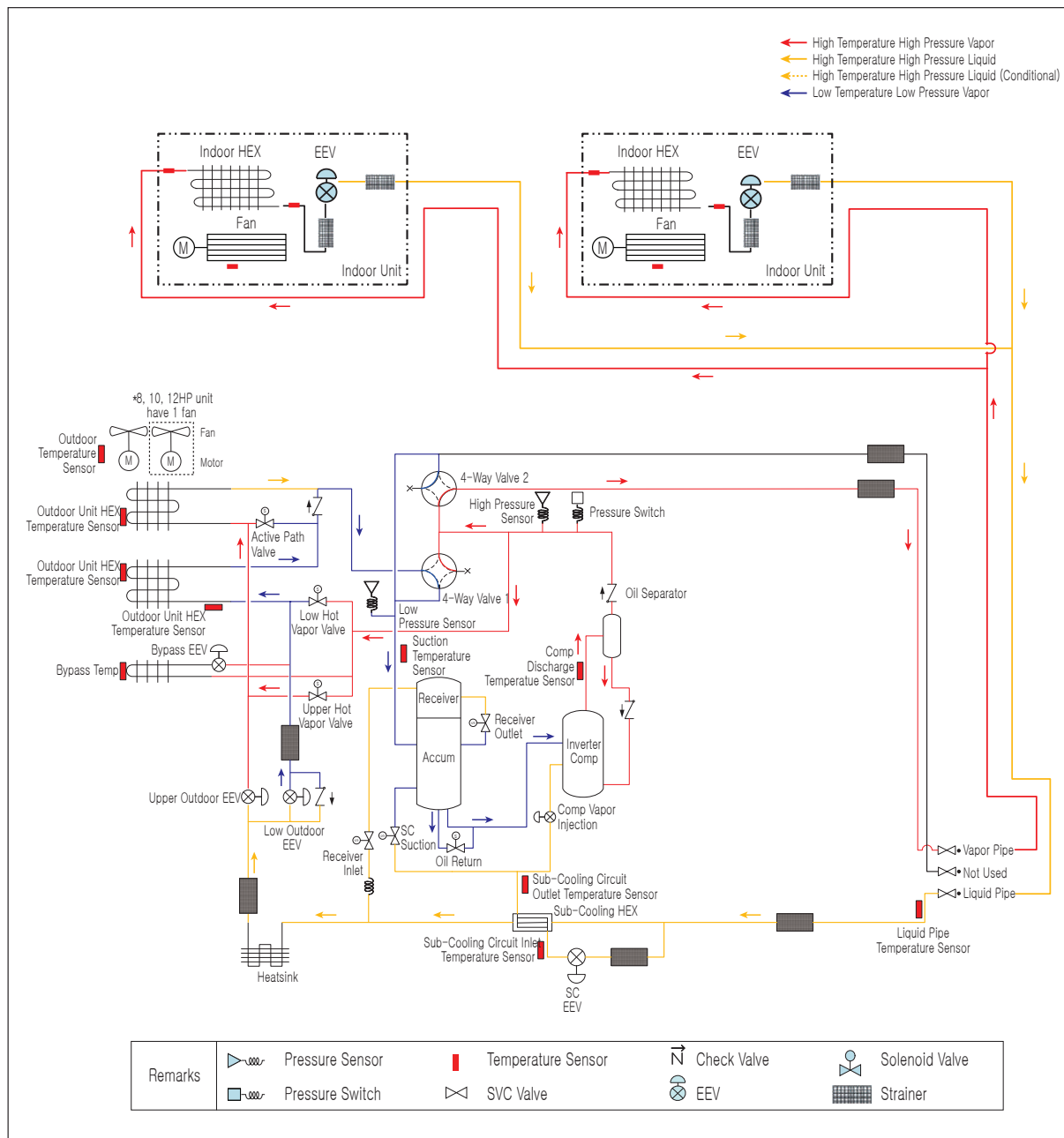
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

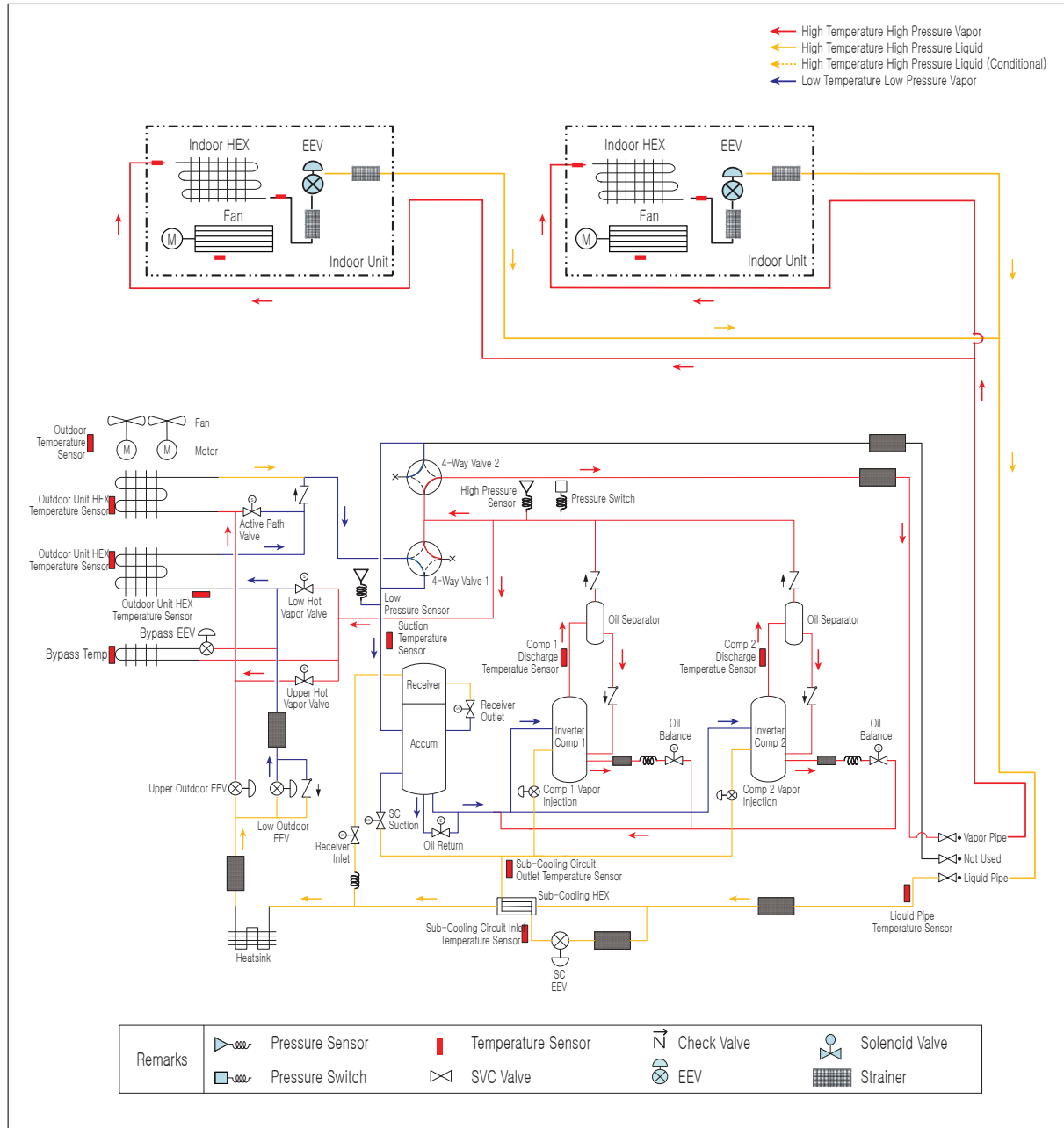
### 5.4 Upper HEX Defrost

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

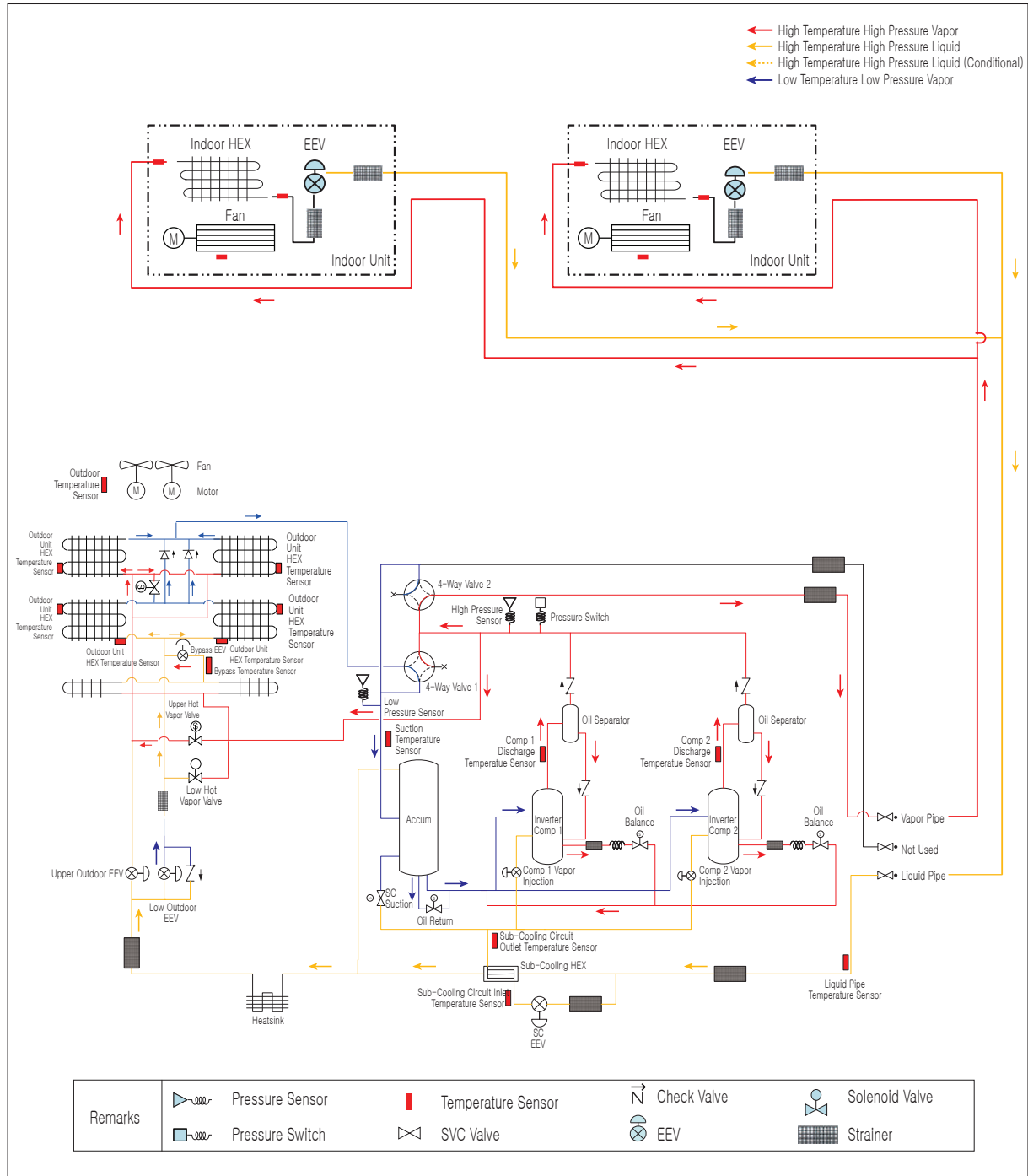
ARUM180LTE6, ARUM200LTE6





## 5. Piping Diagrams

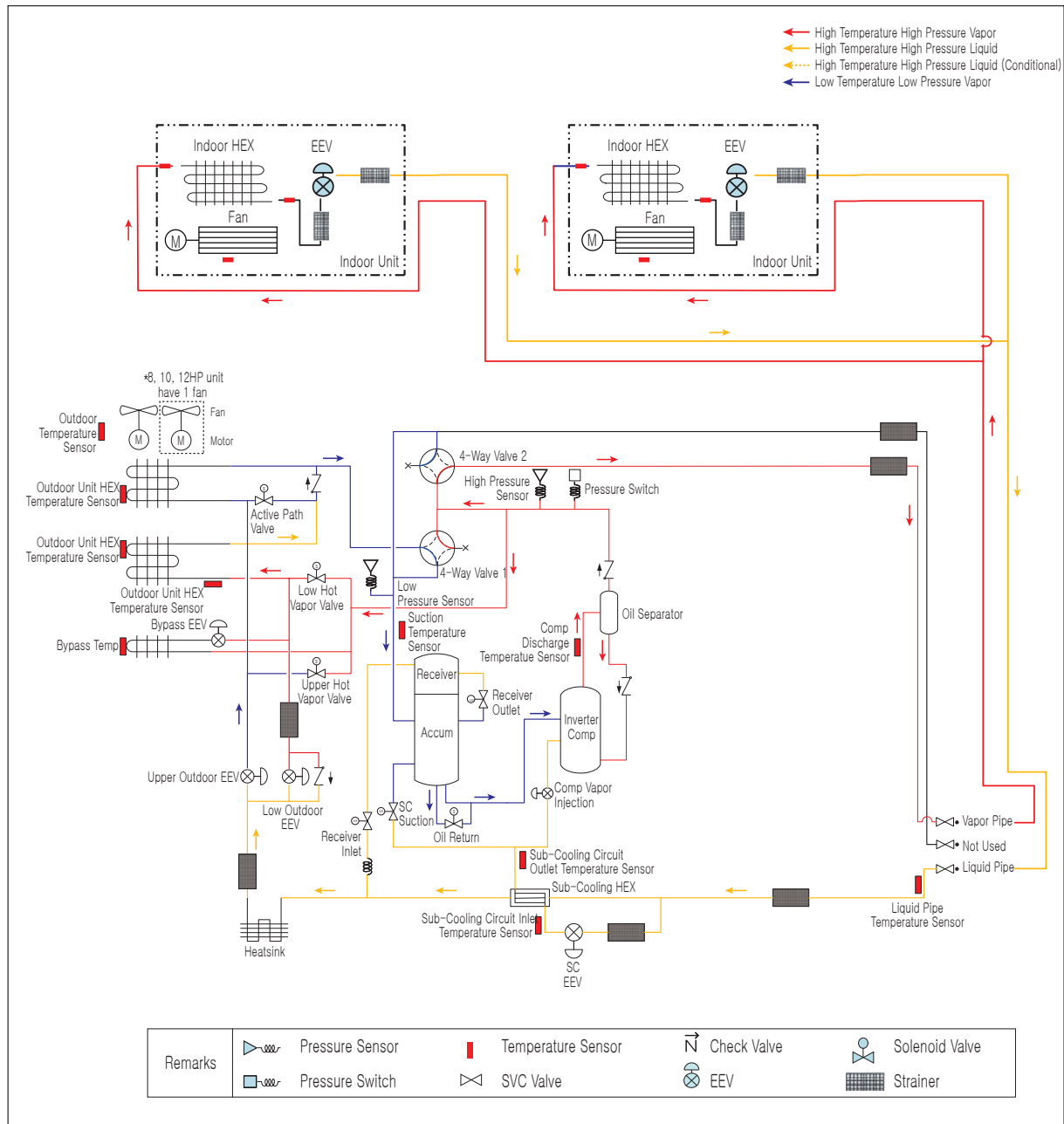
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

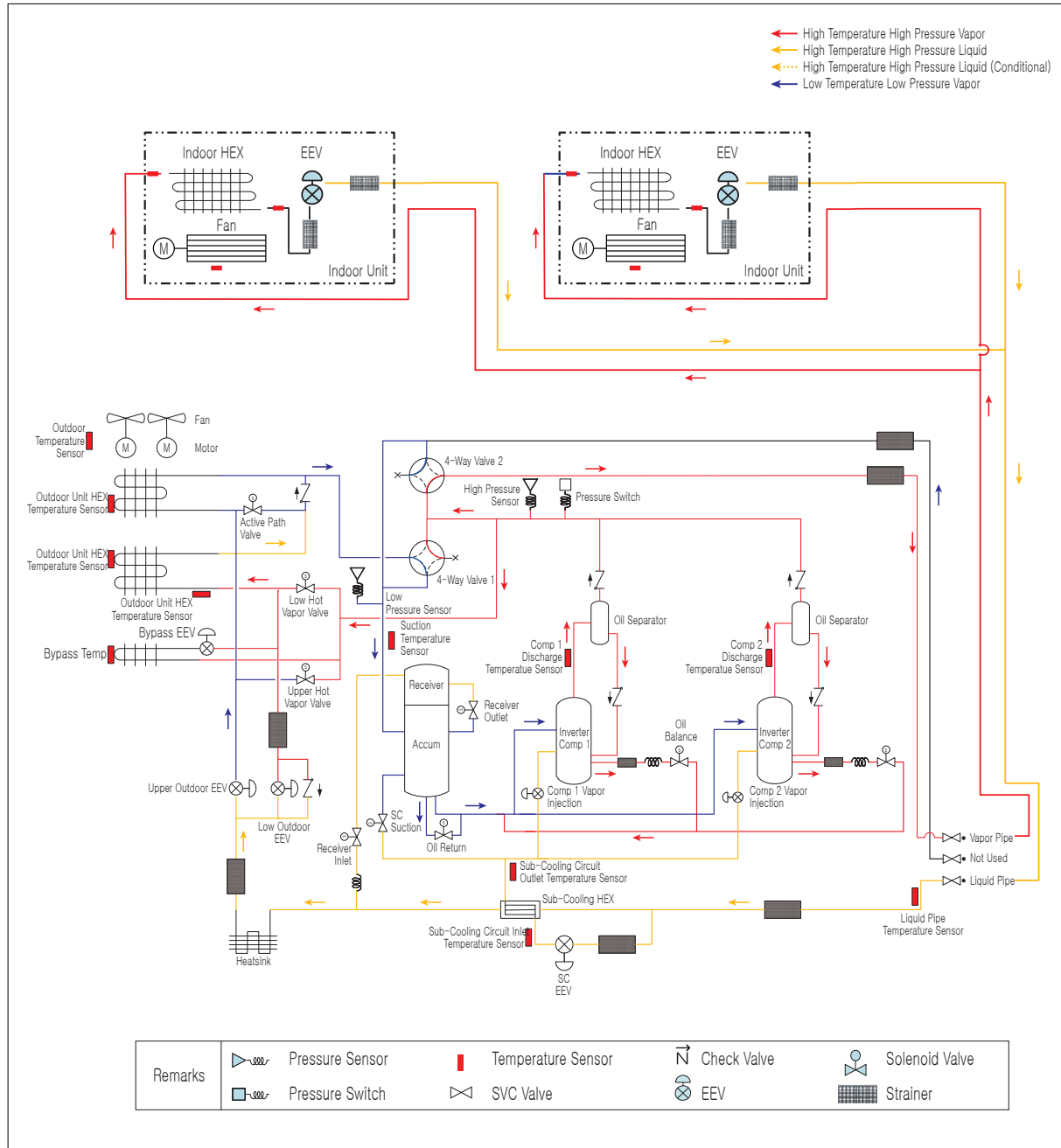
### 5.5 Lower HEX Defrost

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



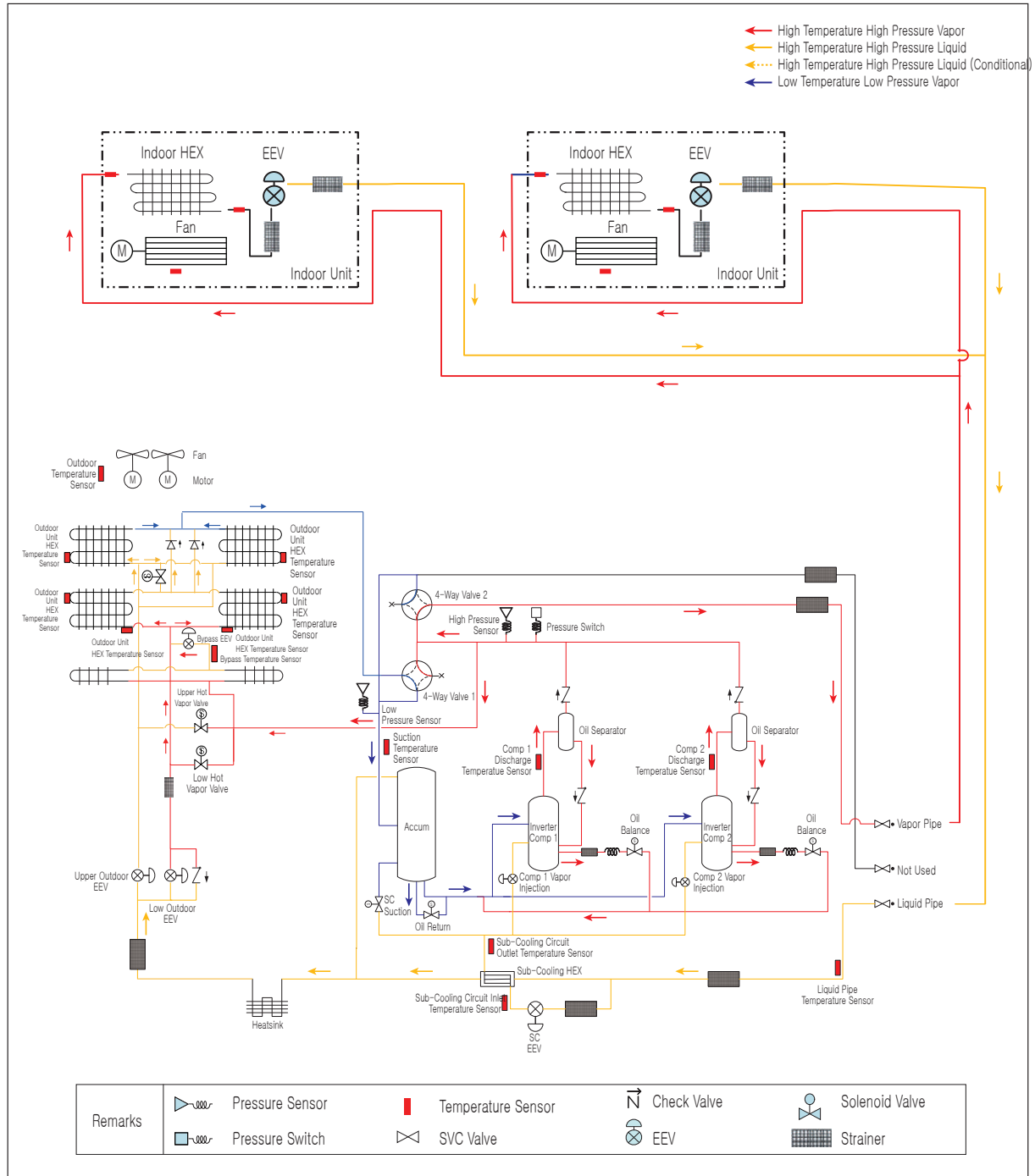
## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## 5. Piping Diagrams

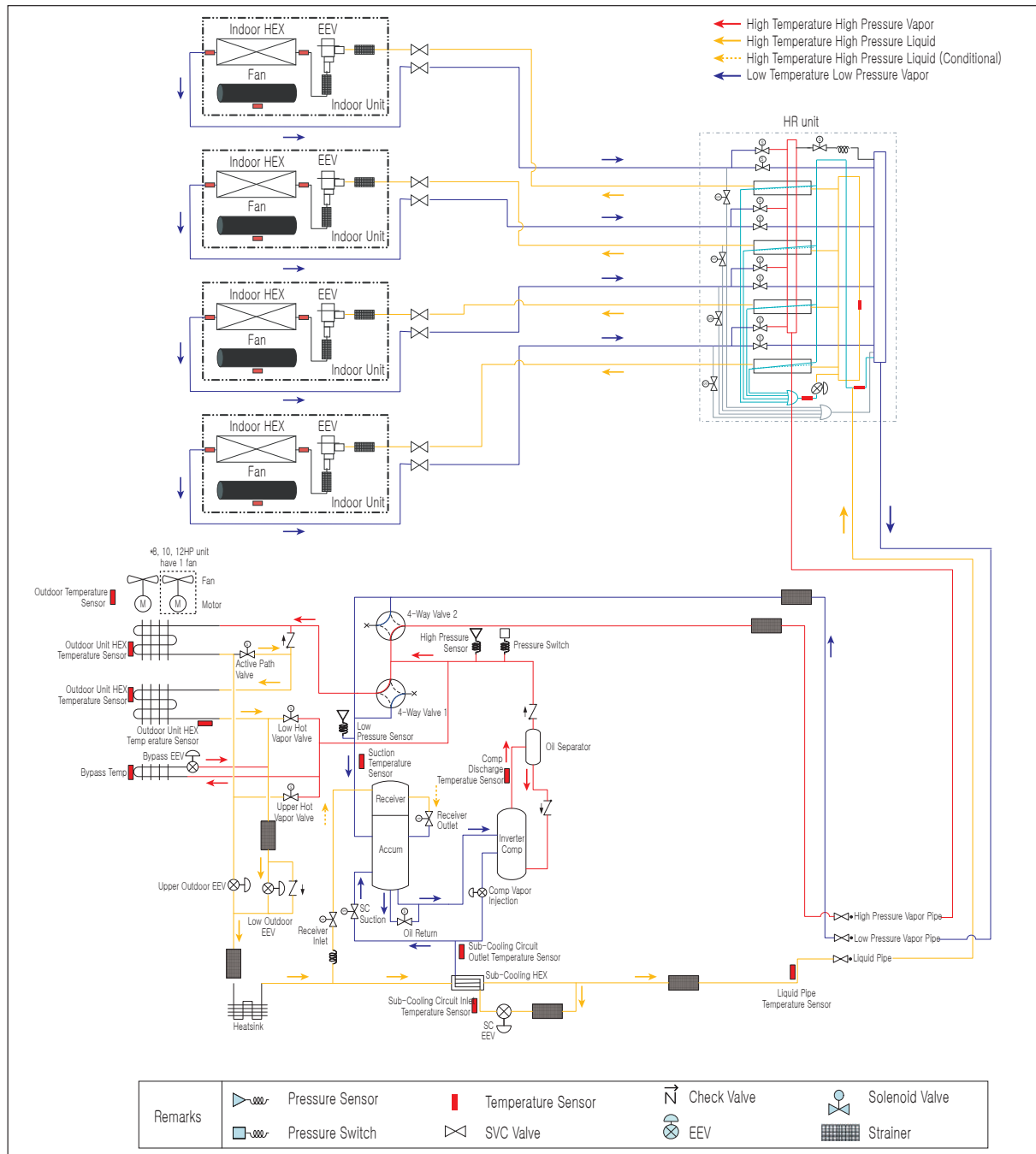
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

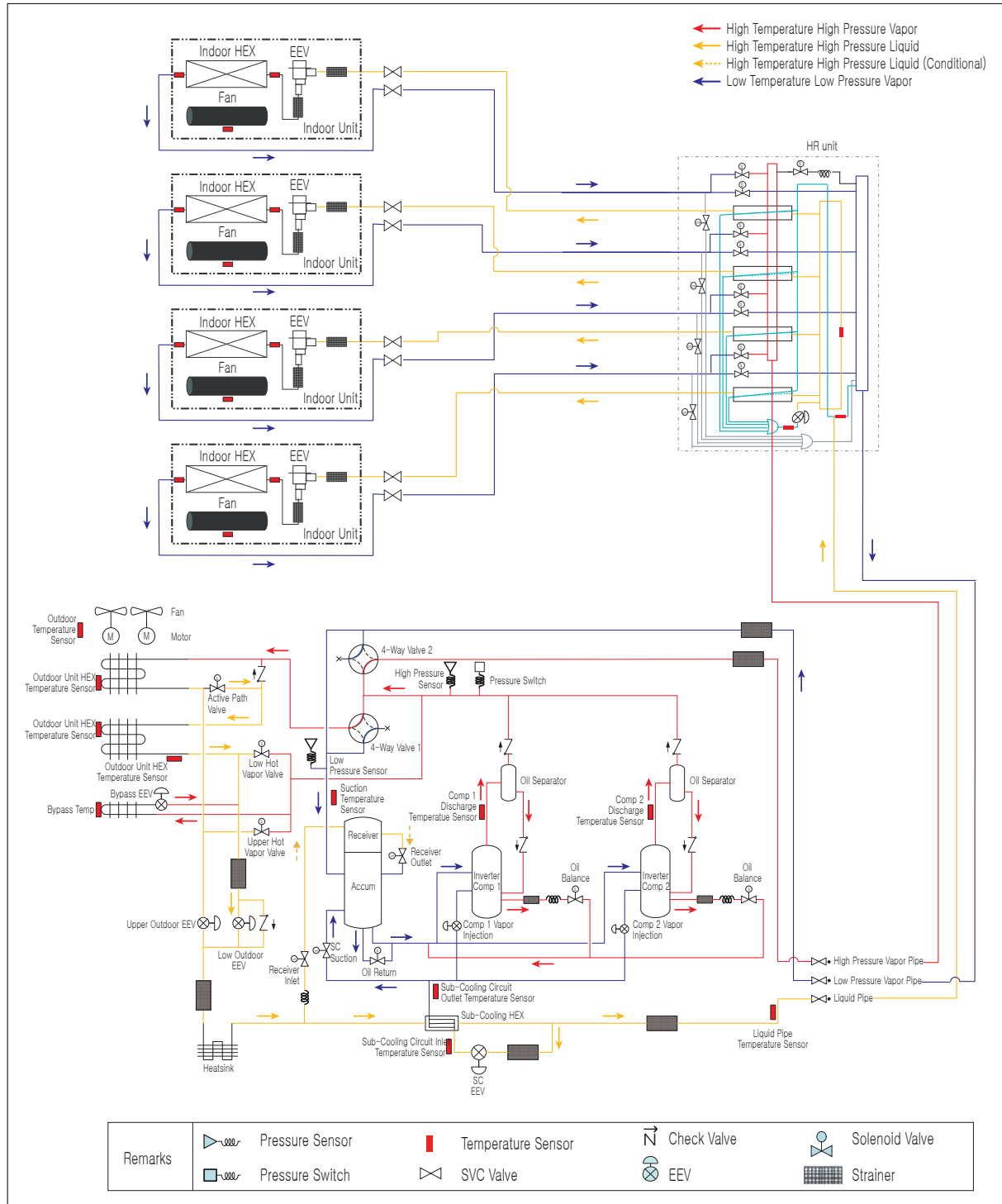
### 5.6 Heat Recovery : Cooling Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



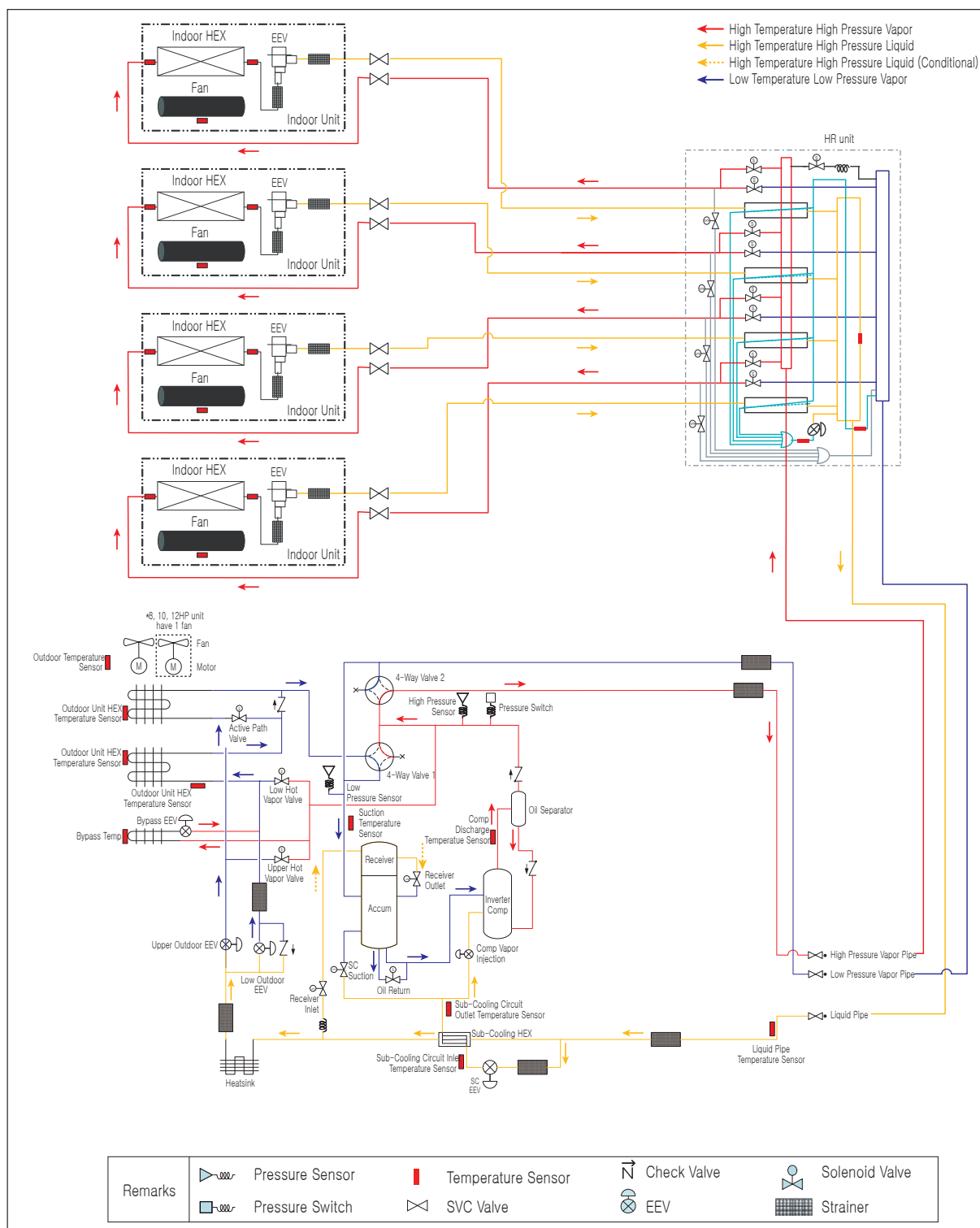
## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

### 5.7 Heat Recovery : Heating Operation

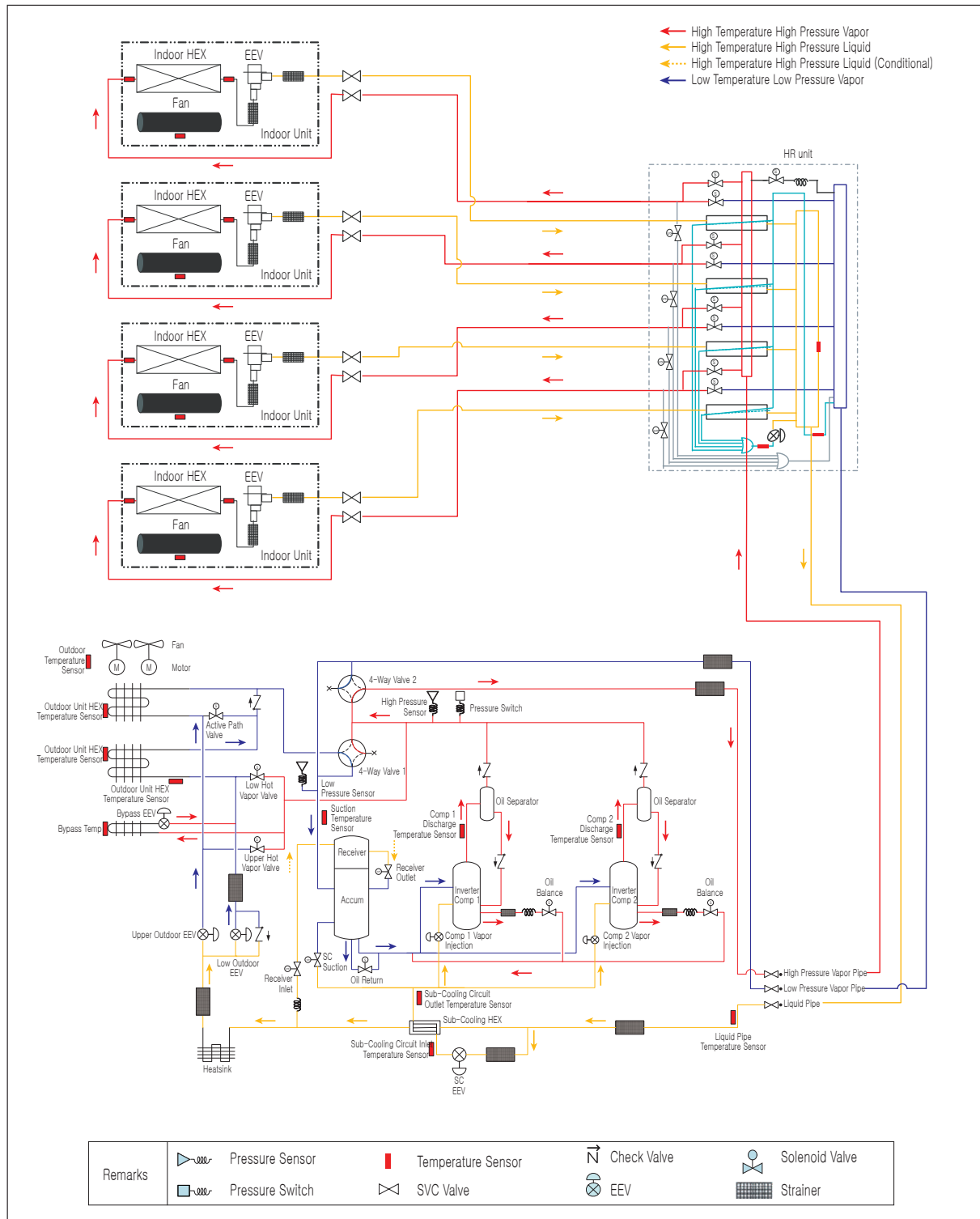
ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6





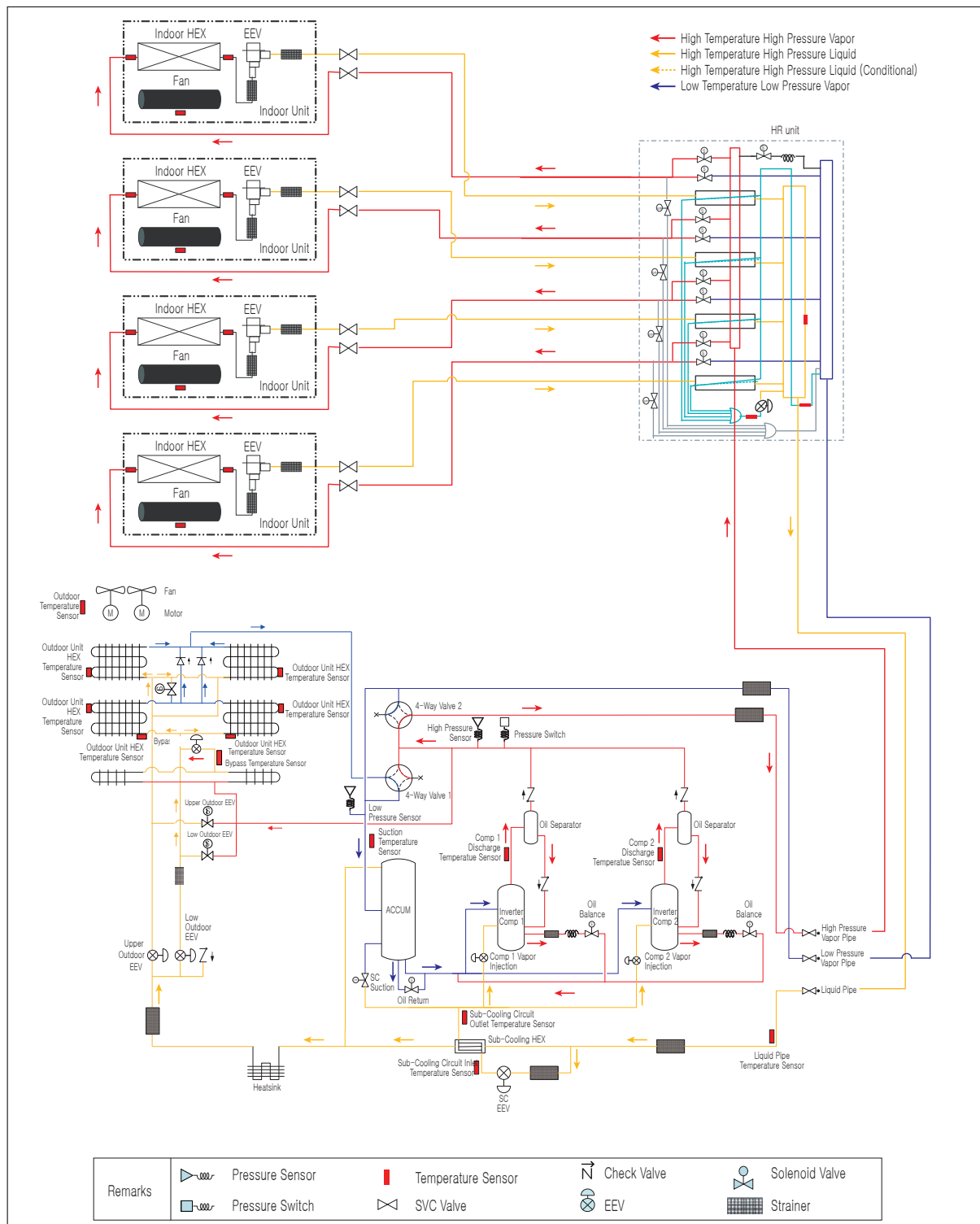
## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## 5. Piping Diagrams

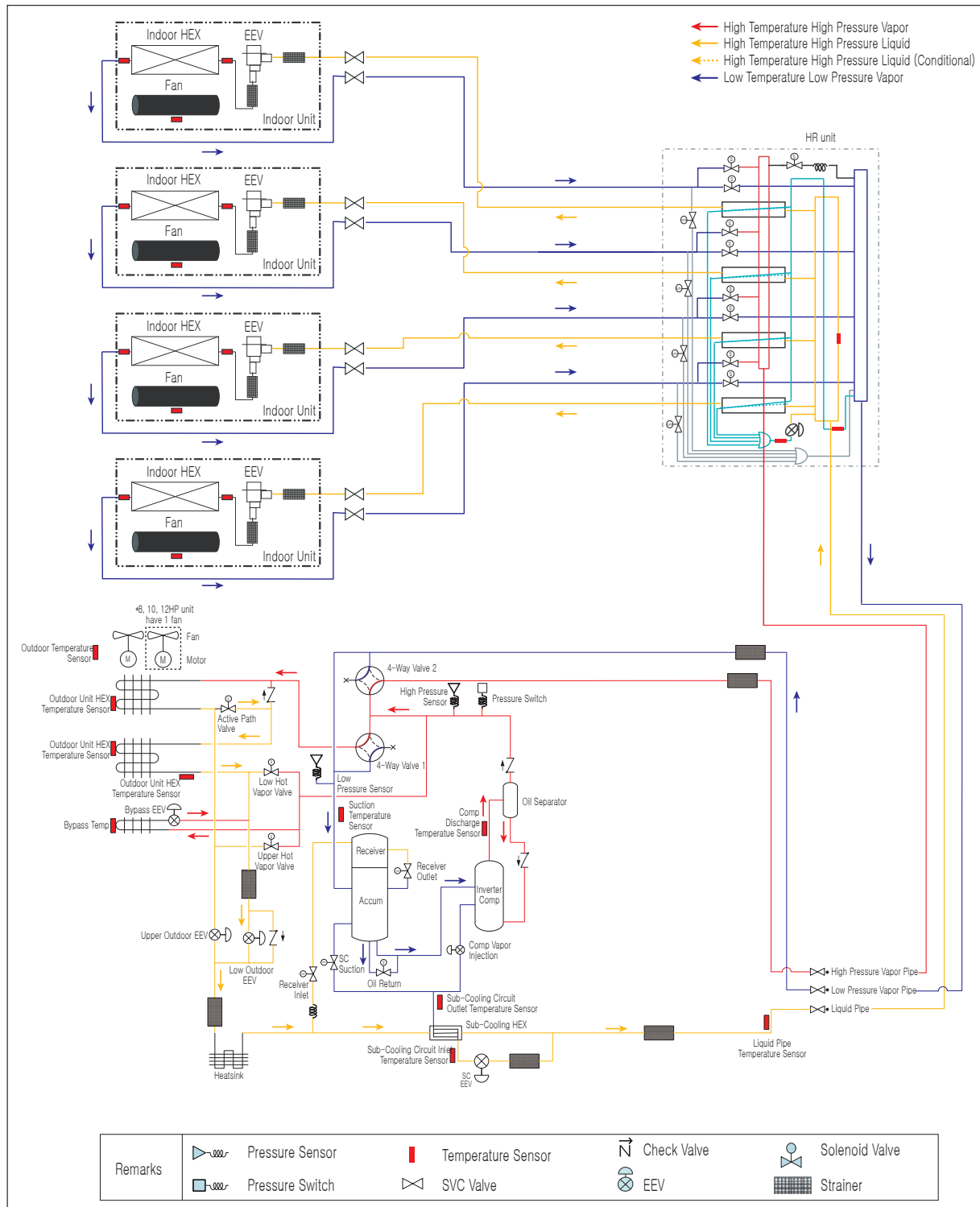
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

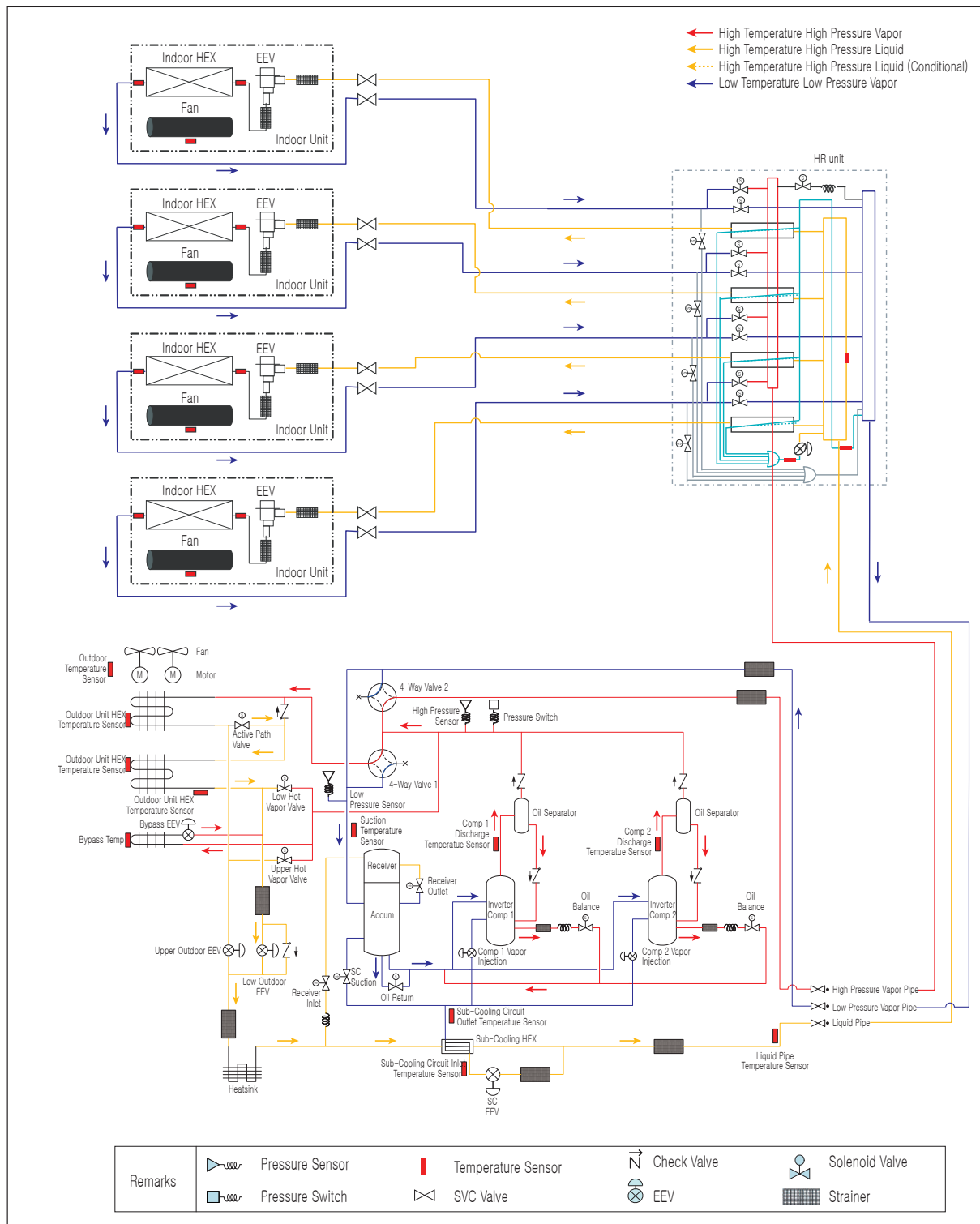
### 5.8 Heat Recovery : Defrost / Oil Return

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



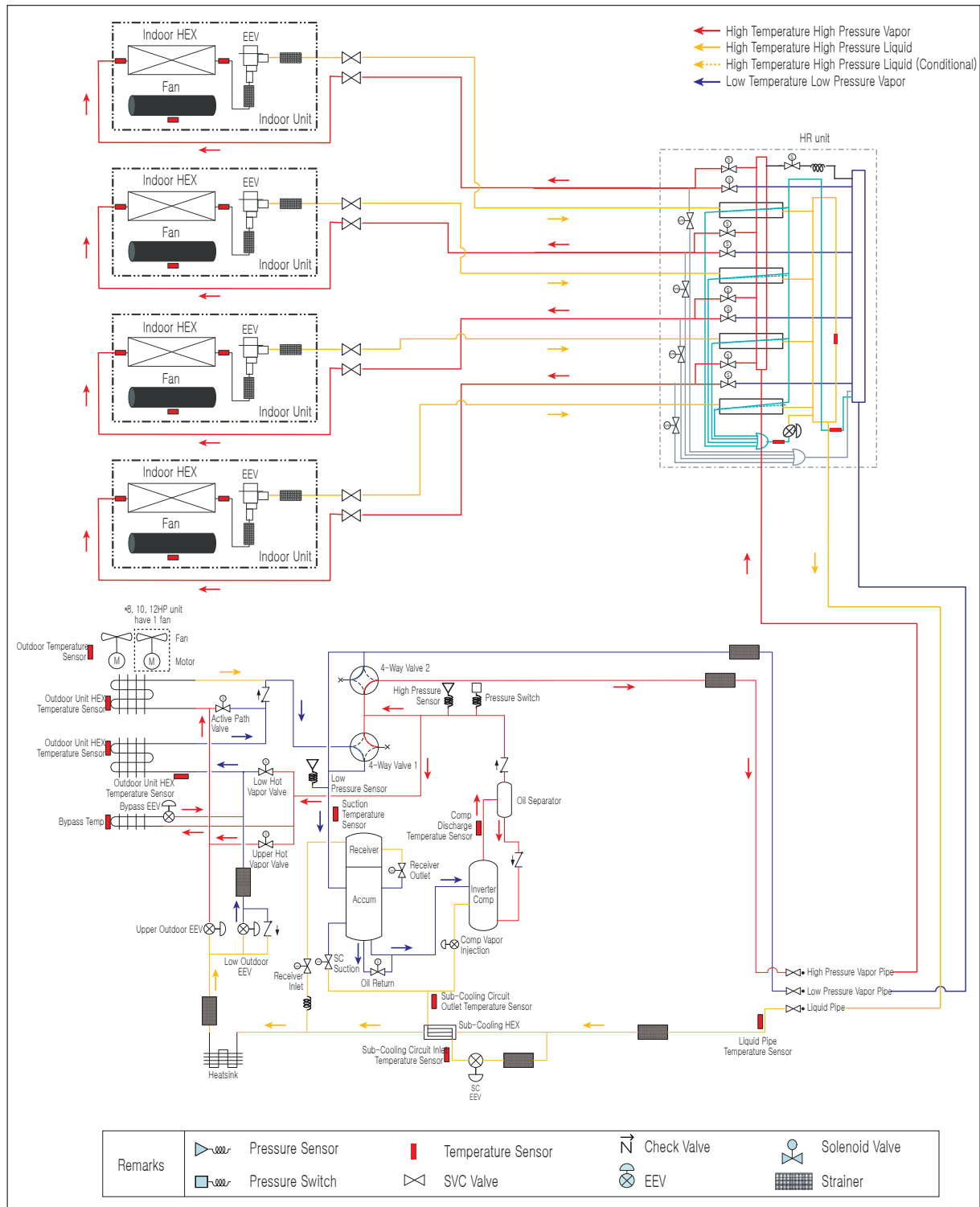
## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

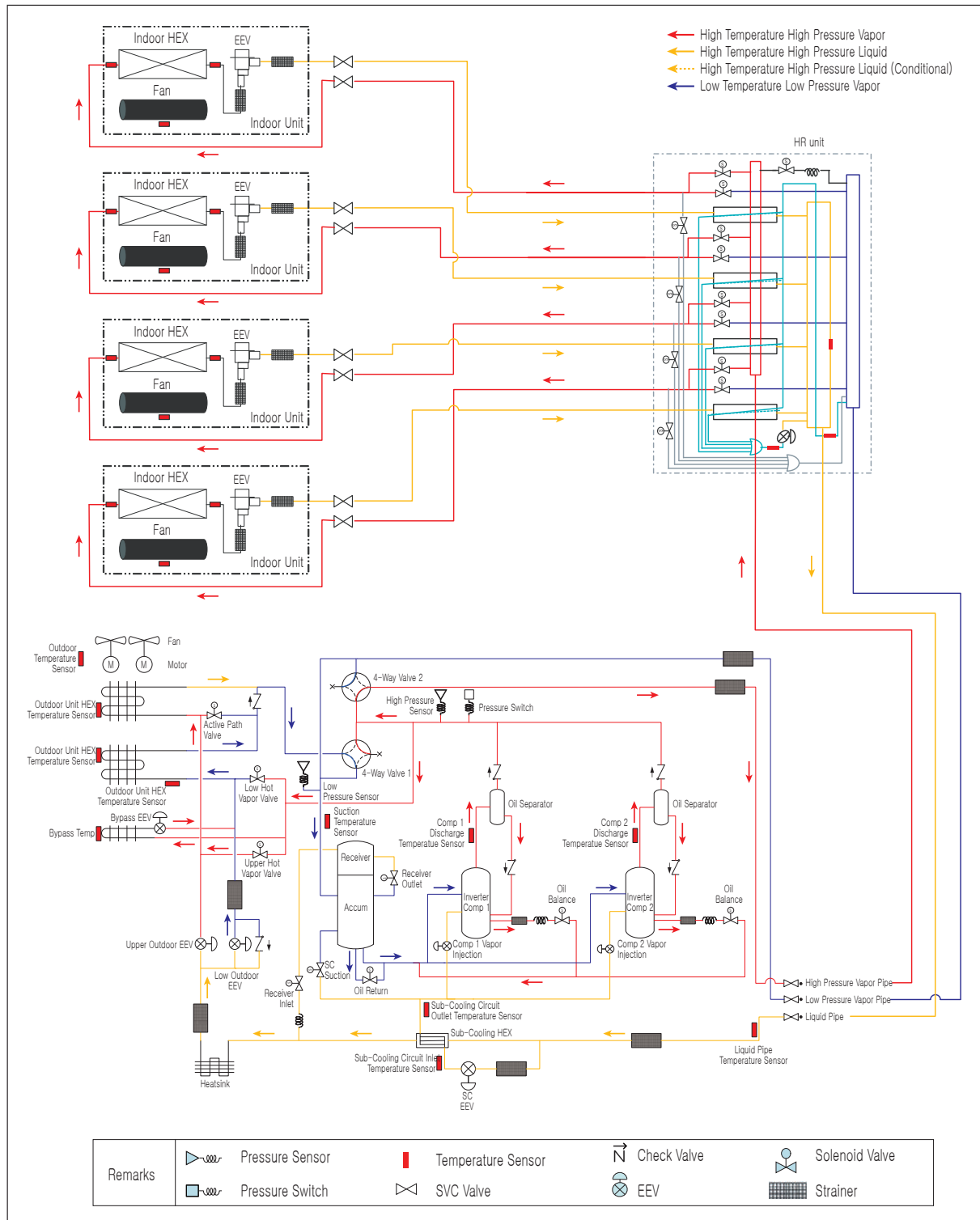
### 5.9 Heat Recovery : Upper HEX Defrost

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6

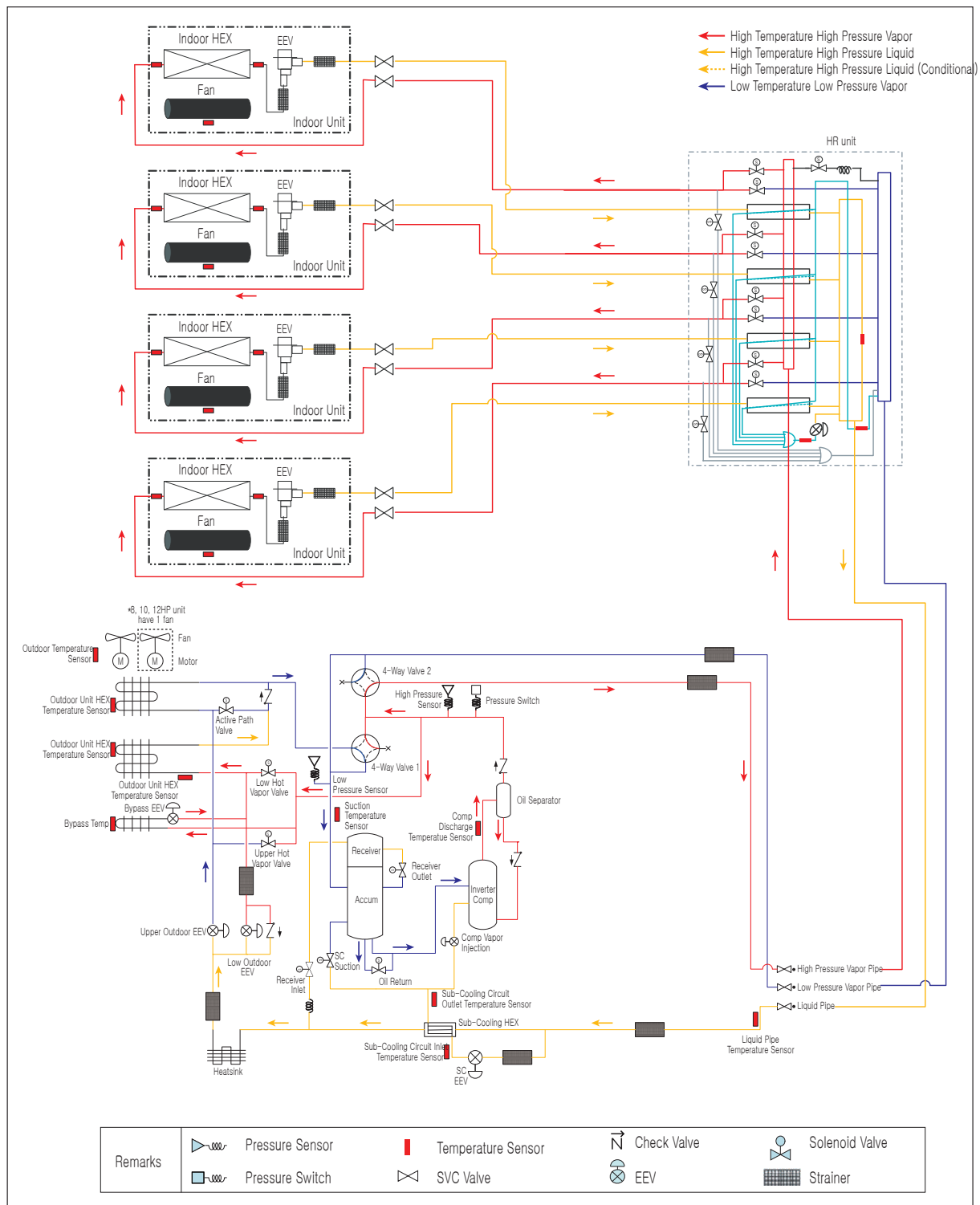




## 5. Piping Diagrams

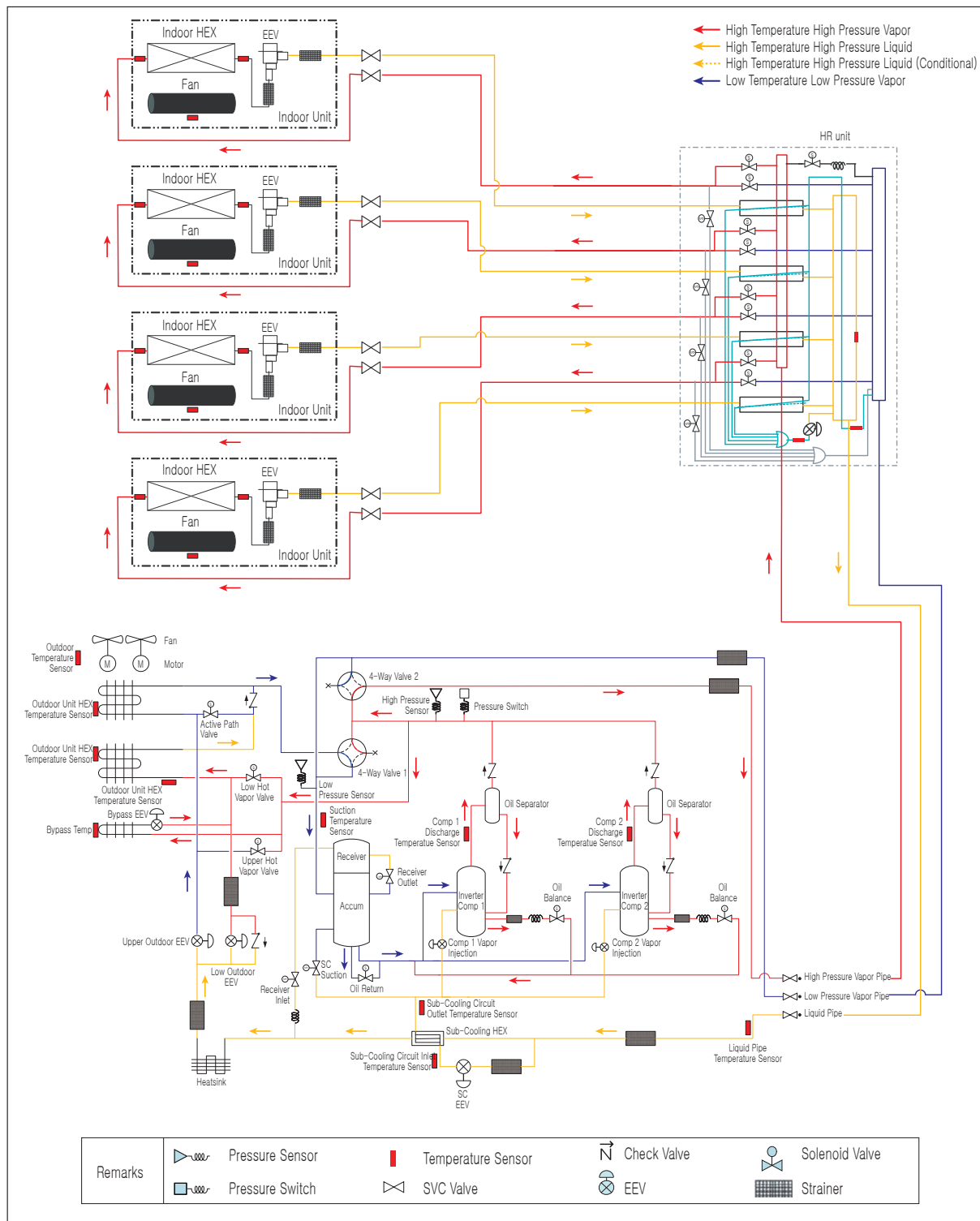
### 5.10 Heat Recovery : Lower HEX Defrost

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



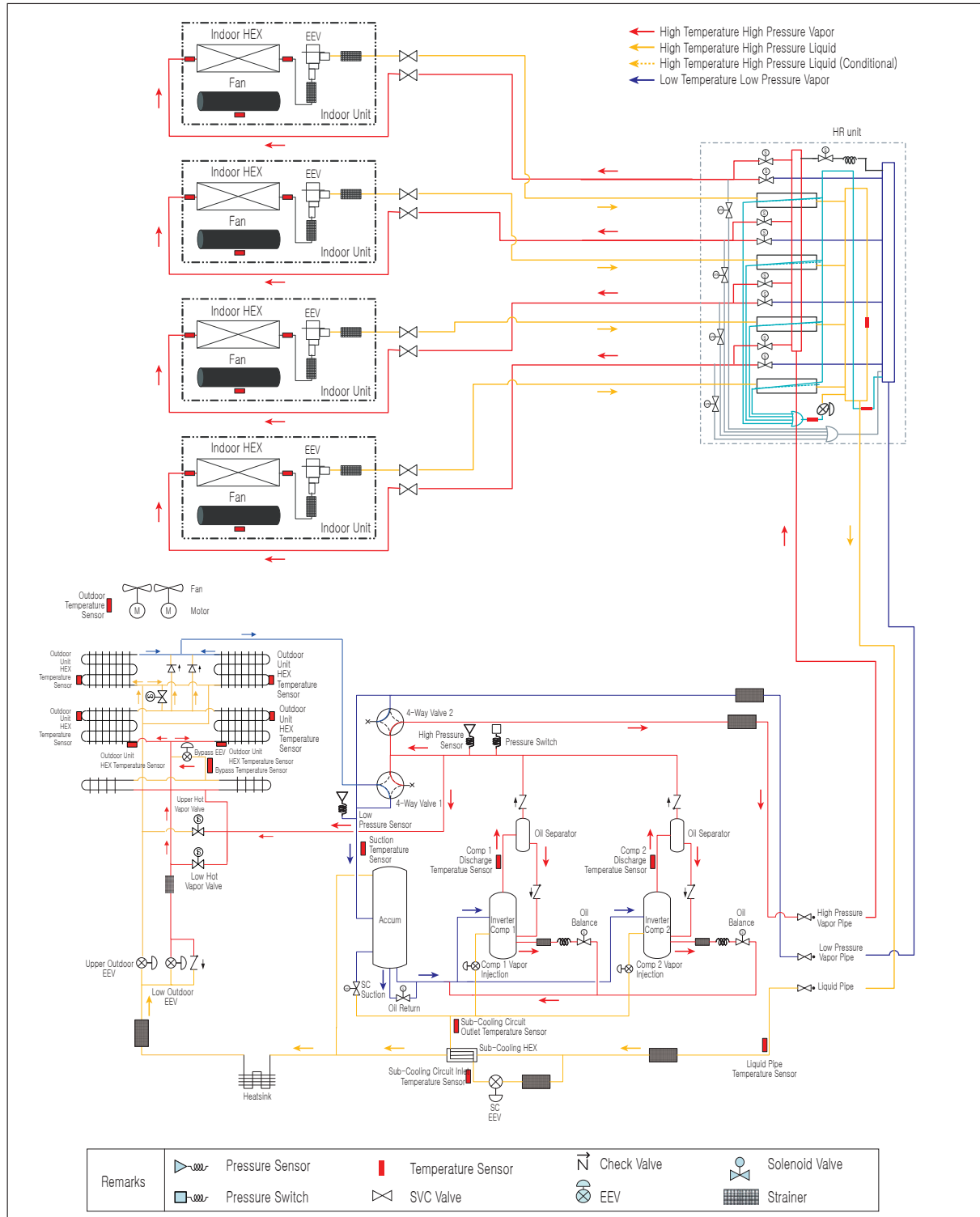
## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## 5. Piping Diagrams

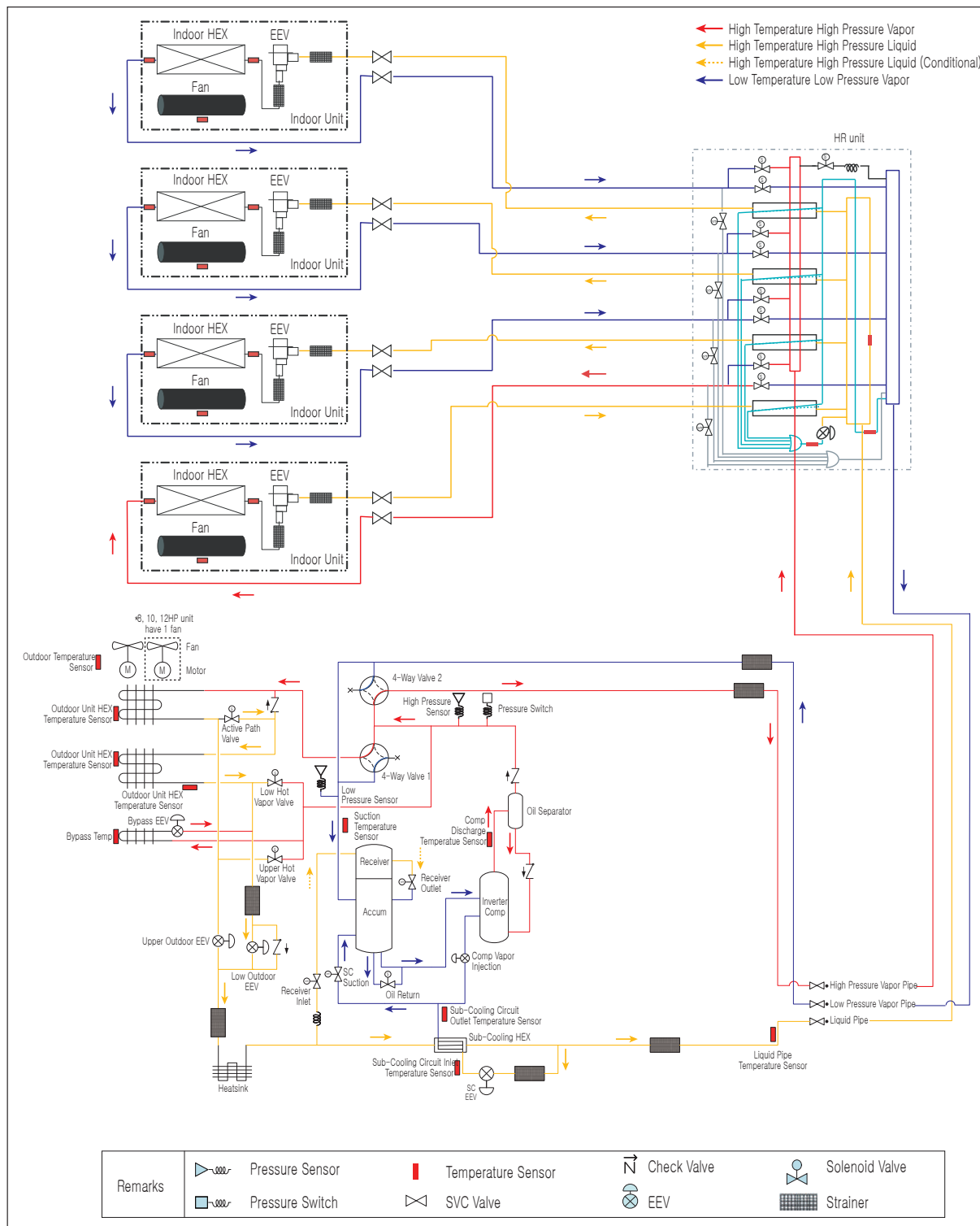
ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

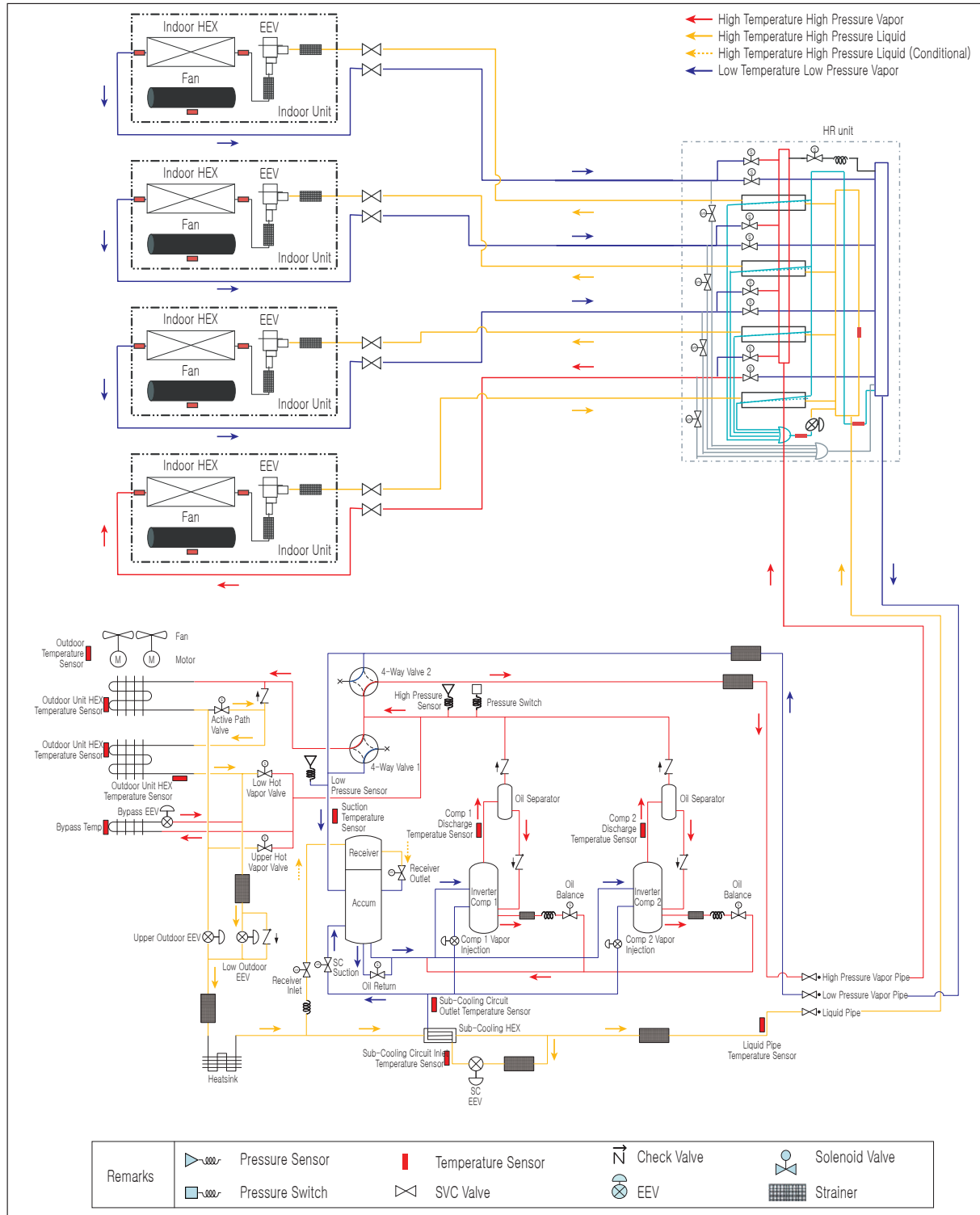
### 5.11 Heat Recovery : Cooling-Based Simultaneous Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



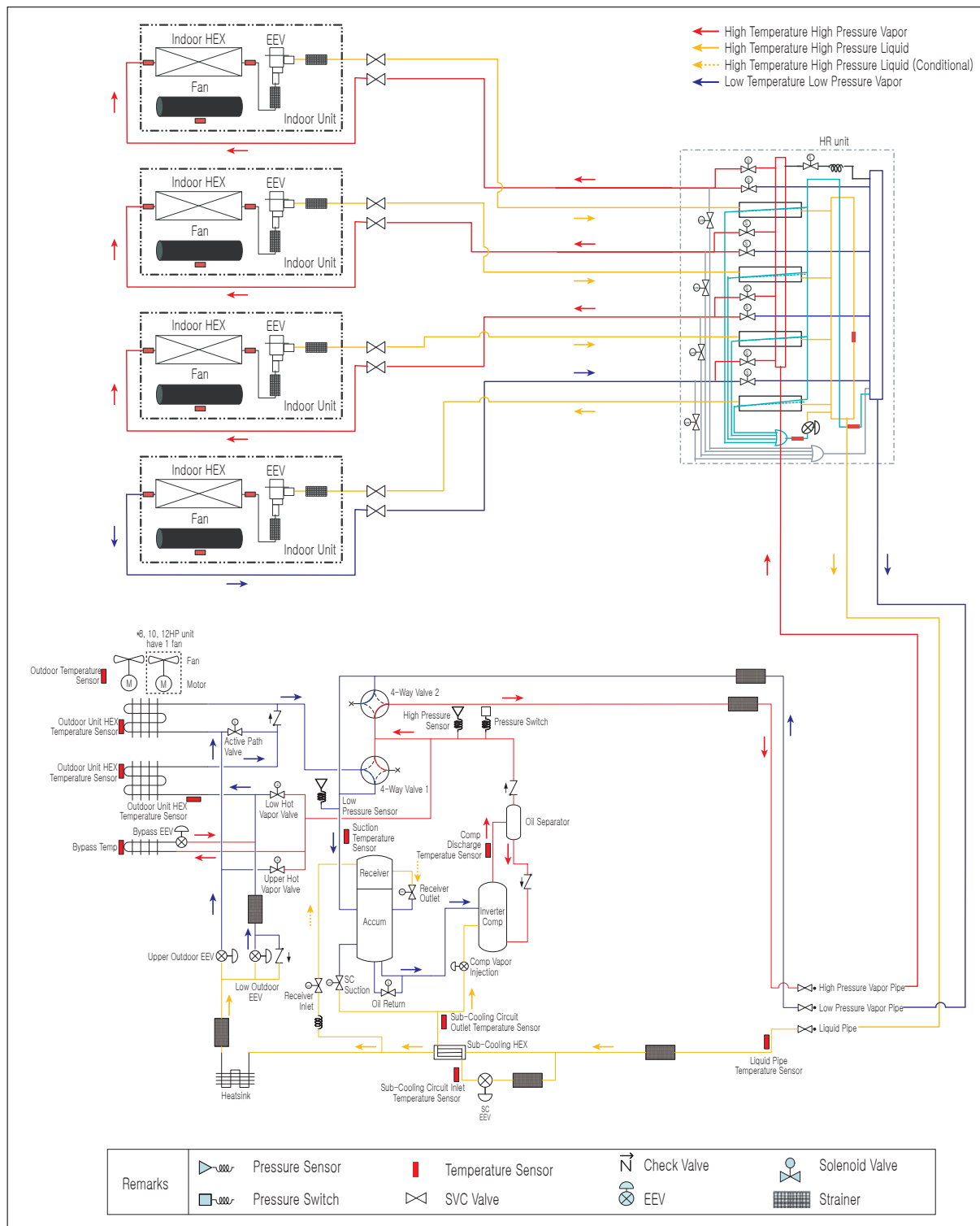
## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

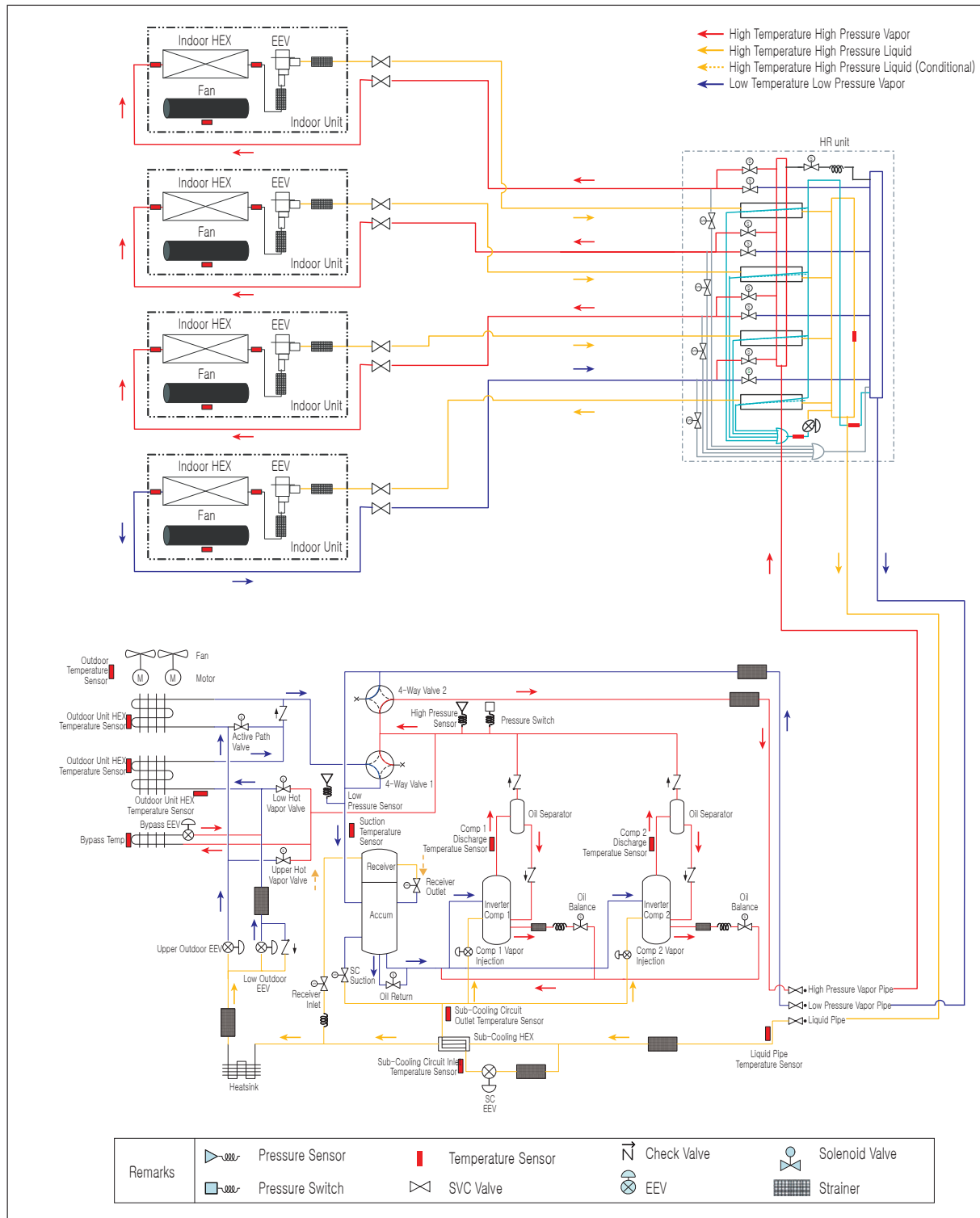
### 5.12 Heat Recovery : Heating-Based Simultaneous Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6



## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6





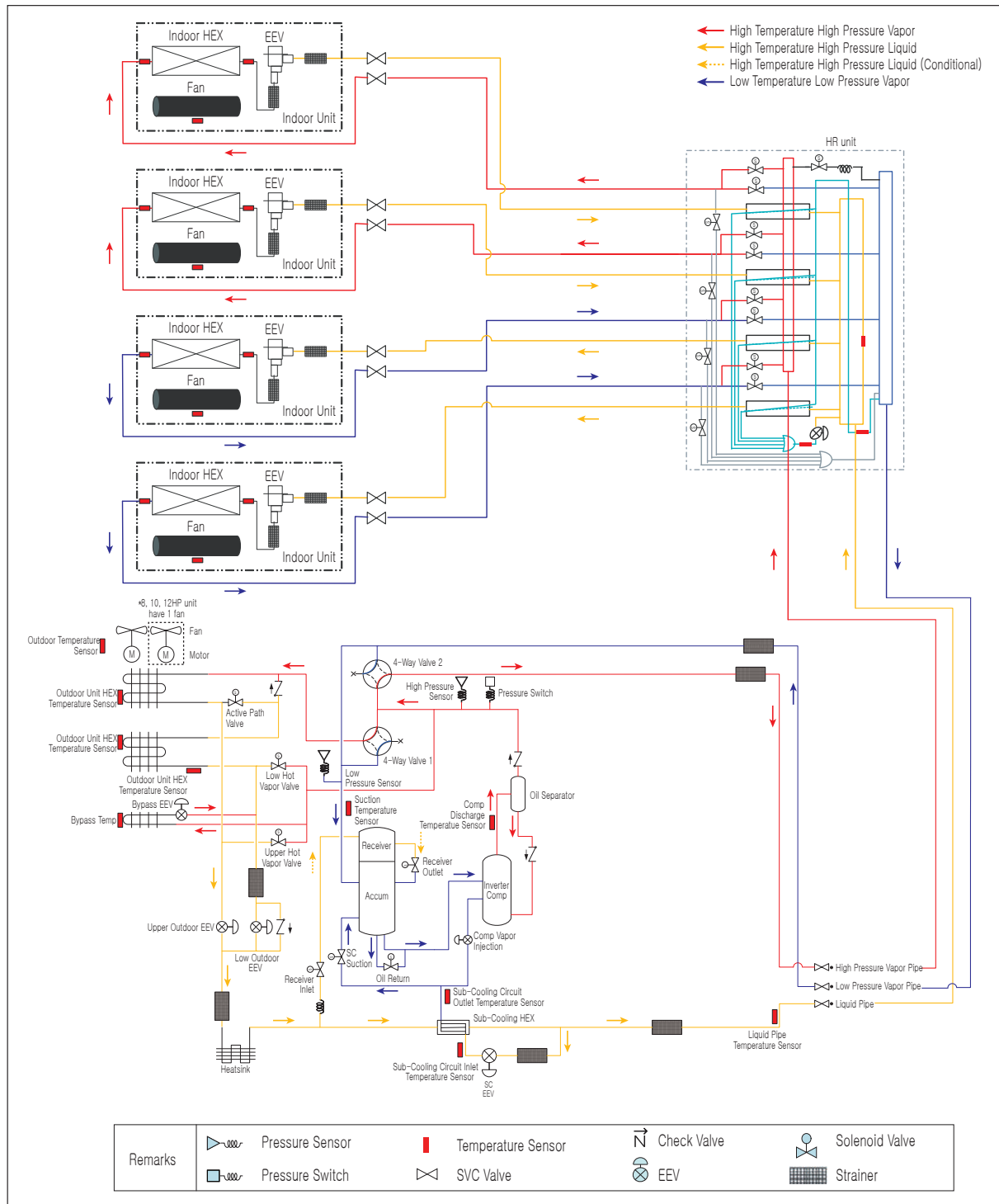
## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



## 5. Piping Diagrams

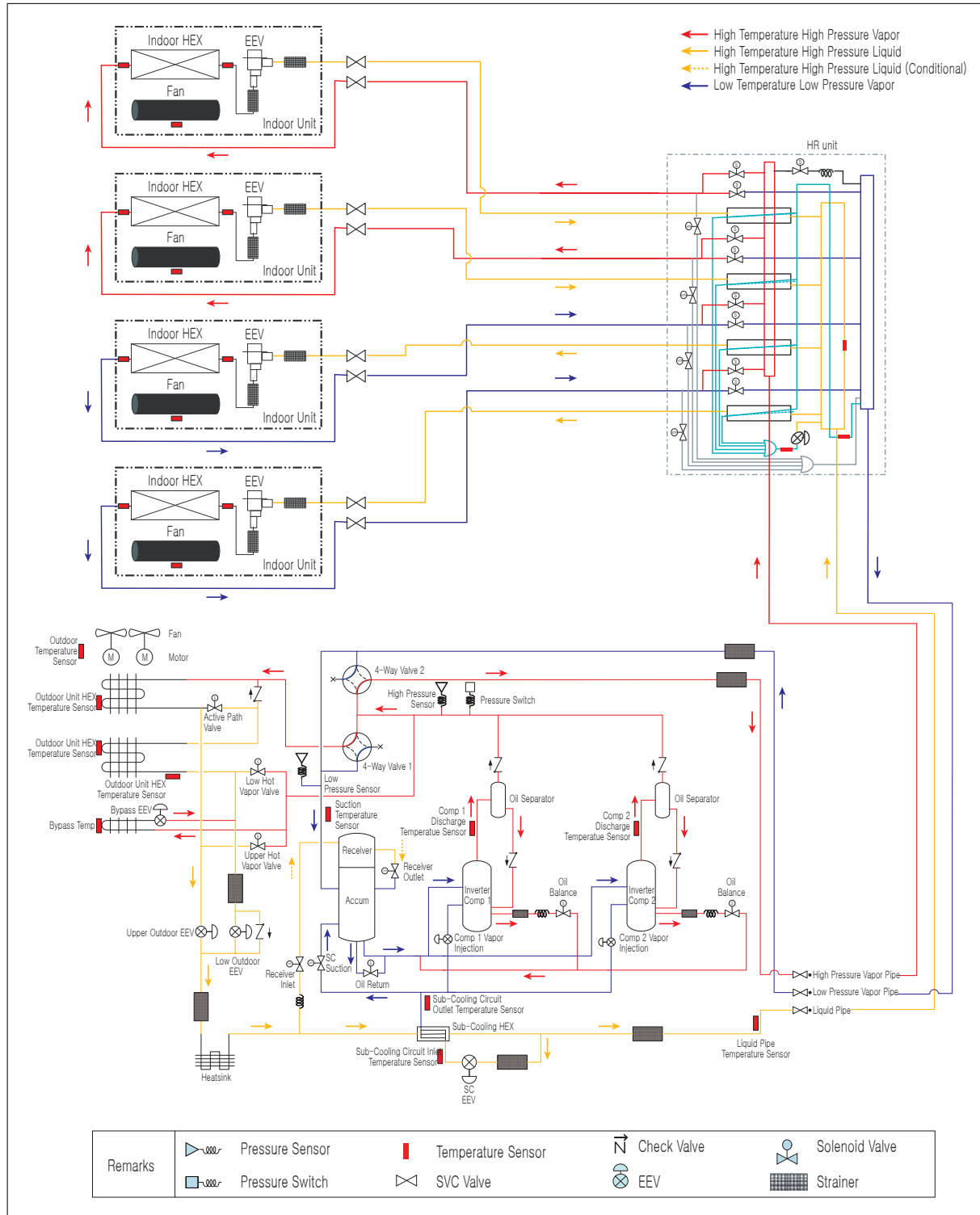
### 5.13 Heat Recovery : Balanced Simultaneous Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6

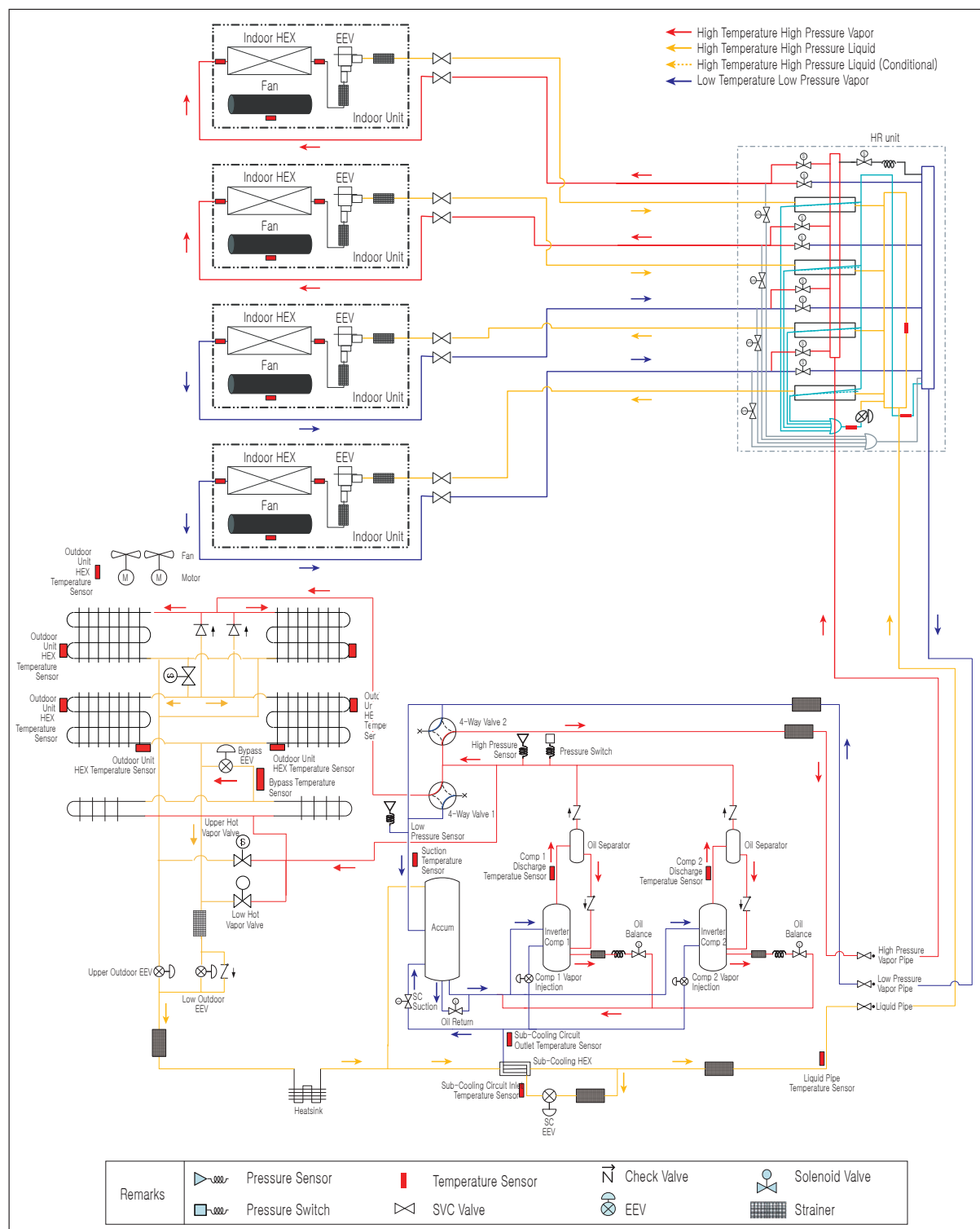


## 5. Piping Diagrams

ARUM180LTE6, ARUM200LTE6



## ARUM220LTE6, ARUM240LTE6, ARUM260LTE6



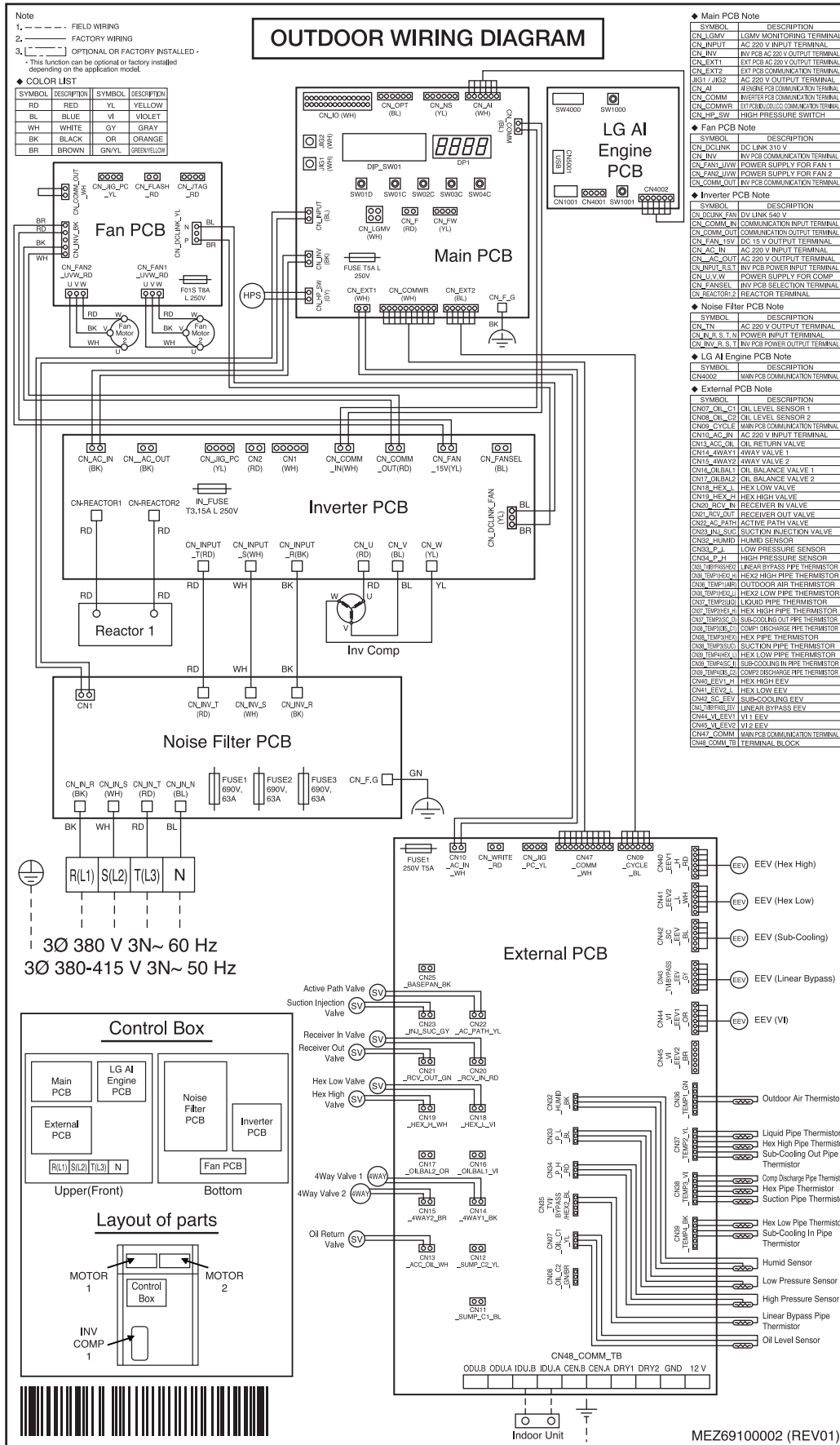
## 6.1 Product

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6



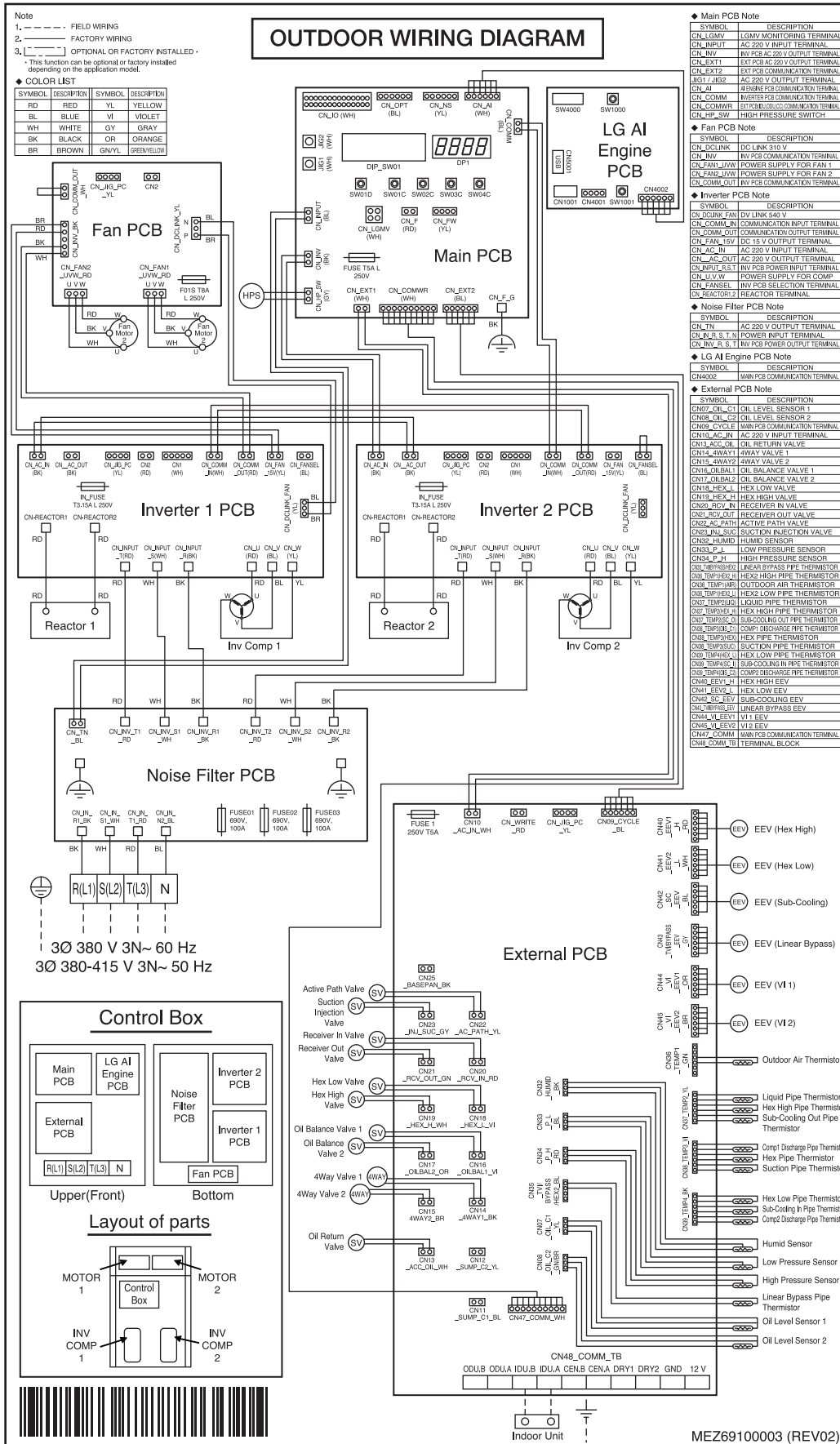
## 6. Wiring Diagrams

### ARUM140LTE6, ARUM160LTE6



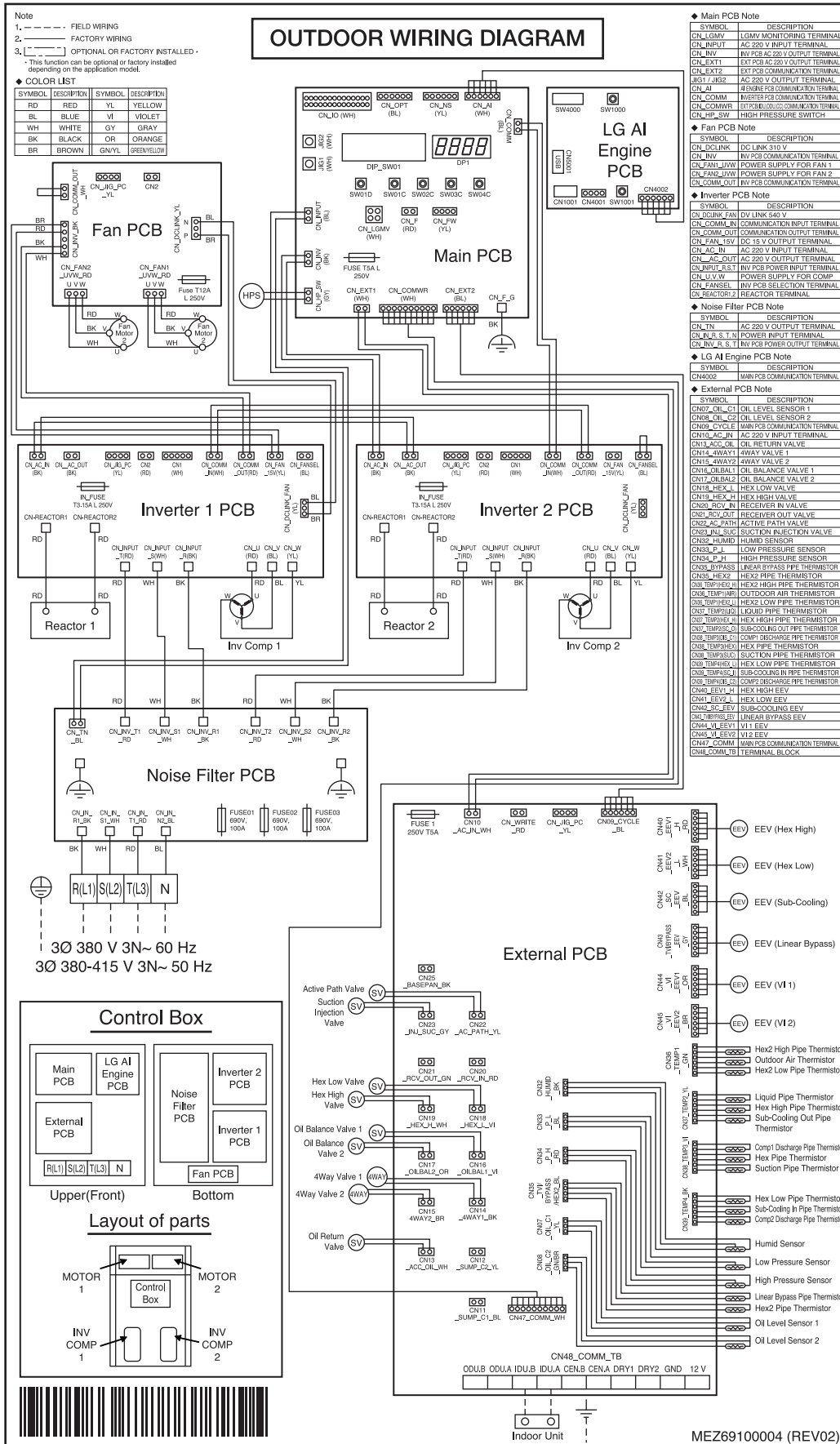
## 6. Wiring Diagrams

### ARUM180LTE6, ARUM200LTE6



## 6. Wiring Diagrams

### ARUM220LTE6, ARUM240LTE6, ARUM260LTE6





## 7. Capacity Tables

### 7.1 Cooling Operation : Standard

ARUM080LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 17.50                        | 1.79 | 22.10       | 2.19 | 27.00       | 2.82 | 29.10       | 3.16 | 31.40       | 3.61  | 33.40       | 4.05  | 35.00       | 4.44  |
|        | 12                         | 17.50                        | 1.92 | 22.10       | 2.38 | 27.00       | 3.09 | 29.10       | 3.48 | 31.40       | 3.97  | 33.40       | 4.45  | 35.00       | 4.87  |
|        | 14                         | 17.50                        | 1.95 | 22.10       | 2.59 | 27.00       | 3.40 | 29.10       | 3.82 | 31.40       | 4.37  | 33.40       | 4.89  | 35.00       | 5.34  |
|        | 16                         | 17.50                        | 2.14 | 22.10       | 2.83 | 27.00       | 3.74 | 29.10       | 4.21 | 31.40       | 4.80  | 33.40       | 5.37  | 35.00       | 5.85  |
|        | 18                         | 17.50                        | 2.35 | 22.10       | 3.09 | 27.00       | 4.11 | 29.10       | 4.62 | 31.40       | 5.27  | 33.40       | 5.89  | 35.00       | 6.41  |
|        | 20                         | 17.50                        | 2.59 | 22.10       | 3.39 | 27.00       | 4.51 | 29.10       | 5.08 | 31.40       | 5.79  | 33.40       | 6.46  | 35.00       | 7.02  |
|        | 21                         | 17.50                        | 2.70 | 22.10       | 3.54 | 27.00       | 4.73 | 29.10       | 5.32 | 31.40       | 6.07  | 33.40       | 6.76  | 35.00       | 7.35  |
|        | 23                         | 17.50                        | 2.93 | 22.10       | 3.88 | 27.00       | 5.20 | 29.10       | 5.85 | 31.40       | 6.66  | 33.40       | 7.41  | 35.00       | 8.02  |
|        | 25                         | 17.50                        | 3.19 | 22.10       | 4.26 | 27.00       | 5.70 | 29.10       | 6.40 | 31.40       | 7.19  | 33.40       | 7.91  | 35.00       | 8.50  |
|        | 27                         | 17.50                        | 3.48 | 22.10       | 4.67 | 27.00       | 6.12 | 29.10       | 6.80 | 31.40       | 7.63  | 33.40       | 8.39  | 35.00       | 8.98  |
|        | 29                         | 17.50                        | 3.80 | 22.10       | 4.98 | 27.00       | 6.51 | 29.10       | 7.23 | 31.40       | 8.11  | 33.40       | 8.91  | 35.00       | 9.46  |
|        | 31                         | 17.50                        | 4.03 | 22.10       | 5.30 | 27.00       | 6.92 | 29.10       | 7.69 | 31.40       | 8.62  | 33.40       | 9.48  | 35.00       | 9.96  |
|        | 33                         | 17.50                        | 4.29 | 22.10       | 5.64 | 27.00       | 7.36 | 29.10       | 8.18 | 31.40       | 9.17  | 33.40       | 10.01 | 35.00       | 10.51 |
|        | 35                         | 17.50                        | 4.56 | 22.10       | 6.00 | 27.00       | 7.84 | 29.10       | 8.71 | 31.40       | 9.78  | 33.40       | 10.57 | 34.10       | 10.79 |
|        | 37                         | 17.50                        | 4.85 | 22.10       | 6.38 | 27.00       | 8.34 | 29.10       | 9.28 | 31.10       | 10.24 | 31.10       | 10.24 | 31.10       | 10.26 |
|        | 39                         | 17.50                        | 5.16 | 22.10       | 6.79 | 27.00       | 8.89 | 28.30       | 9.48 | 28.20       | 9.47  | 28.20       | 9.47  | 28.20       | 9.46  |
|        | 41                         | 17.50                        | 5.49 | 22.10       | 7.23 | 25.50       | 8.76 | 25.50       | 8.75 | 25.50       | 8.74  | 25.50       | 8.75  | 25.50       | 8.76  |
|        | 43                         | 17.50                        | 5.84 | 22.10       | 7.70 | 22.90       | 8.09 | 22.90       | 8.08 | 23.00       | 8.10  | 22.90       | 8.08  | 22.90       | 8.09  |
|        | 46                         | 17.50                        | 6.41 | 19.40       | 7.23 | 19.40       | 7.23 | 19.40       | 7.24 | 19.40       | 7.23  | 19.40       | 7.22  | 19.40       | 7.22  |
|        | 48                         | 17.30                        | 6.74 | 17.30       | 6.74 | 17.30       | 6.74 | 17.30       | 6.73 | 17.30       | 6.73  | 17.30       | 6.74  | 17.10       | 6.64  |
|        | 50                         | 15.30                        | 6.29 | 15.30       | 6.31 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.30  | 15.30       | 6.31  | 15.30       | 6.30  |
|        | 52                         | 13.50                        | 5.92 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.92  | 13.50       | 5.92  | 13.50       | 5.92  |
| 120    | 10                         | 16.10                        | 1.65 | 20.40       | 2.02 | 24.90       | 2.52 | 26.90       | 2.79 | 29.00       | 3.15  | 30.90       | 3.49  | 32.30       | 3.80  |
|        | 12                         | 16.10                        | 1.75 | 20.40       | 2.19 | 24.90       | 2.76 | 26.90       | 3.07 | 29.00       | 3.46  | 30.90       | 3.84  | 32.30       | 4.17  |
|        | 14                         | 16.10                        | 1.79 | 20.40       | 2.37 | 24.90       | 3.03 | 26.90       | 3.37 | 29.00       | 3.81  | 30.90       | 4.23  | 32.30       | 4.59  |
|        | 16                         | 16.10                        | 1.89 | 20.40       | 2.58 | 24.90       | 3.32 | 26.90       | 3.70 | 29.00       | 4.19  | 30.90       | 4.65  | 32.30       | 5.04  |
|        | 18                         | 16.10                        | 2.07 | 20.40       | 2.81 | 24.90       | 3.65 | 26.90       | 4.07 | 29.00       | 4.60  | 30.90       | 5.10  | 32.30       | 5.53  |
|        | 20                         | 16.10                        | 2.28 | 20.40       | 3.07 | 24.90       | 4.00 | 26.90       | 4.47 | 29.00       | 5.06  | 30.90       | 5.61  | 32.30       | 6.07  |
|        | 21                         | 16.10                        | 2.40 | 20.40       | 3.20 | 24.90       | 4.19 | 26.90       | 4.69 | 29.00       | 5.30  | 30.90       | 5.87  | 32.30       | 6.36  |
|        | 23                         | 16.10                        | 2.70 | 20.40       | 3.50 | 24.90       | 4.60 | 26.90       | 5.15 | 29.00       | 5.82  | 30.90       | 6.45  | 32.30       | 6.97  |
|        | 25                         | 16.10                        | 2.93 | 20.40       | 3.83 | 24.90       | 5.05 | 26.90       | 5.65 | 29.00       | 6.38  | 30.90       | 6.99  | 32.30       | 7.49  |
|        | 27                         | 16.10                        | 3.19 | 20.40       | 4.20 | 24.90       | 5.49 | 26.90       | 6.07 | 29.00       | 6.78  | 30.90       | 7.42  | 32.30       | 7.95  |
|        | 29                         | 16.10                        | 3.47 | 20.40       | 4.52 | 24.90       | 5.83 | 26.90       | 6.46 | 29.00       | 7.20  | 30.90       | 7.89  | 32.30       | 8.45  |
|        | 31                         | 16.10                        | 3.70 | 20.40       | 4.81 | 24.90       | 6.21 | 26.90       | 6.87 | 29.00       | 7.66  | 30.90       | 8.38  | 32.30       | 8.98  |
|        | 33                         | 16.10                        | 3.93 | 20.40       | 5.11 | 24.90       | 6.60 | 26.90       | 7.30 | 29.00       | 8.15  | 30.90       | 8.92  | 32.30       | 9.56  |
|        | 35                         | 16.10                        | 4.18 | 20.40       | 5.44 | 24.90       | 7.02 | 26.90       | 7.77 | 29.00       | 8.67  | 30.90       | 9.50  | 32.30       | 10.19 |
|        | 37                         | 16.10                        | 4.44 | 20.40       | 5.79 | 24.90       | 7.48 | 26.90       | 8.27 | 29.00       | 9.24  | 30.90       | 10.14 | 31.10       | 10.25 |
|        | 39                         | 16.10                        | 4.73 | 20.40       | 6.16 | 24.90       | 7.96 | 26.90       | 8.82 | 28.30       | 9.48  | 28.20       | 9.46  | 28.20       | 9.47  |
|        | 41                         | 16.10                        | 5.03 | 20.40       | 6.55 | 24.90       | 8.48 | 25.50       | 8.74 | 25.50       | 8.76  | 25.50       | 8.74  | 25.50       | 8.73  |
|        | 43                         | 16.10                        | 5.35 | 20.40       | 6.98 | 22.90       | 8.09 | 23.00       | 8.10 | 23.00       | 8.10  | 23.00       | 8.11  | 23.00       | 8.10  |
|        | 46                         | 16.10                        | 5.88 | 19.40       | 7.23 | 19.40       | 7.23 | 19.40       | 7.23 | 19.40       | 7.22  | 19.40       | 7.22  | 19.40       | 7.22  |
|        | 48                         | 16.10                        | 6.26 | 17.30       | 6.74 | 17.30       | 6.73 | 17.30       | 6.73 | 17.30       | 6.74  | 17.30       | 6.74  | 17.30       | 6.74  |
|        | 50                         | 15.30                        | 6.31 | 15.30       | 6.30 | 15.30       | 6.29 | 15.30       | 6.30 | 15.30       | 6.31  | 15.30       | 6.29  | 15.30       | 6.30  |
|        | 52                         | 13.50                        | 5.93 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.92  | 13.50       | 5.92  | 13.50       | 5.92  |
| 110    | 10                         | 14.80                        | 1.43 | 18.70       | 1.88 | 22.90       | 2.27 | 24.60       | 2.48 | 26.60       | 2.76  | 28.30       | 3.02  | 29.60       | 3.25  |
|        | 12                         | 14.80                        | 1.58 | 18.70       | 2.02 | 22.90       | 2.48 | 24.60       | 2.72 | 26.60       | 3.02  | 28.30       | 3.32  | 29.60       | 3.58  |
|        | 14                         | 14.80                        | 1.60 | 18.70       | 2.18 | 22.90       | 2.70 | 24.60       | 2.98 | 26.60       | 3.32  | 28.30       | 3.65  | 29.60       | 3.94  |
|        | 16                         | 14.80                        | 1.65 | 18.70       | 2.36 | 22.90       | 2.96 | 24.60       | 3.26 | 26.60       | 3.65  | 28.30       | 4.02  | 29.60       | 4.33  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 110    | 18                               | 14.80                        | 1.82 | 18.70       | 2.55 | 22.90       | 3.24 | 24.60       | 3.58 | 26.60       | 4.01 | 28.30       | 4.41 | 29.60       | 4.76 |
|        | 20                               | 14.80                        | 2.01 | 18.70       | 2.78 | 22.90       | 3.55 | 24.60       | 3.93 | 26.60       | 4.41 | 28.30       | 4.85 | 29.60       | 5.23 |
|        | 21                               | 14.80                        | 2.12 | 18.70       | 2.90 | 22.90       | 3.71 | 24.60       | 4.12 | 26.60       | 4.62 | 28.30       | 5.09 | 29.60       | 5.48 |
|        | 23                               | 14.80                        | 2.36 | 18.70       | 3.16 | 22.90       | 4.07 | 24.60       | 4.52 | 26.60       | 5.07 | 28.30       | 5.59 | 29.60       | 6.02 |
|        | 25                               | 14.80                        | 2.64 | 18.70       | 3.45 | 22.90       | 4.46 | 24.60       | 4.96 | 26.60       | 5.57 | 28.30       | 6.13 | 29.60       | 6.57 |
|        | 27                               | 14.80                        | 2.91 | 18.70       | 3.77 | 22.90       | 4.89 | 24.60       | 5.39 | 26.60       | 5.99 | 28.30       | 6.53 | 29.60       | 6.98 |
|        | 29                               | 14.80                        | 3.17 | 18.70       | 4.09 | 22.90       | 5.21 | 24.60       | 5.74 | 26.60       | 6.37 | 28.30       | 6.94 | 29.60       | 7.42 |
|        | 31                               | 14.80                        | 3.39 | 18.70       | 4.34 | 22.90       | 5.54 | 24.60       | 6.10 | 26.60       | 6.77 | 28.30       | 7.38 | 29.60       | 7.89 |
|        | 33                               | 14.80                        | 3.60 | 18.70       | 4.62 | 22.90       | 5.89 | 24.60       | 6.49 | 26.60       | 7.21 | 28.30       | 7.86 | 29.60       | 8.39 |
|        | 35                               | 14.80                        | 3.82 | 18.70       | 4.91 | 22.90       | 6.27 | 24.60       | 6.91 | 26.60       | 7.67 | 28.30       | 8.36 | 29.60       | 8.93 |
|        | 37                               | 14.80                        | 4.06 | 18.70       | 5.22 | 22.90       | 6.67 | 24.60       | 7.35 | 26.60       | 8.16 | 28.30       | 8.91 | 29.60       | 9.52 |
|        | 39                               | 14.80                        | 4.32 | 18.70       | 5.56 | 22.90       | 7.10 | 24.60       | 7.83 | 26.60       | 8.70 | 28.20       | 9.45 | 28.20       | 9.47 |
|        | 41                               | 14.80                        | 4.59 | 18.70       | 5.91 | 22.90       | 7.56 | 24.60       | 8.34 | 25.50       | 8.76 | 25.50       | 8.75 | 25.50       | 8.74 |
|        | 43                               | 14.80                        | 4.89 | 18.70       | 6.29 | 22.90       | 8.05 | 22.90       | 8.09 | 23.00       | 8.10 | 22.90       | 8.09 | 22.90       | 8.08 |
|        | 46                               | 14.80                        | 5.37 | 18.70       | 6.91 | 19.40       | 7.23 | 19.40       | 7.23 | 19.40       | 7.22 | 19.40       | 7.22 | 19.40       | 7.23 |
|        | 48                               | 14.80                        | 5.72 | 17.30       | 6.73 | 17.30       | 6.74 | 17.30       | 6.74 | 17.30       | 6.74 | 17.30       | 6.74 | 17.30       | 6.73 |
|        | 50                               | 14.80                        | 6.09 | 15.30       | 6.31 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.31 | 15.30       | 6.29 |
|        | 52                               | 13.50                        | 5.93 | 13.50       | 5.92 | 13.50       | 5.91 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.93 | 13.50       | 5.92 |
| 100    | 10                               | 13.50                        | 1.24 | 17.00       | 1.76 | 20.80       | 2.06 | 22.40       | 2.22 | 24.20       | 2.43 | 25.70       | 2.63 | 26.90       | 2.80 |
|        | 12                               | 13.50                        | 1.45 | 17.00       | 1.85 | 20.80       | 2.23 | 22.40       | 2.42 | 24.20       | 2.65 | 25.70       | 2.88 | 26.90       | 3.08 |
|        | 14                               | 13.50                        | 1.46 | 17.00       | 1.87 | 20.80       | 2.42 | 22.40       | 2.63 | 24.20       | 2.90 | 25.70       | 3.16 | 26.90       | 3.38 |
|        | 16                               | 13.50                        | 1.49 | 17.00       | 2.03 | 20.80       | 2.64 | 22.40       | 2.88 | 24.20       | 3.18 | 25.70       | 3.47 | 26.90       | 3.72 |
|        | 18                               | 13.50                        | 1.59 | 17.00       | 2.24 | 20.80       | 2.87 | 22.40       | 3.15 | 24.20       | 3.49 | 25.70       | 3.81 | 26.90       | 4.08 |
|        | 20                               | 13.50                        | 1.76 | 17.00       | 2.48 | 20.80       | 3.14 | 22.40       | 3.45 | 24.20       | 3.83 | 25.70       | 4.19 | 26.90       | 4.49 |
|        | 21                               | 13.50                        | 1.85 | 17.00       | 2.62 | 20.80       | 3.28 | 22.40       | 3.61 | 24.20       | 4.01 | 25.70       | 4.39 | 26.90       | 4.70 |
|        | 23                               | 13.50                        | 2.06 | 17.00       | 2.84 | 20.80       | 3.59 | 22.40       | 3.95 | 24.20       | 4.40 | 25.70       | 4.82 | 26.90       | 5.16 |
|        | 25                               | 13.50                        | 2.31 | 17.00       | 3.09 | 20.80       | 3.93 | 22.40       | 4.34 | 24.20       | 4.83 | 25.70       | 5.29 | 26.90       | 5.67 |
|        | 27                               | 13.50                        | 2.63 | 17.00       | 3.37 | 20.80       | 4.30 | 22.40       | 4.75 | 24.20       | 5.27 | 25.70       | 5.72 | 26.90       | 6.09 |
|        | 29                               | 13.50                        | 2.88 | 17.00       | 3.68 | 20.80       | 4.63 | 22.40       | 5.07 | 24.20       | 5.60 | 25.70       | 6.08 | 26.90       | 6.47 |
|        | 31                               | 13.50                        | 3.10 | 17.00       | 3.91 | 20.80       | 4.92 | 22.40       | 5.39 | 24.20       | 5.96 | 25.70       | 6.47 | 26.90       | 6.89 |
|        | 33                               | 13.50                        | 3.28 | 17.00       | 4.15 | 20.80       | 5.23 | 22.40       | 5.74 | 24.20       | 6.34 | 25.70       | 6.88 | 26.90       | 7.32 |
|        | 35                               | 13.50                        | 3.48 | 17.00       | 4.41 | 20.80       | 5.57 | 22.40       | 6.10 | 24.20       | 6.74 | 25.70       | 7.32 | 26.90       | 7.79 |
|        | 37                               | 13.50                        | 3.70 | 17.00       | 4.69 | 20.80       | 5.92 | 22.40       | 6.50 | 24.20       | 7.18 | 25.70       | 7.79 | 26.90       | 8.30 |
|        | 39                               | 13.50                        | 3.93 | 17.00       | 4.99 | 20.80       | 6.30 | 22.40       | 6.91 | 24.20       | 7.64 | 25.70       | 8.30 | 26.90       | 8.84 |
|        | 41                               | 13.50                        | 4.18 | 17.00       | 5.31 | 20.80       | 6.71 | 22.40       | 7.36 | 24.20       | 8.14 | 25.50       | 8.75 | 25.50       | 8.75 |
|        | 43                               | 13.50                        | 4.45 | 17.00       | 5.65 | 20.80       | 7.14 | 22.40       | 7.84 | 23.00       | 8.10 | 23.00       | 8.09 | 23.00       | 8.09 |
|        | 46                               | 13.50                        | 4.89 | 17.00       | 6.21 | 19.40       | 7.22 | 19.40       | 7.24 | 19.40       | 7.23 | 19.40       | 7.22 | 19.40       | 7.23 |
|        | 48                               | 13.50                        | 5.20 | 17.00       | 6.61 | 17.30       | 6.74 | 17.30       | 6.73 | 17.30       | 6.73 | 17.30       | 6.74 | 17.30       | 6.73 |
|        | 50                               | 13.50                        | 5.54 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.29 | 15.30       | 6.30 |
|        | 52                               | 13.50                        | 5.90 | 13.60       | 5.95 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.93 |
| 90     | 10                               | 12.10                        | 1.08 | 15.30       | 1.50 | 18.70       | 1.88 | 20.20       | 2.00 | 21.80       | 2.16 | 23.20       | 2.30 | 24.20       | 2.43 |
|        | 12                               | 12.10                        | 1.31 | 15.30       | 1.64 | 18.70       | 2.02 | 20.20       | 2.16 | 21.80       | 2.34 | 23.20       | 2.51 | 24.20       | 2.66 |
|        | 14                               | 12.10                        | 1.32 | 15.30       | 1.67 | 18.70       | 2.18 | 20.20       | 2.34 | 21.80       | 2.55 | 23.20       | 2.74 | 24.20       | 2.91 |
|        | 16                               | 12.10                        | 1.35 | 15.30       | 1.74 | 18.70       | 2.36 | 20.20       | 2.55 | 21.80       | 2.78 | 23.20       | 3.00 | 24.20       | 3.19 |
|        | 18                               | 12.10                        | 1.39 | 15.30       | 1.90 | 18.70       | 2.56 | 20.20       | 2.77 | 21.80       | 3.04 | 23.20       | 3.29 | 24.20       | 3.50 |
|        | 20                               | 12.10                        | 1.52 | 15.30       | 2.10 | 18.70       | 2.78 | 20.20       | 3.02 | 21.80       | 3.32 | 23.20       | 3.60 | 24.20       | 3.84 |
|        | 21                               | 12.10                        | 1.60 | 15.30       | 2.21 | 18.70       | 2.90 | 20.20       | 3.16 | 21.80       | 3.48 | 23.20       | 3.77 | 24.20       | 4.02 |
|        | 23                               | 12.10                        | 1.77 | 15.30       | 2.45 | 18.70       | 3.16 | 20.20       | 3.45 | 21.80       | 3.81 | 23.20       | 4.14 | 24.20       | 4.41 |
|        | 25                               | 12.10                        | 1.96 | 15.30       | 2.77 | 18.70       | 3.45 | 20.20       | 3.78 | 21.80       | 4.17 | 23.20       | 4.54 | 24.20       | 4.84 |
|        | 27                               | 12.10                        | 2.23 | 15.30       | 3.01 | 18.70       | 3.77 | 20.20       | 4.13 | 21.80       | 4.58 | 23.20       | 4.97 | 24.20       | 5.28 |
|        | 29                               | 12.10                        | 2.57 | 15.30       | 3.28 | 18.70       | 4.09 | 20.20       | 4.46 | 21.80       | 4.89 | 23.20       | 5.29 | 24.20       | 5.61 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 90     | 31                              | 12.10                        | 2.83 | 15.30       | 3.50 | 18.70       | 4.35 | 20.20       | 4.74 | 21.80       | 5.21 | 23.20       | 5.63 | 24.20       | 5.97 |
|        | 33                              | 12.10                        | 2.99 | 15.30       | 3.72 | 18.70       | 4.62 | 20.20       | 5.04 | 21.80       | 5.54 | 23.20       | 5.99 | 24.20       | 6.35 |
|        | 35                              | 12.10                        | 3.16 | 15.30       | 3.95 | 18.70       | 4.92 | 20.20       | 5.36 | 21.80       | 5.89 | 23.20       | 6.37 | 24.20       | 6.76 |
|        | 37                              | 12.10                        | 3.35 | 15.30       | 4.20 | 18.70       | 5.23 | 20.20       | 5.71 | 21.80       | 6.27 | 23.20       | 6.78 | 24.20       | 7.19 |
|        | 39                              | 12.10                        | 3.56 | 15.30       | 4.46 | 18.70       | 5.56 | 20.20       | 6.07 | 21.80       | 6.67 | 23.20       | 7.21 | 24.20       | 7.66 |
|        | 41                              | 12.10                        | 3.79 | 15.30       | 4.75 | 18.70       | 5.92 | 20.20       | 6.46 | 21.80       | 7.10 | 23.20       | 7.68 | 24.20       | 8.16 |
|        | 43                              | 12.10                        | 4.03 | 15.30       | 5.05 | 18.70       | 6.30 | 20.20       | 6.88 | 21.80       | 7.56 | 22.90       | 8.08 | 23.00       | 8.10 |
|        | 46                              | 12.10                        | 4.43 | 15.30       | 5.55 | 18.70       | 6.92 | 19.40       | 7.23 | 19.40       | 7.24 | 19.40       | 7.23 | 19.40       | 7.22 |
|        | 48                              | 12.10                        | 4.72 | 15.30       | 5.91 | 17.30       | 6.74 | 17.30       | 6.73 | 17.30       | 6.73 | 17.30       | 6.73 | 17.30       | 6.74 |
|        | 50                              | 12.10                        | 5.02 | 15.30       | 6.29 | 15.30       | 6.31 | 15.30       | 6.31 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.31 |
|        | 52                              | 12.10                        | 5.35 | 13.50       | 5.93 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.92 |
| 80     | 10                              | 10.80                        | 0.94 | 13.60       | 1.26 | 16.60       | 1.74 | 17.90       | 1.82 | 19.40       | 1.93 | 20.60       | 2.04 | 21.50       | 2.13 |
|        | 12                              | 10.80                        | 1.17 | 13.60       | 1.45 | 16.60       | 1.81 | 17.90       | 1.95 | 19.40       | 2.08 | 20.60       | 2.21 | 21.50       | 2.31 |
|        | 14                              | 10.80                        | 1.18 | 13.60       | 1.47 | 16.60       | 1.84 | 17.90       | 2.03 | 19.40       | 2.25 | 20.60       | 2.40 | 21.50       | 2.52 |
|        | 16                              | 10.80                        | 1.20 | 13.60       | 1.50 | 16.60       | 1.98 | 17.90       | 2.23 | 19.40       | 2.44 | 20.60       | 2.61 | 21.50       | 2.75 |
|        | 18                              | 10.80                        | 1.23 | 13.60       | 1.60 | 16.60       | 2.17 | 17.90       | 2.45 | 19.40       | 2.65 | 20.60       | 2.84 | 21.50       | 3.00 |
|        | 20                              | 10.80                        | 1.31 | 13.60       | 1.77 | 16.60       | 2.40 | 17.90       | 2.65 | 19.40       | 2.89 | 20.60       | 3.10 | 21.50       | 3.28 |
|        | 21                              | 10.80                        | 1.38 | 13.60       | 1.87 | 16.60       | 2.52 | 17.90       | 2.77 | 19.40       | 3.01 | 20.60       | 3.24 | 21.50       | 3.43 |
|        | 23                              | 10.80                        | 1.51 | 13.60       | 2.08 | 16.60       | 2.78 | 17.90       | 3.01 | 19.40       | 3.29 | 20.60       | 3.54 | 21.50       | 3.76 |
|        | 25                              | 10.80                        | 1.68 | 13.60       | 2.34 | 16.60       | 3.02 | 17.90       | 3.28 | 19.40       | 3.59 | 20.60       | 3.88 | 21.50       | 4.12 |
|        | 27                              | 10.80                        | 1.90 | 13.60       | 2.65 | 16.60       | 3.29 | 17.90       | 3.58 | 19.40       | 3.93 | 20.60       | 4.25 | 21.50       | 4.51 |
|        | 29                              | 10.80                        | 2.18 | 13.60       | 2.91 | 16.60       | 3.59 | 17.90       | 3.90 | 19.40       | 4.25 | 20.60       | 4.57 | 21.50       | 4.83 |
|        | 31                              | 10.80                        | 2.53 | 13.60       | 3.13 | 16.60       | 3.82 | 17.90       | 4.14 | 19.40       | 4.52 | 20.60       | 4.86 | 21.50       | 5.14 |
|        | 33                              | 10.80                        | 2.71 | 13.60       | 3.31 | 16.60       | 4.06 | 17.90       | 4.40 | 19.40       | 4.81 | 20.60       | 5.17 | 21.50       | 5.47 |
|        | 35                              | 10.80                        | 2.86 | 13.60       | 3.51 | 16.60       | 4.31 | 17.90       | 4.68 | 19.40       | 5.11 | 20.60       | 5.50 | 21.50       | 5.81 |
|        | 37                              | 10.80                        | 3.03 | 13.60       | 3.73 | 16.60       | 4.58 | 17.90       | 4.98 | 19.40       | 5.44 | 20.60       | 5.85 | 21.50       | 6.19 |
|        | 39                              | 10.80                        | 3.22 | 13.60       | 3.97 | 16.60       | 4.88 | 17.90       | 5.29 | 19.40       | 5.79 | 20.60       | 6.23 | 21.50       | 6.58 |
|        | 41                              | 10.80                        | 3.42 | 13.60       | 4.22 | 16.60       | 5.19 | 17.90       | 5.63 | 19.40       | 6.16 | 20.60       | 6.63 | 21.50       | 7.01 |
|        | 43                              | 10.80                        | 3.63 | 13.60       | 4.49 | 16.60       | 5.52 | 17.90       | 6.00 | 19.40       | 6.55 | 20.60       | 7.05 | 21.50       | 7.46 |
|        | 46                              | 10.80                        | 3.99 | 13.60       | 4.93 | 16.60       | 6.07 | 17.90       | 6.58 | 19.40       | 7.20 | 19.40       | 7.24 | 19.40       | 7.23 |
|        | 48                              | 10.80                        | 4.25 | 13.60       | 5.25 | 16.60       | 6.46 | 17.30       | 6.73 | 17.30       | 6.74 | 17.30       | 6.74 | 17.30       | 6.75 |
|        | 50                              | 10.80                        | 4.53 | 13.60       | 5.59 | 15.30       | 6.31 | 15.30       | 6.30 | 15.30       | 6.30 | 15.30       | 6.31 | 15.30       | 6.30 |
|        | 52                              | 10.80                        | 4.83 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.92 |
| 70     | 10                              | 9.40                         | 0.79 | 11.90       | 1.06 | 14.60       | 1.39 | 15.70       | 1.57 | 16.90       | 1.76 | 18.00       | 1.83 | 18.80       | 1.89 |
|        | 12                              | 9.40                         | 1.06 | 11.90       | 1.28 | 14.60       | 1.56 | 15.70       | 1.69 | 16.90       | 1.84 | 18.00       | 1.96 | 18.80       | 2.04 |
|        | 14                              | 9.40                         | 1.08 | 11.90       | 1.31 | 14.60       | 1.59 | 15.70       | 1.72 | 16.90       | 1.88 | 18.00       | 2.05 | 18.80       | 2.20 |
|        | 16                              | 9.40                         | 1.09 | 11.90       | 1.32 | 14.60       | 1.61 | 15.70       | 1.80 | 16.90       | 2.03 | 18.00       | 2.25 | 18.80       | 2.38 |
|        | 18                              | 9.40                         | 1.10 | 11.90       | 1.35 | 14.60       | 1.78 | 15.70       | 1.98 | 16.90       | 2.23 | 18.00       | 2.46 | 18.80       | 2.58 |
|        | 20                              | 9.40                         | 1.15 | 11.90       | 1.48 | 14.60       | 1.97 | 15.70       | 2.18 | 16.90       | 2.46 | 18.00       | 2.67 | 18.80       | 2.80 |
|        | 21                              | 9.40                         | 1.19 | 11.90       | 1.56 | 14.60       | 2.07 | 15.70       | 2.29 | 16.90       | 2.61 | 18.00       | 2.78 | 18.80       | 2.92 |
|        | 23                              | 9.40                         | 1.30 | 11.90       | 1.72 | 14.60       | 2.31 | 15.70       | 2.55 | 16.90       | 2.83 | 18.00       | 3.03 | 18.80       | 3.19 |
|        | 25                              | 9.40                         | 1.43 | 11.90       | 1.93 | 14.60       | 2.58 | 15.70       | 2.84 | 16.90       | 3.08 | 18.00       | 3.30 | 18.80       | 3.48 |
|        | 27                              | 9.40                         | 1.62 | 11.90       | 2.19 | 14.60       | 2.87 | 15.70       | 3.09 | 16.90       | 3.36 | 18.00       | 3.60 | 18.80       | 3.80 |
|        | 29                              | 9.40                         | 1.84 | 11.90       | 2.49 | 14.60       | 3.11 | 15.70       | 3.36 | 16.90       | 3.66 | 18.00       | 3.92 | 18.80       | 4.12 |
|        | 31                              | 9.40                         | 2.14 | 11.90       | 2.78 | 14.60       | 3.34 | 15.70       | 3.59 | 16.90       | 3.89 | 18.00       | 4.16 | 18.80       | 4.38 |
|        | 33                              | 9.40                         | 2.39 | 11.90       | 2.94 | 14.60       | 3.54 | 15.70       | 3.81 | 16.90       | 4.14 | 18.00       | 4.42 | 18.80       | 4.66 |
|        | 35                              | 9.40                         | 2.54 | 11.90       | 3.11 | 14.60       | 3.76 | 15.70       | 4.05 | 16.90       | 4.40 | 18.00       | 4.71 | 18.80       | 4.96 |
|        | 37                              | 9.40                         | 2.72 | 11.90       | 3.30 | 14.60       | 3.99 | 15.70       | 4.30 | 16.90       | 4.68 | 18.00       | 5.01 | 18.80       | 5.27 |
|        | 39                              | 9.40                         | 2.89 | 11.90       | 3.50 | 14.60       | 4.24 | 15.70       | 4.58 | 16.90       | 4.97 | 18.00       | 5.33 | 18.80       | 5.61 |
|        | 41                              | 9.40                         | 3.07 | 11.90       | 3.73 | 14.60       | 4.51 | 15.70       | 4.87 | 16.90       | 5.29 | 18.00       | 5.67 | 18.80       | 5.97 |
|        | 43                              | 9.40                         | 3.26 | 11.90       | 3.96 | 14.60       | 4.80 | 15.70       | 5.18 | 16.90       | 5.63 | 18.00       | 6.03 | 18.80       | 6.35 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 70     | 46                              | 9.40                         | 3.58 | 11.90       | 4.35 | 14.60       | 5.28 | 15.70       | 5.69 | 16.90       | 6.19 | 18.00       | 6.62 | 18.80       | 6.98 |
|        | 48                              | 9.40                         | 3.82 | 11.90       | 4.64 | 14.60       | 5.62 | 15.70       | 6.06 | 16.90       | 6.59 | 17.30       | 6.74 | 17.30       | 6.73 |
|        | 50                              | 9.40                         | 4.07 | 11.90       | 4.94 | 14.60       | 5.98 | 15.30       | 6.31 | 15.30       | 6.29 | 15.30       | 6.29 | 15.30       | 6.30 |
|        | 52                              | 9.40                         | 4.34 | 11.90       | 5.27 | 13.50       | 5.93 | 13.50       | 5.93 | 13.50       | 5.92 | 13.50       | 5.93 | 13.50       | 5.92 |
| 60     | 10                              | 8.10                         | 0.69 | 10.20       | 0.87 | 12.50       | 1.12 | 13.40       | 1.24 | 14.50       | 1.38 | 15.40       | 1.53 | 16.20       | 1.65 |
|        | 12                              | 8.10                         | 0.89 | 10.20       | 1.13 | 12.50       | 1.33 | 13.40       | 1.45 | 14.50       | 1.56 | 15.40       | 1.66 | 16.20       | 1.74 |
|        | 14                              | 8.10                         | 0.98 | 10.20       | 1.14 | 12.50       | 1.36 | 13.40       | 1.46 | 14.50       | 1.58 | 15.40       | 1.70 | 16.20       | 1.78 |
|        | 16                              | 8.10                         | 0.98 | 10.20       | 1.17 | 12.50       | 1.37 | 13.40       | 1.49 | 14.50       | 1.61 | 15.40       | 1.76 | 16.20       | 1.90 |
|        | 18                              | 8.10                         | 0.99 | 10.20       | 1.18 | 12.50       | 1.43 | 13.40       | 1.59 | 14.50       | 1.77 | 15.40       | 1.94 | 16.20       | 2.06 |
|        | 20                              | 8.10                         | 1.00 | 10.20       | 1.24 | 12.50       | 1.58 | 13.40       | 1.76 | 14.50       | 1.93 | 15.40       | 2.13 | 16.20       | 2.29 |
|        | 21                              | 8.10                         | 1.03 | 10.20       | 1.31 | 12.50       | 1.66 | 13.40       | 1.85 | 14.50       | 2.04 | 15.40       | 2.24 | 16.20       | 2.41 |
|        | 23                              | 8.10                         | 1.12 | 10.20       | 1.43 | 12.50       | 1.83 | 13.40       | 2.05 | 14.50       | 2.27 | 15.40       | 2.50 | 16.20       | 2.70 |
|        | 25                              | 8.10                         | 1.21 | 10.20       | 1.57 | 12.50       | 2.05 | 13.40       | 2.28 | 14.50       | 2.55 | 15.40       | 2.80 | 16.20       | 2.93 |
|        | 27                              | 8.10                         | 1.35 | 10.20       | 1.78 | 12.50       | 2.32 | 13.40       | 2.62 | 14.50       | 2.86 | 15.40       | 3.04 | 16.20       | 3.19 |
|        | 29                              | 8.10                         | 1.53 | 10.20       | 2.03 | 12.50       | 2.69 | 13.40       | 2.88 | 14.50       | 3.10 | 15.40       | 3.31 | 16.20       | 3.48 |
|        | 31                              | 8.10                         | 1.76 | 10.20       | 2.37 | 12.50       | 2.90 | 13.40       | 3.09 | 14.50       | 3.33 | 15.40       | 3.54 | 16.20       | 3.70 |
|        | 33                              | 8.10                         | 2.09 | 10.20       | 2.60 | 12.50       | 3.06 | 13.40       | 3.28 | 14.50       | 3.53 | 15.40       | 3.75 | 16.20       | 3.93 |
|        | 35                              | 8.10                         | 2.22 | 10.20       | 2.74 | 12.50       | 3.25 | 13.40       | 3.48 | 14.50       | 3.75 | 15.40       | 3.99 | 16.20       | 4.18 |
|        | 37                              | 8.10                         | 2.37 | 10.20       | 2.90 | 12.50       | 3.44 | 13.40       | 3.69 | 14.50       | 3.98 | 15.40       | 4.24 | 16.20       | 4.44 |
|        | 39                              | 8.10                         | 2.54 | 10.20       | 3.07 | 12.50       | 3.66 | 13.40       | 3.92 | 14.50       | 4.23 | 15.40       | 4.51 | 16.20       | 4.73 |
|        | 41                              | 8.10                         | 2.69 | 10.20       | 3.27 | 12.50       | 3.89 | 13.40       | 4.17 | 14.50       | 4.50 | 15.40       | 4.79 | 16.20       | 5.03 |
|        | 43                              | 8.10                         | 2.86 | 10.20       | 3.47 | 12.50       | 4.14 | 13.40       | 4.44 | 14.50       | 4.79 | 15.40       | 5.10 | 16.20       | 5.35 |
|        | 46                              | 8.10                         | 3.15 | 10.20       | 3.81 | 12.50       | 4.55 | 13.40       | 4.88 | 14.50       | 5.26 | 15.40       | 5.60 | 16.20       | 5.88 |
|        | 48                              | 8.10                         | 3.36 | 10.20       | 4.06 | 12.50       | 4.84 | 13.40       | 5.19 | 14.50       | 5.60 | 15.40       | 5.97 | 16.20       | 6.26 |
| 50     | 50                              | 8.10                         | 3.60 | 10.20       | 4.33 | 12.50       | 5.16 | 13.40       | 5.53 | 14.50       | 5.97 | 15.30       | 6.31 | 15.30       | 6.30 |
|        | 52                              | 8.10                         | 3.86 | 10.20       | 4.62 | 12.50       | 5.50 | 13.40       | 5.89 | 13.50       | 5.92 | 13.50       | 5.92 | 13.50       | 5.92 |
|        | 10                              | 6.70                         | 0.62 | 8.50        | 0.71 | 10.40       | 0.90 | 11.20       | 0.99 | 12.10       | 1.08 | 12.90       | 1.17 | 13.50       | 1.24 |
|        | 12                              | 6.70                         | 0.65 | 8.50        | 0.98 | 10.40       | 1.15 | 11.20       | 1.22 | 12.10       | 1.31 | 12.90       | 1.37 | 13.50       | 1.44 |
|        | 14                              | 6.70                         | 0.88 | 8.50        | 1.00 | 10.40       | 1.17 | 11.20       | 1.24 | 12.10       | 1.32 | 12.90       | 1.39 | 13.50       | 1.45 |
|        | 16                              | 6.70                         | 0.89 | 8.50        | 1.01 | 10.40       | 1.18 | 11.20       | 1.25 | 12.10       | 1.34 | 12.90       | 1.42 | 13.50       | 1.48 |
|        | 18                              | 6.70                         | 0.89 | 8.50        | 1.03 | 10.40       | 1.19 | 11.20       | 1.28 | 12.10       | 1.39 | 12.90       | 1.49 | 13.50       | 1.58 |
|        | 20                              | 6.70                         | 0.90 | 8.50        | 1.04 | 10.40       | 1.26 | 11.20       | 1.38 | 12.10       | 1.51 | 12.90       | 1.65 | 13.50       | 1.75 |
|        | 21                              | 6.70                         | 0.91 | 8.50        | 1.08 | 10.40       | 1.33 | 11.20       | 1.45 | 12.10       | 1.59 | 12.90       | 1.73 | 13.50       | 1.84 |
|        | 23                              | 6.70                         | 0.95 | 8.50        | 1.17 | 10.40       | 1.44 | 11.20       | 1.59 | 12.10       | 1.77 | 12.90       | 1.91 | 13.50       | 2.04 |
|        | 25                              | 6.70                         | 1.03 | 8.50        | 1.29 | 10.40       | 1.62 | 11.20       | 1.78 | 12.10       | 1.96 | 12.90       | 2.14 | 13.50       | 2.29 |
|        | 27                              | 6.70                         | 1.13 | 8.50        | 1.43 | 10.40       | 1.82 | 11.20       | 2.00 | 12.10       | 2.23 | 12.90       | 2.43 | 13.50       | 2.61 |
|        | 29                              | 6.70                         | 1.27 | 8.50        | 1.62 | 10.40       | 2.09 | 11.20       | 2.31 | 12.10       | 2.56 | 12.90       | 2.76 | 13.50       | 2.88 |
|        | 31                              | 6.70                         | 1.46 | 8.50        | 1.87 | 10.40       | 2.41 | 11.20       | 2.65 | 12.10       | 2.82 | 12.90       | 2.98 | 13.50       | 3.10 |
|        | 33                              | 6.70                         | 1.71 | 8.50        | 2.19 | 10.40       | 2.60 | 11.20       | 2.80 | 12.10       | 2.98 | 12.90       | 3.15 | 13.50       | 3.28 |
|        | 35                              | 6.70                         | 1.95 | 8.50        | 2.34 | 10.40       | 2.78 | 11.20       | 2.96 | 12.10       | 3.16 | 12.90       | 3.34 | 13.50       | 3.48 |
|        | 37                              | 6.70                         | 2.06 | 8.50        | 2.46 | 10.40       | 2.95 | 11.20       | 3.13 | 12.10       | 3.35 | 12.90       | 3.54 | 13.50       | 3.70 |
|        | 39                              | 6.70                         | 2.21 | 8.50        | 2.65 | 10.40       | 3.12 | 11.20       | 3.32 | 12.10       | 3.56 | 12.90       | 3.76 | 13.50       | 3.93 |
|        | 41                              | 6.70                         | 2.33 | 8.50        | 2.81 | 10.40       | 3.32 | 11.20       | 3.53 | 12.10       | 3.78 | 12.90       | 4.00 | 13.50       | 4.18 |
|        | 43                              | 6.70                         | 2.47 | 8.50        | 2.99 | 10.40       | 3.53 | 11.20       | 3.76 | 12.10       | 4.02 | 12.90       | 4.26 | 13.50       | 4.45 |
|        | 46                              | 6.70                         | 2.70 | 8.50        | 3.29 | 10.40       | 3.88 | 11.20       | 4.13 | 12.10       | 4.42 | 12.90       | 4.68 | 13.50       | 4.89 |
|        | 48                              | 6.70                         | 2.87 | 8.50        | 3.52 | 10.40       | 4.13 | 11.20       | 4.40 | 12.10       | 4.71 | 12.90       | 4.98 | 13.50       | 5.20 |
|        | 50                              | 6.70                         | 3.07 | 8.50        | 3.76 | 10.40       | 4.40 | 11.20       | 4.69 | 12.10       | 5.02 | 12.90       | 5.31 | 13.50       | 5.54 |
|        | 52                              | 6.70                         | 3.28 | 8.50        | 4.01 | 10.40       | 4.69 | 11.20       | 5.00 | 12.10       | 5.35 | 12.90       | 5.66 | 13.50       | 5.90 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM100LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 21.90                        | 2.19 | 27.60       | 2.93  | 33.80       | 4.14  | 36.40       | 4.81  | 39.30       | 5.70  | 41.80       | 6.40  | 43.80       | 6.98  |
|        | 12                         | 21.90                        | 2.38 | 27.60       | 3.22  | 33.80       | 4.55  | 36.40       | 5.28  | 39.30       | 6.22  | 41.80       | 6.92  | 43.80       | 7.50  |
|        | 14                         | 21.90                        | 2.59 | 27.60       | 3.54  | 33.80       | 5.00  | 36.40       | 5.78  | 39.30       | 6.75  | 41.80       | 7.47  | 43.80       | 8.06  |
|        | 16                         | 21.90                        | 2.83 | 27.60       | 3.89  | 33.80       | 5.50  | 36.40       | 6.34  | 39.30       | 7.32  | 41.80       | 8.07  | 43.80       | 8.66  |
|        | 18                         | 21.90                        | 3.09 | 27.60       | 4.28  | 33.80       | 6.04  | 36.40       | 6.94  | 39.30       | 7.95  | 41.80       | 8.71  | 43.80       | 9.32  |
|        | 20                         | 21.90                        | 3.38 | 27.60       | 4.71  | 33.80       | 6.63  | 36.40       | 7.61  | 39.30       | 8.61  | 41.80       | 9.41  | 43.80       | 9.99  |
|        | 21                         | 21.90                        | 3.54 | 27.60       | 4.94  | 33.80       | 6.94  | 36.40       | 7.96  | 39.30       | 8.97  | 41.80       | 9.69  | 43.80       | 10.19 |
|        | 23                         | 21.90                        | 3.87 | 27.60       | 5.42  | 33.80       | 7.61  | 36.40       | 8.62  | 39.30       | 9.45  | 41.80       | 10.12 | 43.80       | 10.61 |
|        | 25                         | 21.90                        | 4.25 | 27.60       | 5.96  | 33.80       | 8.11  | 36.40       | 9.09  | 39.30       | 9.91  | 41.80       | 10.58 | 43.80       | 11.07 |
|        | 27                         | 21.90                        | 4.66 | 27.60       | 6.38  | 33.80       | 8.61  | 36.40       | 9.56  | 39.30       | 10.40 | 41.80       | 11.08 | 43.80       | 11.58 |
|        | 29                         | 21.90                        | 4.98 | 27.60       | 6.78  | 33.80       | 9.15  | 36.40       | 10.07 | 39.30       | 10.93 | 41.80       | 11.63 | 43.80       | 12.14 |
|        | 31                         | 21.90                        | 5.30 | 27.60       | 7.22  | 33.80       | 9.73  | 36.40       | 10.61 | 39.30       | 11.50 | 41.80       | 12.23 | 43.80       | 12.76 |
|        | 33                         | 21.90                        | 5.64 | 27.60       | 7.68  | 33.80       | 10.34 | 36.40       | 11.19 | 39.30       | 12.13 | 41.80       | 12.90 | 43.30       | 13.34 |
|        | 35                         | 21.90                        | 6.00 | 27.60       | 8.17  | 33.80       | 10.92 | 36.40       | 11.82 | 39.30       | 12.82 | 40.30       | 13.14 | 40.20       | 13.13 |
|        | 37                         | 21.90                        | 6.39 | 27.60       | 8.71  | 33.80       | 11.54 | 36.40       | 12.51 | 37.20       | 12.81 | 37.20       | 12.83 | 37.20       | 12.82 |
|        | 39                         | 21.90                        | 6.80 | 27.60       | 9.28  | 33.80       | 12.23 | 34.30       | 12.43 | 34.30       | 12.42 | 34.30       | 12.43 | 34.30       | 12.42 |
|        | 41                         | 21.90                        | 7.24 | 27.60       | 9.91  | 31.50       | 11.81 | 31.40       | 11.80 | 31.40       | 11.79 | 31.40       | 11.79 | 31.40       | 11.78 |
|        | 43                         | 21.90                        | 7.71 | 27.60       | 10.59 | 28.70       | 11.03 | 28.70       | 11.03 | 28.70       | 11.04 | 28.70       | 11.02 | 28.70       | 11.03 |
|        | 46                         | 21.90                        | 8.49 | 24.90       | 10.07 | 24.80       | 10.04 | 24.80       | 10.05 | 24.80       | 10.04 | 24.80       | 10.06 | 24.80       | 10.05 |
|        | 48                         | 21.90                        | 9.05 | 22.40       | 9.37  | 22.40       | 9.35  | 22.40       | 9.35  | 22.40       | 9.35  | 22.40       | 9.37  | 22.40       | 9.34  |
|        | 50                         | 20.20                        | 8.75 | 20.20       | 8.75  | 20.20       | 8.73  | 20.20       | 8.73  | 20.20       | 8.73  | 20.10       | 8.73  | 20.10       | 8.72  |
|        | 52                         | 18.10                        | 8.18 | 18.10       | 8.18  | 18.10       | 8.18  | 18.10       | 8.18  | 18.10       | 8.17  | 18.10       | 8.18  | 18.00       | 8.17  |
| 120    | 10                         | 20.20                        | 2.03 | 25.50       | 2.62  | 31.20       | 3.57  | 33.60       | 4.09  | 36.30       | 4.78  | 38.60       | 5.47  | 40.40       | 6.01  |
|        | 12                         | 20.20                        | 2.19 | 25.50       | 2.87  | 31.20       | 3.93  | 33.60       | 4.50  | 36.30       | 5.25  | 38.60       | 5.98  | 40.40       | 6.51  |
|        | 14                         | 20.20                        | 2.37 | 25.50       | 3.15  | 31.20       | 4.33  | 33.60       | 4.95  | 36.30       | 5.75  | 38.60       | 6.53  | 40.40       | 7.06  |
|        | 16                         | 20.20                        | 2.53 | 25.50       | 3.45  | 31.20       | 4.76  | 33.60       | 5.44  | 36.30       | 6.31  | 38.60       | 7.11  | 40.40       | 7.64  |
|        | 18                         | 20.20                        | 2.76 | 25.50       | 3.79  | 31.20       | 5.23  | 33.60       | 5.97  | 36.30       | 6.91  | 38.60       | 7.73  | 40.40       | 8.27  |
|        | 20                         | 20.20                        | 3.06 | 25.50       | 4.17  | 31.20       | 5.75  | 33.60       | 6.56  | 36.30       | 7.57  | 38.60       | 8.39  | 40.40       | 8.96  |
|        | 21                         | 20.20                        | 3.20 | 25.50       | 4.37  | 31.20       | 6.03  | 33.60       | 6.87  | 36.30       | 7.92  | 38.60       | 8.74  | 40.40       | 9.31  |
|        | 23                         | 20.20                        | 3.50 | 25.50       | 4.80  | 31.20       | 6.62  | 33.60       | 7.53  | 36.30       | 8.58  | 38.60       | 9.25  | 40.40       | 9.74  |
|        | 25                         | 20.20                        | 3.83 | 25.50       | 5.27  | 31.20       | 7.17  | 33.60       | 8.03  | 36.30       | 9.06  | 38.60       | 9.71  | 40.40       | 10.20 |
|        | 27                         | 20.20                        | 4.19 | 25.50       | 5.71  | 31.20       | 7.61  | 33.60       | 8.53  | 36.30       | 9.53  | 38.60       | 10.20 | 40.40       | 10.70 |
|        | 29                         | 20.20                        | 4.52 | 25.50       | 6.07  | 31.20       | 8.09  | 33.60       | 9.07  | 36.30       | 10.04 | 38.60       | 10.72 | 40.40       | 11.24 |
|        | 31                         | 20.20                        | 4.81 | 25.50       | 6.46  | 31.20       | 8.61  | 33.60       | 9.64  | 36.30       | 10.58 | 38.60       | 11.28 | 40.40       | 11.82 |
|        | 33                         | 20.20                        | 5.12 | 25.50       | 6.88  | 31.20       | 9.16  | 33.60       | 10.27 | 36.30       | 11.16 | 38.60       | 11.90 | 40.40       | 12.47 |
|        | 35                         | 20.20                        | 5.45 | 25.50       | 7.32  | 31.20       | 9.76  | 33.60       | 10.85 | 36.30       | 11.78 | 38.60       | 12.57 | 40.30       | 13.14 |
|        | 37                         | 20.20                        | 5.80 | 25.50       | 7.79  | 31.20       | 10.42 | 33.60       | 11.47 | 36.30       | 12.47 | 37.20       | 12.82 | 37.20       | 12.82 |
|        | 39                         | 20.20                        | 6.17 | 25.50       | 8.30  | 31.20       | 11.14 | 33.60       | 12.15 | 34.30       | 12.43 | 34.30       | 12.42 | 34.30       | 12.42 |
|        | 41                         | 20.20                        | 6.57 | 25.50       | 8.85  | 31.20       | 11.70 | 31.50       | 11.80 | 31.40       | 11.79 | 31.40       | 11.78 | 31.40       | 11.80 |
|        | 43                         | 20.20                        | 6.99 | 25.50       | 9.44  | 28.70       | 11.03 | 28.70       | 11.05 | 28.70       | 11.04 | 28.70       | 11.03 | 28.70       | 11.04 |
|        | 46                         | 20.20                        | 7.69 | 24.80       | 10.05 | 24.80       | 10.04 | 24.80       | 10.04 | 24.80       | 10.07 | 24.80       | 10.06 | 24.80       | 10.06 |
|        | 48                         | 20.20                        | 8.19 | 22.40       | 9.36  | 22.40       | 9.35  | 22.40       | 9.35  | 22.40       | 9.34  | 22.40       | 9.34  | 22.40       | 9.37  |
|        | 50                         | 20.20                        | 8.73 | 20.20       | 8.74  | 20.20       | 8.73  | 20.10       | 8.72  | 20.20       | 8.73  | 20.20       | 8.73  | 20.10       | 8.72  |
|        | 52                         | 18.10                        | 8.19 | 18.10       | 8.19  | 18.10       | 8.17  | 18.10       | 8.19  | 18.10       | 8.17  | 18.00       | 8.16  | 18.00       | 8.17  |
| 110    | 10                         | 18.50                        | 1.89 | 23.40       | 2.35  | 28.60       | 3.09  | 30.80       | 3.49  | 33.30       | 4.02  | 35.40       | 4.54  | 37.00       | 4.99  |
|        | 12                         | 18.50                        | 2.03 | 23.40       | 2.56  | 28.60       | 3.40  | 30.80       | 3.84  | 33.30       | 4.42  | 35.40       | 4.98  | 37.00       | 5.47  |
|        | 14                         | 18.50                        | 2.16 | 23.40       | 2.80  | 28.60       | 3.74  | 30.80       | 4.23  | 33.30       | 4.86  | 35.40       | 5.47  | 37.00       | 5.99  |
|        | 16                         | 18.50                        | 2.22 | 23.40       | 3.07  | 28.60       | 4.11  | 30.80       | 4.65  | 33.30       | 5.34  | 35.40       | 6.00  | 37.00       | 6.56  |
|        | 18                         | 18.50                        | 2.45 | 23.40       | 3.36  | 28.60       | 4.52  | 30.80       | 5.12  | 33.30       | 5.87  | 35.40       | 6.58  | 37.00       | 7.18  |
|        | 20                         | 18.50                        | 2.66 | 23.40       | 3.69  | 28.60       | 4.97  | 30.80       | 5.63  | 33.30       | 6.44  | 35.40       | 7.21  | 37.00       | 7.86  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 18.50                        | 2.80 | 23.40       | 3.86 | 28.60       | 5.22  | 30.80       | 5.90  | 33.30       | 6.75  | 35.40       | 7.55  | 37.00       | 8.23  |
|        | 23                              | 18.50                        | 3.12 | 23.40       | 4.24 | 28.60       | 5.73  | 30.80       | 6.48  | 33.30       | 7.40  | 35.40       | 8.23  | 37.00       | 8.82  |
|        | 25                              | 18.50                        | 3.45 | 23.40       | 4.65 | 28.60       | 6.30  | 30.80       | 7.03  | 33.30       | 7.91  | 35.40       | 8.73  | 37.00       | 9.27  |
|        | 27                              | 18.50                        | 3.77 | 23.40       | 5.09 | 28.60       | 6.70  | 30.80       | 7.47  | 33.30       | 8.40  | 35.40       | 9.26  | 37.00       | 9.75  |
|        | 29                              | 18.50                        | 4.09 | 23.40       | 5.42 | 28.60       | 7.13  | 30.80       | 7.94  | 33.30       | 8.93  | 35.40       | 9.76  | 37.00       | 10.26 |
|        | 31                              | 18.50                        | 4.35 | 23.40       | 5.76 | 28.60       | 7.58  | 30.80       | 8.45  | 33.30       | 9.50  | 35.40       | 10.29 | 37.00       | 10.80 |
|        | 33                              | 18.50                        | 4.62 | 23.40       | 6.13 | 28.60       | 8.07  | 30.80       | 8.99  | 33.30       | 10.12 | 35.40       | 10.86 | 37.00       | 11.39 |
|        | 35                              | 18.50                        | 4.92 | 23.40       | 6.53 | 28.60       | 8.59  | 30.80       | 9.58  | 33.30       | 10.74 | 35.40       | 11.47 | 37.00       | 12.04 |
|        | 37                              | 18.50                        | 5.24 | 23.40       | 6.95 | 28.60       | 9.15  | 30.80       | 10.22 | 33.30       | 11.35 | 35.40       | 12.13 | 37.00       | 12.74 |
|        | 39                              | 18.50                        | 5.57 | 23.40       | 7.40 | 28.60       | 9.76  | 30.80       | 10.92 | 33.30       | 12.02 | 34.30       | 12.43 | 34.30       | 12.43 |
|        | 41                              | 18.50                        | 5.93 | 23.40       | 7.88 | 28.60       | 10.43 | 30.80       | 11.55 | 31.40       | 11.79 | 31.50       | 11.80 | 31.50       | 11.80 |
|        | 43                              | 18.50                        | 6.32 | 23.40       | 8.40 | 28.60       | 11.00 | 28.70       | 11.05 | 28.70       | 11.04 | 28.70       | 11.03 | 28.70       | 11.03 |
|        | 46                              | 18.50                        | 6.94 | 23.40       | 9.25 | 24.80       | 10.05 | 24.80       | 10.05 | 24.80       | 10.07 | 24.80       | 10.04 | 24.80       | 10.04 |
|        | 48                              | 18.50                        | 7.39 | 22.50       | 9.38 | 22.40       | 9.36  | 22.40       | 9.35  | 22.40       | 9.37  | 22.40       | 9.37  | 22.40       | 9.37  |
|        | 50                              | 18.50                        | 7.87 | 20.20       | 8.75 | 20.20       | 8.73  | 20.20       | 8.72  | 20.20       | 8.74  | 20.20       | 8.75  | 20.20       | 8.74  |
| 100    | 52                              | 18.10                        | 8.19 | 18.10       | 8.18 | 18.10       | 8.17  | 18.10       | 8.17  | 18.10       | 8.19  | 18.10       | 8.17  | 18.00       | 8.16  |
|        | 10                              | 16.80                        | 1.77 | 21.20       | 2.13 | 26.00       | 2.69  | 28.00       | 2.99  | 30.20       | 3.38  | 32.20       | 3.77  | 33.70       | 4.11  |
|        | 12                              | 16.80                        | 1.89 | 21.20       | 2.31 | 26.00       | 2.95  | 28.00       | 3.29  | 30.20       | 3.73  | 32.20       | 4.15  | 33.70       | 4.52  |
|        | 14                              | 16.80                        | 1.97 | 21.20       | 2.51 | 26.00       | 3.23  | 28.00       | 3.61  | 30.20       | 4.10  | 32.20       | 4.57  | 33.70       | 4.97  |
|        | 16                              | 16.80                        | 1.99 | 21.20       | 2.73 | 26.00       | 3.55  | 28.00       | 3.98  | 30.20       | 4.51  | 32.20       | 5.02  | 33.70       | 5.46  |
|        | 18                              | 16.80                        | 2.16 | 21.20       | 2.98 | 26.00       | 3.90  | 28.00       | 4.37  | 30.20       | 4.96  | 32.20       | 5.52  | 33.70       | 5.99  |
|        | 20                              | 16.80                        | 2.35 | 21.20       | 3.26 | 26.00       | 4.29  | 28.00       | 4.81  | 30.20       | 5.46  | 32.20       | 6.07  | 33.70       | 6.58  |
|        | 21                              | 16.80                        | 2.47 | 21.20       | 3.41 | 26.00       | 4.50  | 28.00       | 5.04  | 30.20       | 5.72  | 32.20       | 6.36  | 33.70       | 6.89  |
|        | 23                              | 16.80                        | 2.72 | 21.20       | 3.73 | 26.00       | 4.94  | 28.00       | 5.54  | 30.20       | 6.28  | 32.20       | 6.98  | 33.70       | 7.56  |
|        | 25                              | 16.80                        | 3.04 | 21.20       | 4.09 | 26.00       | 5.43  | 28.00       | 6.09  | 30.20       | 6.84  | 32.20       | 7.51  | 33.70       | 8.06  |
|        | 27                              | 16.80                        | 3.38 | 21.20       | 4.48 | 26.00       | 5.86  | 28.00       | 6.50  | 30.20       | 7.27  | 32.20       | 7.98  | 33.70       | 8.56  |
|        | 29                              | 16.80                        | 3.68 | 21.20       | 4.81 | 26.00       | 6.24  | 28.00       | 6.91  | 30.20       | 7.73  | 32.20       | 8.48  | 33.70       | 9.09  |
|        | 31                              | 16.80                        | 3.92 | 21.20       | 5.11 | 26.00       | 6.64  | 28.00       | 7.36  | 30.20       | 8.22  | 32.20       | 9.02  | 33.70       | 9.67  |
|        | 33                              | 16.80                        | 4.16 | 21.20       | 5.44 | 26.00       | 7.06  | 28.00       | 7.83  | 30.20       | 8.75  | 32.20       | 9.60  | 33.70       | 10.29 |
| 90     | 35                              | 16.80                        | 4.42 | 21.20       | 5.79 | 26.00       | 7.52  | 28.00       | 8.33  | 30.20       | 9.32  | 32.20       | 10.23 | 33.70       | 10.87 |
|        | 37                              | 16.80                        | 4.71 | 21.20       | 6.16 | 26.00       | 8.00  | 28.00       | 8.88  | 30.20       | 9.94  | 32.20       | 10.93 | 33.70       | 11.50 |
|        | 39                              | 16.80                        | 5.01 | 21.20       | 6.56 | 26.00       | 8.53  | 28.00       | 9.46  | 30.20       | 10.62 | 32.20       | 11.59 | 33.70       | 12.18 |
|        | 41                              | 16.80                        | 5.33 | 21.20       | 6.99 | 26.00       | 9.09  | 28.00       | 10.10 | 30.20       | 11.36 | 31.50       | 11.80 | 31.40       | 11.79 |
|        | 43                              | 16.80                        | 5.68 | 21.20       | 7.44 | 26.00       | 9.70  | 28.00       | 10.80 | 28.70       | 11.05 | 28.70       | 11.04 | 28.70       | 11.04 |
|        | 46                              | 16.80                        | 6.24 | 21.20       | 8.18 | 24.90       | 10.07 | 24.80       | 10.06 | 24.80       | 10.05 | 24.80       | 10.06 | 24.80       | 10.04 |
|        | 48                              | 16.80                        | 6.65 | 21.20       | 8.72 | 22.40       | 9.35  | 22.40       | 9.35  | 22.40       | 9.37  | 22.40       | 9.37  | 22.40       | 9.35  |
|        | 50                              | 16.80                        | 7.08 | 20.20       | 8.73 | 20.20       | 8.73  | 20.20       | 8.73  | 20.20       | 8.75  | 20.20       | 8.72  | 20.20       | 8.73  |
|        | 52                              | 16.80                        | 7.54 | 18.10       | 8.20 | 18.10       | 8.19  | 18.10       | 8.17  | 18.10       | 8.19  | 18.10       | 8.17  | 18.10       | 8.17  |
|        | 10                              | 15.10                        | 1.50 | 19.10       | 1.94 | 23.40       | 2.35  | 25.20       | 2.58  | 27.20       | 2.87  | 28.90       | 3.15  | 30.30       | 3.39  |
|        | 12                              | 15.10                        | 1.77 | 19.10       | 2.09 | 23.40       | 2.57  | 25.20       | 2.82  | 27.20       | 3.15  | 28.90       | 3.46  | 30.30       | 3.74  |
|        | 14                              | 15.10                        | 1.80 | 19.10       | 2.25 | 23.40       | 2.81  | 25.20       | 3.10  | 27.20       | 3.46  | 28.90       | 3.81  | 30.30       | 4.11  |
|        | 16                              | 15.10                        | 1.82 | 19.10       | 2.33 | 23.40       | 3.07  | 25.20       | 3.40  | 27.20       | 3.81  | 28.90       | 4.20  | 30.30       | 4.53  |
|        | 18                              | 15.10                        | 1.88 | 19.10       | 2.56 | 23.40       | 3.37  | 25.20       | 3.73  | 27.20       | 4.19  | 28.90       | 4.62  | 30.30       | 4.98  |
|        | 20                              | 15.10                        | 2.06 | 19.10       | 2.82 | 23.40       | 3.69  | 25.20       | 4.10  | 27.20       | 4.60  | 28.90       | 5.08  | 30.30       | 5.47  |
|        | 21                              | 15.10                        | 2.14 | 19.10       | 2.94 | 23.40       | 3.87  | 25.20       | 4.30  | 27.20       | 4.83  | 28.90       | 5.32  | 30.30       | 5.74  |
|        | 23                              | 15.10                        | 2.38 | 19.10       | 3.28 | 23.40       | 4.24  | 25.20       | 4.72  | 27.20       | 5.30  | 28.90       | 5.85  | 30.30       | 6.30  |
|        | 25                              | 15.10                        | 2.63 | 19.10       | 3.58 | 23.40       | 4.66  | 25.20       | 5.18  | 27.20       | 5.83  | 28.90       | 6.41  | 30.30       | 6.86  |
|        | 27                              | 15.10                        | 2.97 | 19.10       | 3.92 | 23.40       | 5.10  | 25.20       | 5.62  | 27.20       | 6.25  | 28.90       | 6.82  | 30.30       | 7.29  |
|        | 29                              | 15.10                        | 3.28 | 19.10       | 4.24 | 23.40       | 5.42  | 25.20       | 5.98  | 27.20       | 6.65  | 28.90       | 7.25  | 30.30       | 7.75  |
|        | 31                              | 15.10                        | 3.51 | 19.10       | 4.51 | 23.40       | 5.77  | 25.20       | 6.36  | 27.20       | 7.07  | 28.90       | 7.72  | 30.30       | 8.24  |
|        | 33                              | 15.10                        | 3.73 | 19.10       | 4.80 | 23.40       | 6.14  | 25.20       | 6.77  | 27.20       | 7.53  | 28.90       | 8.21  | 30.30       | 8.77  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 15.10                        | 3.96 | 19.10       | 5.11 | 23.40       | 6.54 | 25.20       | 7.21  | 27.20       | 8.01  | 28.90       | 8.74  | 30.30       | 9.35  |
|        | 37                              | 15.10                        | 4.21 | 19.10       | 5.43 | 23.40       | 6.96 | 25.20       | 7.67  | 27.20       | 8.53  | 28.90       | 9.32  | 30.30       | 9.97  |
|        | 39                              | 15.10                        | 4.48 | 19.10       | 5.78 | 23.40       | 7.41 | 25.20       | 8.17  | 27.20       | 9.09  | 28.90       | 9.94  | 30.30       | 10.64 |
|        | 41                              | 15.10                        | 4.77 | 19.10       | 6.16 | 23.40       | 7.89 | 25.20       | 8.71  | 27.20       | 9.70  | 28.90       | 10.62 | 30.30       | 11.39 |
|        | 43                              | 15.10                        | 5.08 | 19.10       | 6.56 | 23.40       | 8.41 | 25.20       | 9.29  | 27.20       | 10.36 | 28.70       | 11.05 | 28.70       | 11.05 |
|        | 46                              | 15.10                        | 5.58 | 19.10       | 7.21 | 23.40       | 9.26 | 24.80       | 10.05 | 24.90       | 10.06 | 24.80       | 10.06 | 24.90       | 10.07 |
|        | 48                              | 15.10                        | 5.95 | 19.10       | 7.67 | 22.50       | 9.38 | 22.50       | 9.37  | 22.40       | 9.36  | 22.40       | 9.36  | 22.40       | 9.35  |
|        | 50                              | 15.10                        | 6.33 | 19.10       | 8.18 | 20.20       | 8.73 | 20.20       | 8.73  | 20.20       | 8.74  | 20.20       | 8.75  | 20.20       | 8.73  |
|        | 52                              | 15.10                        | 6.75 | 18.10       | 8.19 | 18.10       | 8.19 | 18.10       | 8.19  | 18.10       | 8.18  | 18.10       | 8.19  | 18.10       | 8.19  |
| 80     | 10                              | 13.50                        | 1.26 | 17.00       | 1.78 | 20.80       | 2.08 | 22.40       | 2.24  | 24.20       | 2.45  | 25.70       | 2.65  | 26.90       | 2.82  |
|        | 12                              | 13.50                        | 1.62 | 17.00       | 1.90 | 20.80       | 2.26 | 22.40       | 2.44  | 24.20       | 2.68  | 25.70       | 2.90  | 26.90       | 3.10  |
|        | 14                              | 13.50                        | 1.64 | 17.00       | 1.99 | 20.80       | 2.45 | 22.40       | 2.66  | 24.20       | 2.93  | 25.70       | 3.19  | 26.90       | 3.41  |
|        | 16                              | 13.50                        | 1.66 | 17.00       | 2.01 | 20.80       | 2.66 | 22.40       | 2.91  | 24.20       | 3.21  | 25.70       | 3.50  | 26.90       | 3.75  |
|        | 18                              | 13.50                        | 1.68 | 17.00       | 2.16 | 20.80       | 2.91 | 22.40       | 3.18  | 24.20       | 3.52  | 25.70       | 3.85  | 26.90       | 4.12  |
|        | 20                              | 13.50                        | 1.79 | 17.00       | 2.38 | 20.80       | 3.17 | 22.40       | 3.48  | 24.20       | 3.87  | 25.70       | 4.23  | 26.90       | 4.53  |
|        | 21                              | 13.50                        | 1.88 | 17.00       | 2.50 | 20.80       | 3.32 | 22.40       | 3.65  | 24.20       | 4.05  | 25.70       | 4.43  | 26.90       | 4.75  |
|        | 23                              | 13.50                        | 2.05 | 17.00       | 2.75 | 20.80       | 3.63 | 22.40       | 4.00  | 24.20       | 4.45  | 25.70       | 4.87  | 26.90       | 5.22  |
|        | 25                              | 13.50                        | 2.26 | 17.00       | 3.09 | 20.80       | 3.98 | 22.40       | 4.38  | 24.20       | 4.88  | 25.70       | 5.35  | 26.90       | 5.73  |
|        | 27                              | 13.50                        | 2.55 | 17.00       | 3.41 | 20.80       | 4.36 | 22.40       | 4.81  | 24.20       | 5.33  | 25.70       | 5.78  | 26.90       | 6.16  |
|        | 29                              | 13.50                        | 2.86 | 17.00       | 3.73 | 20.80       | 4.68 | 22.40       | 5.13  | 24.20       | 5.67  | 25.70       | 6.15  | 26.90       | 6.55  |
|        | 31                              | 13.50                        | 3.14 | 17.00       | 3.96 | 20.80       | 4.98 | 22.40       | 5.46  | 24.20       | 6.03  | 25.70       | 6.55  | 26.90       | 6.97  |
|        | 33                              | 13.50                        | 3.33 | 17.00       | 4.21 | 20.80       | 5.30 | 22.40       | 5.81  | 24.20       | 6.42  | 25.70       | 6.97  | 26.90       | 7.41  |
|        | 35                              | 13.50                        | 3.53 | 17.00       | 4.47 | 20.80       | 5.64 | 22.40       | 6.18  | 24.20       | 6.83  | 25.70       | 7.41  | 26.90       | 7.89  |
|        | 37                              | 13.50                        | 3.75 | 17.00       | 4.76 | 20.80       | 6.01 | 22.40       | 6.58  | 24.20       | 7.27  | 25.70       | 7.89  | 26.90       | 8.40  |
|        | 39                              | 13.50                        | 3.99 | 17.00       | 5.07 | 20.80       | 6.39 | 22.40       | 7.01  | 24.20       | 7.74  | 25.70       | 8.41  | 26.90       | 8.96  |
|        | 41                              | 13.50                        | 4.24 | 17.00       | 5.39 | 20.80       | 6.81 | 22.40       | 7.46  | 24.20       | 8.25  | 25.70       | 8.96  | 26.90       | 9.55  |
|        | 43                              | 13.50                        | 4.52 | 17.00       | 5.74 | 20.80       | 7.25 | 22.40       | 7.95  | 24.20       | 8.79  | 25.70       | 9.56  | 26.90       | 10.20 |
|        | 46                              | 13.50                        | 4.97 | 17.00       | 6.31 | 20.80       | 7.97 | 22.40       | 8.75  | 24.20       | 9.69  | 24.90       | 10.06 | 24.80       | 10.05 |
|        | 48                              | 13.50                        | 5.29 | 17.00       | 6.72 | 20.80       | 8.49 | 22.40       | 9.33  | 22.50       | 9.37  | 22.40       | 9.36  | 22.40       | 9.35  |
|        | 50                              | 13.50                        | 5.64 | 17.00       | 7.15 | 20.20       | 8.75 | 20.20       | 8.74  | 20.20       | 8.74  | 20.20       | 8.74  | 20.20       | 8.74  |
|        | 52                              | 13.50                        | 6.01 | 17.00       | 7.62 | 18.10       | 8.18 | 18.10       | 8.18  | 18.10       | 8.19  | 18.10       | 8.18  | 18.10       | 8.18  |
| 70     | 10                              | 11.80                        | 1.07 | 14.90       | 1.46 | 18.20       | 1.87 | 19.60       | 1.98  | 21.20       | 2.12  | 22.50       | 2.26  | 23.60       | 2.37  |
|        | 12                              | 11.80                        | 1.45 | 14.90       | 1.75 | 18.20       | 2.00 | 19.60       | 2.13  | 21.20       | 2.30  | 22.50       | 2.46  | 23.60       | 2.59  |
|        | 14                              | 11.80                        | 1.47 | 14.90       | 1.77 | 18.20       | 2.11 | 19.60       | 2.28  | 21.20       | 2.50  | 22.50       | 2.68  | 23.60       | 2.83  |
|        | 16                              | 11.80                        | 1.49 | 14.90       | 1.79 | 18.20       | 2.18 | 19.60       | 2.42  | 21.20       | 2.72  | 22.50       | 2.93  | 23.60       | 3.10  |
|        | 18                              | 11.80                        | 1.51 | 14.90       | 1.84 | 18.20       | 2.38 | 19.60       | 2.64  | 21.20       | 2.97  | 22.50       | 3.20  | 23.60       | 3.40  |
|        | 20                              | 11.80                        | 1.56 | 14.90       | 2.00 | 18.20       | 2.62 | 19.60       | 2.91  | 21.20       | 3.24  | 22.50       | 3.51  | 23.60       | 3.73  |
|        | 21                              | 11.80                        | 1.63 | 14.90       | 2.09 | 18.20       | 2.75 | 19.60       | 3.09  | 21.20       | 3.39  | 22.50       | 3.67  | 23.60       | 3.91  |
|        | 23                              | 11.80                        | 1.77 | 14.90       | 2.30 | 18.20       | 3.03 | 19.60       | 3.38  | 21.20       | 3.71  | 22.50       | 4.03  | 23.60       | 4.29  |
|        | 25                              | 11.80                        | 1.94 | 14.90       | 2.57 | 18.20       | 3.38 | 19.60       | 3.69  | 21.20       | 4.07  | 22.50       | 4.42  | 23.60       | 4.70  |
|        | 27                              | 11.80                        | 2.14 | 14.90       | 2.86 | 18.20       | 3.69 | 19.60       | 4.04  | 21.20       | 4.46  | 22.50       | 4.84  | 23.60       | 5.15  |
|        | 29                              | 11.80                        | 2.41 | 14.90       | 3.22 | 18.20       | 4.01 | 19.60       | 4.37  | 21.20       | 4.79  | 22.50       | 5.16  | 23.60       | 5.47  |
|        | 31                              | 11.80                        | 2.76 | 14.90       | 3.45 | 18.20       | 4.27 | 19.60       | 4.64  | 21.20       | 5.09  | 22.50       | 5.50  | 23.60       | 5.83  |
|        | 33                              | 11.80                        | 2.96 | 14.90       | 3.66 | 18.20       | 4.54 | 19.60       | 4.94  | 21.20       | 5.42  | 22.50       | 5.85  | 23.60       | 6.20  |
|        | 35                              | 11.80                        | 3.13 | 14.90       | 3.89 | 18.20       | 4.83 | 19.60       | 5.26  | 21.20       | 5.77  | 22.50       | 6.23  | 23.60       | 6.60  |
|        | 37                              | 11.80                        | 3.32 | 14.90       | 4.14 | 18.20       | 5.13 | 19.60       | 5.59  | 21.20       | 6.14  | 22.50       | 6.63  | 23.60       | 7.02  |
|        | 39                              | 11.80                        | 3.53 | 14.90       | 4.40 | 18.20       | 5.47 | 19.60       | 5.95  | 21.20       | 6.53  | 22.50       | 7.05  | 23.60       | 7.48  |
|        | 41                              | 11.80                        | 3.75 | 14.90       | 4.68 | 18.20       | 5.82 | 19.60       | 6.34  | 21.20       | 6.96  | 22.50       | 7.51  | 23.60       | 7.97  |
|        | 43                              | 11.80                        | 3.99 | 14.90       | 4.99 | 18.20       | 6.19 | 19.60       | 6.75  | 21.20       | 7.41  | 22.50       | 8.00  | 23.60       | 8.49  |
|        | 46                              | 11.80                        | 4.39 | 14.90       | 5.48 | 18.20       | 6.81 | 19.60       | 7.42  | 21.20       | 8.15  | 22.50       | 8.81  | 23.60       | 9.35  |
|        | 48                              | 11.80                        | 4.68 | 14.90       | 5.84 | 18.20       | 7.25 | 19.60       | 7.90  | 21.20       | 8.68  | 22.40       | 9.36  | 22.50       | 9.38  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 70     | 50                              | 11.80                        | 4.99 | 14.90       | 6.22 | 18.20       | 7.72 | 19.60       | 8.42 | 20.20       | 8.73 | 20.20       | 8.74 | 20.20       | 8.74 |
|        | 52                              | 11.80                        | 5.32 | 14.90       | 6.62 | 18.10       | 8.19 | 18.10       | 8.19 | 18.10       | 8.18 | 18.10       | 8.17 | 18.10       | 8.19 |
| 60     | 10                              | 10.10                        | 0.95 | 12.70       | 1.18 | 15.60       | 1.58 | 16.80       | 1.77 | 18.10       | 1.86 | 19.30       | 1.95 | 20.20       | 2.03 |
|        | 12                              | 10.10                        | 1.34 | 12.70       | 1.56 | 15.60       | 1.80 | 16.80       | 1.89 | 18.10       | 2.00 | 19.30       | 2.10 | 20.20       | 2.19 |
|        | 14                              | 10.10                        | 1.36 | 12.70       | 1.58 | 15.60       | 1.83 | 16.80       | 1.97 | 18.10       | 2.11 | 19.30       | 2.27 | 20.20       | 2.38 |
|        | 16                              | 10.10                        | 1.36 | 12.70       | 1.60 | 15.60       | 1.86 | 16.80       | 1.99 | 18.10       | 2.18 | 19.30       | 2.36 | 20.20       | 2.53 |
|        | 18                              | 10.10                        | 1.38 | 12.70       | 1.62 | 15.60       | 1.96 | 16.80       | 2.16 | 18.10       | 2.37 | 19.30       | 2.59 | 20.20       | 2.76 |
|        | 20                              | 10.10                        | 1.39 | 12.70       | 1.70 | 15.60       | 2.13 | 16.80       | 2.35 | 18.10       | 2.62 | 19.30       | 2.83 | 20.20       | 3.06 |
|        | 21                              | 10.10                        | 1.41 | 12.70       | 1.76 | 15.60       | 2.24 | 16.80       | 2.46 | 18.10       | 2.73 | 19.30       | 2.98 | 20.20       | 3.20 |
|        | 23                              | 10.10                        | 1.51 | 12.70       | 1.92 | 15.60       | 2.45 | 16.80       | 2.71 | 18.10       | 3.04 | 19.30       | 3.31 | 20.20       | 3.50 |
|        | 25                              | 10.10                        | 1.64 | 12.70       | 2.14 | 15.60       | 2.72 | 16.80       | 3.04 | 18.10       | 3.37 | 19.30       | 3.62 | 20.20       | 3.83 |
|        | 27                              | 10.10                        | 1.81 | 12.70       | 2.37 | 15.60       | 3.07 | 16.80       | 3.37 | 18.10       | 3.68 | 19.30       | 3.96 | 20.20       | 4.19 |
|        | 29                              | 10.10                        | 2.03 | 12.70       | 2.67 | 15.60       | 3.39 | 16.80       | 3.68 | 18.10       | 4.00 | 19.30       | 4.29 | 20.20       | 4.52 |
|        | 31                              | 10.10                        | 2.31 | 12.70       | 2.99 | 15.60       | 3.62 | 16.80       | 3.91 | 18.10       | 4.25 | 19.30       | 4.56 | 20.20       | 4.81 |
|        | 33                              | 10.10                        | 2.61 | 12.70       | 3.17 | 15.60       | 3.84 | 16.80       | 4.15 | 18.10       | 4.52 | 19.30       | 4.85 | 20.20       | 5.12 |
|        | 35                              | 10.10                        | 2.76 | 12.70       | 3.36 | 15.60       | 4.08 | 16.80       | 4.42 | 18.10       | 4.81 | 19.30       | 5.16 | 20.20       | 5.45 |
|        | 37                              | 10.10                        | 2.92 | 12.70       | 3.56 | 15.60       | 4.34 | 16.80       | 4.70 | 18.10       | 5.12 | 19.30       | 5.49 | 20.20       | 5.80 |
|        | 39                              | 10.10                        | 3.10 | 12.70       | 3.79 | 15.60       | 4.62 | 16.80       | 5.00 | 18.10       | 5.45 | 19.30       | 5.85 | 20.20       | 6.17 |
|        | 41                              | 10.10                        | 3.29 | 12.70       | 4.03 | 15.60       | 4.92 | 16.80       | 5.32 | 18.10       | 5.80 | 19.30       | 6.23 | 20.20       | 6.57 |
|        | 43                              | 10.10                        | 3.50 | 12.70       | 4.29 | 15.60       | 5.24 | 16.80       | 5.67 | 18.10       | 6.18 | 19.30       | 6.63 | 20.20       | 7.00 |
|        | 46                              | 10.10                        | 3.85 | 12.70       | 4.72 | 15.60       | 5.76 | 16.80       | 6.23 | 18.10       | 6.79 | 19.30       | 7.28 | 20.20       | 7.69 |
|        | 48                              | 10.10                        | 4.10 | 12.70       | 5.03 | 15.60       | 6.13 | 16.80       | 6.63 | 18.10       | 7.23 | 19.30       | 7.76 | 20.20       | 8.19 |
|        | 50                              | 10.10                        | 4.38 | 12.70       | 5.36 | 15.60       | 6.53 | 16.80       | 7.06 | 18.10       | 7.70 | 19.30       | 8.27 | 20.20       | 8.74 |
|        | 52                              | 10.10                        | 4.67 | 12.70       | 5.71 | 15.60       | 6.95 | 16.80       | 7.52 | 18.10       | 8.19 | 18.10       | 8.19 | 18.10       | 8.18 |
| 50     | 10                              | 8.40                         | 0.87 | 10.60       | 0.98 | 13.00       | 1.21 | 14.00       | 1.33 | 15.10       | 1.50 | 16.10       | 1.66 | 16.80       | 1.77 |
|        | 12                              | 8.40                         | 0.97 | 10.60       | 1.38 | 13.00       | 1.57 | 14.00       | 1.67 | 15.10       | 1.76 | 16.10       | 1.83 | 16.80       | 1.89 |
|        | 14                              | 8.40                         | 1.23 | 10.60       | 1.39 | 13.00       | 1.59 | 14.00       | 1.69 | 15.10       | 1.79 | 16.10       | 1.88 | 16.80       | 1.97 |
|        | 16                              | 8.40                         | 1.24 | 10.60       | 1.41 | 13.00       | 1.61 | 14.00       | 1.71 | 15.10       | 1.81 | 16.10       | 1.92 | 16.80       | 1.99 |
|        | 18                              | 8.40                         | 1.24 | 10.60       | 1.43 | 13.00       | 1.63 | 14.00       | 1.73 | 15.10       | 1.87 | 16.10       | 2.03 | 16.80       | 2.16 |
|        | 20                              | 8.40                         | 1.26 | 10.60       | 1.45 | 13.00       | 1.72 | 14.00       | 1.87 | 15.10       | 2.04 | 16.10       | 2.20 | 16.80       | 2.35 |
|        | 21                              | 8.40                         | 1.26 | 10.60       | 1.49 | 13.00       | 1.81 | 14.00       | 1.96 | 15.10       | 2.14 | 16.10       | 2.31 | 16.80       | 2.48 |
|        | 23                              | 8.40                         | 1.32 | 10.60       | 1.60 | 13.00       | 1.97 | 14.00       | 2.15 | 15.10       | 2.35 | 16.10       | 2.54 | 16.80       | 2.72 |
|        | 25                              | 8.40                         | 1.40 | 10.60       | 1.75 | 13.00       | 2.17 | 14.00       | 2.37 | 15.10       | 2.63 | 16.10       | 2.85 | 16.80       | 3.04 |
|        | 27                              | 8.40                         | 1.52 | 10.60       | 1.92 | 13.00       | 2.40 | 14.00       | 2.67 | 15.10       | 2.96 | 16.10       | 3.21 | 16.80       | 3.38 |
|        | 29                              | 8.40                         | 1.69 | 10.60       | 2.15 | 13.00       | 2.74 | 14.00       | 3.03 | 15.10       | 3.28 | 16.10       | 3.50 | 16.80       | 3.68 |
|        | 31                              | 8.40                         | 1.90 | 10.60       | 2.45 | 13.00       | 3.05 | 14.00       | 3.26 | 15.10       | 3.51 | 16.10       | 3.74 | 16.80       | 3.92 |
|        | 33                              | 8.40                         | 2.20 | 10.60       | 2.72 | 13.00       | 3.22 | 14.00       | 3.45 | 15.10       | 3.72 | 16.10       | 3.97 | 16.80       | 4.16 |
|        | 35                              | 8.40                         | 2.38 | 10.60       | 2.87 | 13.00       | 3.42 | 14.00       | 3.66 | 15.10       | 3.96 | 16.10       | 4.22 | 16.80       | 4.43 |
|        | 37                              | 8.40                         | 2.51 | 10.60       | 3.04 | 13.00       | 3.63 | 14.00       | 3.89 | 15.10       | 4.21 | 16.10       | 4.48 | 16.80       | 4.71 |
|        | 39                              | 8.40                         | 2.66 | 10.60       | 3.23 | 13.00       | 3.86 | 14.00       | 4.14 | 15.10       | 4.48 | 16.10       | 4.77 | 16.80       | 5.01 |
|        | 41                              | 8.40                         | 2.82 | 10.60       | 3.43 | 13.00       | 4.10 | 14.00       | 4.41 | 15.10       | 4.76 | 16.10       | 5.08 | 16.80       | 5.34 |
|        | 43                              | 8.40                         | 3.00 | 10.60       | 3.65 | 13.00       | 4.37 | 14.00       | 4.69 | 15.10       | 5.07 | 16.10       | 5.41 | 16.80       | 5.68 |
|        | 46                              | 8.40                         | 3.31 | 10.60       | 4.01 | 13.00       | 4.80 | 14.00       | 5.16 | 15.10       | 5.58 | 16.10       | 5.94 | 16.80       | 6.24 |
|        | 48                              | 8.40                         | 3.54 | 10.60       | 4.28 | 13.00       | 5.12 | 14.00       | 5.50 | 15.10       | 5.94 | 16.10       | 6.33 | 16.80       | 6.65 |
|        | 50                              | 8.40                         | 3.79 | 10.60       | 4.56 | 13.00       | 5.46 | 14.00       | 5.86 | 15.10       | 6.33 | 16.10       | 6.74 | 16.80       | 7.08 |
|        | 52                              | 8.40                         | 4.06 | 10.60       | 4.87 | 13.00       | 5.81 | 14.00       | 6.24 | 15.10       | 6.74 | 16.10       | 7.18 | 16.80       | 7.54 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM120LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 26.20                        | 2.85  | 33.10       | 4.17  | 40.50       | 6.37  | 43.70       | 7.32  | 47.20       | 8.48  | 50.20       | 9.54  | 52.50       | 10.42 |
|        | 12                         | 26.20                        | 3.14  | 33.10       | 4.59  | 40.50       | 6.78  | 43.70       | 7.78  | 47.20       | 9.06  | 50.20       | 10.09 | 52.50       | 10.91 |
|        | 14                         | 26.20                        | 3.36  | 33.10       | 5.06  | 40.50       | 7.31  | 43.70       | 8.42  | 47.20       | 9.69  | 50.20       | 10.69 | 52.50       | 11.45 |
|        | 16                         | 26.20                        | 3.67  | 33.10       | 5.49  | 40.50       | 7.97  | 43.70       | 9.20  | 47.20       | 10.37 | 50.20       | 11.35 | 52.50       | 12.05 |
|        | 18                         | 26.20                        | 4.04  | 33.10       | 6.01  | 40.50       | 8.69  | 43.70       | 9.93  | 47.20       | 11.11 | 50.20       | 12.02 | 52.20       | 12.44 |
|        | 20                         | 26.20                        | 4.42  | 33.10       | 6.59  | 40.50       | 9.34  | 43.70       | 10.56 | 47.20       | 11.67 | 50.20       | 12.37 | 51.80       | 12.65 |
|        | 21                         | 26.20                        | 4.67  | 33.10       | 6.95  | 40.50       | 9.64  | 43.70       | 10.95 | 47.20       | 11.89 | 50.20       | 12.56 | 51.60       | 12.78 |
|        | 23                         | 26.20                        | 5.15  | 33.10       | 7.53  | 40.50       | 10.30 | 43.70       | 11.43 | 47.20       | 12.35 | 50.20       | 12.97 | 51.10       | 13.11 |
|        | 25                         | 26.20                        | 5.75  | 33.10       | 8.07  | 40.50       | 11.05 | 43.70       | 11.95 | 47.20       | 12.86 | 49.80       | 13.39 | 50.50       | 13.50 |
|        | 27                         | 26.20                        | 6.16  | 33.10       | 8.64  | 40.50       | 11.60 | 43.70       | 12.52 | 47.20       | 13.43 | 49.30       | 13.84 | 50.00       | 13.96 |
|        | 29                         | 26.20                        | 6.63  | 33.10       | 9.26  | 40.50       | 12.19 | 43.70       | 13.14 | 47.20       | 14.06 | 48.70       | 14.36 | 49.30       | 14.49 |
|        | 31                         | 26.20                        | 7.09  | 33.10       | 10.05 | 40.50       | 12.84 | 43.70       | 13.82 | 47.20       | 14.79 | 48.00       | 14.95 | 48.70       | 15.09 |
|        | 33                         | 26.20                        | 7.63  | 33.10       | 10.70 | 40.50       | 13.54 | 43.70       | 14.59 | 46.50       | 15.43 | 47.30       | 15.60 | 48.00       | 15.75 |
|        | 35                         | 26.20                        | 8.13  | 33.10       | 11.42 | 40.50       | 14.33 | 43.70       | 15.47 | 45.80       | 16.13 | 46.60       | 16.32 | 47.30       | 16.48 |
|        | 37                         | 26.20                        | 8.66  | 33.10       | 12.20 | 40.50       | 15.21 | 43.10       | 16.25 | 43.10       | 16.26 | 43.10       | 16.25 | 43.00       | 16.25 |
|        | 39                         | 26.20                        | 9.23  | 33.10       | 12.48 | 40.10       | 15.12 | 40.10       | 15.10 | 40.10       | 15.11 | 40.10       | 15.11 | 40.10       | 15.11 |
|        | 41                         | 26.20                        | 9.84  | 33.10       | 12.61 | 37.20       | 14.17 | 37.20       | 14.16 | 37.20       | 14.17 | 37.20       | 14.15 | 37.20       | 14.15 |
|        | 43                         | 26.20                        | 10.25 | 33.10       | 12.94 | 34.40       | 13.44 | 34.40       | 13.43 | 34.40       | 13.42 | 34.40       | 13.41 | 34.30       | 13.41 |
|        | 46                         | 26.20                        | 10.90 | 30.30       | 12.59 | 30.30       | 12.58 | 30.30       | 12.56 | 30.30       | 12.57 | 30.30       | 12.57 | 30.20       | 12.55 |
|        | 48                         | 26.20                        | 11.49 | 27.70       | 12.14 | 27.70       | 12.12 | 27.70       | 12.13 | 27.80       | 12.19 | 27.70       | 12.11 | 27.70       | 12.11 |
|        | 50                         | 25.30                        | 11.63 | 25.20       | 11.62 | 25.20       | 11.59 | 25.20       | 11.60 | 25.20       | 11.61 | 25.20       | 11.60 | 25.20       | 11.59 |
|        | 52                         | 22.40                        | 10.47 | 22.80       | 10.35 | 22.80       | 9.73  | 22.80       | 9.60  | 22.80       | 9.46  | 22.90       | 9.35  | 22.90       | 9.26  |
| 120    | 10                         | 24.20                        | 2.57  | 30.60       | 3.61  | 37.40       | 5.32  | 40.30       | 6.28  | 43.50       | 7.21  | 46.30       | 8.08  | 48.50       | 8.93  |
|        | 12                         | 24.20                        | 2.82  | 30.60       | 3.98  | 37.40       | 5.85  | 40.30       | 6.71  | 43.50       | 7.72  | 46.30       | 8.77  | 48.50       | 9.50  |
|        | 14                         | 24.20                        | 2.93  | 30.60       | 4.39  | 37.40       | 6.32  | 40.30       | 7.25  | 43.50       | 8.36  | 46.30       | 9.40  | 48.50       | 10.12 |
|        | 16                         | 24.20                        | 3.22  | 30.60       | 4.78  | 37.40       | 6.86  | 40.30       | 7.89  | 43.50       | 9.16  | 46.30       | 10.08 | 48.50       | 10.80 |
|        | 18                         | 24.20                        | 3.53  | 30.60       | 5.23  | 37.40       | 7.48  | 40.30       | 8.60  | 43.50       | 9.89  | 46.30       | 10.82 | 48.50       | 11.53 |
|        | 20                         | 24.20                        | 3.90  | 30.60       | 5.75  | 37.40       | 8.19  | 40.30       | 9.27  | 43.50       | 10.45 | 46.30       | 11.45 | 48.50       | 11.99 |
|        | 21                         | 24.20                        | 4.09  | 30.60       | 6.02  | 37.40       | 8.47  | 40.30       | 9.57  | 43.50       | 10.92 | 46.30       | 11.67 | 48.50       | 12.20 |
|        | 23                         | 24.20                        | 4.52  | 30.60       | 6.65  | 37.40       | 9.06  | 40.30       | 10.21 | 43.50       | 11.40 | 46.30       | 12.14 | 48.50       | 12.64 |
|        | 25                         | 24.20                        | 5.05  | 30.60       | 7.14  | 37.40       | 9.73  | 40.30       | 10.98 | 43.50       | 11.92 | 46.30       | 12.65 | 48.50       | 13.14 |
|        | 27                         | 24.20                        | 5.55  | 30.60       | 7.67  | 37.40       | 10.45 | 40.30       | 11.53 | 43.50       | 12.48 | 46.30       | 13.22 | 48.50       | 13.70 |
|        | 29                         | 24.20                        | 5.95  | 30.60       | 8.22  | 37.40       | 11.19 | 40.30       | 12.12 | 43.50       | 13.10 | 46.30       | 13.86 | 48.20       | 14.28 |
|        | 31                         | 24.20                        | 6.43  | 30.60       | 8.90  | 37.40       | 11.80 | 40.30       | 12.76 | 43.50       | 13.79 | 46.30       | 14.57 | 47.50       | 14.86 |
|        | 33                         | 24.20                        | 6.85  | 30.60       | 9.48  | 37.40       | 12.45 | 40.30       | 13.46 | 43.50       | 14.55 | 46.20       | 15.38 | 46.90       | 15.51 |
|        | 35                         | 24.20                        | 7.30  | 30.60       | 10.11 | 37.40       | 13.16 | 40.30       | 14.24 | 43.50       | 15.43 | 45.50       | 16.08 | 46.20       | 16.23 |
|        | 37                         | 24.20                        | 7.78  | 30.60       | 10.78 | 37.40       | 13.93 | 40.30       | 15.11 | 43.10       | 16.25 | 43.10       | 16.25 | 43.10       | 16.25 |
|        | 39                         | 24.20                        | 8.29  | 30.60       | 11.51 | 37.40       | 14.09 | 40.20       | 15.12 | 40.10       | 15.11 | 40.10       | 15.10 | 40.10       | 15.11 |
|        | 41                         | 24.20                        | 8.83  | 30.60       | 11.64 | 37.30       | 14.19 | 37.20       | 14.17 | 37.20       | 14.16 | 37.20       | 14.15 | 37.20       | 14.15 |
|        | 43                         | 24.20                        | 9.42  | 30.60       | 11.94 | 34.40       | 13.44 | 34.40       | 13.43 | 34.40       | 13.42 | 34.40       | 13.42 | 34.40       | 13.42 |
|        | 46                         | 24.20                        | 10.06 | 30.30       | 12.59 | 30.30       | 12.58 | 30.30       | 12.58 | 30.30       | 12.56 | 30.20       | 12.56 | 30.30       | 12.56 |
|        | 48                         | 24.20                        | 10.61 | 27.70       | 12.14 | 27.70       | 12.13 | 27.70       | 12.13 | 27.70       | 12.12 | 27.70       | 12.11 | 27.70       | 12.12 |
|        | 50                         | 24.20                        | 11.15 | 25.20       | 11.61 | 25.20       | 11.60 | 25.20       | 11.59 | 25.20       | 11.59 | 25.20       | 11.60 | 25.20       | 11.59 |
|        | 52                         | 22.30                        | 10.42 | 22.60       | 10.60 | 22.90       | 9.99  | 22.80       | 9.86  | 22.90       | 9.73  | 22.90       | 9.63  | 22.90       | 9.58  |
| 110    | 10                         | 22.20                        | 2.34  | 28.00       | 3.14  | 34.30       | 4.45  | 36.90       | 5.18  | 39.90       | 6.14  | 42.40       | 6.94  | 44.40       | 7.56  |
|        | 12                         | 22.20                        | 2.54  | 28.00       | 3.46  | 34.30       | 4.91  | 36.90       | 5.69  | 39.90       | 6.55  | 42.40       | 7.39  | 44.40       | 8.04  |
|        | 14                         | 22.20                        | 2.64  | 28.00       | 3.76  | 34.30       | 5.40  | 36.90       | 6.14  | 39.90       | 7.11  | 42.40       | 7.97  | 44.40       | 8.78  |
|        | 16                         | 22.20                        | 2.81  | 28.00       | 4.12  | 34.30       | 5.83  | 36.90       | 6.71  | 39.90       | 7.71  | 42.40       | 8.68  | 44.40       | 9.45  |
|        | 18                         | 22.20                        | 3.09  | 28.00       | 4.49  | 34.30       | 6.42  | 36.90       | 7.32  | 39.90       | 8.45  | 42.40       | 9.42  | 44.40       | 10.19 |
|        | 20                         | 22.20                        | 3.39  | 28.00       | 4.96  | 34.30       | 7.04  | 36.90       | 8.05  | 39.90       | 9.07  | 42.40       | 10.03 | 44.40       | 10.94 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 22.20                        | 3.56  | 28.00       | 5.18  | 34.30       | 7.42  | 36.90       | 8.31  | 39.90       | 9.38  | 42.40       | 10.41 | 44.40       | 11.16 |
|        | 23                              | 22.20                        | 3.93  | 28.00       | 5.76  | 34.30       | 7.90  | 36.90       | 8.90  | 39.90       | 10.06 | 42.40       | 11.09 | 44.40       | 11.64 |
|        | 25                              | 22.20                        | 4.41  | 28.00       | 6.30  | 34.30       | 8.46  | 36.90       | 9.51  | 39.90       | 10.86 | 42.40       | 11.61 | 44.40       | 12.16 |
|        | 27                              | 22.20                        | 4.93  | 28.00       | 6.78  | 34.30       | 9.10  | 36.90       | 10.21 | 39.90       | 11.41 | 42.40       | 12.17 | 44.40       | 12.73 |
|        | 29                              | 22.20                        | 5.30  | 28.00       | 7.25  | 34.30       | 9.74  | 36.90       | 11.04 | 39.90       | 12.00 | 42.40       | 12.78 | 44.40       | 13.35 |
|        | 31                              | 22.20                        | 5.69  | 28.00       | 7.77  | 34.30       | 10.61 | 36.90       | 11.63 | 39.90       | 12.63 | 42.40       | 13.45 | 44.40       | 14.05 |
|        | 33                              | 22.20                        | 6.13  | 28.00       | 8.36  | 34.30       | 11.31 | 36.90       | 12.28 | 39.90       | 13.33 | 42.40       | 14.19 | 44.40       | 14.84 |
|        | 35                              | 22.20                        | 6.53  | 28.00       | 8.91  | 34.30       | 11.98 | 36.90       | 12.98 | 39.90       | 14.09 | 42.40       | 15.03 | 44.40       | 15.74 |
|        | 37                              | 22.20                        | 6.95  | 28.00       | 9.49  | 34.30       | 12.67 | 36.90       | 13.74 | 39.90       | 14.95 | 42.40       | 15.99 | 43.10       | 16.25 |
|        | 39                              | 22.20                        | 7.41  | 28.00       | 10.12 | 34.30       | 12.92 | 36.90       | 13.91 | 39.90       | 15.03 | 40.20       | 15.12 | 40.10       | 15.11 |
|        | 41                              | 22.20                        | 7.89  | 28.00       | 10.67 | 34.30       | 13.05 | 36.90       | 14.06 | 37.30       | 14.17 | 37.20       | 14.16 | 37.20       | 14.17 |
|        | 43                              | 22.20                        | 8.41  | 28.00       | 10.95 | 34.30       | 13.40 | 34.40       | 13.44 | 34.40       | 13.43 | 34.30       | 13.41 | 34.40       | 13.42 |
|        | 46                              | 22.20                        | 9.26  | 28.00       | 11.64 | 30.30       | 12.60 | 30.30       | 12.59 | 30.30       | 12.58 | 30.30       | 12.57 | 30.30       | 12.57 |
|        | 48                              | 22.20                        | 9.72  | 27.70       | 12.14 | 27.70       | 12.13 | 27.70       | 12.13 | 27.70       | 12.11 | 27.70       | 12.11 | 27.70       | 12.11 |
|        | 50                              | 22.20                        | 10.22 | 25.30       | 11.62 | 25.30       | 11.62 | 25.20       | 11.61 | 25.20       | 11.62 | 25.20       | 11.61 | 25.20       | 11.59 |
| 100    | 52                              | 22.20                        | 10.36 | 22.50       | 10.49 | 22.80       | 10.30 | 22.90       | 10.19 | 22.90       | 10.06 | 22.90       | 9.91  | 22.90       | 9.76  |
|        | 10                              | 20.20                        | 2.13  | 25.50       | 2.74  | 31.20       | 3.73  | 33.60       | 4.28  | 36.30       | 4.99  | 38.60       | 5.69  | 40.40       | 6.25  |
|        | 12                              | 20.20                        | 2.31  | 25.50       | 3.01  | 31.20       | 4.12  | 33.60       | 4.71  | 36.30       | 5.49  | 38.60       | 6.24  | 40.40       | 6.72  |
|        | 14                              | 20.20                        | 2.37  | 25.50       | 3.19  | 31.20       | 4.54  | 33.60       | 5.19  | 36.30       | 6.03  | 38.60       | 6.68  | 40.40       | 7.25  |
|        | 16                              | 20.20                        | 2.42  | 25.50       | 3.51  | 31.20       | 4.94  | 33.60       | 5.65  | 36.30       | 6.49  | 38.60       | 7.24  | 40.40       | 7.90  |
|        | 18                              | 20.20                        | 2.68  | 25.50       | 3.84  | 31.20       | 5.40  | 33.60       | 6.17  | 36.30       | 7.08  | 38.60       | 7.94  | 40.40       | 8.66  |
|        | 20                              | 20.20                        | 2.92  | 25.50       | 4.21  | 31.20       | 5.94  | 33.60       | 6.77  | 36.30       | 7.82  | 38.60       | 8.61  | 40.40       | 9.26  |
|        | 21                              | 20.20                        | 3.07  | 25.50       | 4.44  | 31.20       | 6.22  | 33.60       | 7.14  | 36.30       | 8.10  | 38.60       | 8.91  | 40.40       | 9.57  |
|        | 23                              | 20.20                        | 3.39  | 25.50       | 4.90  | 31.20       | 6.87  | 33.60       | 7.70  | 36.30       | 8.66  | 38.60       | 9.51  | 40.40       | 10.26 |
|        | 25                              | 20.20                        | 3.81  | 25.50       | 5.48  | 31.20       | 7.33  | 33.60       | 8.19  | 36.30       | 9.26  | 38.60       | 10.21 | 40.40       | 11.00 |
|        | 27                              | 20.20                        | 4.26  | 25.50       | 5.92  | 31.20       | 7.87  | 33.60       | 8.83  | 36.30       | 9.95  | 38.60       | 10.99 | 40.40       | 11.55 |
|        | 29                              | 20.20                        | 4.69  | 25.50       | 6.34  | 31.20       | 8.43  | 33.60       | 9.45  | 36.30       | 10.70 | 38.60       | 11.57 | 40.40       | 12.14 |
|        | 31                              | 20.20                        | 5.05  | 25.50       | 6.88  | 31.20       | 9.17  | 33.60       | 10.26 | 36.30       | 11.41 | 38.60       | 12.19 | 40.40       | 12.79 |
|        | 33                              | 20.20                        | 5.45  | 25.50       | 7.33  | 31.20       | 9.76  | 33.60       | 10.93 | 36.30       | 12.04 | 38.60       | 12.86 | 40.40       | 13.49 |
|        | 35                              | 20.20                        | 5.81  | 25.50       | 7.81  | 31.20       | 10.40 | 33.60       | 11.65 | 36.30       | 12.73 | 38.60       | 13.59 | 40.40       | 14.27 |
| 90     | 37                              | 20.20                        | 6.19  | 25.50       | 8.32  | 31.20       | 11.10 | 33.60       | 12.38 | 36.30       | 13.47 | 38.60       | 14.40 | 40.40       | 15.14 |
|        | 39                              | 20.20                        | 6.59  | 25.50       | 8.87  | 31.20       | 11.74 | 33.60       | 12.65 | 36.30       | 13.67 | 38.60       | 14.53 | 40.20       | 15.12 |
|        | 41                              | 20.20                        | 7.02  | 25.50       | 9.45  | 31.20       | 11.87 | 33.60       | 12.78 | 36.30       | 13.81 | 37.20       | 14.16 | 37.20       | 14.17 |
|        | 43                              | 20.20                        | 7.48  | 25.50       | 9.95  | 31.20       | 12.18 | 33.60       | 13.12 | 34.40       | 13.44 | 34.40       | 13.42 | 34.40       | 13.42 |
|        | 46                              | 20.20                        | 8.23  | 25.50       | 10.58 | 30.30       | 12.59 | 30.30       | 12.58 | 30.30       | 12.57 | 30.30       | 12.57 | 30.30       | 12.57 |
|        | 48                              | 20.20                        | 8.77  | 25.50       | 11.16 | 27.70       | 12.13 | 27.70       | 12.12 | 27.70       | 12.14 | 27.70       | 12.13 | 27.70       | 12.13 |
|        | 50                              | 20.20                        | 9.36  | 25.30       | 11.63 | 25.20       | 11.62 | 25.20       | 11.61 | 25.20       | 11.60 | 25.20       | 11.60 | 25.20       | 11.59 |
|        | 52                              | 20.20                        | 9.42  | 22.40       | 10.45 | 22.60       | 10.60 | 22.70       | 10.42 | 22.90       | 10.23 | 22.90       | 10.05 | 22.90       | 9.90  |
|        | 10                              | 18.20                        | 1.96  | 22.90       | 2.42  | 28.10       | 3.14  | 30.20       | 3.54  | 32.70       | 4.06  | 34.70       | 4.56  | 36.30       | 5.01  |
|        | 12                              | 18.20                        | 2.10  | 22.90       | 2.64  | 28.10       | 3.46  | 30.20       | 3.90  | 32.70       | 4.47  | 34.70       | 5.03  | 36.30       | 5.51  |
|        | 14                              | 18.20                        | 2.12  | 22.90       | 2.76  | 28.10       | 3.76  | 30.20       | 4.31  | 32.70       | 4.93  | 34.70       | 5.53  | 36.30       | 5.98  |
|        | 16                              | 18.20                        | 2.17  | 22.90       | 2.98  | 28.10       | 4.13  | 30.20       | 4.69  | 32.70       | 5.38  | 34.70       | 6.00  | 36.30       | 6.49  |
|        | 18                              | 18.20                        | 2.29  | 22.90       | 3.26  | 28.10       | 4.51  | 30.20       | 5.13  | 32.70       | 5.87  | 34.70       | 6.55  | 36.30       | 7.13  |
|        | 20                              | 18.20                        | 2.52  | 22.90       | 3.58  | 28.10       | 4.96  | 30.20       | 5.64  | 32.70       | 6.45  | 34.70       | 7.18  | 36.30       | 7.82  |
|        | 21                              | 18.20                        | 2.65  | 22.90       | 3.75  | 28.10       | 5.20  | 30.20       | 5.91  | 32.70       | 6.75  | 34.70       | 7.54  | 36.30       | 8.10  |
|        | 23                              | 18.20                        | 2.94  | 22.90       | 4.15  | 28.10       | 5.77  | 30.20       | 6.65  | 32.70       | 7.36  | 34.70       | 8.09  | 36.30       | 8.67  |
|        | 25                              | 18.20                        | 3.26  | 22.90       | 4.64  | 28.10       | 6.35  | 30.20       | 7.04  | 32.70       | 7.89  | 34.70       | 8.65  | 36.30       | 9.32  |
|        | 27                              | 18.20                        | 3.66  | 22.90       | 5.15  | 28.10       | 6.79  | 30.20       | 7.56  | 32.70       | 8.45  | 34.70       | 9.26  | 36.30       | 9.96  |
|        | 29                              | 18.20                        | 4.13  | 22.90       | 5.52  | 28.10       | 7.29  | 30.20       | 8.11  | 32.70       | 9.06  | 34.70       | 9.96  | 36.30       | 10.71 |
|        | 31                              | 18.20                        | 4.44  | 22.90       | 5.93  | 28.10       | 7.87  | 30.20       | 8.75  | 32.70       | 9.83  | 34.70       | 10.70 | 36.30       | 11.43 |
|        | 33                              | 18.20                        | 4.82  | 22.90       | 6.39  | 28.10       | 8.38  | 30.20       | 9.32  | 32.70       | 10.47 | 34.70       | 11.48 | 36.30       | 12.07 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 18.20                        | 5.14 | 22.90       | 6.80  | 28.10       | 8.92  | 30.20       | 9.93  | 32.70       | 11.16 | 34.70       | 12.14 | 36.30       | 12.75 |
|        | 37                              | 18.20                        | 5.47 | 22.90       | 7.25  | 28.10       | 9.51  | 30.20       | 10.59 | 32.70       | 11.93 | 34.70       | 12.84 | 36.30       | 13.49 |
|        | 39                              | 18.20                        | 5.83 | 22.90       | 7.72  | 28.10       | 10.14 | 30.20       | 11.31 | 32.70       | 12.30 | 34.70       | 13.08 | 36.30       | 13.69 |
|        | 41                              | 18.20                        | 6.21 | 22.90       | 8.23  | 28.10       | 10.68 | 30.20       | 11.50 | 32.70       | 12.43 | 34.70       | 13.22 | 36.30       | 13.83 |
|        | 43                              | 18.20                        | 6.62 | 22.90       | 8.77  | 28.10       | 10.96 | 30.20       | 11.80 | 32.70       | 12.75 | 34.40       | 13.44 | 34.40       | 13.43 |
|        | 46                              | 18.20                        | 7.28 | 22.90       | 9.52  | 28.10       | 11.66 | 30.20       | 12.55 | 30.30       | 12.59 | 30.30       | 12.58 | 30.30       | 12.58 |
|        | 48                              | 18.20                        | 7.76 | 22.90       | 10.04 | 27.70       | 12.14 | 27.70       | 12.13 | 27.70       | 12.12 | 27.70       | 12.12 | 27.70       | 12.11 |
|        | 50                              | 18.20                        | 8.27 | 22.90       | 10.56 | 25.30       | 11.62 | 25.20       | 11.62 | 25.20       | 11.61 | 25.20       | 11.60 | 25.20       | 11.59 |
|        | 52                              | 18.20                        | 8.47 | 22.30       | 10.40 | 22.50       | 10.51 | 22.60       | 10.61 | 22.80       | 10.41 | 22.90       | 10.23 | 22.90       | 10.08 |
| 80     | 10                              | 16.10                        | 1.74 | 20.40       | 2.15  | 24.90       | 2.67  | 26.90       | 2.95  | 29.00       | 3.31  | 30.90       | 3.67  | 32.30       | 3.98  |
|        | 12                              | 16.10                        | 1.88 | 20.40       | 2.33  | 24.90       | 2.93  | 26.90       | 3.24  | 29.00       | 3.65  | 30.90       | 4.05  | 32.30       | 4.39  |
|        | 14                              | 16.10                        | 1.93 | 20.40       | 2.39  | 24.90       | 3.11  | 26.90       | 3.52  | 29.00       | 3.98  | 30.90       | 4.46  | 32.30       | 4.84  |
|        | 16                              | 16.10                        | 1.95 | 20.40       | 2.47  | 24.90       | 3.39  | 26.90       | 3.84  | 29.00       | 4.37  | 30.90       | 4.85  | 32.30       | 5.27  |
|        | 18                              | 16.10                        | 1.98 | 20.40       | 2.72  | 24.90       | 3.71  | 26.90       | 4.18  | 29.00       | 4.76  | 30.90       | 5.31  | 32.30       | 5.75  |
|        | 20                              | 16.10                        | 2.17 | 20.40       | 3.00  | 24.90       | 4.07  | 26.90       | 4.61  | 29.00       | 5.23  | 30.90       | 5.84  | 32.30       | 6.32  |
|        | 21                              | 16.10                        | 2.26 | 20.40       | 3.11  | 24.90       | 4.31  | 26.90       | 4.84  | 29.00       | 5.52  | 30.90       | 6.15  | 32.30       | 6.67  |
|        | 23                              | 16.10                        | 2.50 | 20.40       | 3.47  | 24.90       | 4.74  | 26.90       | 5.37  | 29.00       | 6.13  | 30.90       | 6.78  | 32.30       | 7.23  |
|        | 25                              | 16.10                        | 2.78 | 20.40       | 3.86  | 24.90       | 5.31  | 26.90       | 5.94  | 29.00       | 6.63  | 30.90       | 7.27  | 32.30       | 7.75  |
|        | 27                              | 16.10                        | 3.09 | 20.40       | 4.32  | 24.90       | 5.77  | 26.90       | 6.37  | 29.00       | 7.09  | 30.90       | 7.76  | 32.30       | 8.31  |
|        | 29                              | 16.10                        | 3.50 | 20.40       | 4.78  | 24.90       | 6.18  | 26.90       | 6.85  | 29.00       | 7.61  | 30.90       | 8.33  | 32.30       | 8.90  |
|        | 31                              | 16.10                        | 3.89 | 20.40       | 5.11  | 24.90       | 6.62  | 26.90       | 7.32  | 29.00       | 8.17  | 30.90       | 9.03  | 32.30       | 9.67  |
|        | 33                              | 16.10                        | 4.24 | 20.40       | 5.52  | 24.90       | 7.13  | 26.90       | 7.88  | 29.00       | 8.79  | 30.90       | 9.61  | 32.30       | 10.30 |
|        | 35                              | 16.10                        | 4.52 | 20.40       | 5.88  | 24.90       | 7.59  | 26.90       | 8.39  | 29.00       | 9.36  | 30.90       | 10.25 | 32.30       | 10.98 |
|        | 37                              | 16.10                        | 4.81 | 20.40       | 6.26  | 24.90       | 8.09  | 26.90       | 8.94  | 29.00       | 9.98  | 30.90       | 10.93 | 32.30       | 11.73 |
|        | 39                              | 16.10                        | 5.12 | 20.40       | 6.67  | 24.90       | 8.62  | 26.90       | 9.53  | 29.00       | 10.65 | 30.90       | 11.68 | 32.30       | 12.17 |
|        | 41                              | 16.10                        | 5.46 | 20.40       | 7.11  | 24.90       | 9.18  | 26.90       | 10.17 | 29.00       | 11.05 | 30.90       | 11.75 | 32.30       | 12.30 |
|        | 43                              | 16.10                        | 5.81 | 20.40       | 7.57  | 24.90       | 9.80  | 26.90       | 10.49 | 29.00       | 11.34 | 30.90       | 12.06 | 32.30       | 12.62 |
|        | 46                              | 16.10                        | 6.40 | 20.40       | 8.33  | 24.90       | 10.36 | 26.90       | 11.16 | 29.00       | 12.05 | 30.30       | 12.58 | 30.30       | 12.58 |
|        | 48                              | 16.10                        | 6.82 | 20.40       | 8.88  | 24.90       | 10.92 | 26.90       | 11.76 | 27.70       | 12.14 | 27.70       | 12.14 | 27.70       | 12.14 |
|        | 50                              | 16.10                        | 7.27 | 20.40       | 9.47  | 24.90       | 11.48 | 25.30       | 11.63 | 25.20       | 11.62 | 25.30       | 11.63 | 25.30       | 11.62 |
|        | 52                              | 16.10                        | 7.75 | 20.40       | 9.51  | 22.40       | 10.45 | 22.50       | 10.50 | 22.60       | 10.64 | 22.70       | 10.45 | 22.80       | 10.31 |
| 70     | 10                              | 14.10                        | 1.43 | 17.80       | 1.94  | 21.80       | 2.30  | 23.50       | 2.49  | 25.40       | 2.73  | 27.00       | 2.97  | 28.30       | 3.18  |
|        | 12                              | 14.10                        | 1.69 | 17.80       | 2.08  | 21.80       | 2.50  | 23.50       | 2.72  | 25.40       | 3.00  | 27.00       | 3.27  | 28.30       | 3.50  |
|        | 14                              | 14.10                        | 1.71 | 17.80       | 2.10  | 21.80       | 2.59  | 23.50       | 2.84  | 25.40       | 3.18  | 27.00       | 3.53  | 28.30       | 3.86  |
|        | 16                              | 14.10                        | 1.73 | 17.80       | 2.13  | 21.80       | 2.74  | 23.50       | 3.09  | 25.40       | 3.48  | 27.00       | 3.84  | 28.30       | 4.17  |
|        | 18                              | 14.10                        | 1.75 | 17.80       | 2.26  | 21.80       | 3.01  | 23.50       | 3.39  | 25.40       | 3.80  | 27.00       | 4.23  | 28.30       | 4.54  |
|        | 20                              | 14.10                        | 1.87 | 17.80       | 2.46  | 21.80       | 3.31  | 23.50       | 3.71  | 25.40       | 4.20  | 27.00       | 4.63  | 28.30       | 5.00  |
|        | 21                              | 14.10                        | 1.92 | 17.80       | 2.59  | 21.80       | 3.47  | 23.50       | 3.89  | 25.40       | 4.41  | 27.00       | 4.89  | 28.30       | 5.28  |
|        | 23                              | 14.10                        | 2.10 | 17.80       | 2.86  | 21.80       | 3.84  | 23.50       | 4.34  | 25.40       | 4.89  | 27.00       | 5.43  | 28.30       | 5.86  |
|        | 25                              | 14.10                        | 2.34 | 17.80       | 3.19  | 21.80       | 4.30  | 23.50       | 4.81  | 25.40       | 5.44  | 27.00       | 6.00  | 28.30       | 6.39  |
|        | 27                              | 14.10                        | 2.59 | 17.80       | 3.57  | 21.80       | 4.81  | 23.50       | 5.34  | 25.40       | 5.87  | 27.00       | 6.43  | 28.30       | 6.82  |
|        | 29                              | 14.10                        | 2.93 | 17.80       | 4.04  | 21.80       | 5.21  | 23.50       | 5.73  | 25.40       | 6.34  | 27.00       | 6.87  | 28.30       | 7.34  |
|        | 31                              | 14.10                        | 3.35 | 17.80       | 4.37  | 21.80       | 5.63  | 23.50       | 6.19  | 25.40       | 6.78  | 27.00       | 7.45  | 28.30       | 7.95  |
|        | 33                              | 14.10                        | 3.64 | 17.80       | 4.73  | 21.80       | 6.00  | 23.50       | 6.59  | 25.40       | 7.30  | 27.00       | 7.94  | 28.30       | 8.46  |
|        | 35                              | 14.10                        | 3.94 | 17.80       | 5.03  | 21.80       | 6.39  | 23.50       | 7.02  | 25.40       | 7.77  | 27.00       | 8.45  | 28.30       | 9.01  |
|        | 37                              | 14.10                        | 4.19 | 17.80       | 5.36  | 21.80       | 6.81  | 23.50       | 7.48  | 25.40       | 8.28  | 27.00       | 9.01  | 28.30       | 9.61  |
|        | 39                              | 14.10                        | 4.46 | 17.80       | 5.71  | 21.80       | 7.25  | 23.50       | 7.97  | 25.40       | 8.83  | 27.00       | 9.60  | 28.30       | 10.25 |
|        | 41                              | 14.10                        | 4.75 | 17.80       | 6.08  | 21.80       | 7.73  | 23.50       | 8.49  | 25.40       | 9.41  | 27.00       | 10.25 | 28.30       | 10.76 |
|        | 43                              | 14.10                        | 5.07 | 17.80       | 6.48  | 21.80       | 8.23  | 23.50       | 9.05  | 25.40       | 9.92  | 27.00       | 10.55 | 28.30       | 11.04 |
|        | 46                              | 14.10                        | 5.58 | 17.80       | 7.13  | 21.80       | 9.06  | 23.50       | 9.76  | 25.40       | 10.55 | 27.00       | 11.22 | 28.30       | 11.74 |
|        | 48                              | 14.10                        | 5.95 | 17.80       | 7.60  | 21.80       | 9.56  | 23.50       | 10.29 | 25.40       | 11.12 | 27.00       | 11.83 | 27.70       | 12.15 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 14.10                        | 6.35 | 17.80       | 8.10 | 21.80       | 10.05 | 23.50       | 10.82 | 25.30       | 11.63 | 25.30       | 11.63 | 25.20       | 11.62 |
|        | 52                              | 14.10                        | 6.77 | 17.80       | 8.32 | 21.80       | 10.18 | 22.30       | 10.42 | 22.50       | 10.47 | 22.60       | 10.52 | 22.60       | 10.61 |
| 60     | 10                              | 12.10                        | 1.18 | 15.30       | 1.60 | 18.70       | 2.01  | 20.20       | 2.13  | 21.80       | 2.29  | 23.20       | 2.44  | 24.20       | 2.58  |
|        | 12                              | 12.10                        | 1.52 | 15.30       | 1.79 | 18.70       | 2.16  | 20.20       | 2.30  | 21.80       | 2.49  | 23.20       | 2.67  | 24.20       | 2.82  |
|        | 14                              | 12.10                        | 1.53 | 15.30       | 1.83 | 18.70       | 2.20  | 20.20       | 2.37  | 21.80       | 2.59  | 23.20       | 2.79  | 24.20       | 2.93  |
|        | 16                              | 12.10                        | 1.55 | 15.30       | 1.85 | 18.70       | 2.25  | 20.20       | 2.42  | 21.80       | 2.74  | 23.20       | 3.02  | 24.20       | 3.22  |
|        | 18                              | 12.10                        | 1.57 | 15.30       | 1.87 | 18.70       | 2.40  | 20.20       | 2.68  | 21.80       | 3.01  | 23.20       | 3.30  | 24.20       | 3.53  |
|        | 20                              | 12.10                        | 1.59 | 15.30       | 2.02 | 18.70       | 2.65  | 20.20       | 2.91  | 21.80       | 3.31  | 23.20       | 3.63  | 24.20       | 3.91  |
|        | 21                              | 12.10                        | 1.65 | 15.30       | 2.12 | 18.70       | 2.77  | 20.20       | 3.06  | 21.80       | 3.47  | 23.20       | 3.80  | 24.20       | 4.09  |
|        | 23                              | 12.10                        | 1.77 | 15.30       | 2.34 | 18.70       | 3.07  | 20.20       | 3.39  | 21.80       | 3.83  | 23.20       | 4.20  | 24.20       | 4.52  |
|        | 25                              | 12.10                        | 1.94 | 15.30       | 2.57 | 18.70       | 3.42  | 20.20       | 3.80  | 21.80       | 4.26  | 23.20       | 4.70  | 24.20       | 5.06  |
|        | 27                              | 12.10                        | 2.14 | 15.30       | 2.88 | 18.70       | 3.82  | 20.20       | 4.26  | 21.80       | 4.82  | 23.20       | 5.24  | 24.20       | 5.55  |
|        | 29                              | 12.10                        | 2.43 | 15.30       | 3.27 | 18.70       | 4.30  | 20.20       | 4.68  | 21.80       | 5.17  | 23.20       | 5.63  | 24.20       | 5.96  |
|        | 31                              | 12.10                        | 2.75 | 15.30       | 3.66 | 18.70       | 4.60  | 20.20       | 5.04  | 21.80       | 5.55  | 23.20       | 6.07  | 24.20       | 6.44  |
|        | 33                              | 12.10                        | 3.12 | 15.30       | 3.96 | 18.70       | 4.99  | 20.20       | 5.44  | 21.80       | 5.98  | 23.20       | 6.46  | 24.20       | 6.86  |
|        | 35                              | 12.10                        | 3.35 | 15.30       | 4.27 | 18.70       | 5.31  | 20.20       | 5.80  | 21.80       | 6.37  | 23.20       | 6.88  | 24.20       | 7.30  |
|        | 37                              | 12.10                        | 3.57 | 15.30       | 4.54 | 18.70       | 5.66  | 20.20       | 6.17  | 21.80       | 6.78  | 23.20       | 7.33  | 24.20       | 7.78  |
|        | 39                              | 12.10                        | 3.86 | 15.30       | 4.84 | 18.70       | 6.03  | 20.20       | 6.58  | 21.80       | 7.23  | 23.20       | 7.81  | 24.20       | 8.29  |
|        | 41                              | 12.10                        | 4.11 | 15.30       | 5.15 | 18.70       | 6.42  | 20.20       | 7.01  | 21.80       | 7.70  | 23.20       | 8.32  | 24.20       | 8.83  |
|        | 43                              | 12.10                        | 4.38 | 15.30       | 5.49 | 18.70       | 6.84  | 20.20       | 7.47  | 21.80       | 8.21  | 23.20       | 8.87  | 24.20       | 9.42  |
|        | 46                              | 12.10                        | 4.82 | 15.30       | 6.04 | 18.70       | 7.53  | 20.20       | 8.21  | 21.80       | 9.03  | 23.20       | 9.61  | 24.20       | 10.06 |
|        | 48                              | 12.10                        | 5.14 | 15.30       | 6.44 | 18.70       | 8.02  | 20.20       | 8.76  | 21.80       | 9.53  | 23.20       | 10.14 | 24.20       | 10.61 |
|        | 50                              | 12.10                        | 5.49 | 15.30       | 6.87 | 18.70       | 8.55  | 20.20       | 9.34  | 21.80       | 10.02 | 23.20       | 10.66 | 24.20       | 11.15 |
|        | 52                              | 12.10                        | 5.86 | 15.30       | 7.32 | 18.70       | 8.73  | 20.20       | 9.40  | 21.80       | 10.15 | 22.30       | 10.41 | 22.40       | 10.45 |
| 50     | 10                              | 10.10                        | 0.96 | 12.70       | 1.25 | 15.60       | 1.64  | 16.80       | 1.85  | 18.10       | 1.96  | 19.30       | 2.05  | 20.20       | 2.13  |
|        | 12                              | 10.10                        | 1.34 | 12.70       | 1.57 | 15.60       | 1.83  | 16.80       | 1.96  | 18.10       | 2.10  | 19.30       | 2.21  | 20.20       | 2.31  |
|        | 14                              | 10.10                        | 1.35 | 12.70       | 1.59 | 15.60       | 1.85  | 16.80       | 1.99  | 18.10       | 2.13  | 19.30       | 2.28  | 20.20       | 2.38  |
|        | 16                              | 10.10                        | 1.37 | 12.70       | 1.61 | 15.60       | 1.87  | 16.80       | 2.01  | 18.10       | 2.18  | 19.30       | 2.30  | 20.20       | 2.44  |
|        | 18                              | 10.10                        | 1.39 | 12.70       | 1.63 | 15.60       | 1.92  | 16.80       | 2.09  | 18.10       | 2.30  | 19.30       | 2.50  | 20.20       | 2.68  |
|        | 20                              | 10.10                        | 1.41 | 12.70       | 1.67 | 15.60       | 2.08  | 16.80       | 2.28  | 18.10       | 2.53  | 19.30       | 2.75  | 20.20       | 2.95  |
|        | 21                              | 10.10                        | 1.41 | 12.70       | 1.73 | 15.60       | 2.18  | 16.80       | 2.40  | 18.10       | 2.66  | 19.30       | 2.89  | 20.20       | 3.07  |
|        | 23                              | 10.10                        | 1.50 | 12.70       | 1.88 | 15.60       | 2.38  | 16.80       | 2.64  | 18.10       | 2.91  | 19.30       | 3.20  | 20.20       | 3.42  |
|        | 25                              | 10.10                        | 1.62 | 12.70       | 2.08 | 15.60       | 2.65  | 16.80       | 2.91  | 18.10       | 3.24  | 19.30       | 3.56  | 20.20       | 3.81  |
|        | 27                              | 10.10                        | 1.78 | 12.70       | 2.29 | 15.60       | 2.94  | 16.80       | 3.27  | 18.10       | 3.63  | 19.30       | 3.99  | 20.20       | 4.27  |
|        | 29                              | 10.10                        | 1.98 | 12.70       | 2.57 | 15.60       | 3.33  | 16.80       | 3.69  | 18.10       | 4.15  | 19.30       | 4.44  | 20.20       | 4.69  |
|        | 31                              | 10.10                        | 2.24 | 12.70       | 2.94 | 15.60       | 3.74  | 16.80       | 4.07  | 18.10       | 4.46  | 19.30       | 4.79  | 20.20       | 5.05  |
|        | 33                              | 10.10                        | 2.56 | 12.70       | 3.30 | 15.60       | 4.01  | 16.80       | 4.42  | 18.10       | 4.76  | 19.30       | 5.11  | 20.20       | 5.45  |
|        | 35                              | 10.10                        | 2.84 | 12.70       | 3.51 | 15.60       | 4.35  | 16.80       | 4.71  | 18.10       | 5.13  | 19.30       | 5.50  | 20.20       | 5.81  |
|        | 37                              | 10.10                        | 3.02 | 12.70       | 3.76 | 15.60       | 4.63  | 16.80       | 5.01  | 18.10       | 5.46  | 19.30       | 5.86  | 20.20       | 6.19  |
|        | 39                              | 10.10                        | 3.26 | 12.70       | 4.04 | 15.60       | 4.93  | 16.80       | 5.34  | 18.10       | 5.82  | 19.30       | 6.25  | 20.20       | 6.59  |
|        | 41                              | 10.10                        | 3.51 | 12.70       | 4.30 | 15.60       | 5.26  | 16.80       | 5.69  | 18.10       | 6.20  | 19.30       | 6.66  | 20.20       | 7.02  |
|        | 43                              | 10.10                        | 3.74 | 12.70       | 4.59 | 15.60       | 5.60  | 16.80       | 6.07  | 18.10       | 6.61  | 19.30       | 7.09  | 20.20       | 7.49  |
|        | 46                              | 10.10                        | 4.12 | 12.70       | 5.05 | 15.60       | 6.17  | 16.80       | 6.67  | 18.10       | 7.27  | 19.30       | 7.80  | 20.20       | 8.23  |
|        | 48                              | 10.10                        | 4.40 | 12.70       | 5.39 | 15.60       | 6.57  | 16.80       | 7.11  | 18.10       | 7.75  | 19.30       | 8.32  | 20.20       | 8.78  |
|        | 50                              | 10.10                        | 4.70 | 12.70       | 5.75 | 15.60       | 7.01  | 16.80       | 7.58  | 18.10       | 8.26  | 19.30       | 8.86  | 20.20       | 9.36  |
|        | 52                              | 10.10                        | 5.02 | 12.70       | 6.13 | 15.60       | 7.47  | 16.80       | 7.83  | 18.10       | 8.46  | 19.30       | 9.00  | 20.20       | 9.42  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM140LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 30.60                        | 3.23  | 38.70       | 4.44  | 47.30       | 6.53  | 50.90       | 7.48  | 55.00       | 8.74  | 58.50       | 10.02 | 61.00       | 11.14 |
|        | 12                         | 30.60                        | 3.50  | 38.70       | 4.85  | 47.30       | 7.03  | 50.90       | 7.99  | 55.00       | 9.21  | 58.50       | 10.41 | 60.90       | 11.34 |
|        | 14                         | 30.60                        | 3.75  | 38.70       | 5.29  | 47.30       | 7.57  | 50.90       | 8.54  | 55.00       | 9.73  | 58.50       | 10.85 | 60.80       | 11.60 |
|        | 16                         | 30.60                        | 3.95  | 38.70       | 5.78  | 47.30       | 8.16  | 50.90       | 9.13  | 55.00       | 10.30 | 58.50       | 11.34 | 60.60       | 11.92 |
|        | 18                         | 30.60                        | 4.32  | 38.70       | 6.30  | 47.30       | 8.78  | 50.90       | 9.77  | 55.00       | 10.91 | 58.50       | 11.88 | 60.30       | 12.30 |
|        | 20                         | 30.60                        | 4.76  | 38.70       | 6.88  | 47.30       | 9.46  | 50.90       | 10.45 | 55.00       | 11.57 | 58.50       | 12.48 | 60.00       | 12.76 |
|        | 21                         | 30.60                        | 4.99  | 38.70       | 7.19  | 47.30       | 9.82  | 50.90       | 10.82 | 55.00       | 11.93 | 58.50       | 12.80 | 59.80       | 13.01 |
|        | 23                         | 30.60                        | 5.54  | 38.70       | 7.85  | 47.30       | 10.57 | 50.90       | 11.59 | 55.00       | 12.61 | 58.50       | 13.23 | 59.30       | 13.31 |
|        | 25                         | 30.60                        | 6.11  | 38.70       | 8.56  | 47.30       | 11.28 | 50.90       | 12.14 | 55.00       | 12.99 | 58.00       | 13.45 | 58.80       | 13.54 |
|        | 27                         | 30.60                        | 6.67  | 38.70       | 9.25  | 47.30       | 11.77 | 50.90       | 12.61 | 55.00       | 13.42 | 57.40       | 13.75 | 58.30       | 13.85 |
|        | 29                         | 30.60                        | 7.18  | 38.70       | 9.78  | 47.30       | 12.29 | 50.90       | 13.12 | 55.00       | 13.89 | 56.90       | 14.13 | 57.70       | 14.23 |
|        | 31                         | 30.60                        | 7.61  | 38.70       | 10.36 | 47.30       | 12.86 | 50.90       | 13.69 | 55.00       | 14.43 | 56.20       | 14.58 | 57.00       | 14.69 |
|        | 33                         | 30.60                        | 8.07  | 38.70       | 10.98 | 47.30       | 13.47 | 50.90       | 14.31 | 54.50       | 14.96 | 55.50       | 15.10 | 56.30       | 15.22 |
|        | 35                         | 30.60                        | 8.56  | 38.70       | 11.65 | 47.30       | 14.13 | 50.90       | 15.01 | 53.80       | 15.54 | 54.80       | 15.69 | 55.60       | 15.82 |
|        | 37                         | 30.60                        | 9.08  | 38.70       | 12.35 | 47.30       | 14.87 | 50.90       | 15.79 | 51.80       | 15.99 | 51.80       | 15.98 | 51.80       | 15.98 |
|        | 39                         | 30.60                        | 9.63  | 38.70       | 13.02 | 47.30       | 15.69 | 47.80       | 15.84 | 47.90       | 15.86 | 47.80       | 15.85 | 47.80       | 15.84 |
|        | 41                         | 30.60                        | 10.23 | 38.70       | 13.74 | 43.90       | 15.50 | 43.80       | 15.49 | 43.80       | 15.48 | 43.80       | 15.49 | 43.80       | 15.48 |
|        | 43                         | 30.60                        | 10.87 | 38.70       | 14.52 | 40.00       | 15.00 | 39.90       | 15.00 | 39.90       | 14.98 | 39.90       | 15.00 | 40.00       | 15.01 |
|        | 46                         | 30.60                        | 11.94 | 34.50       | 14.04 | 34.40       | 14.02 | 34.40       | 14.00 | 34.40       | 14.04 | 34.40       | 14.03 | 34.40       | 14.01 |
|        | 48                         | 30.60                        | 12.73 | 31.00       | 12.93 | 30.90       | 12.92 | 31.00       | 12.93 | 31.00       | 12.95 | 30.90       | 12.90 | 30.90       | 12.93 |
|        | 50                         | 27.80                        | 11.80 | 27.80       | 11.78 | 27.70       | 11.77 | 27.70       | 11.75 | 27.70       | 11.76 | 27.70       | 11.76 | 27.70       | 11.75 |
|        | 52                         | 24.80                        | 10.08 | 24.70       | 10.05 | 24.70       | 10.06 | 24.70       | 10.07 | 24.70       | 10.07 | 24.70       | 10.05 | 24.70       | 10.05 |
| 120    | 10                         | 28.30                        | 2.97  | 35.70       | 3.92  | 43.70       | 5.55  | 47.00       | 6.46  | 50.80       | 7.45  | 54.00       | 8.41  | 56.50       | 9.26  |
|        | 12                         | 28.30                        | 3.21  | 35.70       | 4.28  | 43.70       | 6.04  | 47.00       | 6.96  | 50.80       | 7.95  | 54.00       | 8.90  | 56.50       | 9.71  |
|        | 14                         | 28.30                        | 3.38  | 35.70       | 4.67  | 43.70       | 6.57  | 47.00       | 7.50  | 50.80       | 8.50  | 54.00       | 9.43  | 56.50       | 10.20 |
|        | 16                         | 28.30                        | 3.45  | 35.70       | 5.10  | 43.70       | 7.14  | 47.00       | 8.08  | 50.80       | 9.09  | 54.00       | 10.00 | 56.50       | 10.74 |
|        | 18                         | 28.30                        | 3.77  | 35.70       | 5.57  | 43.70       | 7.77  | 47.00       | 8.71  | 50.80       | 9.73  | 54.00       | 10.63 | 56.50       | 11.33 |
|        | 20                         | 28.30                        | 4.15  | 35.70       | 6.08  | 43.70       | 8.46  | 47.00       | 9.38  | 50.80       | 10.42 | 54.00       | 11.30 | 56.50       | 11.97 |
|        | 21                         | 28.30                        | 4.39  | 35.70       | 6.35  | 43.70       | 8.82  | 47.00       | 9.74  | 50.80       | 10.78 | 54.00       | 11.66 | 56.50       | 12.32 |
|        | 23                         | 28.30                        | 4.85  | 35.70       | 6.94  | 43.70       | 9.56  | 47.00       | 10.49 | 50.80       | 11.55 | 54.00       | 12.39 | 56.50       | 12.90 |
|        | 25                         | 28.30                        | 5.43  | 35.70       | 7.58  | 43.70       | 10.33 | 47.00       | 11.21 | 50.80       | 12.10 | 54.00       | 12.79 | 56.50       | 13.25 |
|        | 27                         | 28.30                        | 6.01  | 35.70       | 8.27  | 43.70       | 10.86 | 47.00       | 11.70 | 50.80       | 12.58 | 54.00       | 13.24 | 56.50       | 13.65 |
|        | 29                         | 28.30                        | 6.52  | 35.70       | 8.76  | 43.70       | 11.38 | 47.00       | 12.22 | 50.80       | 13.09 | 54.00       | 13.73 | 56.30       | 14.06 |
|        | 31                         | 28.30                        | 6.91  | 35.70       | 9.28  | 43.70       | 11.93 | 47.00       | 12.79 | 50.80       | 13.66 | 54.00       | 14.27 | 55.70       | 14.51 |
|        | 33                         | 28.30                        | 7.33  | 35.70       | 9.84  | 43.70       | 12.52 | 47.00       | 13.40 | 50.80       | 14.28 | 54.00       | 14.89 | 55.00       | 15.02 |
|        | 35                         | 28.30                        | 7.77  | 35.70       | 10.43 | 43.70       | 13.16 | 47.00       | 14.06 | 50.80       | 14.98 | 53.50       | 15.50 | 54.30       | 15.61 |
|        | 37                         | 28.30                        | 8.24  | 35.70       | 11.07 | 43.70       | 13.85 | 47.00       | 14.79 | 50.80       | 15.76 | 51.80       | 15.98 | 51.80       | 15.99 |
|        | 39                         | 28.30                        | 8.74  | 35.70       | 11.77 | 43.70       | 14.60 | 47.00       | 15.61 | 47.80       | 15.85 | 47.80       | 15.84 | 47.80       | 15.84 |
|        | 41                         | 28.30                        | 9.27  | 35.70       | 12.53 | 43.70       | 15.43 | 43.90       | 15.50 | 43.80       | 15.49 | 43.80       | 15.48 | 43.90       | 15.50 |
|        | 43                         | 28.30                        | 9.85  | 35.70       | 13.36 | 40.00       | 15.00 | 40.00       | 15.00 | 39.90       | 14.99 | 40.00       | 15.00 | 39.90       | 14.99 |
|        | 46                         | 28.30                        | 10.79 | 34.40       | 14.02 | 34.40       | 14.01 | 34.40       | 14.01 | 34.40       | 14.02 | 34.40       | 14.00 | 34.40       | 14.00 |
|        | 48                         | 28.30                        | 11.48 | 31.00       | 12.92 | 30.90       | 12.92 | 31.00       | 12.93 | 30.90       | 12.91 | 30.90       | 12.91 | 30.90       | 12.91 |
|        | 50                         | 27.80                        | 11.78 | 27.80       | 11.79 | 27.70       | 11.76 | 27.70       | 11.76 | 27.70       | 11.75 | 27.70       | 11.75 | 27.50       | 11.69 |
|        | 52                         | 24.80                        | 10.08 | 24.70       | 10.07 | 24.70       | 10.07 | 24.70       | 10.06 | 24.70       | 10.06 | 24.70       | 10.07 | 24.70       | 10.06 |
| 110    | 10                         | 25.90                        | 2.75  | 32.70       | 3.49  | 40.00       | 4.72  | 43.10       | 5.41  | 46.60       | 6.35  | 49.50       | 7.10  | 51.80       | 7.74  |
|        | 12                         | 25.90                        | 2.96  | 32.70       | 3.79  | 40.00       | 5.14  | 43.10       | 5.89  | 46.60       | 6.85  | 49.50       | 7.60  | 51.80       | 8.25  |
|        | 14                         | 25.90                        | 3.00  | 32.70       | 4.13  | 40.00       | 5.61  | 43.10       | 6.41  | 46.60       | 7.39  | 49.50       | 8.15  | 51.80       | 8.79  |
|        | 16                         | 25.90                        | 3.06  | 32.70       | 4.42  | 40.00       | 6.12  | 43.10       | 6.98  | 46.60       | 7.97  | 49.50       | 8.74  | 51.80       | 9.38  |
|        | 18                         | 25.90                        | 3.26  | 32.70       | 4.84  | 40.00       | 6.68  | 43.10       | 7.59  | 46.60       | 8.59  | 49.50       | 9.38  | 51.80       | 10.01 |
|        | 20                         | 25.90                        | 3.59  | 32.70       | 5.37  | 40.00       | 7.28  | 43.10       | 8.27  | 46.60       | 9.26  | 49.50       | 10.06 | 51.80       | 10.70 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 25.90                        | 3.81  | 32.70       | 5.61  | 40.00       | 7.61  | 43.10       | 8.62  | 46.60       | 9.62  | 49.50       | 10.43 | 51.80       | 11.06 |
|        | 23                              | 25.90                        | 4.23  | 32.70       | 6.12  | 40.00       | 8.30  | 43.10       | 9.39  | 46.60       | 10.37 | 49.50       | 11.19 | 51.80       | 11.83 |
|        | 25                              | 25.90                        | 4.71  | 32.70       | 6.68  | 40.00       | 9.05  | 43.10       | 10.17 | 46.60       | 11.10 | 49.50       | 11.81 | 51.80       | 12.33 |
|        | 27                              | 25.90                        | 5.32  | 32.70       | 7.30  | 40.00       | 9.72  | 43.10       | 10.72 | 46.60       | 11.59 | 49.50       | 12.29 | 51.80       | 12.80 |
|        | 29                              | 25.90                        | 5.89  | 32.70       | 7.81  | 40.00       | 10.28 | 43.10       | 11.24 | 46.60       | 12.11 | 49.50       | 12.81 | 51.80       | 13.31 |
|        | 31                              | 25.90                        | 6.25  | 32.70       | 8.28  | 40.00       | 10.89 | 43.10       | 11.79 | 46.60       | 12.68 | 49.50       | 13.38 | 51.80       | 13.87 |
|        | 33                              | 25.90                        | 6.62  | 32.70       | 8.77  | 40.00       | 11.53 | 43.10       | 12.37 | 46.60       | 13.28 | 49.50       | 14.00 | 51.80       | 14.50 |
|        | 35                              | 25.90                        | 7.02  | 32.70       | 9.30  | 40.00       | 12.12 | 43.10       | 13.00 | 46.60       | 13.94 | 49.50       | 14.68 | 51.80       | 15.20 |
|        | 37                              | 25.90                        | 7.44  | 32.70       | 9.87  | 40.00       | 12.77 | 43.10       | 13.68 | 46.60       | 14.67 | 49.50       | 15.45 | 51.80       | 15.98 |
|        | 39                              | 25.90                        | 7.89  | 32.70       | 10.48 | 40.00       | 13.45 | 43.10       | 14.42 | 46.60       | 15.48 | 47.80       | 15.85 | 47.90       | 15.86 |
|        | 41                              | 25.90                        | 8.38  | 32.70       | 11.14 | 40.00       | 14.20 | 43.10       | 15.24 | 43.80       | 15.49 | 43.80       | 15.48 | 43.80       | 15.48 |
|        | 43                              | 25.90                        | 8.89  | 32.70       | 11.85 | 39.90       | 14.99 | 40.00       | 15.01 | 40.00       | 15.00 | 39.90       | 14.99 | 40.00       | 15.01 |
|        | 46                              | 25.90                        | 9.72  | 32.70       | 13.05 | 34.40       | 14.04 | 34.40       | 14.04 | 34.40       | 14.02 | 34.40       | 14.03 | 34.40       | 14.04 |
|        | 48                              | 25.90                        | 10.33 | 31.00       | 12.95 | 31.00       | 12.94 | 31.00       | 12.94 | 30.90       | 12.92 | 31.00       | 12.93 | 31.00       | 12.94 |
|        | 50                              | 25.90                        | 10.99 | 27.80       | 11.78 | 27.80       | 11.78 | 27.70       | 11.76 | 27.70       | 11.76 | 27.70       | 11.77 | 27.70       | 11.77 |
| 100    | 52                              | 24.80                        | 10.08 | 24.80       | 10.08 | 24.80       | 10.08 | 24.70       | 10.06 | 24.70       | 10.07 | 24.70       | 10.05 | 24.70       | 10.07 |
|        | 10                              | 23.60                        | 2.30  | 29.70       | 3.13  | 36.40       | 4.04  | 39.20       | 4.55  | 42.30       | 5.23  | 45.00       | 5.91  | 47.10       | 6.48  |
|        | 12                              | 23.60                        | 2.63  | 29.70       | 3.39  | 36.40       | 4.41  | 39.20       | 4.96  | 42.30       | 5.69  | 45.00       | 6.42  | 47.10       | 6.98  |
|        | 14                              | 23.60                        | 2.68  | 29.70       | 3.62  | 36.40       | 4.81  | 39.20       | 5.41  | 42.30       | 6.20  | 45.00       | 6.97  | 47.10       | 7.53  |
|        | 16                              | 23.60                        | 2.74  | 29.70       | 3.74  | 36.40       | 5.25  | 39.20       | 5.91  | 42.30       | 6.75  | 45.00       | 7.57  | 47.10       | 8.11  |
|        | 18                              | 23.60                        | 2.80  | 29.70       | 4.12  | 36.40       | 5.73  | 39.20       | 6.45  | 42.30       | 7.35  | 45.00       | 8.19  | 47.10       | 8.74  |
|        | 20                              | 23.60                        | 3.10  | 29.70       | 4.52  | 36.40       | 6.26  | 39.20       | 7.03  | 42.30       | 8.01  | 45.00       | 8.85  | 47.10       | 9.41  |
|        | 21                              | 23.60                        | 3.26  | 29.70       | 4.74  | 36.40       | 6.54  | 39.20       | 7.35  | 42.30       | 8.36  | 45.00       | 9.20  | 47.10       | 9.77  |
|        | 23                              | 23.60                        | 3.67  | 29.70       | 5.27  | 36.40       | 7.14  | 39.20       | 8.02  | 42.30       | 9.11  | 45.00       | 9.93  | 47.10       | 10.52 |
|        | 25                              | 23.60                        | 4.10  | 29.70       | 5.88  | 36.40       | 7.80  | 39.20       | 8.75  | 42.30       | 9.92  | 45.00       | 10.71 | 47.10       | 11.23 |
|        | 27                              | 23.60                        | 4.61  | 29.70       | 6.41  | 36.40       | 8.49  | 39.20       | 9.43  | 42.30       | 10.52 | 45.00       | 11.20 | 47.10       | 11.72 |
|        | 29                              | 23.60                        | 5.27  | 29.70       | 6.93  | 36.40       | 8.99  | 39.20       | 9.98  | 42.30       | 11.04 | 45.00       | 11.73 | 47.10       | 12.25 |
|        | 31                              | 23.60                        | 5.63  | 29.70       | 7.35  | 36.40       | 9.53  | 39.20       | 10.56 | 42.30       | 11.58 | 45.00       | 12.28 | 47.10       | 12.81 |
|        | 33                              | 23.60                        | 5.97  | 29.70       | 7.79  | 36.40       | 10.10 | 39.20       | 11.19 | 42.30       | 12.16 | 45.00       | 12.88 | 47.10       | 13.42 |
|        | 35                              | 23.60                        | 6.32  | 29.70       | 8.26  | 36.40       | 10.71 | 39.20       | 11.88 | 42.30       | 12.79 | 45.00       | 13.53 | 47.10       | 14.09 |
| 90     | 37                              | 23.60                        | 6.70  | 29.70       | 8.76  | 36.40       | 11.37 | 39.20       | 12.51 | 42.30       | 13.46 | 45.00       | 14.24 | 47.10       | 14.82 |
|        | 39                              | 23.60                        | 7.10  | 29.70       | 9.29  | 36.40       | 12.09 | 39.20       | 13.19 | 42.30       | 14.18 | 45.00       | 15.01 | 47.10       | 15.64 |
|        | 41                              | 23.60                        | 7.53  | 29.70       | 9.87  | 36.40       | 12.88 | 39.20       | 13.92 | 42.30       | 14.98 | 43.80       | 15.49 | 43.80       | 15.49 |
|        | 43                              | 23.60                        | 7.99  | 29.70       | 10.48 | 36.40       | 13.69 | 39.20       | 14.71 | 39.90       | 14.99 | 40.00       | 15.00 | 40.00       | 15.00 |
|        | 46                              | 23.60                        | 8.73  | 29.70       | 11.50 | 34.50       | 14.05 | 34.40       | 14.03 | 34.40       | 14.02 | 34.40       | 14.03 | 34.40       | 14.04 |
|        | 48                              | 23.60                        | 9.27  | 29.70       | 12.25 | 31.00       | 12.93 | 30.90       | 12.92 | 31.00       | 12.95 | 30.90       | 12.92 | 31.00       | 12.93 |
|        | 50                              | 23.60                        | 9.85  | 27.80       | 11.79 | 27.70       | 11.77 | 27.70       | 11.77 | 27.70       | 11.76 | 27.70       | 11.77 | 27.70       | 11.77 |
|        | 52                              | 23.60                        | 10.47 | 24.70       | 10.07 | 24.70       | 10.07 | 24.80       | 10.08 | 24.70       | 10.07 | 24.70       | 10.06 | 24.70       | 10.07 |
|        | 10                              | 21.20                        | 1.91  | 26.80       | 2.83  | 32.70       | 3.49  | 35.30       | 3.86  | 38.10       | 4.34  | 40.50       | 4.82  | 42.40       | 5.24  |
|        | 12                              | 21.20                        | 2.33  | 26.80       | 3.04  | 32.70       | 3.80  | 35.30       | 4.21  | 38.10       | 4.74  | 40.50       | 5.26  | 42.40       | 5.71  |
|        | 14                              | 21.20                        | 2.35  | 26.80       | 3.13  | 32.70       | 4.14  | 35.30       | 4.59  | 38.10       | 5.17  | 40.50       | 5.73  | 42.40       | 6.22  |
|        | 16                              | 21.20                        | 2.41  | 26.80       | 3.20  | 32.70       | 4.42  | 35.30       | 5.01  | 38.10       | 5.64  | 40.50       | 6.25  | 42.40       | 6.77  |
|        | 18                              | 21.20                        | 2.45  | 26.80       | 3.46  | 32.70       | 4.86  | 35.30       | 5.47  | 38.10       | 6.16  | 40.50       | 6.82  | 42.40       | 7.38  |
|        | 20                              | 21.20                        | 2.66  | 26.80       | 3.82  | 32.70       | 5.37  | 35.30       | 5.97  | 38.10       | 6.72  | 40.50       | 7.43  | 42.40       | 8.03  |
|        | 21                              | 21.20                        | 2.81  | 26.80       | 4.01  | 32.70       | 5.61  | 35.30       | 6.24  | 38.10       | 7.03  | 40.50       | 7.76  | 42.40       | 8.38  |
|        | 23                              | 21.20                        | 3.11  | 26.80       | 4.45  | 32.70       | 6.13  | 35.30       | 6.82  | 38.10       | 7.67  | 40.50       | 8.46  | 42.40       | 9.13  |
|        | 25                              | 21.20                        | 3.48  | 26.80       | 4.98  | 32.70       | 6.69  | 35.30       | 7.45  | 38.10       | 8.37  | 40.50       | 9.23  | 42.40       | 9.95  |
|        | 27                              | 21.20                        | 3.97  | 26.80       | 5.62  | 32.70       | 7.31  | 35.30       | 8.13  | 38.10       | 9.06  | 40.50       | 9.90  | 42.40       | 10.54 |
|        | 29                              | 21.20                        | 4.50  | 26.80       | 6.12  | 32.70       | 7.82  | 35.30       | 8.62  | 38.10       | 9.59  | 40.50       | 10.47 | 42.40       | 11.06 |
|        | 31                              | 21.20                        | 5.06  | 26.80       | 6.49  | 32.70       | 8.29  | 35.30       | 9.13  | 38.10       | 10.15 | 40.50       | 11.08 | 42.40       | 11.60 |
|        | 33                              | 21.20                        | 5.35  | 26.80       | 6.87  | 32.70       | 8.79  | 35.30       | 9.68  | 38.10       | 10.76 | 40.50       | 11.66 | 42.40       | 12.18 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 21.20                        | 5.67 | 26.80       | 7.29  | 32.70       | 9.32  | 35.30       | 10.27 | 38.10       | 11.42 | 40.50       | 12.27 | 42.40       | 12.81 |
|        | 37                               | 21.20                        | 6.00 | 26.80       | 7.73  | 32.70       | 9.89  | 35.30       | 10.90 | 38.10       | 12.13 | 40.50       | 12.91 | 42.40       | 13.48 |
|        | 39                               | 21.20                        | 6.36 | 26.80       | 8.19  | 32.70       | 10.50 | 35.30       | 11.58 | 38.10       | 12.84 | 40.50       | 13.61 | 42.40       | 14.21 |
|        | 41                               | 21.20                        | 6.74 | 26.80       | 8.69  | 32.70       | 11.15 | 35.30       | 12.33 | 38.10       | 13.55 | 40.50       | 14.37 | 42.40       | 15.01 |
|        | 43                               | 21.20                        | 7.15 | 26.80       | 9.23  | 32.70       | 11.87 | 35.30       | 13.14 | 38.10       | 14.31 | 40.00       | 14.99 | 40.00       | 14.99 |
|        | 46                               | 21.20                        | 7.81 | 26.80       | 10.10 | 32.70       | 13.07 | 34.40       | 14.03 | 34.40       | 14.02 | 34.40       | 14.02 | 34.40       | 14.04 |
|        | 48                               | 21.20                        | 8.29 | 26.80       | 10.74 | 30.90       | 12.92 | 31.00       | 12.94 | 31.00       | 12.93 | 31.00       | 12.94 | 30.90       | 12.92 |
|        | 50                               | 21.20                        | 8.79 | 26.80       | 11.43 | 27.70       | 11.77 | 27.70       | 11.77 | 27.80       | 11.78 | 27.70       | 11.76 | 27.70       | 11.77 |
|        | 52                               | 21.20                        | 9.34 | 24.70       | 10.07 | 24.80       | 10.08 | 24.80       | 10.08 | 24.70       | 10.07 | 24.70       | 10.05 | 24.70       | 10.06 |
| 80     | 10                               | 18.80                        | 1.60 | 23.80       | 2.34  | 29.10       | 3.06  | 31.30       | 3.31  | 33.90       | 3.65  | 36.00       | 3.98  | 37.70       | 4.27  |
|        | 12                               | 18.80                        | 2.05 | 23.80       | 2.64  | 29.10       | 3.31  | 31.30       | 3.60  | 33.90       | 3.97  | 36.00       | 4.34  | 37.70       | 4.65  |
|        | 14                               | 18.80                        | 2.07 | 23.80       | 2.70  | 29.10       | 3.52  | 31.30       | 3.91  | 33.90       | 4.33  | 36.00       | 4.73  | 37.70       | 5.08  |
|        | 16                               | 18.80                        | 2.12 | 23.80       | 2.76  | 29.10       | 3.60  | 31.30       | 4.12  | 33.90       | 4.73  | 36.00       | 5.17  | 37.70       | 5.55  |
|        | 18                               | 18.80                        | 2.15 | 23.80       | 2.86  | 29.10       | 3.95  | 31.30       | 4.50  | 33.90       | 5.16  | 36.00       | 5.64  | 37.70       | 6.06  |
|        | 20                               | 18.80                        | 2.26 | 23.80       | 3.17  | 29.10       | 4.37  | 31.30       | 4.95  | 33.90       | 5.63  | 36.00       | 6.16  | 37.70       | 6.61  |
|        | 21                               | 18.80                        | 2.38 | 23.80       | 3.33  | 29.10       | 4.59  | 31.30       | 5.19  | 33.90       | 5.89  | 36.00       | 6.44  | 37.70       | 6.91  |
|        | 23                               | 18.80                        | 2.64 | 23.80       | 3.71  | 29.10       | 5.10  | 31.30       | 5.78  | 33.90       | 6.43  | 36.00       | 7.04  | 37.70       | 7.54  |
|        | 25                               | 18.80                        | 2.97 | 23.80       | 4.15  | 29.10       | 5.72  | 31.30       | 6.30  | 33.90       | 7.02  | 36.00       | 7.68  | 37.70       | 8.23  |
|        | 27                               | 18.80                        | 3.36 | 23.80       | 4.70  | 29.10       | 6.24  | 31.30       | 6.88  | 33.90       | 7.67  | 36.00       | 8.38  | 37.70       | 8.92  |
|        | 29                               | 18.80                        | 3.84 | 23.80       | 5.33  | 29.10       | 6.75  | 31.30       | 7.40  | 33.90       | 8.17  | 36.00       | 8.87  | 37.70       | 9.45  |
|        | 31                               | 18.80                        | 4.41 | 23.80       | 5.69  | 29.10       | 7.16  | 31.30       | 7.84  | 33.90       | 8.66  | 36.00       | 9.40  | 37.70       | 10.00 |
|        | 33                               | 18.80                        | 4.78 | 23.80       | 6.03  | 29.10       | 7.59  | 31.30       | 8.31  | 33.90       | 9.18  | 36.00       | 9.96  | 37.70       | 10.60 |
|        | 35                               | 18.80                        | 5.05 | 23.80       | 6.39  | 29.10       | 8.05  | 31.30       | 8.81  | 33.90       | 9.73  | 36.00       | 10.56 | 37.70       | 11.25 |
|        | 37                               | 18.80                        | 5.35 | 23.80       | 6.77  | 29.10       | 8.53  | 31.30       | 9.35  | 33.90       | 10.33 | 36.00       | 11.22 | 37.70       | 11.95 |
|        | 39                               | 18.80                        | 5.66 | 23.80       | 7.18  | 29.10       | 9.05  | 31.30       | 9.92  | 33.90       | 10.97 | 36.00       | 11.92 | 37.70       | 12.71 |
|        | 41                               | 18.80                        | 6.00 | 23.80       | 7.61  | 29.10       | 9.61  | 31.30       | 10.54 | 33.90       | 11.66 | 36.00       | 12.69 | 37.70       | 13.41 |
|        | 43                               | 18.80                        | 6.36 | 23.80       | 8.08  | 29.10       | 10.21 | 31.30       | 11.21 | 33.90       | 12.42 | 36.00       | 13.54 | 37.70       | 14.17 |
|        | 46                               | 18.80                        | 6.94 | 23.80       | 8.83  | 29.10       | 11.19 | 31.30       | 12.32 | 33.90       | 13.70 | 34.50       | 14.05 | 34.40       | 14.03 |
|        | 48                               | 18.80                        | 7.37 | 23.80       | 9.37  | 29.10       | 11.92 | 31.00       | 12.95 | 31.00       | 12.94 | 31.00       | 12.94 | 30.90       | 12.92 |
|        | 50                               | 18.80                        | 7.82 | 23.80       | 9.96  | 27.70       | 11.77 | 27.70       | 11.76 | 27.70       | 11.78 | 27.80       | 11.78 | 27.70       | 11.76 |
|        | 52                               | 18.80                        | 8.30 | 23.80       | 10.59 | 24.80       | 10.08 | 24.80       | 10.08 | 24.70       | 10.07 | 24.70       | 10.07 | 24.70       | 10.06 |
| 70     | 10                               | 16.50                        | 1.35 | 20.80       | 1.86  | 25.50       | 2.68  | 27.40       | 2.89  | 29.60       | 3.12  | 31.50       | 3.33  | 33.00       | 3.52  |
|        | 12                               | 16.50                        | 1.80 | 20.80       | 2.27  | 25.50       | 2.92  | 27.40       | 3.12  | 29.60       | 3.37  | 31.50       | 3.62  | 33.00       | 3.84  |
|        | 14                               | 16.50                        | 1.84 | 20.80       | 2.33  | 25.50       | 2.95  | 27.40       | 3.25  | 29.60       | 3.58  | 31.50       | 3.94  | 33.00       | 4.18  |
|        | 16                               | 16.50                        | 1.86 | 20.80       | 2.35  | 25.50       | 3.01  | 27.40       | 3.32  | 29.60       | 3.74  | 31.50       | 4.14  | 33.00       | 4.50  |
|        | 18                               | 16.50                        | 1.89 | 20.80       | 2.41  | 25.50       | 3.19  | 27.40       | 3.60  | 29.60       | 4.08  | 31.50       | 4.55  | 33.00       | 4.90  |
|        | 20                               | 16.50                        | 1.91 | 20.80       | 2.60  | 25.50       | 3.51  | 27.40       | 3.95  | 29.60       | 4.48  | 31.50       | 4.97  | 33.00       | 5.43  |
|        | 21                               | 16.50                        | 2.00 | 20.80       | 2.73  | 25.50       | 3.69  | 27.40       | 4.19  | 29.60       | 4.73  | 31.50       | 5.25  | 33.00       | 5.67  |
|        | 23                               | 16.50                        | 2.21 | 20.80       | 3.02  | 25.50       | 4.14  | 27.40       | 4.64  | 29.60       | 5.26  | 31.50       | 5.82  | 33.00       | 6.19  |
|        | 25                               | 16.50                        | 2.48 | 20.80       | 3.40  | 25.50       | 4.62  | 27.40       | 5.19  | 29.60       | 5.85  | 31.50       | 6.35  | 33.00       | 6.76  |
|        | 27                               | 16.50                        | 2.82 | 20.80       | 3.87  | 25.50       | 5.21  | 27.40       | 5.79  | 29.60       | 6.39  | 31.50       | 6.93  | 33.00       | 7.38  |
|        | 29                               | 16.50                        | 3.21 | 20.80       | 4.40  | 25.50       | 5.77  | 27.40       | 6.30  | 29.60       | 6.90  | 31.50       | 7.45  | 33.00       | 7.89  |
|        | 31                               | 16.50                        | 3.70 | 20.80       | 4.97  | 25.50       | 6.13  | 27.40       | 6.67  | 29.60       | 7.32  | 31.50       | 7.89  | 33.00       | 8.37  |
|        | 33                               | 16.50                        | 4.25 | 20.80       | 5.26  | 25.50       | 6.50  | 27.40       | 7.07  | 29.60       | 7.75  | 31.50       | 8.37  | 33.00       | 8.87  |
|        | 35                               | 16.50                        | 4.48 | 20.80       | 5.56  | 25.50       | 6.89  | 27.40       | 7.50  | 29.60       | 8.22  | 31.50       | 8.87  | 33.00       | 9.40  |
|        | 37                               | 16.50                        | 4.74 | 20.80       | 5.89  | 25.50       | 7.30  | 27.40       | 7.95  | 29.60       | 8.72  | 31.50       | 9.41  | 33.00       | 9.98  |
|        | 39                               | 16.50                        | 5.01 | 20.80       | 6.24  | 25.50       | 7.74  | 27.40       | 8.43  | 29.60       | 9.25  | 31.50       | 9.99  | 33.00       | 10.60 |
|        | 41                               | 16.50                        | 5.30 | 20.80       | 6.62  | 25.50       | 8.21  | 27.40       | 8.95  | 29.60       | 9.82  | 31.50       | 10.61 | 33.00       | 11.26 |
|        | 43                               | 16.50                        | 5.62 | 20.80       | 7.02  | 25.50       | 8.72  | 27.40       | 9.50  | 29.60       | 10.44 | 31.50       | 11.28 | 33.00       | 11.98 |
|        | 46                               | 16.50                        | 6.13 | 20.80       | 7.66  | 25.50       | 9.53  | 27.40       | 10.40 | 29.60       | 11.45 | 31.50       | 12.40 | 33.00       | 13.20 |
|        | 48                               | 16.50                        | 6.51 | 20.80       | 8.13  | 25.50       | 10.13 | 27.40       | 11.06 | 29.60       | 12.20 | 31.00       | 12.94 | 31.00       | 12.94 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 16.50                        | 6.90 | 20.80       | 8.63 | 25.50       | 10.77 | 27.40       | 11.64 | 27.80       | 11.78 | 27.70       | 11.77 | 27.70       | 11.77 |
|        | 52                               | 16.50                        | 7.33 | 20.80       | 9.16 | 24.80       | 10.08 | 24.70       | 10.07 | 24.80       | 10.09 | 24.70       | 10.06 | 24.70       | 10.06 |
| 60     | 10                               | 14.10                        | 1.14 | 17.80       | 1.48 | 21.80       | 2.01  | 23.50       | 2.29  | 25.40       | 2.66  | 27.00       | 2.85  | 28.30       | 2.97  |
|        | 12                               | 14.10                        | 1.60 | 17.80       | 1.95 | 21.80       | 2.41  | 23.50       | 2.62  | 25.40       | 2.91  | 27.00       | 3.07  | 28.30       | 3.21  |
|        | 14                               | 14.10                        | 1.62 | 17.80       | 1.98 | 21.80       | 2.46  | 23.50       | 2.67  | 25.40       | 2.94  | 27.00       | 3.16  | 28.30       | 3.37  |
|        | 16                               | 14.10                        | 1.64 | 17.80       | 2.00 | 21.80       | 2.49  | 23.50       | 2.73  | 25.40       | 3.00  | 27.00       | 3.25  | 28.30       | 3.44  |
|        | 18                               | 14.10                        | 1.66 | 17.80       | 2.05 | 21.80       | 2.54  | 23.50       | 2.79  | 25.40       | 3.17  | 27.00       | 3.51  | 28.30       | 3.76  |
|        | 20                               | 14.10                        | 1.68 | 17.80       | 2.10 | 21.80       | 2.78  | 23.50       | 3.09  | 25.40       | 3.51  | 27.00       | 3.86  | 28.30       | 4.17  |
|        | 21                               | 14.10                        | 1.70 | 17.80       | 2.21 | 21.80       | 2.93  | 23.50       | 3.26  | 25.40       | 3.68  | 27.00       | 4.05  | 28.30       | 4.38  |
|        | 23                               | 14.10                        | 1.86 | 17.80       | 2.45 | 21.80       | 3.27  | 23.50       | 3.67  | 25.40       | 4.09  | 27.00       | 4.53  | 28.30       | 4.84  |
|        | 25                               | 14.10                        | 2.06 | 17.80       | 2.76 | 21.80       | 3.67  | 23.50       | 4.09  | 25.40       | 4.59  | 27.00       | 5.03  | 28.30       | 5.41  |
|        | 27                               | 14.10                        | 2.32 | 17.80       | 3.14 | 21.80       | 4.13  | 23.50       | 4.61  | 25.40       | 5.15  | 27.00       | 5.68  | 28.30       | 6.01  |
|        | 29                               | 14.10                        | 2.67 | 17.80       | 3.58 | 21.80       | 4.69  | 23.50       | 5.26  | 25.40       | 5.75  | 27.00       | 6.19  | 28.30       | 6.52  |
|        | 31                               | 14.10                        | 3.07 | 17.80       | 4.12 | 21.80       | 5.21  | 23.50       | 5.62  | 25.40       | 6.12  | 27.00       | 6.56  | 28.30       | 6.91  |
|        | 33                               | 14.10                        | 3.59 | 17.80       | 4.55 | 21.80       | 5.51  | 23.50       | 5.96  | 25.40       | 6.48  | 27.00       | 6.95  | 28.30       | 7.33  |
|        | 35                               | 14.10                        | 3.96 | 17.80       | 4.81 | 21.80       | 5.84  | 23.50       | 6.31  | 25.40       | 6.87  | 27.00       | 7.37  | 28.30       | 7.77  |
|        | 37                               | 14.10                        | 4.17 | 17.80       | 5.08 | 21.80       | 6.18  | 23.50       | 6.69  | 25.40       | 7.28  | 27.00       | 7.81  | 28.30       | 8.24  |
|        | 39                               | 14.10                        | 4.41 | 17.80       | 5.38 | 21.80       | 6.55  | 23.50       | 7.09  | 25.40       | 7.72  | 27.00       | 8.28  | 28.30       | 8.74  |
|        | 41                               | 14.10                        | 4.66 | 17.80       | 5.70 | 21.80       | 6.95  | 23.50       | 7.52  | 25.40       | 8.19  | 27.00       | 8.79  | 28.30       | 9.28  |
|        | 43                               | 14.10                        | 4.93 | 17.80       | 6.04 | 21.80       | 7.37  | 23.50       | 7.97  | 25.40       | 8.69  | 27.00       | 9.33  | 28.30       | 9.85  |
|        | 46                               | 14.10                        | 5.38 | 17.80       | 6.59 | 21.80       | 8.05  | 23.50       | 8.72  | 25.40       | 9.51  | 27.00       | 10.21 | 28.30       | 10.79 |
|        | 48                               | 14.10                        | 5.71 | 17.80       | 6.99 | 21.80       | 8.54  | 23.50       | 9.25  | 25.40       | 10.10 | 27.00       | 10.86 | 28.30       | 11.49 |
|        | 50                               | 14.10                        | 6.05 | 17.80       | 7.42 | 21.80       | 9.07  | 23.50       | 9.83  | 25.40       | 10.74 | 27.00       | 11.56 | 27.80       | 11.79 |
|        | 52                               | 14.10                        | 6.43 | 17.80       | 7.88 | 21.80       | 9.63  | 23.50       | 10.45 | 24.80       | 10.08 | 24.80       | 10.08 | 24.80       | 10.08 |
| 50     | 10                               | 11.80                        | 0.98 | 14.90       | 1.20 | 18.20       | 1.52  | 19.60       | 1.69  | 21.20       | 1.91  | 22.50       | 2.12  | 23.60       | 2.30  |
|        | 12                               | 11.80                        | 1.27 | 14.90       | 1.65 | 18.20       | 1.98  | 19.60       | 2.15  | 21.20       | 2.33  | 22.50       | 2.49  | 23.60       | 2.62  |
|        | 14                               | 11.80                        | 1.39 | 14.90       | 1.67 | 18.20       | 2.00  | 19.60       | 2.17  | 21.20       | 2.35  | 22.50       | 2.54  | 23.60       | 2.67  |
|        | 16                               | 11.80                        | 1.41 | 14.90       | 1.69 | 18.20       | 2.05  | 19.60       | 2.22  | 21.20       | 2.41  | 22.50       | 2.60  | 23.60       | 2.73  |
|        | 18                               | 11.80                        | 1.43 | 14.90       | 1.71 | 18.20       | 2.07  | 19.60       | 2.25  | 21.20       | 2.46  | 22.50       | 2.62  | 23.60       | 2.82  |
|        | 20                               | 11.80                        | 1.45 | 14.90       | 1.75 | 18.20       | 2.16  | 19.60       | 2.39  | 21.20       | 2.64  | 22.50       | 2.89  | 23.60       | 3.12  |
|        | 21                               | 11.80                        | 1.45 | 14.90       | 1.77 | 18.20       | 2.28  | 19.60       | 2.51  | 21.20       | 2.79  | 22.50       | 3.05  | 23.60       | 3.28  |
|        | 23                               | 11.80                        | 1.53 | 14.90       | 1.95 | 18.20       | 2.51  | 19.60       | 2.78  | 21.20       | 3.11  | 22.50       | 3.40  | 23.60       | 3.66  |
|        | 25                               | 11.80                        | 1.69 | 14.90       | 2.19 | 18.20       | 2.83  | 19.60       | 3.13  | 21.20       | 3.50  | 22.50       | 3.81  | 23.60       | 4.08  |
|        | 27                               | 11.80                        | 1.89 | 14.90       | 2.46 | 18.20       | 3.22  | 19.60       | 3.54  | 21.20       | 3.94  | 22.50       | 4.33  | 23.60       | 4.60  |
|        | 29                               | 11.80                        | 2.15 | 14.90       | 2.84 | 18.20       | 3.63  | 19.60       | 4.04  | 21.20       | 4.52  | 22.50       | 4.90  | 23.60       | 5.27  |
|        | 31                               | 11.80                        | 2.48 | 14.90       | 3.25 | 18.20       | 4.22  | 19.60       | 4.62  | 21.20       | 5.05  | 22.50       | 5.37  | 23.60       | 5.64  |
|        | 33                               | 11.80                        | 2.92 | 14.90       | 3.79 | 18.20       | 4.63  | 19.60       | 4.96  | 21.20       | 5.34  | 22.50       | 5.69  | 23.60       | 5.97  |
|        | 35                               | 11.80                        | 3.42 | 14.90       | 4.12 | 18.20       | 4.89  | 19.60       | 5.24  | 21.20       | 5.66  | 22.50       | 6.03  | 23.60       | 6.32  |
|        | 37                               | 11.80                        | 3.65 | 14.90       | 4.34 | 18.20       | 5.17  | 19.60       | 5.55  | 21.20       | 5.99  | 22.50       | 6.38  | 23.60       | 6.70  |
|        | 39                               | 11.80                        | 3.85 | 14.90       | 4.59 | 18.20       | 5.48  | 19.60       | 5.88  | 21.20       | 6.35  | 22.50       | 6.77  | 23.60       | 7.11  |
|        | 41                               | 11.80                        | 4.06 | 14.90       | 4.85 | 18.20       | 5.80  | 19.60       | 6.23  | 21.20       | 6.73  | 22.50       | 7.18  | 23.60       | 7.54  |
|        | 43                               | 11.80                        | 4.29 | 14.90       | 5.14 | 18.20       | 6.15  | 19.60       | 6.60  | 21.20       | 7.14  | 22.50       | 7.61  | 23.60       | 7.99  |
|        | 46                               | 11.80                        | 4.68 | 14.90       | 5.61 | 18.20       | 6.72  | 19.60       | 7.21  | 21.20       | 7.80  | 22.50       | 8.32  | 23.60       | 8.74  |
|        | 48                               | 11.80                        | 4.96 | 14.90       | 5.95 | 18.20       | 7.12  | 19.60       | 7.65  | 21.20       | 8.27  | 22.50       | 8.83  | 23.60       | 9.28  |
|        | 50                               | 11.80                        | 5.26 | 14.90       | 6.31 | 18.20       | 7.56  | 19.60       | 8.12  | 21.20       | 8.78  | 22.50       | 9.37  | 23.60       | 9.85  |
|        | 52                               | 11.80                        | 5.58 | 14.90       | 6.70 | 18.20       | 8.02  | 19.60       | 8.62  | 21.20       | 9.33  | 22.50       | 9.96  | 23.60       | 10.47 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM160LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 35.00                        | 4.18  | 44.20       | 6.25  | 54.10       | 9.34  | 58.20       | 10.93 | 62.50       | 12.31 | 63.70       | 12.51 | 64.70       | 12.68 |
|        | 12                              | 35.00                        | 4.57  | 44.20       | 6.82  | 54.10       | 9.94  | 58.20       | 11.46 | 62.40       | 12.82 | 63.60       | 13.03 | 64.60       | 13.22 |
|        | 14                              | 35.00                        | 4.81  | 44.20       | 7.44  | 54.10       | 10.59 | 58.20       | 12.04 | 62.30       | 13.55 | 63.40       | 13.68 | 64.40       | 13.80 |
|        | 16                              | 35.00                        | 5.24  | 44.20       | 8.02  | 54.10       | 11.28 | 58.20       | 12.68 | 62.00       | 13.93 | 63.20       | 14.08 | 64.10       | 14.21 |
|        | 18                              | 35.00                        | 5.71  | 44.20       | 8.70  | 54.10       | 12.04 | 58.20       | 13.38 | 61.70       | 14.40 | 62.90       | 14.56 | 63.80       | 14.69 |
|        | 20                              | 35.00                        | 6.26  | 44.20       | 9.49  | 54.10       | 12.85 | 58.20       | 14.14 | 61.30       | 14.94 | 62.50       | 15.12 | 63.40       | 15.27 |
|        | 21                              | 35.00                        | 6.58  | 44.20       | 9.94  | 54.10       | 13.28 | 58.20       | 14.55 | 61.10       | 15.25 | 62.20       | 15.44 | 63.20       | 15.58 |
|        | 23                              | 35.00                        | 7.26  | 44.20       | 10.82 | 54.10       | 14.17 | 58.20       | 15.15 | 60.60       | 15.54 | 61.80       | 15.68 | 62.70       | 15.80 |
|        | 25                              | 35.00                        | 8.10  | 44.20       | 11.51 | 54.10       | 14.67 | 58.20       | 15.56 | 60.10       | 15.82 | 61.20       | 15.98 | 62.10       | 16.11 |
|        | 27                              | 35.00                        | 8.73  | 44.20       | 12.30 | 54.10       | 15.22 | 58.20       | 16.03 | 59.50       | 16.20 | 60.60       | 16.36 | 61.50       | 16.50 |
|        | 29                              | 35.00                        | 9.33  | 44.20       | 13.14 | 54.10       | 15.82 | 57.60       | 16.48 | 58.80       | 16.66 | 60.00       | 16.84 | 60.90       | 16.98 |
|        | 31                              | 35.00                        | 9.93  | 44.20       | 13.80 | 54.10       | 16.49 | 56.90       | 17.01 | 58.10       | 17.21 | 59.20       | 17.39 | 60.10       | 17.55 |
|        | 33                              | 35.00                        | 10.67 | 44.20       | 14.50 | 54.10       | 17.24 | 56.20       | 17.63 | 57.40       | 17.84 | 58.50       | 18.04 | 59.40       | 18.21 |
|        | 35                              | 35.00                        | 11.48 | 44.20       | 15.25 | 54.10       | 18.09 | 55.40       | 18.33 | 56.60       | 18.55 | 57.70       | 18.76 | 58.60       | 18.94 |
|        | 37                              | 35.00                        | 12.20 | 44.20       | 16.06 | 53.50       | 18.91 | 54.50       | 19.11 | 55.70       | 19.34 | 56.80       | 19.57 | 57.70       | 19.76 |
|        | 39                              | 35.00                        | 12.98 | 44.20       | 16.95 | 52.60       | 19.76 | 53.70       | 19.97 | 54.90       | 20.22 | 55.90       | 20.46 | 56.80       | 20.66 |
|        | 41                              | 35.00                        | 13.81 | 44.20       | 17.93 | 49.60       | 20.02 | 49.60       | 20.03 | 49.50       | 20.02 | 49.50       | 20.02 | 49.50       | 20.03 |
|        | 43                              | 35.00                        | 14.37 | 44.20       | 18.14 | 45.70       | 18.75 | 45.70       | 18.74 | 45.70       | 18.75 | 45.60       | 18.74 | 45.70       | 18.76 |
|        | 46                              | 35.00                        | 14.79 | 40.10       | 16.93 | 40.00       | 16.91 | 40.00       | 16.92 | 40.00       | 16.90 | 40.00       | 16.90 | 40.00       | 16.90 |
|        | 48                              | 35.00                        | 15.37 | 36.40       | 16.01 | 36.40       | 15.97 | 36.40       | 16.00 | 37.10       | 16.31 | 36.40       | 15.99 | 36.30       | 15.96 |
|        | 50                              | 33.00                        | 14.82 | 33.00       | 14.80 | 32.90       | 14.79 | 33.00       | 14.81 | 33.00       | 14.80 | 33.00       | 14.80 | 32.90       | 14.78 |
|        | 52                              | 29.70                        | 12.97 | 29.70       | 12.97 | 29.70       | 12.95 | 29.70       | 12.95 | 29.70       | 12.94 | 29.70       | 12.96 | 29.70       | 12.96 |
| 120    | 10                              | 32.30                        | 3.75  | 40.80       | 5.36  | 49.90       | 7.99  | 53.70       | 9.23  | 58.10       | 10.86 | 61.70       | 12.14 | 63.10       | 12.40 |
|        | 12                              | 32.30                        | 4.10  | 40.80       | 5.86  | 49.90       | 8.60  | 53.70       | 9.83  | 58.10       | 11.40 | 61.70       | 12.68 | 63.00       | 12.91 |
|        | 14                              | 32.30                        | 4.20  | 40.80       | 6.41  | 49.90       | 9.25  | 53.70       | 10.48 | 58.10       | 11.99 | 61.70       | 13.41 | 62.80       | 13.61 |
|        | 16                              | 32.30                        | 4.54  | 40.80       | 6.93  | 49.90       | 9.95  | 53.70       | 11.18 | 58.10       | 12.63 | 61.70       | 13.89 | 62.60       | 14.00 |
|        | 18                              | 32.30                        | 4.98  | 40.80       | 7.55  | 49.90       | 10.71 | 53.70       | 11.93 | 58.10       | 13.33 | 61.40       | 14.35 | 62.30       | 14.47 |
|        | 20                              | 32.30                        | 5.47  | 40.80       | 8.21  | 49.90       | 11.53 | 53.70       | 12.75 | 58.10       | 14.10 | 61.00       | 14.90 | 61.90       | 15.03 |
|        | 21                              | 32.30                        | 5.72  | 40.80       | 8.61  | 49.90       | 11.96 | 53.70       | 13.18 | 58.10       | 14.50 | 60.80       | 15.21 | 61.70       | 15.35 |
|        | 23                              | 32.30                        | 6.34  | 40.80       | 9.50  | 49.90       | 12.87 | 53.70       | 14.09 | 58.10       | 15.12 | 60.30       | 15.51 | 61.20       | 15.61 |
|        | 25                              | 32.30                        | 7.09  | 40.80       | 10.21 | 49.90       | 13.59 | 53.70       | 14.59 | 58.10       | 15.53 | 59.80       | 15.79 | 60.70       | 15.90 |
|        | 27                              | 32.30                        | 7.86  | 40.80       | 10.89 | 49.90       | 14.17 | 53.70       | 15.15 | 58.10       | 16.01 | 59.20       | 16.17 | 60.10       | 16.29 |
|        | 29                              | 32.30                        | 8.39  | 40.80       | 11.61 | 49.90       | 14.79 | 53.70       | 15.75 | 57.60       | 16.47 | 58.60       | 16.63 | 59.50       | 16.76 |
|        | 31                              | 32.30                        | 8.93  | 40.80       | 12.45 | 49.90       | 15.47 | 53.70       | 16.42 | 56.90       | 17.01 | 57.90       | 17.17 | 58.80       | 17.32 |
|        | 33                              | 32.30                        | 9.51  | 40.80       | 13.41 | 49.90       | 16.21 | 53.70       | 17.17 | 56.20       | 17.63 | 57.20       | 17.81 | 58.10       | 17.96 |
|        | 35                              | 32.30                        | 10.33 | 40.80       | 14.12 | 49.90       | 17.02 | 53.70       | 18.02 | 55.40       | 18.33 | 56.40       | 18.52 | 57.30       | 18.68 |
|        | 37                              | 32.30                        | 10.98 | 40.80       | 14.88 | 49.90       | 17.93 | 53.40       | 18.90 | 54.60       | 19.11 | 55.60       | 19.32 | 56.40       | 19.49 |
|        | 39                              | 32.30                        | 11.66 | 40.80       | 15.70 | 49.90       | 18.96 | 52.60       | 19.75 | 53.70       | 19.98 | 54.80       | 20.19 | 55.60       | 20.38 |
|        | 41                              | 32.30                        | 12.40 | 40.80       | 16.59 | 49.60       | 20.02 | 49.60       | 20.02 | 49.50       | 20.01 | 49.50       | 20.02 | 49.50       | 20.02 |
|        | 43                              | 32.30                        | 13.21 | 40.80       | 16.74 | 45.70       | 18.76 | 45.70       | 18.75 | 45.70       | 18.75 | 45.70       | 18.75 | 45.60       | 18.74 |
|        | 46                              | 32.30                        | 13.65 | 40.10       | 16.93 | 40.00       | 16.90 | 40.00       | 16.90 | 40.00       | 16.90 | 40.00       | 16.92 | 40.00       | 16.91 |
|        | 48                              | 32.30                        | 14.19 | 36.40       | 16.01 | 36.40       | 16.01 | 36.40       | 15.99 | 36.40       | 15.99 | 36.40       | 15.98 | 36.40       | 15.97 |
|        | 50                              | 32.30                        | 14.50 | 33.00       | 14.80 | 33.00       | 14.81 | 33.00       | 14.80 | 32.90       | 14.79 | 31.80       | 14.28 | 32.90       | 14.78 |
|        | 52                              | 29.80                        | 13.00 | 29.70       | 12.96 | 29.70       | 12.95 | 29.70       | 12.96 | 29.70       | 12.97 | 29.70       | 12.96 | 29.70       | 12.96 |
| 110    | 10                              | 29.60                        | 3.39  | 37.40       | 4.62  | 45.70       | 6.72  | 49.30       | 7.80  | 53.20       | 9.05  | 56.60       | 10.27 | 59.20       | 11.37 |
|        | 12                              | 29.60                        | 3.63  | 37.40       | 5.06  | 45.70       | 7.32  | 49.30       | 8.41  | 53.20       | 9.66  | 56.60       | 10.84 | 59.20       | 11.87 |
|        | 14                              | 29.60                        | 3.70  | 37.40       | 5.46  | 45.70       | 7.97  | 49.30       | 9.06  | 53.20       | 10.31 | 56.60       | 11.46 | 59.20       | 12.42 |
|        | 16                              | 29.60                        | 3.90  | 37.40       | 5.92  | 45.70       | 8.58  | 49.30       | 9.76  | 53.20       | 11.01 | 56.60       | 12.13 | 59.20       | 13.04 |
|        | 18                              | 29.60                        | 4.26  | 37.40       | 6.43  | 45.70       | 9.30  | 49.30       | 10.51 | 53.20       | 11.77 | 56.60       | 12.86 | 59.20       | 13.71 |
|        | 20                              | 29.60                        | 4.70  | 37.40       | 7.03  | 45.70       | 10.22 | 49.30       | 11.32 | 53.20       | 12.59 | 56.60       | 13.65 | 59.20       | 14.44 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 29.60                        | 4.93  | 37.40       | 7.37  | 45.70       | 10.63 | 49.30       | 11.75 | 53.20       | 13.02 | 56.60       | 14.07 | 59.20       | 14.84 |
|        | 23                               | 29.60                        | 5.48  | 37.40       | 8.16  | 45.70       | 11.51 | 49.30       | 12.66 | 53.20       | 13.94 | 56.60       | 14.80 | 59.20       | 15.35 |
|        | 25                               | 29.60                        | 6.15  | 37.40       | 9.00  | 45.70       | 12.19 | 49.30       | 13.41 | 53.20       | 14.47 | 56.60       | 15.25 | 59.10       | 15.70 |
|        | 27                               | 29.60                        | 6.90  | 37.40       | 9.62  | 45.70       | 12.99 | 49.30       | 13.99 | 53.20       | 15.02 | 56.60       | 15.76 | 58.50       | 16.07 |
|        | 29                               | 29.60                        | 7.49  | 37.40       | 10.21 | 45.70       | 13.61 | 49.30       | 14.62 | 53.20       | 15.63 | 56.60       | 16.33 | 57.90       | 16.53 |
|        | 31                               | 29.60                        | 7.94  | 37.40       | 10.96 | 45.70       | 14.27 | 49.30       | 15.29 | 53.20       | 16.31 | 56.50       | 16.95 | 57.30       | 17.07 |
|        | 33                               | 29.60                        | 8.52  | 37.40       | 11.72 | 45.70       | 14.99 | 49.30       | 16.03 | 53.20       | 17.06 | 55.80       | 17.57 | 56.60       | 17.70 |
|        | 35                               | 29.60                        | 9.08  | 37.40       | 12.57 | 45.70       | 15.76 | 49.30       | 16.84 | 53.20       | 17.90 | 55.00       | 18.27 | 55.80       | 18.41 |
|        | 37                               | 29.60                        | 9.83  | 37.40       | 13.36 | 45.70       | 16.59 | 49.30       | 17.73 | 53.20       | 18.86 | 54.30       | 19.05 | 55.00       | 19.20 |
|        | 39                               | 29.60                        | 10.45 | 37.40       | 14.23 | 45.70       | 17.52 | 49.30       | 18.75 | 52.40       | 19.73 | 53.40       | 19.92 | 54.20       | 20.08 |
|        | 41                               | 29.60                        | 11.10 | 37.40       | 15.17 | 45.70       | 18.55 | 49.30       | 19.91 | 49.60       | 20.03 | 49.50       | 20.02 | 49.50       | 20.03 |
|        | 43                               | 29.60                        | 11.80 | 37.40       | 15.35 | 45.70       | 18.76 | 45.70       | 18.76 | 45.70       | 18.75 | 45.70       | 18.77 | 45.70       | 18.76 |
|        | 46                               | 29.60                        | 12.51 | 37.40       | 15.80 | 40.00       | 16.92 | 40.00       | 16.91 | 40.00       | 16.92 | 40.00       | 16.92 | 40.00       | 16.92 |
|        | 48                               | 29.60                        | 13.00 | 36.40       | 15.99 | 36.40       | 15.98 | 36.40       | 15.98 | 36.40       | 15.99 | 36.40       | 15.98 | 36.40       | 15.98 |
|        | 50                               | 29.60                        | 13.29 | 33.00       | 14.82 | 33.00       | 14.80 | 33.00       | 14.80 | 32.90       | 14.78 | 32.90       | 14.78 | 32.90       | 14.79 |
|        | 52                               | 29.60                        | 12.91 | 29.90       | 13.03 | 29.70       | 12.95 | 29.70       | 12.95 | 29.70       | 12.97 | 29.20       | 12.72 | 29.70       | 12.96 |
| 100    | 10                               | 26.90                        | 3.09  | 34.00       | 4.01  | 41.60       | 5.55  | 44.80       | 6.43  | 48.40       | 7.55  | 51.40       | 8.47  | 53.90       | 9.27  |
|        | 12                               | 26.90                        | 3.17  | 34.00       | 4.39  | 41.60       | 6.07  | 44.80       | 7.01  | 48.40       | 8.15  | 51.40       | 9.08  | 53.90       | 9.87  |
|        | 14                               | 26.90                        | 3.27  | 34.00       | 4.57  | 41.60       | 6.64  | 44.80       | 7.64  | 48.40       | 8.79  | 51.40       | 9.74  | 53.90       | 10.52 |
|        | 16                               | 26.90                        | 3.34  | 34.00       | 4.98  | 41.60       | 7.18  | 44.80       | 8.33  | 48.40       | 9.49  | 51.40       | 10.44 | 53.90       | 11.22 |
|        | 18                               | 26.90                        | 3.63  | 34.00       | 5.44  | 41.60       | 7.82  | 44.80       | 8.96  | 48.40       | 10.24 | 51.40       | 11.20 | 53.90       | 11.97 |
|        | 20                               | 26.90                        | 4.02  | 34.00       | 5.97  | 41.60       | 8.55  | 44.80       | 9.77  | 48.40       | 11.05 | 51.40       | 12.02 | 53.90       | 12.79 |
|        | 21                               | 26.90                        | 4.23  | 34.00       | 6.23  | 41.60       | 8.96  | 44.80       | 10.22 | 48.40       | 11.47 | 51.40       | 12.45 | 53.90       | 13.22 |
|        | 23                               | 26.90                        | 4.72  | 34.00       | 6.93  | 41.60       | 9.91  | 44.80       | 11.07 | 48.40       | 12.37 | 51.40       | 13.37 | 53.90       | 14.12 |
|        | 25                               | 26.90                        | 5.25  | 34.00       | 7.74  | 41.60       | 10.56 | 44.80       | 11.78 | 48.40       | 13.16 | 51.40       | 14.01 | 53.90       | 14.62 |
|        | 27                               | 26.90                        | 5.95  | 34.00       | 8.38  | 41.60       | 11.24 | 44.80       | 12.71 | 48.40       | 13.75 | 51.40       | 14.58 | 53.90       | 15.17 |
|        | 29                               | 26.90                        | 6.64  | 34.00       | 8.97  | 41.60       | 11.98 | 44.80       | 13.33 | 48.40       | 14.37 | 51.40       | 15.20 | 53.90       | 15.78 |
|        | 31                               | 26.90                        | 7.05  | 34.00       | 9.55  | 41.60       | 12.99 | 44.80       | 13.98 | 48.40       | 15.05 | 51.40       | 15.87 | 53.90       | 16.45 |
|        | 33                               | 26.90                        | 7.54  | 34.00       | 10.21 | 41.60       | 13.67 | 44.80       | 14.69 | 48.40       | 15.78 | 51.40       | 16.62 | 53.90       | 17.20 |
|        | 35                               | 26.90                        | 8.05  | 34.00       | 11.04 | 41.60       | 14.39 | 44.80       | 15.45 | 48.40       | 16.58 | 51.40       | 17.45 | 53.90       | 18.04 |
|        | 37                               | 26.90                        | 8.60  | 34.00       | 11.73 | 41.60       | 15.16 | 44.80       | 16.27 | 48.40       | 17.46 | 51.40       | 18.39 | 53.50       | 18.91 |
|        | 39                               | 26.90                        | 9.31  | 34.00       | 12.47 | 41.60       | 16.00 | 44.80       | 17.17 | 48.40       | 18.45 | 51.40       | 19.46 | 52.70       | 19.77 |
|        | 41                               | 26.90                        | 9.89  | 34.00       | 13.27 | 41.60       | 16.90 | 44.80       | 18.17 | 48.40       | 19.57 | 49.60       | 20.02 | 49.60       | 20.03 |
|        | 43                               | 26.90                        | 10.51 | 34.00       | 13.95 | 41.60       | 17.07 | 44.80       | 18.39 | 45.70       | 18.77 | 45.70       | 18.75 | 45.70       | 18.75 |
|        | 46                               | 26.90                        | 11.37 | 34.00       | 14.36 | 40.00       | 16.92 | 40.00       | 16.91 | 40.00       | 16.92 | 40.00       | 16.92 | 40.00       | 16.90 |
|        | 48                               | 26.90                        | 11.82 | 34.00       | 14.93 | 36.40       | 16.01 | 36.40       | 16.00 | 36.40       | 15.98 | 36.40       | 15.98 | 36.40       | 15.98 |
|        | 50                               | 26.90                        | 12.08 | 33.00       | 14.82 | 33.00       | 14.82 | 33.00       | 14.81 | 33.00       | 14.80 | 33.00       | 14.80 | 33.00       | 14.79 |
|        | 52                               | 26.90                        | 11.74 | 29.80       | 12.98 | 29.10       | 12.69 | 29.70       | 12.96 | 29.70       | 12.95 | 29.70       | 12.95 | 29.70       | 12.94 |
| 90     | 10                               | 24.20                        | 2.65  | 30.60       | 3.52  | 37.40       | 4.63  | 40.30       | 5.24  | 43.50       | 6.07  | 46.30       | 6.90  | 48.50       | 7.57  |
|        | 12                               | 24.20                        | 2.78  | 30.60       | 3.83  | 37.40       | 5.07  | 40.30       | 5.74  | 43.50       | 6.63  | 46.30       | 7.51  | 48.50       | 8.17  |
|        | 14                               | 24.20                        | 2.84  | 30.60       | 3.87  | 37.40       | 5.47  | 40.30       | 6.28  | 43.50       | 7.24  | 46.30       | 8.17  | 48.50       | 8.82  |
|        | 16                               | 24.20                        | 2.90  | 30.60       | 4.12  | 37.40       | 5.92  | 40.30       | 6.88  | 43.50       | 7.90  | 46.30       | 8.77  | 48.50       | 9.52  |
|        | 18                               | 24.20                        | 3.05  | 30.60       | 4.53  | 37.40       | 6.44  | 40.30       | 7.38  | 43.50       | 8.45  | 46.30       | 9.50  | 48.50       | 10.26 |
|        | 20                               | 24.20                        | 3.41  | 30.60       | 4.96  | 37.40       | 7.07  | 40.30       | 8.08  | 43.50       | 9.23  | 46.30       | 10.40 | 48.50       | 11.07 |
|        | 21                               | 24.20                        | 3.59  | 30.60       | 5.23  | 37.40       | 7.38  | 40.30       | 8.47  | 43.50       | 9.71  | 46.30       | 10.81 | 48.50       | 11.50 |
|        | 23                               | 24.20                        | 3.98  | 30.60       | 5.80  | 37.40       | 8.17  | 40.30       | 9.41  | 43.50       | 10.58 | 46.30       | 11.69 | 48.50       | 12.40 |
|        | 25                               | 24.20                        | 4.48  | 30.60       | 6.46  | 37.40       | 9.02  | 40.30       | 10.04 | 43.50       | 11.26 | 46.30       | 12.40 | 48.50       | 13.18 |
|        | 27                               | 24.20                        | 5.03  | 30.60       | 7.29  | 37.40       | 9.63  | 40.30       | 10.70 | 43.50       | 12.04 | 46.30       | 13.15 | 48.50       | 13.77 |
|        | 29                               | 24.20                        | 5.73  | 30.60       | 7.76  | 37.40       | 10.28 | 40.30       | 11.47 | 43.50       | 12.95 | 46.30       | 13.78 | 48.50       | 14.39 |
|        | 31                               | 24.20                        | 6.22  | 30.60       | 8.28  | 37.40       | 10.99 | 40.30       | 12.42 | 43.50       | 13.61 | 46.30       | 14.44 | 48.50       | 15.07 |
|        | 33                               | 24.20                        | 6.67  | 30.60       | 8.88  | 37.40       | 11.86 | 40.30       | 13.18 | 43.50       | 14.30 | 46.30       | 15.16 | 48.50       | 15.80 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 24.20                        | 7.10  | 30.60       | 9.46  | 37.40       | 12.59 | 40.30       | 13.96 | 43.50       | 15.04 | 46.30       | 15.93 | 48.50       | 16.60 |
|        | 37                              | 24.20                        | 7.58  | 30.60       | 10.24 | 37.40       | 13.39 | 40.30       | 14.71 | 43.50       | 15.85 | 46.30       | 16.78 | 48.50       | 17.48 |
|        | 39                              | 24.20                        | 8.11  | 30.60       | 10.88 | 37.40       | 14.25 | 40.30       | 15.52 | 43.50       | 16.72 | 46.30       | 17.72 | 48.50       | 18.48 |
|        | 41                              | 24.20                        | 8.65  | 30.60       | 11.56 | 37.40       | 15.20 | 40.30       | 16.40 | 43.50       | 17.68 | 46.30       | 18.77 | 48.50       | 19.60 |
|        | 43                              | 24.20                        | 9.31  | 30.60       | 12.30 | 37.40       | 15.36 | 40.30       | 16.55 | 43.50       | 17.88 | 45.70       | 18.78 | 45.70       | 18.78 |
|        | 46                              | 24.20                        | 10.19 | 30.60       | 12.93 | 37.40       | 15.82 | 40.10       | 16.94 | 40.10       | 16.93 | 40.00       | 16.92 | 40.00       | 16.93 |
|        | 48                              | 24.20                        | 10.64 | 30.60       | 13.43 | 36.50       | 16.02 | 36.40       | 16.01 | 36.40       | 15.99 | 36.40       | 15.99 | 36.40       | 15.99 |
|        | 50                              | 24.20                        | 10.88 | 30.60       | 13.73 | 33.00       | 14.82 | 33.00       | 14.82 | 33.00       | 14.80 | 33.00       | 14.80 | 33.00       | 14.80 |
|        | 52                              | 24.20                        | 10.56 | 29.80       | 12.99 | 29.80       | 12.99 | 29.80       | 12.98 | 29.70       | 12.97 | 29.70       | 12.97 | 29.70       | 12.97 |
| 80     | 10                              | 21.50                        | 2.17  | 27.20       | 3.12  | 33.30       | 3.90  | 35.80       | 4.32  | 38.70       | 4.89  | 41.20       | 5.45  | 43.10       | 5.94  |
|        | 12                              | 21.50                        | 2.42  | 27.20       | 3.24  | 33.30       | 4.26  | 35.80       | 4.73  | 38.70       | 5.35  | 41.20       | 5.96  | 43.10       | 6.49  |
|        | 14                              | 21.50                        | 2.48  | 27.20       | 3.30  | 33.30       | 4.39  | 35.80       | 5.06  | 38.70       | 5.86  | 41.20       | 6.52  | 43.10       | 7.09  |
|        | 16                              | 21.50                        | 2.53  | 27.20       | 3.36  | 33.30       | 4.79  | 35.80       | 5.50  | 38.70       | 6.32  | 41.20       | 7.06  | 43.10       | 7.74  |
|        | 18                              | 21.50                        | 2.59  | 27.20       | 3.70  | 33.30       | 5.25  | 35.80       | 5.98  | 38.70       | 6.86  | 41.20       | 7.68  | 43.10       | 8.31  |
|        | 20                              | 21.50                        | 2.85  | 27.20       | 4.08  | 33.30       | 5.75  | 35.80       | 6.55  | 38.70       | 7.53  | 41.20       | 8.36  | 43.10       | 9.08  |
|        | 21                              | 21.50                        | 3.00  | 27.20       | 4.28  | 33.30       | 6.02  | 35.80       | 6.89  | 38.70       | 7.84  | 41.20       | 8.77  | 43.10       | 9.50  |
|        | 23                              | 21.50                        | 3.34  | 27.20       | 4.77  | 33.30       | 6.70  | 35.80       | 7.58  | 38.70       | 8.68  | 41.20       | 9.75  | 43.10       | 10.53 |
|        | 25                              | 21.50                        | 3.75  | 27.20       | 5.34  | 33.30       | 7.44  | 35.80       | 8.45  | 38.70       | 9.50  | 41.20       | 10.36 | 43.10       | 11.10 |
|        | 27                              | 21.50                        | 4.22  | 27.20       | 6.02  | 33.30       | 8.16  | 35.80       | 9.08  | 38.70       | 10.09 | 41.20       | 11.05 | 43.10       | 11.83 |
|        | 29                              | 21.50                        | 4.84  | 27.20       | 6.69  | 33.30       | 8.70  | 35.80       | 9.66  | 38.70       | 10.77 | 41.20       | 11.83 | 43.10       | 12.66 |
|        | 31                              | 21.50                        | 5.44  | 27.20       | 7.15  | 33.30       | 9.32  | 35.80       | 10.32 | 38.70       | 11.56 | 41.20       | 12.81 | 43.10       | 13.46 |
|        | 33                              | 21.50                        | 5.81  | 27.20       | 7.64  | 33.30       | 9.97  | 35.80       | 11.04 | 38.70       | 12.43 | 41.20       | 13.53 | 43.10       | 14.15 |
|        | 35                              | 21.50                        | 6.19  | 27.20       | 8.16  | 33.30       | 10.74 | 35.80       | 11.86 | 38.70       | 13.21 | 41.20       | 14.25 | 43.10       | 14.89 |
|        | 37                              | 21.50                        | 6.63  | 27.20       | 8.71  | 33.30       | 11.41 | 35.80       | 12.60 | 38.70       | 14.05 | 41.20       | 15.02 | 43.10       | 15.69 |
|        | 39                              | 21.50                        | 7.06  | 27.20       | 9.42  | 33.30       | 12.12 | 35.80       | 13.40 | 38.70       | 14.92 | 41.20       | 15.84 | 43.10       | 16.55 |
|        | 41                              | 21.50                        | 7.55  | 27.20       | 10.01 | 33.30       | 12.90 | 35.80       | 14.28 | 38.70       | 15.76 | 41.20       | 16.74 | 43.10       | 17.50 |
|        | 43                              | 21.50                        | 8.07  | 27.20       | 10.63 | 33.30       | 13.74 | 35.80       | 14.71 | 38.70       | 15.89 | 41.20       | 16.90 | 43.10       | 17.69 |
|        | 46                              | 21.50                        | 8.97  | 27.20       | 11.49 | 33.30       | 14.06 | 35.80       | 15.14 | 38.70       | 16.36 | 40.00       | 16.91 | 40.00       | 16.92 |
|        | 48                              | 21.50                        | 9.53  | 27.20       | 11.94 | 33.30       | 14.61 | 35.80       | 15.74 | 36.40       | 16.01 | 36.40       | 15.99 | 36.40       | 15.99 |
|        | 50                              | 21.50                        | 10.13 | 27.20       | 12.21 | 33.00       | 14.82 | 33.00       | 14.80 | 33.00       | 14.82 | 33.00       | 14.81 | 33.00       | 14.81 |
|        | 52                              | 21.50                        | 10.77 | 27.20       | 11.86 | 29.70       | 12.97 | 29.70       | 12.96 | 29.80       | 12.98 | 29.70       | 12.97 | 29.70       | 12.97 |
| 70     | 10                              | 18.80                        | 1.79  | 23.80       | 2.57  | 29.10       | 3.33  | 31.30       | 3.62  | 33.90       | 3.99  | 36.00       | 4.36  | 37.70       | 4.68  |
|        | 12                              | 18.80                        | 2.09  | 23.80       | 2.72  | 29.10       | 3.54  | 31.30       | 3.94  | 33.90       | 4.36  | 36.00       | 4.77  | 37.70       | 5.13  |
|        | 14                              | 18.80                        | 2.14  | 23.80       | 2.78  | 29.10       | 3.63  | 31.30       | 4.01  | 33.90       | 4.51  | 36.00       | 5.11  | 37.70       | 5.61  |
|        | 16                              | 18.80                        | 2.16  | 23.80       | 2.84  | 29.10       | 3.77  | 31.30       | 4.30  | 33.90       | 4.94  | 36.00       | 5.51  | 37.70       | 6.03  |
|        | 18                              | 18.80                        | 2.21  | 23.80       | 2.97  | 29.10       | 4.16  | 31.30       | 4.72  | 33.90       | 5.41  | 36.00       | 6.04  | 37.70       | 6.54  |
|        | 20                              | 18.80                        | 2.35  | 23.80       | 3.29  | 29.10       | 4.56  | 31.30       | 5.20  | 33.90       | 5.92  | 36.00       | 6.61  | 37.70       | 7.14  |
|        | 21                              | 18.80                        | 2.48  | 23.80       | 3.45  | 29.10       | 4.81  | 31.30       | 5.45  | 33.90       | 6.24  | 36.00       | 6.94  | 37.70       | 7.49  |
|        | 23                              | 18.80                        | 2.74  | 23.80       | 3.88  | 29.10       | 5.36  | 31.30       | 6.03  | 33.90       | 6.89  | 36.00       | 7.65  | 37.70       | 8.30  |
|        | 25                              | 18.80                        | 3.09  | 23.80       | 4.33  | 29.10       | 5.98  | 31.30       | 6.76  | 33.90       | 7.70  | 36.00       | 8.52  | 37.70       | 9.12  |
|        | 27                              | 18.80                        | 3.49  | 23.80       | 4.91  | 29.10       | 6.71  | 31.30       | 7.53  | 33.90       | 8.39  | 36.00       | 9.08  | 37.70       | 9.69  |
|        | 29                              | 18.80                        | 3.99  | 23.80       | 5.59  | 29.10       | 7.32  | 31.30       | 8.04  | 33.90       | 8.93  | 36.00       | 9.72  | 37.70       | 10.35 |
|        | 31                              | 18.80                        | 4.61  | 23.80       | 6.11  | 29.10       | 7.77  | 31.30       | 8.56  | 33.90       | 9.51  | 36.00       | 10.38 | 37.70       | 11.11 |
|        | 33                              | 18.80                        | 5.04  | 23.80       | 6.50  | 29.10       | 8.34  | 31.30       | 9.17  | 33.90       | 10.18 | 36.00       | 11.10 | 37.70       | 11.98 |
|        | 35                              | 18.80                        | 5.39  | 23.80       | 6.92  | 29.10       | 8.89  | 31.30       | 9.83  | 33.90       | 10.99 | 36.00       | 11.94 | 37.70       | 12.72 |
|        | 37                              | 18.80                        | 5.76  | 23.80       | 7.40  | 29.10       | 9.63  | 31.30       | 10.56 | 33.90       | 11.68 | 36.00       | 12.69 | 37.70       | 13.52 |
|        | 39                              | 18.80                        | 6.13  | 23.80       | 7.92  | 29.10       | 10.23 | 31.30       | 11.22 | 33.90       | 12.42 | 36.00       | 13.50 | 37.70       | 14.40 |
|        | 41                              | 18.80                        | 6.53  | 23.80       | 8.45  | 29.10       | 10.87 | 31.30       | 11.93 | 33.90       | 13.21 | 36.00       | 14.38 | 37.70       | 15.36 |
|        | 43                              | 18.80                        | 7.00  | 23.80       | 9.12  | 29.10       | 11.56 | 31.30       | 12.70 | 33.90       | 13.90 | 36.00       | 14.79 | 37.70       | 15.48 |
|        | 46                              | 18.80                        | 7.74  | 23.80       | 9.99  | 29.10       | 12.30 | 31.30       | 13.25 | 33.90       | 14.31 | 36.00       | 15.22 | 37.70       | 15.93 |
|        | 48                              | 18.80                        | 8.32  | 23.80       | 10.45 | 29.10       | 12.78 | 31.30       | 13.77 | 33.90       | 14.88 | 36.00       | 15.82 | 36.40       | 16.01 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 18.80                        | 8.84 | 23.80       | 10.68 | 29.10       | 13.07 | 31.30       | 14.07 | 33.00       | 14.83 | 33.00       | 14.83 | 33.00       | 14.82 |
|        | 52                               | 18.80                        | 9.39 | 23.80       | 10.37 | 29.10       | 12.69 | 29.80       | 12.98 | 29.70       | 12.97 | 29.80       | 12.98 | 29.70       | 12.97 |
| 60     | 10                               | 16.10                        | 1.49 | 20.40       | 2.00  | 24.90       | 2.80  | 26.90       | 3.09  | 29.00       | 3.32  | 30.90       | 3.55  | 32.30       | 3.75  |
|        | 12                               | 16.10                        | 1.82 | 20.40       | 2.29  | 24.90       | 2.91  | 26.90       | 3.16  | 29.00       | 3.54  | 30.90       | 3.87  | 32.30       | 4.10  |
|        | 14                               | 16.10                        | 1.84 | 20.40       | 2.32  | 24.90       | 2.97  | 26.90       | 3.26  | 29.00       | 3.60  | 30.90       | 3.96  | 32.30       | 4.20  |
|        | 16                               | 16.10                        | 1.87 | 20.40       | 2.37  | 24.90       | 3.03  | 26.90       | 3.33  | 29.00       | 3.77  | 30.90       | 4.18  | 32.30       | 4.55  |
|        | 18                               | 16.10                        | 1.91 | 20.40       | 2.41  | 24.90       | 3.21  | 26.90       | 3.62  | 29.00       | 4.12  | 30.90       | 4.59  | 32.30       | 4.98  |
|        | 20                               | 16.10                        | 1.93 | 20.40       | 2.62  | 24.90       | 3.54  | 26.90       | 4.02  | 29.00       | 4.55  | 30.90       | 5.06  | 32.30       | 5.48  |
|        | 21                               | 16.10                        | 2.03 | 20.40       | 2.76  | 24.90       | 3.76  | 26.90       | 4.22  | 29.00       | 4.78  | 30.90       | 5.31  | 32.30       | 5.72  |
|        | 23                               | 16.10                        | 2.23 | 20.40       | 3.09  | 24.90       | 4.18  | 26.90       | 4.71  | 29.00       | 5.31  | 30.90       | 5.88  | 32.30       | 6.38  |
|        | 25                               | 16.10                        | 2.52 | 20.40       | 3.46  | 24.90       | 4.69  | 26.90       | 5.24  | 29.00       | 5.94  | 30.90       | 6.60  | 32.30       | 7.10  |
|        | 27                               | 16.10                        | 2.87 | 20.40       | 3.91  | 24.90       | 5.27  | 26.90       | 5.94  | 29.00       | 6.71  | 30.90       | 7.39  | 32.30       | 7.86  |
|        | 29                               | 16.10                        | 3.26 | 20.40       | 4.45  | 24.90       | 5.98  | 26.90       | 6.63  | 29.00       | 7.27  | 30.90       | 7.89  | 32.30       | 8.39  |
|        | 31                               | 16.10                        | 3.76 | 20.40       | 5.13  | 24.90       | 6.48  | 26.90       | 7.04  | 29.00       | 7.77  | 30.90       | 8.42  | 32.30       | 8.93  |
|        | 33                               | 16.10                        | 4.34 | 20.40       | 5.49  | 24.90       | 6.89  | 26.90       | 7.53  | 29.00       | 8.30  | 30.90       | 9.02  | 32.30       | 9.57  |
|        | 35                               | 16.10                        | 4.64 | 20.40       | 5.82  | 24.90       | 7.37  | 26.90       | 8.04  | 29.00       | 8.85  | 30.90       | 9.62  | 32.30       | 10.34 |
|        | 37                               | 16.10                        | 4.93 | 20.40       | 6.24  | 24.90       | 7.88  | 26.90       | 8.58  | 29.00       | 9.48  | 30.90       | 10.36 | 32.30       | 10.98 |
|        | 39                               | 16.10                        | 5.26 | 20.40       | 6.65  | 24.90       | 8.41  | 26.90       | 9.29  | 29.00       | 10.19 | 30.90       | 11.01 | 32.30       | 11.67 |
|        | 41                               | 16.10                        | 5.62 | 20.40       | 7.13  | 24.90       | 9.06  | 26.90       | 9.87  | 29.00       | 10.83 | 30.90       | 11.70 | 32.30       | 12.41 |
|        | 43                               | 16.10                        | 6.00 | 20.40       | 7.57  | 24.90       | 9.62  | 26.90       | 10.49 | 29.00       | 11.52 | 30.90       | 12.45 | 32.30       | 13.21 |
|        | 46                               | 16.10                        | 6.62 | 20.40       | 8.47  | 24.90       | 10.54 | 26.90       | 11.36 | 29.00       | 12.27 | 30.90       | 13.05 | 32.30       | 13.65 |
|        | 48                               | 16.10                        | 7.04 | 20.40       | 9.00  | 24.90       | 10.96 | 26.90       | 11.80 | 29.00       | 12.75 | 30.90       | 13.56 | 32.30       | 14.19 |
|        | 50                               | 16.10                        | 7.65 | 20.40       | 9.57  | 24.90       | 11.20 | 26.90       | 12.06 | 29.00       | 13.03 | 30.90       | 13.86 | 32.30       | 14.51 |
|        | 52                               | 16.10                        | 8.13 | 20.40       | 10.17 | 24.90       | 10.88 | 26.90       | 11.72 | 29.00       | 12.66 | 29.80       | 12.99 | 29.80       | 12.99 |
| 50     | 10                               | 13.50                        | 1.25 | 17.00       | 1.57  | 20.80       | 2.06  | 22.40       | 2.31  | 24.20       | 2.64  | 25.70       | 2.97  | 26.90       | 3.09  |
|        | 12                               | 13.50                        | 1.55 | 17.00       | 1.90  | 20.80       | 2.34  | 22.40       | 2.52  | 24.20       | 2.78  | 25.70       | 3.02  | 26.90       | 3.21  |
|        | 14                               | 13.50                        | 1.57 | 17.00       | 1.92  | 20.80       | 2.37  | 22.40       | 2.58  | 24.20       | 2.84  | 25.70       | 3.08  | 26.90       | 3.27  |
|        | 16                               | 13.50                        | 1.59 | 17.00       | 1.95  | 20.80       | 2.41  | 22.40       | 2.63  | 24.20       | 2.90  | 25.70       | 3.14  | 26.90       | 3.34  |
|        | 18                               | 13.50                        | 1.63 | 17.00       | 1.99  | 20.80       | 2.47  | 22.40       | 2.69  | 24.20       | 3.05  | 25.70       | 3.37  | 26.90       | 3.63  |
|        | 20                               | 13.50                        | 1.65 | 17.00       | 2.02  | 20.80       | 2.69  | 22.40       | 3.00  | 24.20       | 3.37  | 25.70       | 3.72  | 26.90       | 4.03  |
|        | 21                               | 13.50                        | 1.65 | 17.00       | 2.14  | 20.80       | 2.84  | 22.40       | 3.16  | 24.20       | 3.54  | 25.70       | 3.94  | 26.90       | 4.23  |
|        | 23                               | 13.50                        | 1.82 | 17.00       | 2.39  | 20.80       | 3.17  | 22.40       | 3.52  | 24.20       | 3.97  | 25.70       | 4.37  | 26.90       | 4.72  |
|        | 25                               | 13.50                        | 2.03 | 17.00       | 2.67  | 20.80       | 3.55  | 22.40       | 3.98  | 24.20       | 4.43  | 25.70       | 4.91  | 26.90       | 5.29  |
|        | 27                               | 13.50                        | 2.29 | 17.00       | 3.04  | 20.80       | 4.02  | 22.40       | 4.48  | 24.20       | 5.02  | 25.70       | 5.54  | 26.90       | 5.96  |
|        | 29                               | 13.50                        | 2.63 | 17.00       | 3.47  | 20.80       | 4.60  | 22.40       | 5.12  | 24.20       | 5.71  | 25.70       | 6.28  | 26.90       | 6.64  |
|        | 31                               | 13.50                        | 3.02 | 17.00       | 4.01  | 20.80       | 5.25  | 22.40       | 5.71  | 24.20       | 6.22  | 25.70       | 6.69  | 26.90       | 7.06  |
|        | 33                               | 13.50                        | 3.54 | 17.00       | 4.53  | 20.80       | 5.59  | 22.40       | 6.09  | 24.20       | 6.61  | 25.70       | 7.16  | 26.90       | 7.55  |
|        | 35                               | 13.50                        | 3.96 | 17.00       | 4.86  | 20.80       | 5.97  | 22.40       | 6.48  | 24.20       | 7.08  | 25.70       | 7.65  | 26.90       | 8.06  |
|        | 37                               | 13.50                        | 4.21 | 17.00       | 5.15  | 20.80       | 6.36  | 22.40       | 6.90  | 24.20       | 7.57  | 25.70       | 8.17  | 26.90       | 8.60  |
|        | 39                               | 13.50                        | 4.46 | 17.00       | 5.50  | 20.80       | 6.82  | 22.40       | 7.38  | 24.20       | 8.09  | 25.70       | 8.72  | 26.90       | 9.31  |
|        | 41                               | 13.50                        | 4.74 | 17.00       | 5.87  | 20.80       | 7.24  | 22.40       | 7.90  | 24.20       | 8.63  | 25.70       | 9.38  | 26.90       | 9.89  |
|        | 43                               | 13.50                        | 5.08 | 17.00       | 6.25  | 20.80       | 7.75  | 22.40       | 8.54  | 24.20       | 9.29  | 25.70       | 9.97  | 26.90       | 10.51 |
|        | 46                               | 13.50                        | 5.59 | 17.00       | 6.95  | 20.80       | 8.64  | 22.40       | 9.35  | 24.20       | 10.18 | 25.70       | 10.92 | 26.90       | 11.38 |
|        | 48                               | 13.50                        | 5.97 | 17.00       | 7.38  | 20.80       | 9.19  | 22.40       | 9.83  | 24.20       | 10.63 | 25.70       | 11.30 | 26.90       | 11.83 |
|        | 50                               | 13.50                        | 6.55 | 17.00       | 8.01  | 20.80       | 9.76  | 22.40       | 10.56 | 24.20       | 10.86 | 25.70       | 11.55 | 26.90       | 12.09 |
|        | 52                               | 13.50                        | 6.97 | 17.00       | 8.52  | 20.80       | 10.38 | 22.40       | 11.09 | 24.20       | 10.55 | 25.70       | 11.22 | 26.90       | 11.74 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM180LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 39.40                        | 3.81  | 49.70       | 5.05  | 60.80       | 7.05  | 65.50       | 8.13  | 70.80       | 9.55  | 75.20       | 10.94 | 78.80       | 12.15 |
|        | 12                         | 39.40                        | 4.13  | 49.70       | 5.56  | 60.80       | 7.78  | 65.50       | 8.98  | 70.80       | 10.52 | 75.20       | 12.01 | 78.80       | 12.96 |
|        | 14                         | 39.40                        | 4.34  | 49.70       | 5.95  | 60.80       | 8.59  | 65.50       | 9.90  | 70.80       | 11.45 | 75.20       | 12.80 | 78.80       | 13.99 |
|        | 16                         | 39.40                        | 4.44  | 49.70       | 6.56  | 60.80       | 9.35  | 65.50       | 10.71 | 70.80       | 12.37 | 75.20       | 13.80 | 78.80       | 15.07 |
|        | 18                         | 39.40                        | 4.90  | 49.70       | 7.18  | 60.80       | 10.20 | 65.50       | 11.64 | 70.80       | 13.42 | 75.20       | 15.03 | 78.80       | 16.39 |
|        | 20                         | 39.40                        | 5.41  | 49.70       | 7.85  | 60.80       | 11.16 | 65.50       | 12.79 | 70.80       | 14.70 | 75.20       | 16.26 | 78.80       | 17.51 |
|        | 21                         | 39.40                        | 5.69  | 49.70       | 8.30  | 60.80       | 11.73 | 65.50       | 13.34 | 70.80       | 15.16 | 75.20       | 16.77 | 78.80       | 18.05 |
|        | 23                         | 39.40                        | 6.31  | 49.70       | 9.12  | 60.80       | 12.83 | 65.50       | 14.37 | 70.80       | 16.25 | 75.20       | 17.85 | 78.80       | 19.29 |
|        | 25                         | 39.40                        | 7.01  | 49.70       | 10.13 | 60.80       | 13.74 | 65.50       | 15.36 | 70.80       | 17.33 | 75.20       | 19.24 | 78.80       | 20.30 |
|        | 27                         | 39.40                        | 7.81  | 49.70       | 10.93 | 60.80       | 14.61 | 65.50       | 16.39 | 70.80       | 18.57 | 75.20       | 20.29 | 78.80       | 21.40 |
|        | 29                         | 39.40                        | 8.55  | 49.70       | 11.65 | 60.80       | 15.76 | 65.50       | 17.76 | 70.80       | 19.93 | 75.20       | 21.43 | 78.80       | 22.60 |
|        | 31                         | 39.40                        | 9.11  | 49.70       | 12.42 | 60.80       | 16.80 | 65.50       | 18.95 | 70.80       | 21.08 | 75.20       | 22.67 | 78.80       | 23.91 |
|        | 33                         | 39.40                        | 9.71  | 49.70       | 13.24 | 60.80       | 17.93 | 65.50       | 20.26 | 70.80       | 22.32 | 75.20       | 24.03 | 76.40       | 24.46 |
|        | 35                         | 39.40                        | 10.35 | 49.70       | 14.12 | 60.80       | 19.17 | 65.50       | 21.58 | 70.80       | 23.68 | 71.10       | 23.82 | 71.00       | 23.79 |
|        | 37                         | 39.40                        | 11.04 | 49.70       | 15.07 | 60.80       | 20.52 | 65.50       | 22.90 | 65.90       | 23.08 | 65.90       | 23.07 | 65.90       | 23.08 |
|        | 39                         | 39.40                        | 11.77 | 49.70       | 16.08 | 60.80       | 22.02 | 60.90       | 22.06 | 60.90       | 22.11 | 60.90       | 22.08 | 60.90       | 22.07 |
|        | 41                         | 39.40                        | 12.55 | 49.70       | 17.17 | 56.00       | 20.27 | 56.10       | 20.30 | 56.10       | 20.28 | 56.00       | 20.26 | 56.10       | 20.28 |
|        | 43                         | 39.40                        | 13.38 | 49.70       | 18.36 | 51.40       | 18.87 | 51.40       | 18.86 | 51.40       | 18.87 | 51.40       | 18.84 | 51.40       | 18.85 |
|        | 46                         | 39.40                        | 14.75 | 44.90       | 17.09 | 44.90       | 17.09 | 44.80       | 17.07 | 44.90       | 17.08 | 44.80       | 17.06 | 44.80       | 17.06 |
|        | 48                         | 39.40                        | 15.74 | 40.80       | 16.27 | 40.80       | 16.28 | 40.80       | 16.28 | 40.80       | 16.27 | 40.70       | 16.26 | 40.80       | 16.27 |
|        | 50                         | 37.00                        | 15.33 | 36.90       | 15.32 | 36.90       | 15.30 | 36.90       | 15.29 | 36.80       | 15.28 | 36.90       | 15.28 | 36.90       | 15.30 |
|        | 52                         | 33.30                        | 13.75 | 33.20       | 13.72 | 33.20       | 13.71 | 33.30       | 13.73 | 33.20       | 13.71 | 33.20       | 13.72 | 33.30       | 13.72 |
| 120    | 10                         | 36.30                        | 3.54  | 45.90       | 4.53  | 56.10       | 6.11  | 60.50       | 6.97  | 65.30       | 8.09  | 69.50       | 9.18  | 72.70       | 10.13 |
|        | 12                         | 36.30                        | 3.82  | 45.90       | 4.96  | 56.10       | 6.75  | 60.50       | 7.70  | 65.30       | 8.93  | 69.50       | 10.12 | 72.70       | 11.14 |
|        | 14                         | 36.30                        | 3.97  | 45.90       | 5.28  | 56.10       | 7.45  | 60.50       | 8.50  | 65.30       | 9.85  | 69.50       | 11.14 | 72.70       | 12.04 |
|        | 16                         | 36.30                        | 4.06  | 45.90       | 5.72  | 56.10       | 8.08  | 60.50       | 9.25  | 65.30       | 10.63 | 69.50       | 11.94 | 72.70       | 13.00 |
|        | 18                         | 36.30                        | 4.32  | 45.90       | 6.27  | 56.10       | 8.86  | 60.50       | 10.10 | 65.30       | 11.57 | 69.50       | 12.96 | 72.70       | 14.09 |
|        | 20                         | 36.30                        | 4.78  | 45.90       | 6.90  | 56.10       | 9.73  | 60.50       | 11.05 | 65.30       | 12.70 | 69.50       | 14.20 | 72.70       | 15.38 |
|        | 21                         | 36.30                        | 5.02  | 45.90       | 7.23  | 56.10       | 10.16 | 60.50       | 11.61 | 65.30       | 13.24 | 69.50       | 14.79 | 72.70       | 15.87 |
|        | 23                         | 36.30                        | 5.58  | 45.90       | 8.04  | 56.10       | 11.21 | 60.50       | 12.72 | 65.30       | 14.29 | 69.50       | 15.79 | 72.70       | 16.91 |
|        | 25                         | 36.30                        | 6.22  | 45.90       | 8.89  | 56.10       | 12.26 | 60.50       | 13.75 | 65.30       | 15.27 | 69.50       | 16.84 | 72.70       | 18.11 |
|        | 27                         | 36.30                        | 6.96  | 45.90       | 9.78  | 56.10       | 13.07 | 60.50       | 14.49 | 65.30       | 16.31 | 69.50       | 17.96 | 72.70       | 19.49 |
|        | 29                         | 36.30                        | 7.76  | 45.90       | 10.43 | 56.10       | 13.93 | 60.50       | 15.61 | 65.30       | 17.68 | 69.50       | 19.50 | 72.70       | 20.58 |
|        | 31                         | 36.30                        | 8.26  | 45.90       | 11.12 | 56.10       | 14.85 | 60.50       | 16.65 | 65.30       | 18.87 | 69.50       | 20.62 | 72.70       | 21.76 |
|        | 33                         | 36.30                        | 8.80  | 45.90       | 11.85 | 56.10       | 15.83 | 60.50       | 17.77 | 65.30       | 20.17 | 69.50       | 21.83 | 72.70       | 23.05 |
|        | 35                         | 36.30                        | 9.38  | 45.90       | 12.64 | 56.10       | 16.90 | 60.50       | 18.98 | 65.30       | 21.51 | 69.50       | 23.15 | 71.10       | 23.83 |
|        | 37                         | 36.30                        | 10.00 | 45.90       | 13.48 | 56.10       | 18.05 | 60.50       | 20.32 | 65.30       | 22.82 | 65.90       | 23.09 | 65.90       | 23.06 |
|        | 39                         | 36.30                        | 10.67 | 45.90       | 14.38 | 56.10       | 19.31 | 60.50       | 21.80 | 61.00       | 22.11 | 60.90       | 22.09 | 60.90       | 22.10 |
|        | 41                         | 36.30                        | 11.37 | 45.90       | 15.34 | 56.10       | 20.29 | 56.10       | 20.29 | 56.00       | 20.27 | 56.10       | 20.29 | 56.10       | 20.28 |
|        | 43                         | 36.30                        | 12.13 | 45.90       | 16.38 | 51.50       | 18.90 | 51.50       | 18.88 | 51.40       | 18.87 | 51.40       | 18.85 | 51.40       | 18.87 |
|        | 46                         | 36.30                        | 13.36 | 44.90       | 17.09 | 44.90       | 17.09 | 44.90       | 17.09 | 44.80       | 17.07 | 44.80       | 17.06 | 44.80       | 17.06 |
|        | 48                         | 36.30                        | 14.26 | 40.80       | 16.28 | 40.80       | 16.28 | 40.80       | 16.29 | 40.70       | 16.27 | 40.70       | 16.26 | 40.70       | 16.25 |
|        | 50                         | 36.30                        | 15.22 | 37.00       | 15.33 | 36.90       | 15.29 | 36.90       | 15.30 | 36.90       | 15.31 | 36.70       | 15.21 | 36.90       | 15.29 |
|        | 52                         | 33.30                        | 13.75 | 33.30       | 13.74 | 33.20       | 13.72 | 33.20       | 13.72 | 33.30       | 13.73 | 33.30       | 13.73 | 33.20       | 13.71 |
| 110    | 10                         | 33.30                        | 3.31  | 42.10       | 4.09  | 51.50       | 5.32  | 55.40       | 5.98  | 59.90       | 6.85  | 63.70       | 7.69  | 66.60       | 8.42  |
|        | 12                         | 33.30                        | 3.54  | 42.10       | 4.45  | 51.50       | 5.86  | 55.40       | 6.60  | 59.90       | 7.56  | 63.70       | 8.49  | 66.60       | 9.29  |
|        | 14                         | 33.30                        | 3.62  | 42.10       | 4.73  | 51.50       | 6.34  | 55.40       | 7.29  | 59.90       | 8.35  | 63.70       | 9.37  | 66.60       | 10.24 |
|        | 16                         | 33.30                        | 3.66  | 42.10       | 4.96  | 51.50       | 6.98  | 55.40       | 7.91  | 59.90       | 9.08  | 63.70       | 10.21 | 66.60       | 11.10 |
|        | 18                         | 33.30                        | 3.83  | 42.10       | 5.46  | 51.50       | 7.61  | 55.40       | 8.68  | 59.90       | 9.91  | 63.70       | 11.11 | 66.60       | 12.07 |
|        | 20                         | 33.30                        | 4.19  | 42.10       | 6.01  | 51.50       | 8.39  | 55.40       | 9.53  | 59.90       | 10.85 | 63.70       | 12.13 | 66.60       | 13.16 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 33.30                        | 4.42  | 42.10       | 6.31  | 51.50       | 8.78  | 55.40       | 9.95  | 59.90       | 11.41 | 63.70       | 12.66 | 66.60       | 13.79 |
|        | 23                               | 33.30                        | 4.91  | 42.10       | 6.98  | 51.50       | 9.71  | 55.40       | 10.98 | 59.90       | 12.54 | 63.70       | 13.77 | 66.60       | 14.80 |
|        | 25                               | 33.30                        | 5.49  | 42.10       | 7.74  | 51.50       | 10.78 | 55.40       | 12.03 | 59.90       | 13.35 | 63.70       | 14.71 | 66.60       | 15.80 |
|        | 27                               | 33.30                        | 6.09  | 42.10       | 8.72  | 51.50       | 11.49 | 55.40       | 12.82 | 59.90       | 14.43 | 63.70       | 15.72 | 66.60       | 16.86 |
|        | 29                               | 33.30                        | 6.85  | 42.10       | 9.29  | 51.50       | 12.25 | 55.40       | 13.66 | 59.90       | 15.38 | 63.70       | 16.96 | 66.60       | 18.09 |
|        | 31                               | 33.30                        | 7.47  | 42.10       | 9.91  | 51.50       | 13.06 | 55.40       | 14.56 | 59.90       | 16.39 | 63.70       | 18.09 | 66.60       | 19.51 |
|        | 33                               | 33.30                        | 7.95  | 42.10       | 10.56 | 51.50       | 13.92 | 55.40       | 15.53 | 59.90       | 17.50 | 63.70       | 19.32 | 66.60       | 20.79 |
|        | 35                               | 33.30                        | 8.47  | 42.10       | 11.26 | 51.50       | 14.85 | 55.40       | 16.57 | 59.90       | 18.69 | 63.70       | 20.68 | 66.60       | 22.03 |
|        | 37                               | 33.30                        | 9.03  | 42.10       | 12.01 | 51.50       | 15.84 | 55.40       | 17.70 | 59.90       | 20.00 | 63.70       | 22.13 | 66.00       | 23.10 |
|        | 39                               | 33.30                        | 9.63  | 42.10       | 12.80 | 51.50       | 16.91 | 55.40       | 18.92 | 59.90       | 21.44 | 60.90       | 22.09 | 60.90       | 22.05 |
|        | 41                               | 33.30                        | 10.27 | 42.10       | 13.65 | 51.50       | 18.08 | 55.40       | 20.05 | 56.10       | 20.28 | 56.00       | 20.27 | 56.00       | 20.27 |
|        | 43                               | 33.30                        | 10.96 | 42.10       | 14.57 | 51.50       | 18.88 | 51.50       | 18.90 | 51.50       | 18.88 | 51.40       | 18.86 | 51.40       | 18.86 |
|        | 46                               | 33.30                        | 12.07 | 42.10       | 16.06 | 44.90       | 17.09 | 44.90       | 17.08 | 44.80       | 17.07 | 44.80       | 17.07 | 44.80       | 17.07 |
|        | 48                               | 33.30                        | 12.87 | 40.90       | 16.32 | 40.80       | 16.31 | 40.70       | 16.26 | 40.80       | 16.29 | 40.80       | 16.29 | 40.80       | 16.28 |
|        | 50                               | 33.30                        | 13.73 | 37.00       | 15.33 | 36.90       | 15.32 | 36.90       | 15.29 | 36.90       | 15.30 | 36.80       | 15.27 | 36.90       | 15.30 |
|        | 52                               | 33.30                        | 14.20 | 33.30       | 13.75 | 33.30       | 13.73 | 33.20       | 13.72 | 33.30       | 13.73 | 33.30       | 13.73 | 33.20       | 13.71 |
| 100    | 10                               | 30.30                        | 3.11  | 38.20       | 3.71  | 46.80       | 4.65  | 50.40       | 5.15  | 54.40       | 5.81  | 57.90       | 6.45  | 60.60       | 7.00  |
|        | 12                               | 30.30                        | 3.22  | 38.20       | 4.01  | 46.80       | 5.10  | 50.40       | 5.67  | 54.40       | 6.41  | 57.90       | 7.12  | 60.60       | 7.73  |
|        | 14                               | 30.30                        | 3.29  | 38.20       | 4.20  | 46.80       | 5.41  | 50.40       | 6.17  | 54.40       | 7.07  | 57.90       | 7.86  | 60.60       | 8.53  |
|        | 16                               | 30.30                        | 3.33  | 38.20       | 4.29  | 46.80       | 5.89  | 50.40       | 6.72  | 54.40       | 7.66  | 57.90       | 8.67  | 60.60       | 9.41  |
|        | 18                               | 30.30                        | 3.37  | 38.20       | 4.70  | 46.80       | 6.46  | 50.40       | 7.34  | 54.40       | 8.41  | 57.90       | 9.34  | 60.60       | 10.11 |
|        | 20                               | 30.30                        | 3.70  | 38.20       | 5.18  | 46.80       | 7.15  | 50.40       | 8.11  | 54.40       | 9.17  | 57.90       | 10.24 | 60.60       | 11.07 |
|        | 21                               | 30.30                        | 3.85  | 38.20       | 5.40  | 46.80       | 7.50  | 50.40       | 8.48  | 54.40       | 9.67  | 57.90       | 10.77 | 60.60       | 11.62 |
|        | 23                               | 30.30                        | 4.29  | 38.20       | 5.99  | 46.80       | 8.26  | 50.40       | 9.39  | 54.40       | 10.67 | 57.90       | 11.86 | 60.60       | 12.74 |
|        | 25                               | 30.30                        | 4.75  | 38.20       | 6.73  | 46.80       | 9.20  | 50.40       | 10.35 | 54.40       | 11.71 | 57.90       | 12.85 | 60.60       | 13.64 |
|        | 27                               | 30.30                        | 5.33  | 38.20       | 7.51  | 46.80       | 10.05 | 50.40       | 11.15 | 54.40       | 12.48 | 57.90       | 13.69 | 60.60       | 14.70 |
|        | 29                               | 30.30                        | 6.03  | 38.20       | 8.24  | 46.80       | 10.71 | 50.40       | 11.88 | 54.40       | 13.30 | 57.90       | 14.59 | 60.60       | 15.66 |
|        | 31                               | 30.30                        | 6.73  | 38.20       | 8.78  | 46.80       | 11.42 | 50.40       | 12.67 | 54.40       | 14.17 | 57.90       | 15.55 | 60.60       | 16.70 |
|        | 33                               | 30.30                        | 7.16  | 38.20       | 9.36  | 46.80       | 12.17 | 50.40       | 13.50 | 54.40       | 15.11 | 57.90       | 16.59 | 60.60       | 17.83 |
|        | 35                               | 30.30                        | 7.62  | 38.20       | 9.98  | 46.80       | 12.98 | 50.40       | 14.39 | 54.40       | 16.13 | 57.90       | 17.72 | 60.60       | 19.05 |
|        | 37                               | 30.30                        | 8.12  | 38.20       | 10.64 | 46.80       | 13.84 | 50.40       | 15.36 | 54.40       | 17.22 | 57.90       | 18.94 | 60.60       | 20.39 |
|        | 39                               | 30.30                        | 8.66  | 38.20       | 11.35 | 46.80       | 14.77 | 50.40       | 16.40 | 54.40       | 18.40 | 57.90       | 20.28 | 60.60       | 21.87 |
|        | 41                               | 30.30                        | 9.24  | 38.20       | 12.10 | 46.80       | 15.76 | 50.40       | 17.52 | 54.40       | 19.70 | 56.10       | 20.29 | 56.10       | 20.30 |
|        | 43                               | 30.30                        | 9.85  | 38.20       | 12.91 | 46.80       | 16.83 | 50.40       | 18.48 | 51.40       | 18.87 | 51.50       | 18.88 | 51.50       | 18.88 |
|        | 46                               | 30.30                        | 10.86 | 38.20       | 14.22 | 44.90       | 17.11 | 44.90       | 17.10 | 44.90       | 17.08 | 44.90       | 17.08 | 44.90       | 17.09 |
|        | 48                               | 30.30                        | 11.58 | 38.20       | 15.17 | 40.80       | 16.30 | 40.80       | 16.29 | 40.80       | 16.27 | 40.80       | 16.27 | 40.80       | 16.28 |
|        | 50                               | 30.30                        | 12.36 | 37.00       | 15.33 | 36.90       | 15.32 | 36.90       | 15.32 | 36.90       | 15.30 | 36.90       | 15.30 | 36.90       | 15.30 |
|        | 52                               | 30.30                        | 13.18 | 33.30       | 13.76 | 33.30       | 13.74 | 33.30       | 13.73 | 33.30       | 13.75 | 33.30       | 13.75 | 33.30       | 13.74 |
| 90     | 10                               | 27.30                        | 2.89  | 34.40       | 3.39  | 42.10       | 4.09  | 45.30       | 4.47  | 49.00       | 4.95  | 52.10       | 5.42  | 54.50       | 5.82  |
|        | 12                               | 27.30                        | 2.93  | 34.40       | 3.64  | 42.10       | 4.46  | 45.30       | 4.89  | 49.00       | 5.44  | 52.10       | 5.97  | 54.50       | 6.43  |
|        | 14                               | 27.30                        | 2.97  | 34.40       | 3.75  | 42.10       | 4.72  | 45.30       | 5.18  | 49.00       | 5.81  | 52.10       | 6.48  | 54.50       | 7.09  |
|        | 16                               | 27.30                        | 3.04  | 34.40       | 3.79  | 42.10       | 4.96  | 45.30       | 5.59  | 49.00       | 6.36  | 52.10       | 7.13  | 54.50       | 7.73  |
|        | 18                               | 27.30                        | 3.08  | 34.40       | 4.01  | 42.10       | 5.46  | 45.30       | 6.13  | 49.00       | 7.01  | 52.10       | 7.77  | 54.50       | 8.41  |
|        | 20                               | 27.30                        | 3.22  | 34.40       | 4.39  | 42.10       | 6.01  | 45.30       | 6.79  | 49.00       | 7.69  | 52.10       | 8.56  | 54.50       | 9.24  |
|        | 21                               | 27.30                        | 3.39  | 34.40       | 4.61  | 42.10       | 6.31  | 45.30       | 7.13  | 49.00       | 8.05  | 52.10       | 8.96  | 54.50       | 9.66  |
|        | 23                               | 27.30                        | 3.73  | 34.40       | 5.14  | 42.10       | 6.98  | 45.30       | 7.86  | 49.00       | 8.93  | 52.10       | 9.90  | 54.50       | 10.66 |
|        | 25                               | 27.30                        | 4.14  | 34.40       | 5.73  | 42.10       | 7.73  | 45.30       | 8.76  | 49.00       | 9.92  | 52.10       | 10.97 | 54.50       | 11.74 |
|        | 27                               | 27.30                        | 4.65  | 34.40       | 6.42  | 42.10       | 8.73  | 45.30       | 9.63  | 49.00       | 10.71 | 52.10       | 11.70 | 54.50       | 12.51 |
|        | 29                               | 27.30                        | 5.28  | 34.40       | 7.28  | 42.10       | 9.31  | 45.30       | 10.26 | 49.00       | 11.42 | 52.10       | 12.47 | 54.50       | 13.33 |
|        | 31                               | 27.30                        | 5.94  | 34.40       | 7.75  | 42.10       | 9.92  | 45.30       | 10.94 | 49.00       | 12.17 | 52.10       | 13.29 | 54.50       | 14.21 |
|        | 33                               | 27.30                        | 6.42  | 34.40       | 8.25  | 42.10       | 10.58 | 45.30       | 11.67 | 49.00       | 12.98 | 52.10       | 14.17 | 54.50       | 15.15 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 27.30                        | 6.82  | 34.40       | 8.80  | 42.10       | 11.28 | 45.30       | 12.44 | 49.00       | 13.84 | 52.10       | 15.11 | 54.50       | 16.17 |
|        | 37                              | 27.30                        | 7.27  | 34.40       | 9.38  | 42.10       | 12.02 | 45.30       | 13.26 | 49.00       | 14.76 | 52.10       | 16.13 | 54.50       | 17.26 |
|        | 39                              | 27.30                        | 7.75  | 34.40       | 10.00 | 42.10       | 12.82 | 45.30       | 14.15 | 49.00       | 15.75 | 52.10       | 17.22 | 54.50       | 18.45 |
|        | 41                              | 27.30                        | 8.26  | 34.40       | 10.66 | 42.10       | 13.67 | 45.30       | 15.09 | 49.00       | 16.82 | 52.10       | 18.41 | 54.50       | 19.75 |
|        | 43                              | 27.30                        | 8.82  | 34.40       | 11.37 | 42.10       | 14.59 | 45.30       | 16.11 | 49.00       | 17.98 | 51.50       | 18.87 | 51.40       | 18.87 |
|        | 46                              | 27.30                        | 9.72  | 34.40       | 12.53 | 42.10       | 16.09 | 44.90       | 17.11 | 44.90       | 17.09 | 44.90       | 17.09 | 44.90       | 17.09 |
|        | 48                              | 27.30                        | 10.37 | 34.40       | 13.37 | 40.90       | 16.32 | 40.80       | 16.30 | 40.80       | 16.29 | 40.80       | 16.29 | 40.80       | 16.29 |
|        | 50                              | 27.30                        | 11.07 | 34.40       | 14.26 | 37.00       | 15.33 | 37.00       | 15.33 | 36.90       | 15.31 | 36.90       | 15.31 | 36.90       | 15.31 |
|        | 52                              | 27.30                        | 11.81 | 33.40       | 13.76 | 33.30       | 13.76 | 33.30       | 13.76 | 33.30       | 13.74 | 33.30       | 13.74 | 33.30       | 13.74 |
| 80     | 10                              | 24.20                        | 2.51  | 30.60       | 3.13  | 37.40       | 3.64  | 40.30       | 3.91  | 43.50       | 4.25  | 46.30       | 4.59  | 48.50       | 4.88  |
|        | 12                              | 24.20                        | 2.65  | 30.60       | 3.26  | 37.40       | 3.93  | 40.30       | 4.24  | 43.50       | 4.64  | 46.30       | 5.03  | 48.50       | 5.36  |
|        | 14                              | 24.20                        | 2.68  | 30.60       | 3.30  | 37.40       | 4.11  | 40.30       | 4.48  | 43.50       | 4.93  | 46.30       | 5.35  | 48.50       | 5.72  |
|        | 16                              | 24.20                        | 2.72  | 30.60       | 3.37  | 37.40       | 4.20  | 40.30       | 4.62  | 43.50       | 5.23  | 46.30       | 5.80  | 48.50       | 6.25  |
|        | 18                              | 24.20                        | 2.78  | 30.60       | 3.41  | 37.40       | 4.51  | 40.30       | 5.10  | 43.50       | 5.75  | 46.30       | 6.37  | 48.50       | 6.85  |
|        | 20                              | 24.20                        | 2.83  | 30.60       | 3.76  | 37.40       | 4.98  | 40.30       | 5.62  | 43.50       | 6.33  | 46.30       | 6.99  | 48.50       | 7.57  |
|        | 21                              | 24.20                        | 2.93  | 30.60       | 3.91  | 37.40       | 5.25  | 40.30       | 5.91  | 43.50       | 6.65  | 46.30       | 7.33  | 48.50       | 7.93  |
|        | 23                              | 24.20                        | 3.22  | 30.60       | 4.35  | 37.40       | 5.83  | 40.30       | 6.55  | 43.50       | 7.34  | 46.30       | 8.14  | 48.50       | 8.80  |
|        | 25                              | 24.20                        | 3.56  | 30.60       | 4.82  | 37.40       | 6.48  | 40.30       | 7.27  | 43.50       | 8.20  | 46.30       | 9.07  | 48.50       | 9.71  |
|        | 27                              | 24.20                        | 4.01  | 30.60       | 5.41  | 37.40       | 7.24  | 40.30       | 8.10  | 43.50       | 9.13  | 46.30       | 9.91  | 48.50       | 10.55 |
|        | 29                              | 24.20                        | 4.50  | 30.60       | 6.12  | 37.40       | 8.03  | 40.30       | 8.80  | 43.50       | 9.73  | 46.30       | 10.56 | 48.50       | 11.25 |
|        | 31                              | 24.20                        | 5.14  | 30.60       | 6.80  | 37.40       | 8.56  | 40.30       | 9.38  | 43.50       | 10.37 | 46.30       | 11.26 | 48.50       | 11.99 |
|        | 33                              | 24.20                        | 5.73  | 30.60       | 7.23  | 37.40       | 9.12  | 40.30       | 10.00 | 43.50       | 11.05 | 46.30       | 12.00 | 48.50       | 12.78 |
|        | 35                              | 24.20                        | 6.08  | 30.60       | 7.70  | 37.40       | 9.72  | 40.30       | 10.66 | 43.50       | 11.78 | 46.30       | 12.80 | 48.50       | 13.63 |
|        | 37                              | 24.20                        | 6.47  | 30.60       | 8.21  | 37.40       | 10.37 | 40.30       | 11.37 | 43.50       | 12.57 | 46.30       | 13.65 | 48.50       | 14.54 |
|        | 39                              | 24.20                        | 6.90  | 30.60       | 8.75  | 37.40       | 11.05 | 40.30       | 12.12 | 43.50       | 13.40 | 46.30       | 14.56 | 48.50       | 15.51 |
|        | 41                              | 24.20                        | 7.35  | 30.60       | 9.34  | 37.40       | 11.79 | 40.30       | 12.93 | 43.50       | 14.29 | 46.30       | 15.54 | 48.50       | 16.56 |
|        | 43                              | 24.20                        | 7.84  | 30.60       | 9.96  | 37.40       | 12.57 | 40.30       | 13.79 | 43.50       | 15.25 | 46.30       | 16.59 | 48.50       | 17.70 |
|        | 46                              | 24.20                        | 8.65  | 30.60       | 10.97 | 37.40       | 13.85 | 40.30       | 15.20 | 43.50       | 16.58 | 44.90       | 17.09 | 44.90       | 17.09 |
|        | 48                              | 24.20                        | 9.24  | 30.60       | 11.71 | 37.40       | 14.78 | 40.30       | 16.23 | 40.80       | 16.28 | 40.80       | 16.30 | 40.80       | 16.27 |
|        | 50                              | 24.20                        | 9.87  | 30.60       | 12.49 | 37.00       | 15.34 | 37.00       | 15.32 | 36.90       | 15.31 | 36.90       | 15.30 | 36.90       | 15.30 |
|        | 52                              | 24.20                        | 10.53 | 30.60       | 13.33 | 33.30       | 13.75 | 33.30       | 13.74 | 33.30       | 13.76 | 33.30       | 13.75 | 33.30       | 13.75 |
| 70     | 10                              | 21.20                        | 2.02  | 26.80       | 2.86  | 32.70       | 3.27  | 35.30       | 3.46  | 38.10       | 3.70  | 40.50       | 3.93  | 42.40       | 4.12  |
|        | 12                              | 21.20                        | 2.42  | 26.80       | 2.89  | 32.70       | 3.49  | 35.30       | 3.72  | 38.10       | 4.00  | 40.50       | 4.27  | 42.40       | 4.50  |
|        | 14                              | 21.20                        | 2.42  | 26.80       | 2.93  | 32.70       | 3.55  | 35.30       | 3.84  | 38.10       | 4.21  | 40.50       | 4.53  | 42.40       | 4.77  |
|        | 16                              | 21.20                        | 2.45  | 26.80       | 2.97  | 32.70       | 3.63  | 35.30       | 3.92  | 38.10       | 4.30  | 40.50       | 4.64  | 42.40       | 5.02  |
|        | 18                              | 21.20                        | 2.47  | 26.80       | 3.04  | 32.70       | 3.73  | 35.30       | 4.12  | 38.10       | 4.65  | 40.50       | 5.11  | 42.40       | 5.53  |
|        | 20                              | 21.20                        | 2.50  | 26.80       | 3.18  | 32.70       | 4.12  | 35.30       | 4.57  | 38.10       | 5.13  | 40.50       | 5.64  | 42.40       | 6.09  |
|        | 21                              | 21.20                        | 2.57  | 26.80       | 3.29  | 32.70       | 4.29  | 35.30       | 4.81  | 38.10       | 5.40  | 40.50       | 5.92  | 42.40       | 6.39  |
|        | 23                              | 21.20                        | 2.80  | 26.80       | 3.67  | 32.70       | 4.78  | 35.30       | 5.34  | 38.10       | 5.99  | 40.50       | 6.56  | 42.40       | 7.06  |
|        | 25                              | 21.20                        | 3.08  | 26.80       | 4.06  | 32.70       | 5.34  | 35.30       | 5.95  | 38.10       | 6.66  | 40.50       | 7.35  | 42.40       | 7.83  |
|        | 27                              | 21.20                        | 3.43  | 26.80       | 4.53  | 32.70       | 5.99  | 35.30       | 6.67  | 38.10       | 7.45  | 40.50       | 8.18  | 42.40       | 8.82  |
|        | 29                              | 21.20                        | 3.84  | 26.80       | 5.13  | 32.70       | 6.75  | 35.30       | 7.49  | 38.10       | 8.21  | 40.50       | 8.86  | 42.40       | 9.39  |
|        | 31                              | 21.20                        | 4.36  | 26.80       | 5.84  | 32.70       | 7.33  | 35.30       | 7.97  | 38.10       | 8.75  | 40.50       | 9.44  | 42.40       | 10.01 |
|        | 33                              | 21.20                        | 5.03  | 26.80       | 6.30  | 32.70       | 7.80  | 35.30       | 8.49  | 38.10       | 9.32  | 40.50       | 10.07 | 42.40       | 10.68 |
|        | 35                              | 21.20                        | 5.40  | 26.80       | 6.70  | 32.70       | 8.31  | 35.30       | 9.05  | 38.10       | 9.94  | 40.50       | 10.73 | 42.40       | 11.38 |
|        | 37                              | 21.20                        | 5.74  | 26.80       | 7.14  | 32.70       | 8.86  | 35.30       | 9.65  | 38.10       | 10.60 | 40.50       | 11.44 | 42.40       | 12.14 |
|        | 39                              | 21.20                        | 6.10  | 26.80       | 7.61  | 32.70       | 9.45  | 35.30       | 10.29 | 38.10       | 11.30 | 40.50       | 12.20 | 42.40       | 12.94 |
|        | 41                              | 21.20                        | 6.50  | 26.80       | 8.11  | 32.70       | 10.07 | 35.30       | 10.98 | 38.10       | 12.05 | 40.50       | 13.02 | 42.40       | 13.80 |
|        | 43                              | 21.20                        | 6.94  | 26.80       | 8.65  | 32.70       | 10.75 | 35.30       | 11.71 | 38.10       | 12.85 | 40.50       | 13.88 | 42.40       | 14.73 |
|        | 46                              | 21.20                        | 7.65  | 26.80       | 9.54  | 32.70       | 11.84 | 35.30       | 12.90 | 38.10       | 14.16 | 40.50       | 15.30 | 42.40       | 16.24 |
|        | 48                              | 21.20                        | 8.17  | 26.80       | 10.18 | 32.70       | 12.63 | 35.30       | 13.76 | 38.10       | 15.11 | 40.50       | 16.34 | 40.80       | 16.30 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 21.20                        | 8.74 | 26.80       | 10.87 | 32.70       | 13.47 | 35.30       | 14.68 | 37.00       | 15.32 | 37.00       | 15.33 | 36.90       | 15.32 |
|        | 52                               | 21.20                        | 9.33 | 26.80       | 11.60 | 32.70       | 14.37 | 33.40       | 13.77 | 33.30       | 13.75 | 33.30       | 13.74 | 33.30       | 13.75 |
| 60     | 10                               | 18.20                        | 1.59 | 22.90       | 2.31  | 28.10       | 2.98  | 30.20       | 3.11  | 32.70       | 3.26  | 34.70       | 3.42  | 36.30       | 3.55  |
|        | 12                               | 18.20                        | 2.16 | 22.90       | 2.55  | 28.10       | 3.00  | 30.20       | 3.22  | 32.70       | 3.49  | 34.70       | 3.67  | 36.30       | 3.82  |
|        | 14                               | 18.20                        | 2.19 | 22.90       | 2.58  | 28.10       | 3.08  | 30.20       | 3.30  | 32.70       | 3.55  | 34.70       | 3.80  | 36.30       | 3.98  |
|        | 16                               | 18.20                        | 2.19 | 22.90       | 2.61  | 28.10       | 3.12  | 30.20       | 3.34  | 32.70       | 3.59  | 34.70       | 3.84  | 36.30       | 4.06  |
|        | 18                               | 18.20                        | 2.22 | 22.90       | 2.65  | 28.10       | 3.15  | 30.20       | 3.38  | 32.70       | 3.72  | 34.70       | 4.06  | 36.30       | 4.32  |
|        | 20                               | 18.20                        | 2.25 | 22.90       | 2.68  | 28.10       | 3.33  | 30.20       | 3.71  | 32.70       | 4.08  | 34.70       | 4.45  | 36.30       | 4.78  |
|        | 21                               | 18.20                        | 2.25 | 22.90       | 2.80  | 28.10       | 3.51  | 30.20       | 3.86  | 32.70       | 4.29  | 34.70       | 4.69  | 36.30       | 5.04  |
|        | 23                               | 18.20                        | 2.40 | 22.90       | 3.05  | 28.10       | 3.86  | 30.20       | 4.30  | 32.70       | 4.78  | 34.70       | 5.21  | 36.30       | 5.59  |
|        | 25                               | 18.20                        | 2.62 | 22.90       | 3.37  | 28.10       | 4.33  | 30.20       | 4.76  | 32.70       | 5.29  | 34.70       | 5.82  | 36.30       | 6.23  |
|        | 27                               | 18.20                        | 2.90 | 22.90       | 3.75  | 28.10       | 4.81  | 30.20       | 5.34  | 32.70       | 5.93  | 34.70       | 6.51  | 36.30       | 6.96  |
|        | 29                               | 18.20                        | 3.24 | 22.90       | 4.21  | 28.10       | 5.45  | 30.20       | 6.04  | 32.70       | 6.68  | 34.70       | 7.36  | 36.30       | 7.76  |
|        | 31                               | 18.20                        | 3.68 | 22.90       | 4.82  | 28.10       | 6.22  | 30.20       | 6.71  | 32.70       | 7.30  | 34.70       | 7.83  | 36.30       | 8.26  |
|        | 33                               | 18.20                        | 4.21 | 22.90       | 5.45  | 28.10       | 6.61  | 30.20       | 7.14  | 32.70       | 7.78  | 34.70       | 8.34  | 36.30       | 8.81  |
|        | 35                               | 18.20                        | 4.72 | 22.90       | 5.79  | 28.10       | 7.03  | 30.20       | 7.61  | 32.70       | 8.29  | 34.70       | 8.89  | 36.30       | 9.39  |
|        | 37                               | 18.20                        | 5.01 | 22.90       | 6.15  | 28.10       | 7.49  | 30.20       | 8.11  | 32.70       | 8.83  | 34.70       | 9.48  | 36.30       | 10.01 |
|        | 39                               | 18.20                        | 5.32 | 22.90       | 6.55  | 28.10       | 7.99  | 30.20       | 8.64  | 32.70       | 9.42  | 34.70       | 10.11 | 36.30       | 10.67 |
|        | 41                               | 18.20                        | 5.67 | 22.90       | 6.98  | 28.10       | 8.52  | 30.20       | 9.22  | 32.70       | 10.04 | 34.70       | 10.78 | 36.30       | 11.38 |
|        | 43                               | 18.20                        | 6.06 | 22.90       | 7.45  | 28.10       | 9.09  | 30.20       | 9.83  | 32.70       | 10.71 | 34.70       | 11.50 | 36.30       | 12.14 |
|        | 46                               | 18.20                        | 6.72 | 22.90       | 8.22  | 28.10       | 10.02 | 30.20       | 10.84 | 32.70       | 11.80 | 34.70       | 12.67 | 36.30       | 13.37 |
|        | 48                               | 18.20                        | 7.18 | 22.90       | 8.78  | 28.10       | 10.69 | 30.20       | 11.56 | 32.70       | 12.59 | 34.70       | 13.51 | 36.30       | 14.26 |
|        | 50                               | 18.20                        | 7.68 | 22.90       | 9.38  | 28.10       | 11.41 | 30.20       | 12.33 | 32.70       | 13.43 | 34.70       | 14.42 | 36.30       | 15.22 |
|        | 52                               | 18.20                        | 8.21 | 22.90       | 10.02 | 28.10       | 12.17 | 30.20       | 13.16 | 32.70       | 14.33 | 33.30       | 13.76 | 33.30       | 13.74 |
| 50     | 10                               | 15.10                        | 1.41 | 19.10       | 1.72  | 23.40       | 2.38  | 25.20       | 2.66  | 27.20       | 2.88  | 28.90       | 3.03  | 30.30       | 3.11  |
|        | 12                               | 15.10                        | 1.92 | 19.10       | 2.23  | 23.40       | 2.57  | 25.20       | 2.74  | 27.20       | 2.92  | 28.90       | 3.11  | 30.30       | 3.22  |
|        | 14                               | 15.10                        | 1.99 | 19.10       | 2.26  | 23.40       | 2.60  | 25.20       | 2.78  | 27.20       | 2.96  | 28.90       | 3.14  | 30.30       | 3.30  |
|        | 16                               | 15.10                        | 1.99 | 19.10       | 2.29  | 23.40       | 2.64  | 25.20       | 2.81  | 27.20       | 2.99  | 28.90       | 3.18  | 30.30       | 3.34  |
|        | 18                               | 15.10                        | 2.02 | 19.10       | 2.32  | 23.40       | 2.67  | 25.20       | 2.85  | 27.20       | 3.07  | 28.90       | 3.26  | 30.30       | 3.38  |
|        | 20                               | 15.10                        | 2.04 | 19.10       | 2.36  | 23.40       | 2.71  | 25.20       | 2.93  | 27.20       | 3.22  | 28.90       | 3.49  | 30.30       | 3.70  |
|        | 21                               | 15.10                        | 2.04 | 19.10       | 2.36  | 23.40       | 2.84  | 25.20       | 3.08  | 27.20       | 3.39  | 28.90       | 3.67  | 30.30       | 3.85  |
|        | 23                               | 15.10                        | 2.10 | 19.10       | 2.53  | 23.40       | 3.11  | 25.20       | 3.37  | 27.20       | 3.72  | 28.90       | 4.05  | 30.30       | 4.30  |
|        | 25                               | 15.10                        | 2.22 | 19.10       | 2.76  | 23.40       | 3.42  | 25.20       | 3.73  | 27.20       | 4.12  | 28.90       | 4.47  | 30.30       | 4.80  |
|        | 27                               | 15.10                        | 2.44 | 19.10       | 3.07  | 23.40       | 3.81  | 25.20       | 4.22  | 27.20       | 4.65  | 28.90       | 5.04  | 30.30       | 5.34  |
|        | 29                               | 15.10                        | 2.72 | 19.10       | 3.44  | 23.40       | 4.33  | 25.20       | 4.72  | 27.20       | 5.20  | 28.90       | 5.69  | 30.30       | 6.03  |
|        | 31                               | 15.10                        | 3.04 | 19.10       | 3.90  | 23.40       | 4.90  | 25.20       | 5.39  | 27.20       | 5.92  | 28.90       | 6.42  | 30.30       | 6.73  |
|        | 33                               | 15.10                        | 3.48 | 19.10       | 4.46  | 23.40       | 5.55  | 25.20       | 5.94  | 27.20       | 6.41  | 28.90       | 6.82  | 30.30       | 7.16  |
|        | 35                               | 15.10                        | 4.06 | 19.10       | 4.93  | 23.40       | 5.89  | 25.20       | 6.32  | 27.20       | 6.82  | 28.90       | 7.26  | 30.30       | 7.62  |
|        | 37                               | 15.10                        | 4.29 | 19.10       | 5.24  | 23.40       | 6.26  | 25.20       | 6.72  | 27.20       | 7.26  | 28.90       | 7.74  | 30.30       | 8.12  |
|        | 39                               | 15.10                        | 4.54 | 19.10       | 5.58  | 23.40       | 6.67  | 25.20       | 7.16  | 27.20       | 7.74  | 28.90       | 8.25  | 30.30       | 8.66  |
|        | 41                               | 15.10                        | 4.82 | 19.10       | 5.95  | 23.40       | 7.11  | 25.20       | 7.64  | 27.20       | 8.25  | 28.90       | 8.80  | 30.30       | 9.24  |
|        | 43                               | 15.10                        | 5.13 | 19.10       | 6.35  | 23.40       | 7.59  | 25.20       | 8.15  | 27.20       | 8.80  | 28.90       | 9.39  | 30.30       | 9.86  |
|        | 46                               | 15.10                        | 5.66 | 19.10       | 7.00  | 23.40       | 8.37  | 25.20       | 8.99  | 27.20       | 9.71  | 28.90       | 10.34 | 30.30       | 10.86 |
|        | 48                               | 15.10                        | 6.06 | 19.10       | 7.48  | 23.40       | 8.94  | 25.20       | 9.59  | 27.20       | 10.36 | 28.90       | 11.04 | 30.30       | 11.59 |
|        | 50                               | 15.10                        | 6.50 | 19.10       | 8.00  | 23.40       | 9.55  | 25.20       | 10.24 | 27.20       | 11.06 | 28.90       | 11.78 | 30.30       | 12.36 |
|        | 52                               | 15.10                        | 6.98 | 19.10       | 8.55  | 23.40       | 10.20 | 25.20       | 10.93 | 27.20       | 11.80 | 28.90       | 12.57 | 30.30       | 13.19 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM200LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 43.70                        | 4.41  | 55.20       | 6.12  | 67.60       | 8.89  | 72.80       | 10.40 | 78.60       | 12.38 | 83.60       | 14.01 | 87.50       | 15.25 |
|        | 12                               | 43.70                        | 4.82  | 55.20       | 6.76  | 67.60       | 9.81  | 72.80       | 11.45 | 78.60       | 13.58 | 83.60       | 15.20 | 87.50       | 16.48 |
|        | 14                               | 43.70                        | 5.08  | 55.20       | 7.46  | 67.60       | 10.82 | 72.80       | 12.60 | 78.60       | 14.55 | 83.60       | 16.31 | 87.50       | 17.81 |
|        | 16                               | 43.70                        | 5.48  | 55.20       | 8.24  | 67.60       | 11.93 | 72.80       | 13.64 | 78.60       | 15.77 | 83.60       | 17.64 | 87.50       | 19.25 |
|        | 18                               | 43.70                        | 6.02  | 55.20       | 9.00  | 67.60       | 12.92 | 72.80       | 14.87 | 78.60       | 17.12 | 83.60       | 18.94 | 87.50       | 20.35 |
|        | 20                               | 43.70                        | 6.68  | 55.20       | 9.89  | 67.60       | 14.18 | 72.80       | 16.09 | 78.60       | 18.19 | 83.60       | 20.16 | 87.50       | 21.27 |
|        | 21                               | 43.70                        | 7.02  | 55.20       | 10.33 | 67.60       | 14.68 | 72.80       | 16.61 | 78.60       | 18.75 | 83.60       | 20.64 | 87.50       | 21.75 |
|        | 23                               | 43.70                        | 7.74  | 55.20       | 11.48 | 67.60       | 15.75 | 72.80       | 17.69 | 78.60       | 20.16 | 83.60       | 21.66 | 87.50       | 22.79 |
|        | 25                               | 43.70                        | 8.64  | 55.20       | 12.47 | 67.60       | 16.80 | 72.80       | 18.94 | 78.60       | 21.22 | 83.60       | 22.77 | 87.50       | 23.93 |
|        | 27                               | 43.70                        | 9.58  | 55.20       | 13.29 | 67.60       | 18.02 | 72.80       | 20.43 | 78.60       | 22.37 | 83.60       | 23.98 | 87.50       | 25.20 |
|        | 29                               | 43.70                        | 10.22 | 55.20       | 14.17 | 67.60       | 19.46 | 72.80       | 21.58 | 78.60       | 23.61 | 83.60       | 25.31 | 87.50       | 26.61 |
|        | 31                               | 43.70                        | 10.90 | 55.20       | 15.11 | 67.60       | 20.78 | 72.80       | 22.82 | 78.60       | 24.97 | 83.60       | 26.81 | 87.50       | 28.23 |
|        | 33                               | 43.70                        | 11.63 | 55.20       | 16.12 | 67.60       | 22.14 | 72.80       | 24.16 | 78.60       | 26.48 | 82.70       | 28.13 | 82.70       | 28.14 |
|        | 35                               | 43.70                        | 12.40 | 55.20       | 17.20 | 67.60       | 23.46 | 72.80       | 25.63 | 77.30       | 27.60 | 77.30       | 27.61 | 77.30       | 27.61 |
|        | 37                               | 43.70                        | 13.23 | 55.20       | 18.37 | 67.60       | 24.90 | 72.00       | 26.57 | 72.10       | 26.57 | 72.00       | 26.56 | 72.00       | 26.55 |
|        | 39                               | 43.70                        | 14.11 | 55.20       | 19.63 | 66.90       | 24.70 | 66.80       | 24.68 | 66.80       | 24.66 | 66.80       | 24.67 | 66.80       | 24.66 |
|        | 41                               | 43.70                        | 15.05 | 55.20       | 20.48 | 61.90       | 22.95 | 61.80       | 22.94 | 61.80       | 22.92 | 61.70       | 22.89 | 61.80       | 22.92 |
|        | 43                               | 43.70                        | 16.07 | 55.20       | 20.79 | 57.00       | 21.44 | 56.90       | 21.44 | 56.90       | 21.41 | 56.90       | 21.43 | 56.80       | 21.40 |
|        | 46                               | 43.70                        | 17.19 | 50.10       | 19.67 | 50.00       | 19.66 | 50.00       | 19.66 | 50.00       | 19.64 | 49.90       | 19.62 | 50.00       | 19.64 |
|        | 48                               | 43.70                        | 18.20 | 45.70       | 19.01 | 45.60       | 18.98 | 45.60       | 18.97 | 45.70       | 19.00 | 45.60       | 18.99 | 45.60       | 18.98 |
|        | 50                               | 41.70                        | 18.17 | 41.60       | 18.14 | 41.50       | 18.10 | 41.50       | 18.12 | 41.50       | 18.10 | 41.40       | 18.08 | 41.40       | 18.08 |
|        | 52                               | 36.80                        | 16.20 | 37.30       | 15.72 | 37.60       | 14.89 | 37.60       | 14.71 | 37.60       | 14.52 | 37.60       | 14.35 | 37.60       | 14.24 |
| 120    | 10                               | 40.40                        | 4.04  | 51.00       | 5.40  | 62.40       | 7.59  | 67.20       | 8.78  | 72.60       | 10.34 | 77.20       | 11.86 | 80.80       | 13.14 |
|        | 12                               | 40.40                        | 4.39  | 51.00       | 5.95  | 62.40       | 8.39  | 67.20       | 9.70  | 72.60       | 11.39 | 77.20       | 13.03 | 80.80       | 14.30 |
|        | 14                               | 40.40                        | 4.63  | 51.00       | 6.56  | 62.40       | 9.27  | 67.20       | 10.70 | 72.60       | 12.53 | 77.20       | 14.08 | 80.80       | 15.33 |
|        | 16                               | 40.40                        | 4.80  | 51.00       | 7.12  | 62.40       | 10.23 | 67.20       | 11.79 | 72.60       | 13.55 | 77.20       | 15.18 | 80.80       | 16.60 |
|        | 18                               | 40.40                        | 5.29  | 51.00       | 7.83  | 62.40       | 11.29 | 67.20       | 12.80 | 72.60       | 14.69 | 77.20       | 16.52 | 80.80       | 17.89 |
|        | 20                               | 40.40                        | 5.83  | 51.00       | 8.63  | 62.40       | 12.23 | 67.20       | 14.04 | 72.60       | 15.92 | 77.20       | 17.70 | 80.80       | 18.99 |
|        | 21                               | 40.40                        | 6.13  | 51.00       | 9.03  | 62.40       | 12.85 | 67.20       | 14.55 | 72.60       | 16.42 | 77.20       | 18.26 | 80.80       | 19.81 |
|        | 23                               | 40.40                        | 6.84  | 51.00       | 9.99  | 62.40       | 13.92 | 67.20       | 15.62 | 72.60       | 17.59 | 77.20       | 19.51 | 80.80       | 20.82 |
|        | 25                               | 40.40                        | 7.60  | 51.00       | 11.09 | 62.40       | 14.80 | 67.20       | 16.67 | 72.60       | 18.83 | 77.20       | 20.77 | 80.80       | 21.90 |
|        | 27                               | 40.40                        | 8.54  | 51.00       | 11.83 | 62.40       | 16.03 | 67.20       | 17.87 | 72.60       | 20.37 | 77.20       | 21.89 | 80.80       | 23.07 |
|        | 29                               | 40.40                        | 9.22  | 51.00       | 12.61 | 62.40       | 17.09 | 67.20       | 19.27 | 72.60       | 21.51 | 77.20       | 23.11 | 80.80       | 24.35 |
|        | 31                               | 40.40                        | 9.83  | 51.00       | 13.45 | 62.40       | 18.23 | 67.20       | 20.57 | 72.60       | 22.74 | 77.20       | 24.44 | 80.80       | 25.76 |
|        | 33                               | 40.40                        | 10.48 | 51.00       | 14.34 | 62.40       | 19.46 | 67.20       | 21.98 | 72.60       | 24.08 | 77.20       | 25.90 | 80.80       | 27.35 |
|        | 35                               | 40.40                        | 11.18 | 51.00       | 15.30 | 62.40       | 20.80 | 67.20       | 23.29 | 72.60       | 25.55 | 77.20       | 27.54 | 77.40       | 27.64 |
|        | 37                               | 40.40                        | 11.93 | 51.00       | 16.33 | 62.40       | 22.27 | 67.20       | 24.72 | 72.10       | 26.58 | 72.10       | 26.58 | 72.00       | 26.56 |
|        | 39                               | 40.40                        | 12.72 | 51.00       | 17.43 | 62.40       | 23.03 | 66.90       | 24.71 | 66.90       | 24.69 | 66.80       | 24.68 | 66.80       | 24.67 |
|        | 41                               | 40.40                        | 13.57 | 51.00       | 18.62 | 61.90       | 22.95 | 61.80       | 22.93 | 61.80       | 22.91 | 61.70       | 22.90 | 61.70       | 22.89 |
|        | 43                               | 40.40                        | 14.48 | 51.00       | 19.19 | 57.00       | 21.46 | 57.00       | 21.44 | 56.90       | 21.42 | 56.90       | 21.42 | 56.90       | 21.43 |
|        | 46                               | 40.40                        | 15.97 | 50.10       | 19.70 | 50.00       | 19.64 | 50.00       | 19.64 | 50.00       | 19.65 | 50.00       | 19.64 | 50.00       | 19.63 |
|        | 48                               | 40.40                        | 16.80 | 45.70       | 19.01 | 45.70       | 19.01 | 45.70       | 19.01 | 45.60       | 18.99 | 45.60       | 18.98 | 45.60       | 18.96 |
|        | 50                               | 40.40                        | 17.61 | 41.60       | 18.13 | 41.50       | 18.12 | 41.50       | 18.12 | 41.50       | 18.12 | 41.50       | 18.12 | 41.50       | 18.08 |
|        | 52                               | 36.70                        | 16.15 | 37.10       | 16.06 | 37.60       | 15.23 | 37.60       | 15.07 | 37.60       | 14.88 | 37.60       | 14.73 | 37.60       | 14.65 |
| 110    | 10                               | 37.00                        | 3.73  | 46.70       | 4.79  | 57.20       | 6.49  | 61.60       | 7.41  | 66.50       | 8.61  | 70.70       | 9.78  | 74.00       | 10.80 |
|        | 12                               | 37.00                        | 4.02  | 46.70       | 5.25  | 57.20       | 7.17  | 61.60       | 8.19  | 66.50       | 9.51  | 70.70       | 10.79 | 74.00       | 11.89 |
|        | 14                               | 37.00                        | 4.15  | 46.70       | 5.61  | 57.20       | 7.92  | 61.60       | 9.05  | 66.50       | 10.49 | 70.70       | 11.88 | 74.00       | 13.07 |
|        | 16                               | 37.00                        | 4.25  | 46.70       | 6.14  | 57.20       | 8.75  | 61.60       | 9.99  | 66.50       | 11.57 | 70.70       | 12.89 | 74.00       | 14.10 |
|        | 18                               | 37.00                        | 4.60  | 46.70       | 6.73  | 57.20       | 9.66  | 61.60       | 11.02 | 66.50       | 12.52 | 70.70       | 14.07 | 74.00       | 15.28 |
|        | 20                               | 37.00                        | 5.08  | 46.70       | 7.45  | 57.20       | 10.51 | 61.60       | 11.99 | 66.50       | 13.74 | 70.70       | 15.35 | 74.00       | 16.47 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 37.00                        | 5.35  | 46.70       | 7.81  | 57.20       | 10.97 | 61.60       | 12.59 | 66.50       | 14.36 | 70.70       | 15.84 | 74.00       | 17.08 |
|        | 23                               | 37.00                        | 5.94  | 46.70       | 8.67  | 57.20       | 12.17 | 61.60       | 13.60 | 66.50       | 15.33 | 70.70       | 16.89 | 74.00       | 18.18 |
|        | 25                               | 37.00                        | 6.67  | 46.70       | 9.58  | 57.20       | 13.00 | 61.60       | 14.55 | 66.50       | 16.37 | 70.70       | 18.09 | 74.00       | 19.47 |
|        | 27                               | 37.00                        | 7.46  | 46.70       | 10.47 | 57.20       | 14.01 | 61.60       | 15.55 | 66.50       | 17.56 | 70.70       | 19.39 | 74.00       | 20.86 |
|        | 29                               | 37.00                        | 8.29  | 46.70       | 11.17 | 57.20       | 14.93 | 61.60       | 16.74 | 66.50       | 18.97 | 70.70       | 20.87 | 74.00       | 22.02 |
|        | 31                               | 37.00                        | 8.83  | 46.70       | 11.91 | 57.20       | 15.92 | 61.60       | 17.86 | 66.50       | 20.24 | 70.70       | 22.07 | 74.00       | 23.29 |
|        | 33                               | 37.00                        | 9.42  | 46.70       | 12.70 | 57.20       | 16.98 | 61.60       | 19.06 | 66.50       | 21.64 | 70.70       | 23.37 | 74.00       | 24.66 |
|        | 35                               | 37.00                        | 10.04 | 46.70       | 13.55 | 57.20       | 18.13 | 61.60       | 20.37 | 66.50       | 23.03 | 70.70       | 24.78 | 74.00       | 26.17 |
|        | 37                               | 37.00                        | 10.71 | 46.70       | 14.45 | 57.20       | 19.37 | 61.60       | 21.80 | 66.50       | 24.43 | 70.70       | 26.33 | 72.00       | 26.55 |
|        | 39                               | 37.00                        | 11.43 | 46.70       | 15.42 | 57.20       | 20.72 | 61.60       | 22.73 | 66.50       | 24.56 | 66.80       | 24.67 | 66.90       | 24.69 |
|        | 41                               | 37.00                        | 12.19 | 46.70       | 16.46 | 57.20       | 21.21 | 61.60       | 22.84 | 61.90       | 22.95 | 61.80       | 22.93 | 61.80       | 22.93 |
|        | 43                               | 37.00                        | 13.01 | 46.70       | 17.58 | 57.00       | 21.44 | 57.00       | 21.46 | 57.00       | 21.45 | 56.90       | 21.43 | 56.90       | 21.42 |
|        | 46                               | 37.00                        | 14.34 | 46.70       | 18.36 | 50.00       | 19.67 | 50.00       | 19.66 | 50.00       | 19.66 | 50.00       | 19.66 | 49.90       | 19.62 |
|        | 48                               | 37.00                        | 15.30 | 45.70       | 19.03 | 45.70       | 19.02 | 45.70       | 19.02 | 45.70       | 19.00 | 45.60       | 19.00 | 45.60       | 18.99 |
|        | 50                               | 37.00                        | 16.15 | 41.60       | 18.17 | 41.50       | 18.12 | 41.50       | 18.12 | 41.50       | 18.11 | 41.50       | 18.10 | 41.50       | 18.10 |
| 100    | 52                               | 36.50                        | 16.06 | 36.80       | 16.23 | 37.40       | 15.64 | 37.50       | 15.48 | 37.60       | 15.31 | 37.40       | 15.17 | 37.60       | 14.96 |
|        | 10                               | 33.60                        | 3.45  | 42.50       | 4.27  | 52.00       | 5.56  | 56.00       | 6.26  | 60.50       | 7.16  | 64.30       | 8.05  | 67.30       | 8.82  |
|        | 12                               | 33.60                        | 3.70  | 42.50       | 4.66  | 52.00       | 6.13  | 56.00       | 6.91  | 60.50       | 7.92  | 64.30       | 8.90  | 67.30       | 9.74  |
|        | 14                               | 33.60                        | 3.76  | 42.50       | 4.92  | 52.00       | 6.76  | 56.00       | 7.64  | 60.50       | 8.75  | 64.30       | 9.82  | 67.30       | 10.74 |
|        | 16                               | 33.60                        | 3.80  | 42.50       | 5.24  | 52.00       | 7.37  | 56.00       | 8.43  | 60.50       | 9.67  | 64.30       | 10.84 | 67.30       | 11.84 |
|        | 18                               | 33.60                        | 4.03  | 42.50       | 5.77  | 52.00       | 8.10  | 56.00       | 9.19  | 60.50       | 10.67 | 64.30       | 11.81 | 67.30       | 12.81 |
|        | 20                               | 33.60                        | 4.41  | 42.50       | 6.35  | 52.00       | 8.91  | 56.00       | 10.10 | 60.50       | 11.57 | 64.30       | 12.90 | 67.30       | 14.06 |
|        | 21                               | 33.60                        | 4.65  | 42.50       | 6.67  | 52.00       | 9.33  | 56.00       | 10.63 | 60.50       | 12.15 | 64.30       | 13.55 | 67.30       | 14.65 |
|        | 23                               | 33.60                        | 5.17  | 42.50       | 7.37  | 52.00       | 10.31 | 56.00       | 11.72 | 60.50       | 13.22 | 64.30       | 14.55 | 67.30       | 15.64 |
|        | 25                               | 33.60                        | 5.77  | 42.50       | 8.24  | 52.00       | 11.41 | 56.00       | 12.73 | 60.50       | 14.14 | 64.30       | 15.54 | 67.30       | 16.68 |
|        | 27                               | 33.60                        | 6.46  | 42.50       | 9.23  | 52.00       | 12.16 | 56.00       | 13.57 | 60.50       | 15.27 | 64.30       | 16.84 | 67.30       | 17.89 |
|        | 29                               | 33.60                        | 7.28  | 42.50       | 9.84  | 52.00       | 12.97 | 56.00       | 14.46 | 60.50       | 16.28 | 64.30       | 17.95 | 67.30       | 19.34 |
|        | 31                               | 33.60                        | 7.90  | 42.50       | 10.49 | 52.00       | 13.83 | 56.00       | 15.42 | 60.50       | 17.36 | 64.30       | 19.15 | 67.30       | 20.64 |
|        | 33                               | 33.60                        | 8.42  | 42.50       | 11.19 | 52.00       | 14.75 | 56.00       | 16.45 | 60.50       | 18.52 | 64.30       | 20.45 | 67.30       | 22.04 |
|        | 35                               | 33.60                        | 8.98  | 42.50       | 11.94 | 52.00       | 15.73 | 56.00       | 17.54 | 60.50       | 19.79 | 64.30       | 21.88 | 67.30       | 23.35 |
| 90     | 37                               | 33.60                        | 9.57  | 42.50       | 12.73 | 52.00       | 16.79 | 56.00       | 18.75 | 60.50       | 21.17 | 64.30       | 23.46 | 67.30       | 24.78 |
|        | 39                               | 33.60                        | 10.21 | 42.50       | 13.58 | 52.00       | 17.93 | 56.00       | 20.05 | 60.50       | 22.33 | 64.30       | 23.75 | 66.90       | 24.71 |
|        | 41                               | 33.60                        | 10.90 | 42.50       | 14.49 | 52.00       | 19.16 | 56.00       | 20.76 | 60.50       | 22.43 | 61.80       | 22.94 | 61.90       | 22.94 |
|        | 43                               | 33.60                        | 11.63 | 42.50       | 15.46 | 52.00       | 19.57 | 56.00       | 21.07 | 56.90       | 21.44 | 57.00       | 21.46 | 57.00       | 21.45 |
|        | 46                               | 33.60                        | 12.82 | 42.50       | 16.69 | 50.00       | 19.66 | 50.10       | 19.67 | 50.10       | 19.67 | 50.10       | 19.67 | 50.00       | 19.64 |
|        | 48                               | 33.60                        | 13.68 | 42.50       | 17.68 | 45.80       | 19.04 | 45.70       | 19.03 | 45.70       | 19.01 | 45.70       | 19.01 | 45.70       | 19.01 |
|        | 50                               | 33.60                        | 14.60 | 41.60       | 18.14 | 41.60       | 18.13 | 41.60       | 18.13 | 41.50       | 18.11 | 41.50       | 18.10 | 41.50       | 18.10 |
|        | 52                               | 33.60                        | 14.82 | 36.70       | 16.16 | 37.00       | 16.11 | 37.20       | 15.86 | 37.40       | 15.60 | 37.60       | 15.35 | 37.60       | 15.15 |
|        | 10                               | 30.30                        | 3.22  | 38.20       | 3.84  | 46.80       | 4.79  | 50.40       | 5.31  | 54.40       | 5.98  | 57.90       | 6.62  | 60.60       | 7.19  |
|        | 12                               | 30.30                        | 3.29  | 38.20       | 4.15  | 46.80       | 5.26  | 50.40       | 5.85  | 54.40       | 6.60  | 57.90       | 7.32  | 60.60       | 7.95  |
|        | 14                               | 30.30                        | 3.33  | 38.20       | 4.29  | 46.80       | 5.62  | 50.40       | 6.44  | 54.40       | 7.29  | 57.90       | 8.09  | 60.60       | 8.78  |
|        | 16                               | 30.30                        | 3.41  | 38.20       | 4.39  | 46.80       | 6.15  | 50.40       | 7.01  | 54.40       | 8.04  | 57.90       | 8.94  | 60.60       | 9.70  |
|        | 18                               | 30.30                        | 3.45  | 38.20       | 4.86  | 46.80       | 6.73  | 50.40       | 7.65  | 54.40       | 8.75  | 57.90       | 9.86  | 60.60       | 10.58 |
|        | 20                               | 30.30                        | 3.83  | 38.20       | 5.37  | 46.80       | 7.46  | 50.40       | 8.44  | 54.40       | 9.62  | 57.90       | 10.73 | 60.60       | 11.65 |
|        | 21                               | 30.30                        | 3.99  | 38.20       | 5.65  | 46.80       | 7.82  | 50.40       | 8.84  | 54.40       | 10.13 | 57.90       | 11.27 | 60.60       | 12.16 |
|        | 23                               | 30.30                        | 4.44  | 38.20       | 6.26  | 46.80       | 8.68  | 50.40       | 9.78  | 54.40       | 11.18 | 57.90       | 12.40 | 60.60       | 13.28 |
|        | 25                               | 30.30                        | 4.98  | 38.20       | 6.97  | 46.80       | 9.66  | 50.40       | 10.91 | 54.40       | 12.20 | 57.90       | 13.39 | 60.60       | 14.21 |
|        | 27                               | 30.30                        | 5.53  | 38.20       | 7.84  | 46.80       | 10.49 | 50.40       | 11.63 | 54.40       | 13.01 | 57.90       | 14.27 | 60.60       | 15.31 |
|        | 29                               | 30.30                        | 6.25  | 38.20       | 8.62  | 46.80       | 11.19 | 50.40       | 12.40 | 54.40       | 13.87 | 57.90       | 15.21 | 60.60       | 16.32 |
|        | 31                               | 30.30                        | 7.04  | 38.20       | 9.19  | 46.80       | 11.93 | 50.40       | 13.23 | 54.40       | 14.79 | 57.90       | 16.22 | 60.60       | 17.41 |
|        | 33                               | 30.30                        | 7.49  | 38.20       | 9.80  | 46.80       | 12.72 | 50.40       | 14.11 | 54.40       | 15.78 | 57.90       | 17.30 | 60.60       | 18.58 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 30.30                        | 7.98  | 38.20       | 10.45 | 46.80       | 13.57 | 50.40       | 15.05 | 54.40       | 16.83 | 57.90       | 18.47 | 60.60       | 19.84 |
|        | 37                              | 30.30                        | 8.51  | 38.20       | 11.14 | 46.80       | 14.48 | 50.40       | 16.05 | 54.40       | 17.97 | 57.90       | 19.74 | 60.60       | 21.23 |
|        | 39                              | 30.30                        | 9.08  | 38.20       | 11.89 | 46.80       | 15.45 | 50.40       | 17.14 | 54.40       | 19.20 | 57.90       | 21.13 | 60.60       | 22.37 |
|        | 41                              | 30.30                        | 9.69  | 38.20       | 12.68 | 46.80       | 16.49 | 50.40       | 18.31 | 54.40       | 20.19 | 57.90       | 21.47 | 60.60       | 22.47 |
|        | 43                              | 30.30                        | 10.34 | 38.20       | 13.53 | 46.80       | 17.61 | 50.40       | 18.97 | 54.40       | 20.49 | 57.00       | 21.46 | 57.00       | 21.45 |
|        | 46                              | 30.30                        | 11.40 | 38.20       | 14.91 | 46.80       | 18.38 | 50.10       | 19.69 | 50.10       | 19.67 | 50.00       | 19.67 | 50.10       | 19.67 |
|        | 48                              | 30.30                        | 12.17 | 38.20       | 15.92 | 45.80       | 19.05 | 45.70       | 19.03 | 45.70       | 19.02 | 45.70       | 19.01 | 45.70       | 19.01 |
|        | 50                              | 30.30                        | 12.99 | 38.20       | 16.68 | 41.60       | 18.17 | 41.60       | 18.16 | 41.60       | 18.14 | 41.60       | 18.13 | 41.60       | 18.13 |
|        | 52                              | 30.30                        | 13.87 | 36.50       | 16.08 | 36.90       | 16.35 | 37.10       | 16.10 | 37.30       | 15.83 | 37.40       | 15.58 | 37.60       | 15.39 |
| 80     | 10                              | 26.90                        | 2.95  | 34.00       | 3.48  | 41.60       | 4.17  | 44.80       | 4.54  | 48.40       | 5.01  | 51.40       | 5.47  | 53.90       | 5.87  |
|        | 12                              | 26.90                        | 2.96  | 34.00       | 3.73  | 41.60       | 4.54  | 44.80       | 4.97  | 48.40       | 5.51  | 51.40       | 6.03  | 53.90       | 6.48  |
|        | 14                              | 26.90                        | 2.99  | 34.00       | 3.79  | 41.60       | 4.78  | 44.80       | 5.24  | 48.40       | 5.92  | 51.40       | 6.65  | 53.90       | 7.16  |
|        | 16                              | 26.90                        | 3.03  | 34.00       | 3.84  | 41.60       | 5.06  | 44.80       | 5.69  | 48.40       | 6.54  | 51.40       | 7.26  | 53.90       | 7.90  |
|        | 18                              | 26.90                        | 3.11  | 34.00       | 4.08  | 41.60       | 5.57  | 44.80       | 6.30  | 48.40       | 7.14  | 51.40       | 7.93  | 53.90       | 8.63  |
|        | 20                              | 26.90                        | 3.28  | 34.00       | 4.46  | 41.60       | 6.13  | 44.80       | 6.93  | 48.40       | 7.89  | 51.40       | 8.73  | 53.90       | 9.49  |
|        | 21                              | 26.90                        | 3.42  | 34.00       | 4.70  | 41.60       | 6.45  | 44.80       | 7.27  | 48.40       | 8.27  | 51.40       | 9.21  | 53.90       | 9.92  |
|        | 23                              | 26.90                        | 3.80  | 34.00       | 5.23  | 41.60       | 7.13  | 44.80       | 8.09  | 48.40       | 9.17  | 51.40       | 10.11 | 53.90       | 10.95 |
|        | 25                              | 26.90                        | 4.21  | 34.00       | 5.84  | 41.60       | 7.98  | 44.80       | 8.95  | 48.40       | 10.20 | 51.40       | 11.24 | 53.90       | 12.01 |
|        | 27                              | 26.90                        | 4.75  | 34.00       | 6.55  | 41.60       | 8.98  | 44.80       | 9.89  | 48.40       | 10.99 | 51.40       | 11.99 | 53.90       | 12.81 |
|        | 29                              | 26.90                        | 5.38  | 34.00       | 7.36  | 41.60       | 9.57  | 44.80       | 10.55 | 48.40       | 11.72 | 51.40       | 12.78 | 53.90       | 13.66 |
|        | 31                              | 26.90                        | 6.06  | 34.00       | 7.99  | 41.60       | 10.21 | 44.80       | 11.25 | 48.40       | 12.50 | 51.40       | 13.63 | 53.90       | 14.56 |
|        | 33                              | 26.90                        | 6.63  | 34.00       | 8.52  | 41.60       | 10.89 | 44.80       | 12.00 | 48.40       | 13.33 | 51.40       | 14.54 | 53.90       | 15.53 |
|        | 35                              | 26.90                        | 7.06  | 34.00       | 9.08  | 41.60       | 11.61 | 44.80       | 12.79 | 48.40       | 14.22 | 51.40       | 15.50 | 53.90       | 16.57 |
|        | 37                              | 26.90                        | 7.52  | 34.00       | 9.68  | 41.60       | 12.39 | 44.80       | 13.65 | 48.40       | 15.16 | 51.40       | 16.54 | 53.90       | 17.69 |
|        | 39                              | 26.90                        | 8.02  | 34.00       | 10.33 | 41.60       | 13.21 | 44.80       | 14.56 | 48.40       | 16.18 | 51.40       | 17.67 | 53.90       | 18.90 |
|        | 41                              | 26.90                        | 8.56  | 34.00       | 11.02 | 41.60       | 14.10 | 44.80       | 15.54 | 48.40       | 17.28 | 51.40       | 18.88 | 53.90       | 19.97 |
|        | 43                              | 26.90                        | 9.14  | 34.00       | 11.76 | 41.60       | 15.04 | 44.80       | 16.58 | 48.40       | 18.21 | 51.40       | 19.37 | 53.90       | 20.27 |
|        | 46                              | 26.90                        | 10.08 | 34.00       | 12.97 | 41.60       | 16.34 | 44.80       | 17.60 | 48.40       | 19.01 | 50.00       | 19.66 | 50.00       | 19.66 |
|        | 48                              | 26.90                        | 10.77 | 34.00       | 13.84 | 41.60       | 17.30 | 44.80       | 18.64 | 45.70       | 19.03 | 45.70       | 19.01 | 45.70       | 19.00 |
|        | 50                              | 26.90                        | 11.50 | 34.00       | 14.77 | 41.60       | 18.14 | 41.60       | 18.16 | 41.60       | 18.14 | 41.60       | 18.13 | 41.50       | 18.12 |
|        | 52                              | 26.90                        | 12.28 | 34.00       | 14.97 | 36.70       | 16.17 | 36.90       | 16.24 | 37.10       | 16.14 | 37.20       | 15.88 | 37.40       | 15.69 |
| 70     | 10                              | 23.60                        | 2.44  | 29.70       | 3.19  | 36.40       | 3.67  | 39.20       | 3.93  | 42.30       | 4.25  | 45.00       | 4.57  | 47.10       | 4.84  |
|        | 12                              | 23.60                        | 2.65  | 29.70       | 3.22  | 36.40       | 3.96  | 39.20       | 4.26  | 42.30       | 4.64  | 45.00       | 5.00  | 47.10       | 5.31  |
|        | 14                              | 23.60                        | 2.68  | 29.70       | 3.30  | 36.40       | 4.06  | 39.20       | 4.43  | 42.30       | 4.88  | 45.00       | 5.29  | 47.10       | 5.69  |
|        | 16                              | 23.60                        | 2.72  | 29.70       | 3.34  | 36.40       | 4.15  | 39.20       | 4.59  | 42.30       | 5.19  | 45.00       | 5.76  | 47.10       | 6.22  |
|        | 18                              | 23.60                        | 2.75  | 29.70       | 3.42  | 36.40       | 4.51  | 39.20       | 5.06  | 42.30       | 5.71  | 45.00       | 6.32  | 47.10       | 6.81  |
|        | 20                              | 23.60                        | 2.81  | 29.70       | 3.73  | 36.40       | 4.94  | 39.20       | 5.58  | 42.30       | 6.29  | 45.00       | 6.95  | 47.10       | 7.54  |
|        | 21                              | 23.60                        | 2.95  | 29.70       | 3.93  | 36.40       | 5.21  | 39.20       | 5.87  | 42.30       | 6.61  | 45.00       | 7.35  | 47.10       | 7.90  |
|        | 23                              | 23.60                        | 3.23  | 29.70       | 4.32  | 36.40       | 5.78  | 39.20       | 6.50  | 42.30       | 7.36  | 45.00       | 8.11  | 47.10       | 8.77  |
|        | 25                              | 23.60                        | 3.57  | 29.70       | 4.85  | 36.40       | 6.50  | 39.20       | 7.29  | 42.30       | 8.17  | 45.00       | 9.04  | 47.10       | 9.76  |
|        | 27                              | 23.60                        | 3.98  | 29.70       | 5.44  | 36.40       | 7.26  | 39.20       | 8.14  | 42.30       | 9.19  | 45.00       | 9.96  | 47.10       | 10.59 |
|        | 29                              | 23.60                        | 4.52  | 29.70       | 6.16  | 36.40       | 8.12  | 39.20       | 8.88  | 42.30       | 9.79  | 45.00       | 10.62 | 47.10       | 11.30 |
|        | 31                              | 23.60                        | 5.12  | 29.70       | 6.90  | 36.40       | 8.65  | 39.20       | 9.47  | 42.30       | 10.45 | 45.00       | 11.33 | 47.10       | 12.05 |
|        | 33                              | 23.60                        | 5.76  | 29.70       | 7.35  | 36.40       | 9.22  | 39.20       | 10.10 | 42.30       | 11.14 | 45.00       | 12.08 | 47.10       | 12.85 |
|        | 35                              | 23.60                        | 6.21  | 29.70       | 7.83  | 36.40       | 9.84  | 39.20       | 10.77 | 42.30       | 11.88 | 45.00       | 12.88 | 47.10       | 13.71 |
|        | 37                              | 23.60                        | 6.61  | 29.70       | 8.34  | 36.40       | 10.49 | 39.20       | 11.49 | 42.30       | 12.68 | 45.00       | 13.74 | 47.10       | 14.62 |
|        | 39                              | 23.60                        | 7.04  | 29.70       | 8.90  | 36.40       | 11.20 | 39.20       | 12.26 | 42.30       | 13.52 | 45.00       | 14.66 | 47.10       | 15.60 |
|        | 41                              | 23.60                        | 7.51  | 29.70       | 9.50  | 36.40       | 11.94 | 39.20       | 13.08 | 42.30       | 14.43 | 45.00       | 15.65 | 47.10       | 16.65 |
|        | 43                              | 23.60                        | 8.02  | 29.70       | 10.14 | 36.40       | 12.74 | 39.20       | 13.95 | 42.30       | 15.39 | 45.00       | 16.70 | 47.10       | 17.78 |
|        | 46                              | 23.60                        | 8.85  | 29.70       | 11.18 | 36.40       | 14.05 | 39.20       | 15.38 | 42.30       | 16.64 | 45.00       | 17.69 | 47.10       | 18.52 |
|        | 48                              | 23.60                        | 9.46  | 29.70       | 11.94 | 36.40       | 14.99 | 39.20       | 16.42 | 42.30       | 17.62 | 45.00       | 18.73 | 45.80       | 19.04 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 23.60                        | 10.11 | 29.70       | 12.74 | 36.40       | 16.00 | 39.20       | 17.09 | 41.60       | 18.16 | 41.60       | 18.13 | 41.60       | 18.15 |
|        | 52                              | 23.60                        | 10.80 | 29.70       | 13.60 | 36.40       | 16.02 | 36.60       | 16.12 | 36.80       | 16.20 | 37.00       | 16.29 | 37.10       | 16.09 |
| 60     | 10                              | 20.20                        | 1.92  | 25.50       | 2.72  | 31.20       | 3.28  | 33.60       | 3.45  | 36.30       | 3.66  | 38.60       | 3.87  | 40.40       | 4.05  |
|        | 12                              | 20.20                        | 2.35  | 25.50       | 2.81  | 31.20       | 3.37  | 33.60       | 3.69  | 36.30       | 3.95  | 38.60       | 4.19  | 40.40       | 4.40  |
|        | 14                              | 20.20                        | 2.38  | 25.50       | 2.85  | 31.20       | 3.45  | 33.60       | 3.75  | 36.30       | 4.07  | 38.60       | 4.34  | 40.40       | 4.62  |
|        | 16                              | 20.20                        | 2.41  | 25.50       | 2.88  | 31.20       | 3.49  | 33.60       | 3.79  | 36.30       | 4.16  | 38.60       | 4.46  | 40.40       | 4.84  |
|        | 18                              | 20.20                        | 2.44  | 25.50       | 2.96  | 31.20       | 3.62  | 33.60       | 4.02  | 36.30       | 4.48  | 38.60       | 4.92  | 40.40       | 5.28  |
|        | 20                              | 20.20                        | 2.47  | 25.50       | 3.08  | 31.20       | 3.96  | 33.60       | 4.40  | 36.30       | 4.95  | 38.60       | 5.43  | 40.40       | 5.88  |
|        | 21                              | 20.20                        | 2.50  | 25.50       | 3.20  | 31.20       | 4.18  | 33.60       | 4.63  | 36.30       | 5.21  | 38.60       | 5.72  | 40.40       | 6.18  |
|        | 23                              | 20.20                        | 2.71  | 25.50       | 3.55  | 31.20       | 4.65  | 33.60       | 5.16  | 36.30       | 5.79  | 38.60       | 6.33  | 40.40       | 6.84  |
|        | 25                              | 20.20                        | 2.99  | 25.50       | 3.94  | 31.20       | 5.15  | 33.60       | 5.76  | 36.30       | 6.45  | 38.60       | 7.12  | 40.40       | 7.59  |
|        | 27                              | 20.20                        | 3.32  | 25.50       | 4.38  | 31.20       | 5.78  | 33.60       | 6.45  | 36.30       | 7.21  | 38.60       | 7.94  | 40.40       | 8.52  |
|        | 29                              | 20.20                        | 3.73  | 25.50       | 4.98  | 31.20       | 6.52  | 33.60       | 7.26  | 36.30       | 8.10  | 38.60       | 8.72  | 40.40       | 9.22  |
|        | 31                              | 20.20                        | 4.28  | 25.50       | 5.68  | 31.20       | 7.26  | 33.60       | 7.89  | 36.30       | 8.63  | 38.60       | 9.29  | 40.40       | 9.83  |
|        | 33                              | 20.20                        | 4.90  | 25.50       | 6.29  | 31.20       | 7.73  | 33.60       | 8.40  | 36.30       | 9.20  | 38.60       | 9.91  | 40.40       | 10.49 |
|        | 35                              | 20.20                        | 5.35  | 25.50       | 6.69  | 31.20       | 8.24  | 33.60       | 8.96  | 36.30       | 9.81  | 38.60       | 10.57 | 40.40       | 11.19 |
|        | 37                              | 20.20                        | 5.69  | 25.50       | 7.12  | 31.20       | 8.79  | 33.60       | 9.55  | 36.30       | 10.46 | 38.60       | 11.27 | 40.40       | 11.93 |
|        | 39                              | 20.20                        | 6.13  | 25.50       | 7.60  | 31.20       | 9.38  | 33.60       | 10.19 | 36.30       | 11.16 | 38.60       | 12.03 | 40.40       | 12.73 |
|        | 41                              | 20.20                        | 6.54  | 25.50       | 8.10  | 31.20       | 10.01 | 33.60       | 10.88 | 36.30       | 11.91 | 38.60       | 12.83 | 40.40       | 13.58 |
|        | 43                              | 20.20                        | 6.98  | 25.50       | 8.65  | 31.20       | 10.68 | 33.60       | 11.61 | 36.30       | 12.70 | 38.60       | 13.69 | 40.40       | 14.49 |
|        | 46                              | 20.20                        | 7.71  | 25.50       | 9.55  | 31.20       | 11.78 | 33.60       | 12.79 | 36.30       | 14.00 | 38.60       | 15.09 | 40.40       | 15.98 |
|        | 48                              | 20.20                        | 8.24  | 25.50       | 10.20 | 31.20       | 12.57 | 33.60       | 13.65 | 36.30       | 14.94 | 38.60       | 16.10 | 40.40       | 16.81 |
|        | 50                              | 20.20                        | 8.81  | 25.50       | 10.90 | 31.20       | 13.41 | 33.60       | 14.57 | 36.30       | 15.95 | 38.60       | 16.83 | 40.40       | 17.62 |
|        | 52                              | 20.20                        | 9.43  | 25.50       | 11.64 | 31.20       | 14.31 | 33.60       | 14.79 | 36.30       | 15.98 | 36.60       | 16.11 | 36.70       | 16.17 |
| 50     | 10                              | 16.80                        | 1.51  | 21.20       | 2.07  | 26.00       | 2.80  | 28.00       | 3.03  | 30.20       | 3.22  | 32.20       | 3.35  | 33.70       | 3.45  |
|        | 12                              | 16.80                        | 2.09  | 21.20       | 2.45  | 26.00       | 2.85  | 28.00       | 3.07  | 30.20       | 3.30  | 32.20       | 3.50  | 33.70       | 3.70  |
|        | 14                              | 16.80                        | 2.12  | 21.20       | 2.48  | 26.00       | 2.92  | 28.00       | 3.11  | 30.20       | 3.34  | 32.20       | 3.55  | 33.70       | 3.76  |
|        | 16                              | 16.80                        | 2.15  | 21.20       | 2.51  | 26.00       | 2.96  | 28.00       | 3.14  | 30.20       | 3.42  | 32.20       | 3.63  | 33.70       | 3.80  |
|        | 18                              | 16.80                        | 2.15  | 21.20       | 2.55  | 26.00       | 2.99  | 28.00       | 3.22  | 30.20       | 3.46  | 32.20       | 3.79  | 33.70       | 4.03  |
|        | 20                              | 16.80                        | 2.18  | 21.20       | 2.58  | 26.00       | 3.13  | 28.00       | 3.44  | 30.20       | 3.79  | 32.20       | 4.15  | 33.70       | 4.46  |
|        | 21                              | 16.80                        | 2.20  | 21.20       | 2.63  | 26.00       | 3.30  | 28.00       | 3.62  | 30.20       | 4.00  | 32.20       | 4.37  | 33.70       | 4.65  |
|        | 23                              | 16.80                        | 2.29  | 21.20       | 2.87  | 26.00       | 3.62  | 28.00       | 3.99  | 30.20       | 4.45  | 32.20       | 4.87  | 33.70       | 5.18  |
|        | 25                              | 16.80                        | 2.49  | 21.20       | 3.16  | 26.00       | 4.06  | 28.00       | 4.47  | 30.20       | 4.93  | 32.20       | 5.39  | 33.70       | 5.77  |
|        | 27                              | 16.80                        | 2.76  | 21.20       | 3.52  | 26.00       | 4.52  | 28.00       | 4.98  | 30.20       | 5.54  | 32.20       | 6.05  | 33.70       | 6.48  |
|        | 29                              | 16.80                        | 3.08  | 21.20       | 4.01  | 26.00       | 5.13  | 28.00       | 5.64  | 30.20       | 6.26  | 32.20       | 6.87  | 33.70       | 7.29  |
|        | 31                              | 16.80                        | 3.50  | 21.20       | 4.53  | 26.00       | 5.79  | 28.00       | 6.41  | 30.20       | 7.03  | 32.20       | 7.51  | 33.70       | 7.90  |
|        | 33                              | 16.80                        | 4.02  | 21.20       | 5.24  | 26.00       | 6.34  | 28.00       | 6.90  | 30.20       | 7.48  | 32.20       | 8.00  | 33.70       | 8.42  |
|        | 35                              | 16.80                        | 4.54  | 21.20       | 5.58  | 26.00       | 6.82  | 28.00       | 7.35  | 30.20       | 7.97  | 32.20       | 8.53  | 33.70       | 8.98  |
|        | 37                              | 16.80                        | 4.89  | 21.20       | 6.02  | 26.00       | 7.26  | 28.00       | 7.83  | 30.20       | 8.50  | 32.20       | 9.09  | 33.70       | 9.58  |
|        | 39                              | 16.80                        | 5.20  | 21.20       | 6.41  | 26.00       | 7.74  | 28.00       | 8.35  | 30.20       | 9.07  | 32.20       | 9.70  | 33.70       | 10.22 |
|        | 41                              | 16.80                        | 5.54  | 21.20       | 6.83  | 26.00       | 8.26  | 28.00       | 8.91  | 30.20       | 9.67  | 32.20       | 10.35 | 33.70       | 10.90 |
|        | 43                              | 16.80                        | 5.91  | 21.20       | 7.29  | 26.00       | 8.82  | 28.00       | 9.51  | 30.20       | 10.33 | 32.20       | 11.05 | 33.70       | 11.63 |
|        | 46                              | 16.80                        | 6.54  | 21.20       | 8.06  | 26.00       | 9.74  | 28.00       | 10.50 | 30.20       | 11.39 | 32.20       | 12.18 | 33.70       | 12.82 |
|        | 48                              | 16.80                        | 7.02  | 21.20       | 8.61  | 26.00       | 10.40 | 28.00       | 11.21 | 30.20       | 12.15 | 32.20       | 13.00 | 33.70       | 13.68 |
|        | 50                              | 16.80                        | 7.55  | 21.20       | 9.21  | 26.00       | 11.11 | 28.00       | 11.96 | 30.20       | 12.97 | 32.20       | 13.87 | 33.70       | 14.60 |
|        | 52                              | 16.80                        | 8.13  | 21.20       | 9.85  | 26.00       | 11.86 | 28.00       | 12.77 | 30.20       | 13.85 | 32.20       | 14.16 | 33.70       | 14.82 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM220LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 61.00                        | 9.34  | 72.70       | 11.41 | 77.90       | 13.24 | 80.10       | 13.51 | 82.30       | 13.61 | 86.30       | 13.72 | 88.50       | 13.78 |
|        | 12                               | 61.00                        | 9.57  | 72.70       | 11.82 | 77.90       | 13.78 | 80.10       | 13.87 | 82.30       | 13.98 | 86.30       | 14.09 | 88.50       | 14.22 |
|        | 14                               | 61.00                        | 9.89  | 72.70       | 12.25 | 77.90       | 14.30 | 80.10       | 14.40 | 82.30       | 14.52 | 86.30       | 14.63 | 88.50       | 14.76 |
|        | 16                               | 61.00                        | 10.25 | 72.70       | 12.67 | 77.90       | 14.94 | 80.10       | 15.08 | 82.30       | 15.20 | 86.30       | 15.33 | 88.50       | 15.46 |
|        | 18                               | 61.00                        | 10.68 | 72.70       | 13.41 | 77.90       | 15.63 | 80.10       | 15.96 | 82.30       | 16.09 | 86.30       | 16.25 | 88.50       | 16.36 |
|        | 20                               | 61.00                        | 11.15 | 72.70       | 14.28 | 77.90       | 16.40 | 80.10       | 17.56 | 82.30       | 17.70 | 86.30       | 18.14 | 88.50       | 18.26 |
|        | 21                               | 61.00                        | 11.44 | 72.70       | 14.78 | 77.90       | 16.74 | 80.10       | 18.58 | 82.30       | 18.73 | 86.30       | 19.30 | 88.50       | 19.42 |
|        | 23                               | 61.00                        | 12.28 | 72.70       | 15.55 | 77.90       | 17.61 | 80.10       | 20.50 | 82.30       | 20.93 | 86.30       | 21.62 | 88.50       | 21.75 |
|        | 25                               | 61.00                        | 13.11 | 72.70       | 16.45 | 77.90       | 18.82 | 80.10       | 23.01 | 82.30       | 23.56 | 86.30       | 24.26 | 88.50       | 24.40 |
|        | 27                               | 61.00                        | 14.03 | 72.70       | 17.58 | 77.90       | 20.31 | 80.10       | 25.75 | 82.30       | 26.25 | 86.30       | 27.05 | 88.50       | 27.26 |
|        | 29                               | 61.00                        | 14.95 | 72.70       | 18.80 | 77.90       | 22.21 | 80.10       | 28.72 | 82.30       | 29.26 | 86.30       | 30.08 | 88.50       | 30.14 |
|        | 31                               | 61.00                        | 15.95 | 72.70       | 19.86 | 77.90       | 24.02 | 80.10       | 29.01 | 82.30       | 29.57 | 85.70       | 30.22 | 88.10       | 30.34 |
|        | 33                               | 61.00                        | 17.00 | 72.70       | 21.42 | 77.90       | 26.11 | 80.10       | 29.15 | 82.20       | 29.68 | 84.60       | 29.95 | 86.80       | 30.07 |
|        | 35                               | 61.00                        | 18.12 | 72.70       | 22.83 | 77.90       | 28.77 | 79.80       | 29.12 | 81.10       | 29.30 | 83.30       | 29.56 | 85.70       | 29.67 |
|        | 37                               | 61.00                        | 19.33 | 72.70       | 24.30 | 77.40       | 28.59 | 78.40       | 28.74 | 79.80       | 28.91 | 82.00       | 29.17 | 84.40       | 29.28 |
|        | 39                               | 61.00                        | 20.58 | 72.70       | 26.04 | 76.00       | 28.21 | 77.40       | 28.35 | 78.40       | 28.52 | 80.90       | 28.78 | 83.30       | 28.89 |
|        | 41                               | 61.00                        | 22.61 | 70.60       | 27.95 | 72.90       | 28.08 | 74.00       | 28.22 | 75.50       | 28.39 | 77.70       | 28.65 | 79.80       | 28.76 |
|        | 43                               | 61.00                        | 24.68 | 67.60       | 27.81 | 70.00       | 27.95 | 71.00       | 28.09 | 72.40       | 28.26 | 74.70       | 28.51 | 76.70       | 28.63 |
|        | 46                               | 59.10                        | 27.67 | 61.70       | 27.61 | 63.90       | 27.75 | 64.90       | 27.89 | 66.30       | 28.06 | 68.30       | 28.31 | 70.20       | 28.42 |
|        | 48                               | 52.20                        | 27.15 | 53.60       | 27.23 | 55.60       | 27.29 | 56.40       | 27.37 | 57.70       | 27.60 | 59.50       | 27.78 | 61.20       | 27.89 |
|        | 50                               | 45.40                        | 26.63 | 45.50       | 26.85 | 47.20       | 26.82 | 48.00       | 26.83 | 49.00       | 27.14 | 50.70       | 27.23 | 52.10       | 27.34 |
|        | 52                               | 38.60                        | 26.09 | 37.30       | 26.46 | 38.90       | 26.35 | 39.50       | 26.29 | 40.40       | 26.66 | 41.80       | 26.68 | 43.00       | 26.79 |
| 120    | 10                               | 55.20                        | 8.40  | 65.60       | 10.30 | 71.70       | 12.24 | 73.90       | 13.23 | 76.10       | 13.43 | 80.20       | 13.49 | 82.20       | 13.60 |
|        | 12                               | 55.20                        | 8.63  | 65.60       | 10.65 | 71.70       | 12.73 | 73.90       | 13.51 | 76.10       | 13.93 | 80.20       | 14.10 | 82.20       | 14.21 |
|        | 14                               | 55.20                        | 8.92  | 65.60       | 11.01 | 71.70       | 13.24 | 73.90       | 14.02 | 76.10       | 14.44 | 80.20       | 14.66 | 82.20       | 14.77 |
|        | 16                               | 55.20                        | 9.24  | 65.60       | 11.46 | 71.70       | 13.76 | 73.90       | 14.54 | 76.10       | 15.11 | 80.20       | 15.30 | 82.20       | 15.42 |
|        | 18                               | 55.20                        | 9.61  | 65.60       | 11.97 | 71.70       | 14.31 | 73.90       | 15.31 | 76.10       | 15.89 | 80.20       | 16.07 | 82.20       | 16.19 |
|        | 20                               | 55.20                        | 9.97  | 65.60       | 12.70 | 71.70       | 15.08 | 73.90       | 16.11 | 76.10       | 16.73 | 80.20       | 16.95 | 82.20       | 17.08 |
|        | 21                               | 55.20                        | 10.27 | 65.60       | 13.16 | 71.70       | 15.50 | 73.90       | 16.58 | 76.10       | 17.28 | 80.20       | 17.50 | 82.20       | 17.64 |
|        | 23                               | 55.20                        | 10.98 | 65.60       | 14.07 | 71.70       | 16.61 | 73.90       | 17.62 | 76.10       | 18.42 | 80.20       | 18.61 | 82.20       | 18.75 |
|        | 25                               | 55.20                        | 11.74 | 65.60       | 15.08 | 71.70       | 17.52 | 73.90       | 18.78 | 76.10       | 19.75 | 80.20       | 20.16 | 82.20       | 20.32 |
|        | 27                               | 55.20                        | 12.53 | 65.60       | 16.12 | 71.70       | 18.64 | 73.90       | 20.07 | 76.10       | 21.23 | 80.20       | 21.97 | 82.20       | 22.13 |
|        | 29                               | 55.20                        | 13.36 | 65.60       | 17.21 | 71.70       | 19.61 | 73.90       | 21.48 | 76.10       | 22.99 | 80.20       | 23.98 | 82.20       | 24.08 |
|        | 31                               | 55.20                        | 14.24 | 65.60       | 18.38 | 71.70       | 20.63 | 73.90       | 23.31 | 76.10       | 24.99 | 80.20       | 26.12 | 82.20       | 26.30 |
|        | 33                               | 55.20                        | 15.16 | 65.60       | 19.59 | 71.70       | 22.12 | 73.90       | 25.73 | 76.10       | 27.28 | 80.20       | 28.33 | 82.20       | 28.50 |
|        | 35                               | 55.20                        | 16.12 | 65.60       | 20.88 | 71.70       | 23.82 | 73.90       | 28.84 | 76.10       | 29.33 | 80.10       | 30.14 | 82.20       | 30.38 |
|        | 37                               | 55.20                        | 17.34 | 65.60       | 22.03 | 71.70       | 25.77 | 73.90       | 28.63 | 76.10       | 29.22 | 78.80       | 29.51 | 80.90       | 29.74 |
|        | 39                               | 55.20                        | 18.67 | 65.60       | 23.37 | 71.70       | 27.81 | 73.90       | 28.54 | 75.30       | 28.82 | 77.70       | 28.90 | 79.80       | 29.13 |
|        | 41                               | 55.20                        | 20.71 | 65.60       | 25.99 | 70.30       | 28.09 | 71.30       | 28.33 | 72.30       | 28.47 | 74.40       | 28.56 | 76.50       | 28.78 |
|        | 43                               | 55.20                        | 22.87 | 65.10       | 26.78 | 67.40       | 27.71 | 68.40       | 27.98 | 69.40       | 28.12 | 71.40       | 28.20 | 73.50       | 28.43 |
|        | 46                               | 53.40                        | 25.76 | 59.40       | 26.51 | 61.60       | 27.22 | 62.50       | 27.44 | 63.40       | 27.58 | 65.30       | 27.66 | 67.30       | 27.88 |
|        | 48                               | 47.30                        | 25.47 | 51.60       | 26.29 | 53.50       | 26.94 | 54.30       | 27.10 | 55.10       | 27.19 | 56.80       | 27.30 | 58.60       | 27.41 |
|        | 50                               | 41.10                        | 25.18 | 43.70       | 26.06 | 45.50       | 26.65 | 46.20       | 26.76 | 46.90       | 26.79 | 48.40       | 26.93 | 49.80       | 26.92 |
|        | 52                               | 34.90                        | 24.88 | 35.90       | 25.83 | 37.40       | 26.36 | 38.00       | 26.40 | 38.60       | 26.39 | 39.90       | 26.55 | 41.10       | 26.43 |
| 110    | 10                               | 49.50                        | 7.55  | 59.00       | 9.21  | 65.90       | 10.94 | 67.70       | 11.84 | 72.00       | 12.74 | 73.70       | 13.10 | 78.70       | 13.31 |
|        | 12                               | 49.50                        | 7.79  | 59.00       | 9.52  | 65.90       | 11.39 | 67.70       | 12.17 | 72.00       | 13.22 | 73.70       | 13.65 | 78.70       | 13.96 |
|        | 14                               | 49.50                        | 8.03  | 59.00       | 9.95  | 65.90       | 11.91 | 67.70       | 12.78 | 72.00       | 13.89 | 73.70       | 14.28 | 78.70       | 14.58 |
|        | 16                               | 49.50                        | 8.32  | 59.00       | 10.31 | 65.90       | 12.40 | 67.70       | 13.33 | 72.00       | 14.53 | 73.70       | 14.92 | 78.70       | 15.19 |
|        | 18                               | 49.50                        | 8.63  | 59.00       | 10.74 | 65.90       | 13.11 | 67.70       | 14.04 | 72.00       | 15.32 | 73.70       | 15.63 | 78.70       | 15.92 |
|        | 20                               | 49.50                        | 8.94  | 59.00       | 11.28 | 65.90       | 13.91 | 67.70       | 14.69 | 72.00       | 16.07 | 73.70       | 16.46 | 78.70       | 16.73 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 49.50                        | 9.13  | 59.00       | 11.61 | 65.90       | 14.26 | 67.70       | 15.08 | 72.00       | 16.51 | 73.70       | 16.93 | 78.70       | 17.20 |
|        | 23                              | 49.50                        | 9.73  | 59.00       | 12.45 | 65.90       | 15.06 | 67.70       | 15.92 | 72.00       | 17.45 | 73.70       | 17.82 | 78.70       | 18.12 |
|        | 25                              | 49.50                        | 10.40 | 59.00       | 13.28 | 65.90       | 15.91 | 67.70       | 16.83 | 72.00       | 18.43 | 73.70       | 18.70 | 78.70       | 19.31 |
|        | 27                              | 49.50                        | 11.11 | 59.00       | 14.20 | 65.90       | 16.81 | 67.70       | 17.81 | 72.00       | 19.25 | 73.70       | 19.69 | 78.70       | 20.58 |
|        | 29                              | 49.50                        | 11.86 | 59.00       | 15.16 | 65.90       | 17.77 | 67.70       | 18.87 | 72.00       | 20.34 | 73.70       | 20.69 | 78.70       | 21.86 |
|        | 31                              | 49.50                        | 12.61 | 59.00       | 16.16 | 65.90       | 18.78 | 67.70       | 19.99 | 72.00       | 21.73 | 73.70       | 22.09 | 78.70       | 23.29 |
|        | 33                              | 49.50                        | 13.45 | 59.00       | 17.21 | 65.90       | 19.84 | 67.70       | 21.18 | 72.00       | 23.27 | 73.70       | 23.63 | 78.70       | 24.72 |
|        | 35                              | 49.50                        | 14.28 | 59.00       | 18.38 | 65.90       | 20.95 | 67.70       | 22.44 | 72.00       | 24.98 | 73.70       | 25.19 | 78.60       | 26.26 |
|        | 37                              | 49.50                        | 15.14 | 59.00       | 19.50 | 65.90       | 22.12 | 67.70       | 24.11 | 72.00       | 26.81 | 73.70       | 26.77 | 77.30       | 27.48 |
|        | 39                              | 49.50                        | 16.32 | 59.00       | 20.72 | 65.90       | 23.77 | 67.70       | 26.26 | 72.00       | 28.54 | 73.70       | 28.54 | 76.20       | 28.74 |
|        | 41                              | 49.50                        | 18.13 | 59.00       | 22.73 | 65.90       | 26.43 | 67.70       | 29.92 | 69.20       | 30.18 | 71.20       | 30.42 | 73.00       | 30.66 |
|        | 43                              | 49.50                        | 19.70 | 59.00       | 24.50 | 64.50       | 28.89 | 65.50       | 29.22 | 66.40       | 29.15 | 68.40       | 29.32 | 70.10       | 29.40 |
|        | 46                              | 47.90                        | 20.14 | 57.10       | 24.78 | 58.80       | 27.80 | 59.90       | 27.80 | 60.60       | 28.04 | 62.50       | 28.20 | 64.10       | 28.27 |
|        | 48                              | 42.40                        | 19.74 | 49.60       | 24.10 | 51.10       | 26.70 | 52.00       | 26.88 | 52.70       | 27.01 | 54.30       | 27.09 | 55.80       | 27.20 |
|        | 50                              | 36.80                        | 19.34 | 42.20       | 23.40 | 43.40       | 25.58 | 44.20       | 25.94 | 44.80       | 25.96 | 46.20       | 25.96 | 47.50       | 26.10 |
|        | 52                              | 31.30                        | 18.93 | 34.70       | 22.69 | 35.60       | 24.44 | 36.40       | 24.99 | 36.90       | 24.89 | 38.10       | 24.80 | 39.10       | 24.98 |
| 100    | 10                              | 41.60                        | 6.80  | 49.50       | 8.27  | 57.60       | 9.81  | 61.60       | 10.60 | 65.60       | 11.39 | 72.70       | 12.68 | 74.30       | 12.78 |
|        | 12                              | 41.60                        | 7.02  | 49.50       | 8.61  | 57.60       | 10.14 | 61.60       | 10.89 | 65.60       | 11.75 | 72.70       | 13.36 | 74.30       | 13.49 |
|        | 14                              | 41.60                        | 7.24  | 49.50       | 8.95  | 57.60       | 10.57 | 61.60       | 11.36 | 65.60       | 12.26 | 72.70       | 14.11 | 74.30       | 14.24 |
|        | 16                              | 41.60                        | 7.46  | 49.50       | 9.25  | 57.60       | 11.02 | 61.60       | 11.89 | 65.60       | 12.92 | 72.70       | 14.79 | 74.30       | 15.00 |
|        | 18                              | 41.60                        | 7.68  | 49.50       | 9.59  | 57.60       | 11.45 | 61.60       | 12.48 | 65.60       | 13.70 | 72.70       | 15.62 | 74.30       | 15.75 |
|        | 20                              | 41.60                        | 7.96  | 49.50       | 9.95  | 57.60       | 12.11 | 61.60       | 13.36 | 65.60       | 14.66 | 72.70       | 16.37 | 74.30       | 16.50 |
|        | 21                              | 41.60                        | 8.12  | 49.50       | 10.19 | 57.60       | 12.53 | 61.60       | 13.82 | 65.60       | 15.20 | 72.70       | 16.75 | 74.30       | 16.88 |
|        | 23                              | 41.60                        | 8.60  | 49.50       | 10.90 | 57.60       | 13.45 | 61.60       | 14.83 | 65.60       | 16.29 | 72.70       | 17.54 | 74.30       | 17.68 |
|        | 25                              | 41.60                        | 9.15  | 49.50       | 11.61 | 57.60       | 14.37 | 61.60       | 15.87 | 65.60       | 17.41 | 72.70       | 18.28 | 74.30       | 18.59 |
|        | 27                              | 41.60                        | 9.77  | 49.50       | 12.40 | 57.60       | 15.37 | 61.60       | 16.96 | 65.60       | 18.52 | 72.70       | 19.52 | 74.30       | 19.70 |
|        | 29                              | 41.60                        | 10.40 | 49.50       | 13.24 | 57.60       | 16.41 | 61.60       | 18.12 | 65.60       | 19.60 | 72.70       | 20.70 | 74.30       | 20.80 |
|        | 31                              | 41.60                        | 11.11 | 49.50       | 14.12 | 57.60       | 17.50 | 61.60       | 19.34 | 65.60       | 20.59 | 72.70       | 21.82 | 74.30       | 21.95 |
|        | 33                              | 41.60                        | 11.78 | 49.50       | 15.03 | 57.60       | 18.67 | 61.60       | 20.63 | 65.60       | 21.37 | 72.70       | 23.01 | 74.30       | 23.12 |
|        | 35                              | 41.60                        | 12.53 | 49.50       | 15.99 | 57.60       | 19.88 | 61.60       | 22.00 | 65.60       | 22.48 | 72.30       | 24.16 | 74.20       | 24.35 |
|        | 37                              | 41.60                        | 13.42 | 49.50       | 17.16 | 57.60       | 21.06 | 61.60       | 23.06 | 65.60       | 23.92 | 71.00       | 25.29 | 72.70       | 25.52 |
|        | 39                              | 41.60                        | 14.39 | 49.50       | 18.43 | 57.60       | 22.31 | 61.60       | 24.18 | 65.60       | 25.51 | 69.90       | 26.50 | 71.50       | 26.75 |
|        | 41                              | 41.60                        | 15.74 | 49.50       | 20.20 | 57.60       | 24.17 | 61.60       | 26.62 | 65.60       | 27.83 | 67.20       | 27.97 | 69.40       | 28.23 |
|        | 43                              | 41.60                        | 17.41 | 49.50       | 22.39 | 57.60       | 26.47 | 61.60       | 29.09 | 62.30       | 29.20 | 64.20       | 29.29 | 65.90       | 29.57 |
|        | 46                              | 40.30                        | 19.62 | 47.90       | 25.28 | 55.80       | 29.41 | 56.20       | 30.88 | 56.90       | 30.98 | 58.70       | 31.07 | 60.30       | 31.36 |
|        | 48                              | 35.60                        | 17.10 | 42.40       | 22.08 | 48.20       | 25.38 | 48.90       | 26.45 | 49.40       | 26.54 | 51.00       | 26.60 | 52.40       | 26.81 |
|        | 50                              | 31.00                        | 14.54 | 36.90       | 18.82 | 40.50       | 21.27 | 41.50       | 21.94 | 41.90       | 22.02 | 43.30       | 22.05 | 44.60       | 22.18 |
|        | 52                              | 26.30                        | 11.92 | 31.30       | 15.49 | 32.90       | 17.09 | 34.10       | 17.33 | 34.50       | 17.41 | 35.70       | 17.41 | 36.70       | 17.45 |
| 90     | 10                              | 37.40                        | 6.35  | 44.70       | 7.63  | 51.90       | 8.99  | 55.40       | 9.70  | 59.00       | 10.44 | 66.20       | 11.68 | 73.50       | 12.80 |
|        | 12                              | 37.40                        | 6.42  | 44.70       | 7.75  | 51.90       | 9.15  | 55.40       | 9.89  | 59.00       | 10.67 | 66.20       | 11.91 | 73.50       | 13.22 |
|        | 14                              | 37.40                        | 6.54  | 44.70       | 7.90  | 51.90       | 9.35  | 55.40       | 10.08 | 59.00       | 10.86 | 66.20       | 12.14 | 73.50       | 13.49 |
|        | 16                              | 37.40                        | 6.66  | 44.70       | 8.06  | 51.90       | 9.54  | 55.40       | 10.28 | 59.00       | 11.06 | 66.20       | 12.37 | 73.50       | 13.72 |
|        | 18                              | 37.40                        | 6.78  | 44.70       | 8.22  | 51.90       | 9.70  | 55.40       | 10.51 | 59.00       | 11.29 | 66.20       | 12.64 | 73.50       | 14.41 |
|        | 20                              | 37.40                        | 6.89  | 44.70       | 8.37  | 51.90       | 9.89  | 55.40       | 10.71 | 59.00       | 11.72 | 66.20       | 13.53 | 73.50       | 15.10 |
|        | 21                              | 37.40                        | 6.97  | 44.70       | 8.45  | 51.90       | 10.08 | 55.40       | 11.06 | 59.00       | 12.15 | 66.20       | 13.75 | 73.50       | 15.44 |
|        | 23                              | 37.40                        | 7.13  | 44.70       | 8.80  | 51.90       | 10.79 | 55.40       | 11.88 | 59.00       | 13.01 | 66.20       | 14.58 | 73.50       | 16.39 |
|        | 25                              | 37.40                        | 7.48  | 44.70       | 9.38  | 51.90       | 11.53 | 55.40       | 12.69 | 59.00       | 13.90 | 66.20       | 15.59 | 73.50       | 17.34 |
|        | 27                              | 37.40                        | 7.98  | 44.70       | 10.01 | 51.90       | 12.30 | 55.40       | 13.55 | 59.00       | 14.87 | 66.20       | 16.58 | 73.50       | 18.43 |
|        | 29                              | 37.40                        | 8.45  | 44.70       | 10.67 | 51.90       | 13.16 | 55.40       | 14.48 | 59.00       | 15.89 | 66.20       | 17.56 | 73.50       | 19.46 |
|        | 31                              | 37.40                        | 8.99  | 44.70       | 11.37 | 51.90       | 14.02 | 55.40       | 15.42 | 59.00       | 16.94 | 66.20       | 18.44 | 73.50       | 20.53 |
|        | 33                              | 37.40                        | 9.58  | 44.70       | 12.11 | 51.90       | 14.95 | 55.40       | 16.43 | 59.00       | 17.96 | 66.20       | 19.33 | 73.10       | 21.51 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 37.40                        | 10.16 | 44.70       | 12.85 | 51.90       | 15.89 | 55.40       | 17.52 | 59.00       | 19.05 | 66.20       | 20.79 | 71.90       | 22.72 |
|        | 37                              | 37.40                        | 10.79 | 44.70       | 13.67 | 51.90       | 16.94 | 55.40       | 18.61 | 59.00       | 20.11 | 66.20       | 22.09 | 70.80       | 23.74 |
|        | 39                              | 37.40                        | 11.42 | 44.70       | 14.54 | 51.90       | 17.93 | 55.40       | 19.81 | 59.00       | 21.15 | 66.20       | 23.68 | 69.70       | 24.78 |
|        | 41                              | 37.40                        | 13.23 | 44.70       | 16.69 | 51.90       | 20.38 | 55.40       | 22.44 | 59.00       | 23.64 | 65.60       | 26.04 | 66.80       | 26.63 |
|        | 43                              | 37.40                        | 14.78 | 44.70       | 18.67 | 51.90       | 23.04 | 55.40       | 25.00 | 59.00       | 26.24 | 62.90       | 28.14 | 64.00       | 28.48 |
|        | 46                              | 36.20                        | 17.43 | 43.20       | 22.27 | 50.30       | 27.49 | 53.70       | 29.69 | 55.30       | 30.53 | 57.40       | 31.11 | 58.50       | 31.37 |
|        | 48                              | 32.00                        | 15.38 | 38.20       | 19.66 | 44.50       | 24.28 | 47.50       | 26.15 | 48.10       | 26.56 | 49.90       | 26.64 | 50.90       | 26.85 |
|        | 50                              | 27.80                        | 13.29 | 33.30       | 17.01 | 38.70       | 21.01 | 41.30       | 22.54 | 40.80       | 22.51 | 42.40       | 22.08 | 43.20       | 22.25 |
|        | 52                              | 23.70                        | 11.16 | 28.30       | 14.30 | 32.90       | 17.68 | 35.10       | 18.86 | 33.50       | 18.38 | 34.90       | 17.44 | 35.60       | 17.56 |
| 80     | 10                              | 33.20                        | 5.92  | 39.60       | 7.12  | 46.00       | 8.35  | 49.30       | 9.01  | 52.60       | 9.67  | 59.00       | 11.02 | 65.30       | 11.97 |
|        | 12                              | 33.20                        | 6.05  | 39.60       | 7.20  | 46.00       | 8.51  | 49.30       | 9.17  | 52.60       | 9.83  | 59.00       | 11.23 | 65.30       | 12.21 |
|        | 14                              | 33.20                        | 6.13  | 39.60       | 7.36  | 46.00       | 8.64  | 49.30       | 9.34  | 52.60       | 10.00 | 59.00       | 11.44 | 65.30       | 12.44 |
|        | 16                              | 33.20                        | 6.21  | 39.60       | 7.49  | 46.00       | 8.80  | 49.30       | 9.50  | 52.60       | 10.20 | 59.00       | 11.68 | 65.30       | 12.68 |
|        | 18                              | 33.20                        | 6.33  | 39.60       | 7.61  | 46.00       | 8.97  | 49.30       | 9.67  | 52.60       | 10.41 | 59.00       | 11.89 | 65.30       | 12.96 |
|        | 20                              | 33.20                        | 6.46  | 39.60       | 7.77  | 46.00       | 9.17  | 49.30       | 9.87  | 52.60       | 10.61 | 59.00       | 12.34 | 65.30       | 13.73 |
|        | 21                              | 33.20                        | 6.50  | 39.60       | 7.86  | 46.00       | 9.26  | 49.30       | 10.00 | 52.60       | 10.86 | 59.00       | 12.73 | 65.30       | 14.09 |
|        | 23                              | 33.20                        | 6.62  | 39.60       | 7.98  | 46.00       | 9.67  | 49.30       | 10.61 | 52.60       | 11.60 | 59.00       | 13.44 | 65.30       | 14.79 |
|        | 25                              | 33.20                        | 6.87  | 39.60       | 8.51  | 46.00       | 10.37 | 49.30       | 11.35 | 52.60       | 12.42 | 59.00       | 14.38 | 65.30       | 15.81 |
|        | 27                              | 33.20                        | 7.28  | 39.60       | 9.05  | 46.00       | 11.06 | 49.30       | 12.13 | 52.60       | 13.24 | 59.00       | 15.28 | 65.30       | 16.64 |
|        | 29                              | 33.20                        | 7.73  | 39.60       | 9.67  | 46.00       | 11.76 | 49.30       | 12.92 | 52.60       | 14.15 | 59.00       | 16.38 | 65.30       | 17.47 |
|        | 31                              | 33.20                        | 8.23  | 39.60       | 10.24 | 46.00       | 12.55 | 49.30       | 13.78 | 52.60       | 15.05 | 59.00       | 17.38 | 65.30       | 18.34 |
|        | 33                              | 33.20                        | 8.72  | 39.60       | 10.94 | 46.00       | 13.37 | 49.30       | 14.68 | 52.60       | 16.04 | 59.00       | 18.31 | 65.30       | 19.22 |
|        | 35                              | 33.20                        | 9.26  | 39.60       | 11.60 | 46.00       | 14.23 | 49.30       | 15.63 | 52.60       | 17.11 | 59.00       | 19.41 | 65.30       | 20.53 |
|        | 37                              | 33.20                        | 9.79  | 39.60       | 12.33 | 46.00       | 15.10 | 49.30       | 16.62 | 52.60       | 18.18 | 59.00       | 20.49 | 65.30       | 21.82 |
|        | 39                              | 33.20                        | 10.35 | 39.60       | 13.04 | 46.00       | 16.15 | 49.30       | 17.87 | 52.60       | 19.54 | 59.00       | 21.65 | 65.30       | 23.40 |
|        | 41                              | 33.20                        | 11.85 | 39.60       | 14.96 | 46.00       | 18.36 | 49.30       | 20.28 | 52.60       | 22.24 | 59.00       | 24.13 | 65.10       | 26.14 |
|        | 43                              | 33.20                        | 13.50 | 39.60       | 16.90 | 46.00       | 20.74 | 49.30       | 22.87 | 52.60       | 25.15 | 59.00       | 26.74 | 62.50       | 28.24 |
|        | 46                              | 32.20                        | 15.74 | 38.30       | 19.94 | 44.50       | 24.47 | 47.70       | 26.67 | 50.90       | 29.72 | 55.70       | 31.16 | 57.00       | 31.42 |
|        | 48                              | 28.40                        | 13.87 | 33.90       | 17.60 | 39.40       | 21.61 | 42.20       | 23.52 | 45.00       | 26.27 | 48.40       | 26.68 | 49.50       | 26.90 |
|        | 50                              | 24.70                        | 11.98 | 29.50       | 15.22 | 34.20       | 18.69 | 36.70       | 20.30 | 39.20       | 22.74 | 41.00       | 22.12 | 42.10       | 22.29 |
|        | 52                              | 21.00                        | 10.04 | 25.10       | 12.79 | 29.10       | 15.71 | 31.20       | 17.03 | 33.30       | 19.15 | 33.70       | 17.46 | 34.60       | 17.59 |
| 70     | 10                              | 29.00                        | 5.24  | 34.80       | 6.23  | 40.30       | 7.22  | 43.10       | 7.80  | 46.00       | 8.34  | 51.50       | 9.49  | 57.20       | 10.62 |
|        | 12                              | 29.00                        | 5.33  | 34.80       | 6.32  | 40.30       | 7.39  | 43.10       | 7.93  | 46.00       | 8.50  | 51.50       | 9.66  | 57.20       | 10.82 |
|        | 14                              | 29.00                        | 5.41  | 34.80       | 6.40  | 40.30       | 7.51  | 43.10       | 8.05  | 46.00       | 8.63  | 51.50       | 9.87  | 57.20       | 11.02 |
|        | 16                              | 29.00                        | 5.49  | 34.80       | 6.52  | 40.30       | 7.64  | 43.10       | 8.21  | 46.00       | 8.79  | 51.50       | 10.03 | 57.20       | 11.25 |
|        | 18                              | 29.00                        | 5.57  | 34.80       | 6.65  | 40.30       | 7.80  | 43.10       | 8.38  | 46.00       | 8.96  | 51.50       | 10.20 | 57.20       | 11.45 |
|        | 20                              | 29.00                        | 5.66  | 34.80       | 6.77  | 40.30       | 7.93  | 43.10       | 8.55  | 46.00       | 9.16  | 51.50       | 10.44 | 57.20       | 11.89 |
|        | 21                              | 29.00                        | 5.74  | 34.80       | 6.81  | 40.30       | 8.01  | 43.10       | 8.63  | 46.00       | 9.25  | 51.50       | 10.61 | 57.20       | 12.14 |
|        | 23                              | 29.00                        | 5.82  | 34.80       | 6.98  | 40.30       | 8.17  | 43.10       | 8.92  | 46.00       | 9.70  | 51.50       | 11.35 | 57.20       | 12.82 |
|        | 25                              | 29.00                        | 5.90  | 34.80       | 7.22  | 40.30       | 8.71  | 43.10       | 9.54  | 46.00       | 10.36 | 51.50       | 12.14 | 57.20       | 13.44 |
|        | 27                              | 29.00                        | 6.23  | 34.80       | 7.72  | 40.30       | 9.29  | 43.10       | 10.11 | 46.00       | 11.06 | 51.50       | 12.96 | 57.20       | 14.28 |
|        | 29                              | 29.00                        | 6.65  | 34.80       | 8.17  | 40.30       | 9.87  | 43.10       | 10.77 | 46.00       | 11.76 | 51.50       | 13.83 | 57.20       | 15.30 |
|        | 31                              | 29.00                        | 7.06  | 34.80       | 8.71  | 40.30       | 10.53 | 43.10       | 11.52 | 46.00       | 12.55 | 51.50       | 14.74 | 57.20       | 16.24 |
|        | 33                              | 29.00                        | 7.47  | 34.80       | 9.21  | 40.30       | 11.19 | 43.10       | 12.22 | 46.00       | 13.33 | 51.50       | 15.69 | 57.20       | 17.29 |
|        | 35                              | 29.00                        | 7.88  | 34.80       | 9.83  | 40.30       | 11.89 | 43.10       | 13.00 | 46.00       | 14.20 | 51.50       | 16.72 | 57.20       | 18.33 |
|        | 37                              | 29.00                        | 8.38  | 34.80       | 10.41 | 40.30       | 12.63 | 43.10       | 13.83 | 46.00       | 15.11 | 51.50       | 17.79 | 57.20       | 19.35 |
|        | 39                              | 29.00                        | 8.90  | 34.80       | 11.10 | 40.30       | 13.51 | 43.10       | 14.88 | 46.00       | 16.32 | 51.50       | 19.04 | 57.20       | 20.86 |
|        | 41                              | 29.00                        | 10.19 | 34.80       | 12.59 | 40.30       | 15.34 | 43.10       | 16.90 | 46.00       | 18.38 | 51.50       | 21.66 | 57.20       | 23.30 |
|        | 43                              | 29.00                        | 11.48 | 34.80       | 14.20 | 40.30       | 17.33 | 43.10       | 19.07 | 46.00       | 20.77 | 51.50       | 24.49 | 57.20       | 26.07 |
|        | 46                              | 28.10                        | 13.36 | 33.60       | 16.73 | 39.00       | 20.44 | 41.70       | 22.26 | 44.50       | 24.52 | 49.80       | 28.93 | 55.40       | 30.44 |
|        | 48                              | 24.90                        | 11.77 | 29.80       | 14.75 | 34.50       | 18.04 | 36.90       | 19.63 | 39.40       | 21.66 | 44.10       | 25.56 | 49.00       | 26.60 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 21.60                        | 10.15 | 25.90       | 12.73 | 30.00       | 15.59 | 32.10       | 16.96 | 34.20       | 18.74 | 38.30       | 22.12 | 42.60       | 22.68 |
|        | 52                              | 18.40                        | 8.50  | 22.00       | 10.68 | 25.50       | 13.10 | 27.30       | 14.24 | 29.10       | 15.76 | 32.60       | 18.62 | 36.20       | 18.69 |
| 60     | 10                              | 24.90                        | 4.56  | 29.70       | 5.34  | 34.50       | 6.21  | 37.00       | 6.67  | 39.40       | 7.08  | 44.20       | 8.04  | 49.10       | 8.99  |
|        | 12                              | 24.90                        | 4.64  | 29.70       | 5.43  | 34.50       | 6.30  | 37.00       | 6.75  | 39.40       | 7.21  | 44.20       | 8.16  | 49.10       | 9.16  |
|        | 14                              | 24.90                        | 4.68  | 29.70       | 5.51  | 34.50       | 6.42  | 37.00       | 6.88  | 39.40       | 7.33  | 44.20       | 8.33  | 49.10       | 9.32  |
|        | 16                              | 24.90                        | 4.76  | 29.70       | 5.63  | 34.50       | 6.50  | 37.00       | 7.00  | 39.40       | 7.50  | 44.20       | 8.49  | 49.10       | 9.49  |
|        | 18                              | 24.90                        | 4.85  | 29.70       | 5.72  | 34.50       | 6.63  | 37.00       | 7.13  | 39.40       | 7.62  | 44.20       | 8.62  | 49.10       | 9.69  |
|        | 20                              | 24.90                        | 4.93  | 29.70       | 5.80  | 34.50       | 6.75  | 37.00       | 7.25  | 39.40       | 7.75  | 44.20       | 8.78  | 49.10       | 9.90  |
|        | 21                              | 24.90                        | 4.97  | 29.70       | 5.84  | 34.50       | 6.84  | 37.00       | 7.33  | 39.40       | 7.83  | 44.20       | 8.91  | 49.10       | 9.98  |
|        | 23                              | 24.90                        | 5.05  | 29.70       | 5.97  | 34.50       | 6.92  | 37.00       | 7.46  | 39.40       | 8.00  | 44.20       | 9.24  | 49.10       | 10.61 |
|        | 25                              | 24.90                        | 5.14  | 29.70       | 6.09  | 34.50       | 7.21  | 37.00       | 7.83  | 39.40       | 8.49  | 44.20       | 9.86  | 49.10       | 11.35 |
|        | 27                              | 24.90                        | 5.30  | 29.70       | 6.42  | 34.50       | 7.66  | 37.00       | 8.33  | 39.40       | 9.03  | 44.20       | 10.48 | 49.10       | 12.10 |
|        | 29                              | 24.90                        | 5.63  | 29.70       | 6.84  | 34.50       | 8.16  | 37.00       | 8.87  | 39.40       | 9.61  | 44.20       | 11.19 | 49.10       | 12.93 |
|        | 31                              | 24.90                        | 5.97  | 29.70       | 7.25  | 34.50       | 8.66  | 37.00       | 9.45  | 39.40       | 10.23 | 44.20       | 11.93 | 49.10       | 13.75 |
|        | 33                              | 24.90                        | 6.30  | 29.70       | 7.66  | 34.50       | 9.20  | 37.00       | 10.03 | 39.40       | 10.90 | 44.20       | 12.68 | 49.10       | 14.67 |
|        | 35                              | 24.90                        | 6.67  | 29.70       | 8.16  | 34.50       | 9.78  | 37.00       | 10.65 | 39.40       | 11.56 | 44.20       | 13.51 | 49.10       | 15.58 |
|        | 37                              | 24.90                        | 7.04  | 29.70       | 8.61  | 34.50       | 10.36 | 37.00       | 11.31 | 39.40       | 12.26 | 44.20       | 14.33 | 49.10       | 16.57 |
|        | 39                              | 24.90                        | 7.49  | 29.70       | 9.17  | 34.50       | 11.18 | 37.00       | 12.13 | 39.40       | 13.20 | 44.20       | 15.37 | 49.10       | 17.76 |
|        | 41                              | 24.90                        | 8.41  | 29.70       | 10.39 | 34.50       | 12.57 | 37.00       | 13.73 | 39.40       | 14.84 | 44.20       | 17.47 | 49.10       | 19.99 |
|        | 43                              | 24.90                        | 9.46  | 29.70       | 11.71 | 34.50       | 14.19 | 37.00       | 15.48 | 39.40       | 16.74 | 44.20       | 19.74 | 49.10       | 22.59 |
|        | 46                              | 24.10                        | 11.10 | 28.80       | 13.78 | 33.40       | 16.71 | 35.80       | 18.23 | 38.10       | 19.74 | 42.80       | 23.30 | 47.50       | 26.96 |
|        | 48                              | 21.30                        | 9.77  | 25.40       | 12.14 | 29.60       | 14.74 | 31.70       | 16.08 | 33.70       | 17.41 | 37.90       | 20.57 | 42.00       | 23.82 |
|        | 50                              | 18.50                        | 8.40  | 22.10       | 10.47 | 25.70       | 12.73 | 27.50       | 13.88 | 29.30       | 15.04 | 32.90       | 17.79 | 36.50       | 20.61 |
|        | 52                              | 15.70                        | 7.02  | 18.80       | 8.76  | 21.90       | 10.68 | 23.40       | 11.64 | 24.90       | 12.63 | 28.00       | 14.95 | 31.10       | 17.34 |
| 50     | 10                              | 20.80                        | 3.95  | 24.90       | 4.57  | 28.80       | 5.20  | 30.80       | 5.57  | 32.80       | 5.90  | 36.70       | 6.65  | 40.90       | 7.40  |
|        | 12                              | 20.80                        | 3.99  | 24.90       | 4.61  | 28.80       | 5.28  | 30.80       | 5.65  | 32.80       | 6.03  | 36.70       | 6.78  | 40.90       | 7.53  |
|        | 14                              | 20.80                        | 4.03  | 24.90       | 4.70  | 28.80       | 5.36  | 30.80       | 5.74  | 32.80       | 6.11  | 36.70       | 6.86  | 40.90       | 7.65  |
|        | 16                              | 20.80                        | 4.12  | 24.90       | 4.78  | 28.80       | 5.45  | 30.80       | 5.86  | 32.80       | 6.19  | 36.70       | 6.98  | 40.90       | 7.77  |
|        | 18                              | 20.80                        | 4.16  | 24.90       | 4.82  | 28.80       | 5.53  | 30.80       | 5.95  | 32.80       | 6.32  | 36.70       | 7.11  | 40.90       | 7.94  |
|        | 20                              | 20.80                        | 4.20  | 24.90       | 4.91  | 28.80       | 5.65  | 30.80       | 6.03  | 32.80       | 6.44  | 36.70       | 7.23  | 40.90       | 8.11  |
|        | 21                              | 20.80                        | 4.24  | 24.90       | 4.95  | 28.80       | 5.70  | 30.80       | 6.11  | 32.80       | 6.49  | 36.70       | 7.32  | 40.90       | 8.19  |
|        | 23                              | 20.80                        | 4.32  | 24.90       | 5.03  | 28.80       | 5.78  | 30.80       | 6.19  | 32.80       | 6.61  | 36.70       | 7.44  | 40.90       | 8.36  |
|        | 25                              | 20.80                        | 4.37  | 24.90       | 5.11  | 28.80       | 5.90  | 30.80       | 6.32  | 32.80       | 6.82  | 36.70       | 7.82  | 40.90       | 8.94  |
|        | 27                              | 20.80                        | 4.45  | 24.90       | 5.28  | 28.80       | 6.24  | 30.80       | 6.74  | 32.80       | 7.23  | 36.70       | 8.36  | 40.90       | 9.52  |
|        | 29                              | 20.80                        | 4.70  | 24.90       | 5.61  | 28.80       | 6.61  | 30.80       | 7.15  | 32.80       | 7.69  | 36.70       | 8.86  | 40.90       | 10.10 |
|        | 31                              | 20.80                        | 4.95  | 24.90       | 5.95  | 28.80       | 7.03  | 30.80       | 7.57  | 32.80       | 8.19  | 36.70       | 9.44  | 40.90       | 10.77 |
|        | 33                              | 20.80                        | 5.24  | 24.90       | 6.28  | 28.80       | 7.44  | 30.80       | 8.02  | 32.80       | 8.69  | 36.70       | 10.02 | 40.90       | 11.47 |
|        | 35                              | 20.80                        | 5.53  | 24.90       | 6.65  | 28.80       | 7.86  | 30.80       | 8.52  | 32.80       | 9.19  | 36.70       | 10.60 | 40.90       | 12.18 |
|        | 37                              | 20.80                        | 5.86  | 24.90       | 7.03  | 28.80       | 8.32  | 30.80       | 9.02  | 32.80       | 9.73  | 36.70       | 11.31 | 40.90       | 12.93 |
|        | 39                              | 20.80                        | 6.25  | 24.90       | 7.53  | 28.80       | 8.91  | 30.80       | 9.71  | 32.80       | 10.44 | 36.70       | 12.04 | 40.90       | 13.97 |
|        | 41                              | 20.80                        | 7.00  | 24.90       | 8.44  | 28.80       | 10.09 | 30.80       | 10.89 | 32.80       | 11.71 | 36.70       | 13.68 | 40.90       | 15.71 |
|        | 43                              | 20.80                        | 7.88  | 24.90       | 9.51  | 28.80       | 11.36 | 30.80       | 12.28 | 32.80       | 13.20 | 36.70       | 15.43 | 40.90       | 17.73 |
|        | 46                              | 20.10                        | 9.24  | 24.10       | 11.17 | 27.90       | 13.35 | 29.80       | 14.44 | 31.70       | 15.52 | 35.60       | 18.19 | 39.60       | 20.92 |
|        | 48                              | 17.80                        | 8.13  | 21.30       | 9.83  | 24.70       | 11.76 | 26.40       | 12.73 | 28.10       | 13.68 | 31.50       | 16.05 | 35.00       | 18.46 |
|        | 50                              | 15.50                        | 7.00  | 18.50       | 8.47  | 21.50       | 10.13 | 22.90       | 10.98 | 24.40       | 11.79 | 27.40       | 13.86 | 30.50       | 15.95 |
|        | 52                              | 13.20                        | 5.84  | 15.70       | 7.09  | 18.20       | 8.48  | 19.50       | 9.19  | 20.70       | 9.88  | 23.30       | 11.64 | 25.90       | 13.40 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM240LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 66.60                        | 11.10 | 79.30       | 13.56 | 85.00       | 15.73 | 87.40       | 16.05 | 89.80       | 16.18 | 94.20       | 16.31 | 96.60       | 16.37 |
|        | 12                              | 66.60                        | 11.37 | 79.30       | 14.05 | 85.00       | 16.38 | 87.40       | 16.49 | 89.80       | 16.62 | 94.20       | 16.75 | 96.60       | 16.90 |
|        | 14                              | 66.60                        | 11.75 | 79.30       | 14.56 | 85.00       | 17.00 | 87.40       | 17.12 | 89.80       | 17.26 | 94.20       | 17.39 | 96.60       | 17.55 |
|        | 16                              | 66.60                        | 12.18 | 79.30       | 15.06 | 85.00       | 17.76 | 87.40       | 17.92 | 89.80       | 18.06 | 94.20       | 18.23 | 96.60       | 18.37 |
|        | 18                              | 66.60                        | 12.69 | 79.30       | 15.93 | 85.00       | 18.57 | 87.40       | 18.97 | 89.80       | 19.12 | 94.20       | 19.31 | 96.60       | 19.45 |
|        | 20                              | 66.60                        | 13.25 | 79.30       | 16.98 | 85.00       | 19.49 | 87.40       | 20.87 | 89.80       | 21.04 | 94.20       | 21.56 | 96.60       | 21.70 |
|        | 21                              | 66.60                        | 13.60 | 79.30       | 17.57 | 85.00       | 19.90 | 87.40       | 22.08 | 89.80       | 22.26 | 94.20       | 22.94 | 96.60       | 23.09 |
|        | 23                              | 66.60                        | 14.59 | 79.30       | 18.48 | 85.00       | 20.93 | 87.40       | 24.37 | 89.80       | 24.88 | 94.20       | 25.69 | 96.60       | 25.85 |
|        | 25                              | 66.60                        | 15.59 | 79.30       | 19.55 | 85.00       | 22.37 | 87.40       | 27.35 | 89.80       | 28.00 | 94.20       | 28.84 | 96.60       | 29.00 |
|        | 27                              | 66.60                        | 16.68 | 79.30       | 20.90 | 85.00       | 24.13 | 87.40       | 30.61 | 89.80       | 31.20 | 94.20       | 32.15 | 96.60       | 32.40 |
|        | 29                              | 66.60                        | 17.77 | 79.30       | 22.34 | 85.00       | 26.40 | 87.40       | 34.13 | 89.80       | 34.78 | 94.20       | 35.76 | 96.60       | 35.83 |
|        | 31                              | 66.60                        | 18.96 | 79.30       | 23.61 | 85.00       | 28.55 | 87.40       | 34.48 | 89.80       | 35.15 | 93.50       | 35.92 | 96.20       | 36.07 |
|        | 33                              | 66.60                        | 20.20 | 79.30       | 25.46 | 85.00       | 31.03 | 87.40       | 34.65 | 89.70       | 35.28 | 92.30       | 35.60 | 94.70       | 35.74 |
|        | 35                              | 66.60                        | 21.54 | 79.30       | 27.13 | 85.00       | 34.20 | 87.00       | 34.61 | 88.50       | 34.82 | 90.90       | 35.13 | 93.50       | 35.27 |
|        | 37                              | 66.60                        | 22.97 | 79.30       | 28.88 | 84.40       | 33.98 | 85.60       | 34.15 | 87.00       | 34.36 | 89.40       | 34.67 | 92.10       | 34.80 |
|        | 39                              | 66.60                        | 24.46 | 79.30       | 30.95 | 82.90       | 33.53 | 84.40       | 33.70 | 85.60       | 33.90 | 88.20       | 34.20 | 90.90       | 34.34 |
|        | 41                              | 66.60                        | 26.91 | 77.00       | 33.26 | 79.60       | 33.41 | 80.80       | 33.58 | 82.30       | 33.78 | 84.80       | 34.09 | 87.10       | 34.22 |
|        | 43                              | 66.60                        | 29.40 | 73.80       | 33.13 | 76.30       | 33.30 | 77.50       | 33.46 | 79.00       | 33.67 | 81.50       | 33.97 | 83.70       | 34.10 |
|        | 46                              | 64.40                        | 33.02 | 67.30       | 32.95 | 69.70       | 33.12 | 70.80       | 33.28 | 72.30       | 33.48 | 74.60       | 33.78 | 76.60       | 33.92 |
|        | 48                              | 57.00                        | 32.44 | 58.40       | 32.54 | 60.60       | 32.61 | 61.60       | 32.70 | 62.90       | 32.98 | 64.90       | 33.19 | 66.70       | 33.32 |
|        | 50                              | 49.60                        | 31.85 | 49.60       | 32.11 | 51.50       | 32.09 | 52.40       | 32.10 | 53.50       | 32.46 | 55.30       | 32.58 | 56.80       | 32.71 |
|        | 52                              | 42.10                        | 31.24 | 40.70       | 31.68 | 42.40       | 31.55 | 43.10       | 31.48 | 44.10       | 31.93 | 45.60       | 31.95 | 46.90       | 32.08 |
| 120    | 10                              | 60.20                        | 9.98  | 71.60       | 12.24 | 78.30       | 14.54 | 80.60       | 15.72 | 83.00       | 15.97 | 87.50       | 16.03 | 89.70       | 16.16 |
|        | 12                              | 60.20                        | 10.25 | 71.60       | 12.65 | 78.30       | 15.13 | 80.60       | 16.05 | 83.00       | 16.56 | 87.50       | 16.76 | 89.70       | 16.89 |
|        | 14                              | 60.20                        | 10.61 | 71.60       | 13.08 | 78.30       | 15.74 | 80.60       | 16.66 | 83.00       | 17.17 | 87.50       | 17.42 | 89.70       | 17.56 |
|        | 16                              | 60.20                        | 10.99 | 71.60       | 13.62 | 78.30       | 16.35 | 80.60       | 17.28 | 83.00       | 17.96 | 87.50       | 18.18 | 89.70       | 18.33 |
|        | 18                              | 60.20                        | 11.42 | 71.60       | 14.23 | 78.30       | 17.00 | 80.60       | 18.19 | 83.00       | 18.88 | 87.50       | 19.10 | 89.70       | 19.25 |
|        | 20                              | 60.20                        | 11.85 | 71.60       | 15.09 | 78.30       | 17.92 | 80.60       | 19.15 | 83.00       | 19.88 | 87.50       | 20.14 | 89.70       | 20.30 |
|        | 21                              | 60.20                        | 12.21 | 71.60       | 15.64 | 78.30       | 18.42 | 80.60       | 19.71 | 83.00       | 20.53 | 87.50       | 20.80 | 89.70       | 20.96 |
|        | 23                              | 60.20                        | 13.05 | 71.60       | 16.73 | 78.30       | 19.74 | 80.60       | 20.94 | 83.00       | 21.89 | 87.50       | 22.11 | 89.70       | 22.29 |
|        | 25                              | 60.20                        | 13.95 | 71.60       | 17.92 | 78.30       | 20.82 | 80.60       | 22.32 | 83.00       | 23.48 | 87.50       | 23.96 | 89.70       | 24.15 |
|        | 27                              | 60.20                        | 14.89 | 71.60       | 19.16 | 78.30       | 22.15 | 80.60       | 23.85 | 83.00       | 25.23 | 87.50       | 26.11 | 89.70       | 26.30 |
|        | 29                              | 60.20                        | 15.88 | 71.60       | 20.45 | 78.30       | 23.31 | 80.60       | 25.53 | 83.00       | 27.33 | 87.50       | 28.50 | 89.70       | 28.62 |
|        | 31                              | 60.20                        | 16.93 | 71.60       | 21.84 | 78.30       | 24.52 | 80.60       | 27.71 | 83.00       | 29.70 | 87.50       | 31.05 | 89.70       | 31.26 |
|        | 33                              | 60.20                        | 18.02 | 71.60       | 23.28 | 78.30       | 26.29 | 80.60       | 30.59 | 83.00       | 32.42 | 87.50       | 33.67 | 89.70       | 33.88 |
|        | 35                              | 60.20                        | 19.16 | 71.60       | 24.82 | 78.30       | 28.32 | 80.60       | 34.28 | 83.00       | 34.86 | 87.40       | 35.83 | 89.70       | 36.11 |
|        | 37                              | 60.20                        | 20.61 | 71.60       | 26.19 | 78.30       | 30.62 | 80.60       | 34.02 | 83.00       | 34.72 | 85.90       | 35.07 | 88.20       | 35.35 |
|        | 39                              | 60.20                        | 22.19 | 71.60       | 27.78 | 78.30       | 33.06 | 80.60       | 33.92 | 82.20       | 34.25 | 84.80       | 34.35 | 87.10       | 34.62 |
|        | 41                              | 60.20                        | 24.64 | 71.60       | 30.92 | 76.70       | 33.42 | 77.80       | 33.71 | 78.90       | 33.88 | 81.20       | 33.98 | 83.50       | 34.25 |
|        | 43                              | 60.20                        | 27.25 | 71.10       | 31.90 | 73.50       | 33.01 | 74.60       | 33.33 | 75.70       | 33.49 | 77.90       | 33.59 | 80.20       | 33.86 |
|        | 46                              | 58.30                        | 30.74 | 64.80       | 31.63 | 67.20       | 32.48 | 68.10       | 32.74 | 69.20       | 32.91 | 71.30       | 33.01 | 73.40       | 33.27 |
|        | 48                              | 51.60                        | 30.43 | 56.30       | 31.40 | 58.40       | 32.18 | 59.20       | 32.38 | 60.20       | 32.48 | 62.00       | 32.61 | 63.90       | 32.74 |
|        | 50                              | 44.80                        | 30.12 | 47.70       | 31.17 | 49.60       | 31.88 | 50.30       | 32.00 | 51.10       | 32.05 | 52.80       | 32.21 | 54.40       | 32.20 |
|        | 52                              | 38.10                        | 29.80 | 39.20       | 30.93 | 40.80       | 31.57 | 41.40       | 31.62 | 42.10       | 31.60 | 43.50       | 31.80 | 44.90       | 31.66 |
| 110    | 10                              | 54.00                        | 8.98  | 64.30       | 10.94 | 71.90       | 13.00 | 73.90       | 14.07 | 78.60       | 15.14 | 80.40       | 15.56 | 85.80       | 15.82 |
|        | 12                              | 54.00                        | 9.26  | 64.30       | 11.31 | 71.90       | 13.54 | 73.90       | 14.47 | 78.60       | 15.71 | 80.40       | 16.22 | 85.80       | 16.59 |
|        | 14                              | 54.00                        | 9.55  | 64.30       | 11.82 | 71.90       | 14.15 | 73.90       | 15.18 | 78.60       | 16.50 | 80.40       | 16.97 | 85.80       | 17.33 |
|        | 16                              | 54.00                        | 9.89  | 64.30       | 12.25 | 71.90       | 14.74 | 73.90       | 15.85 | 78.60       | 17.26 | 80.40       | 17.74 | 85.80       | 18.05 |
|        | 18                              | 54.00                        | 10.25 | 64.30       | 12.76 | 71.90       | 15.59 | 73.90       | 16.69 | 78.60       | 18.21 | 80.40       | 18.57 | 85.80       | 18.92 |
|        | 20                              | 54.00                        | 10.62 | 64.30       | 13.40 | 71.90       | 16.53 | 73.90       | 17.46 | 78.60       | 19.10 | 80.40       | 19.57 | 85.80       | 19.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 54.00                        | 10.86 | 64.30       | 13.80 | 71.90       | 16.95 | 73.90       | 17.92 | 78.60       | 19.63 | 80.40       | 20.12 | 85.80       | 20.44 |
|        | 23                               | 54.00                        | 11.57 | 64.30       | 14.79 | 71.90       | 17.90 | 73.90       | 18.92 | 78.60       | 20.74 | 80.40       | 21.18 | 85.80       | 21.53 |
|        | 25                               | 54.00                        | 12.36 | 64.30       | 15.78 | 71.90       | 18.91 | 73.90       | 20.01 | 78.60       | 21.91 | 80.40       | 22.22 | 85.80       | 22.96 |
|        | 27                               | 54.00                        | 13.20 | 64.30       | 16.88 | 71.90       | 19.98 | 73.90       | 21.17 | 78.60       | 22.88 | 80.40       | 23.40 | 85.80       | 24.46 |
|        | 29                               | 54.00                        | 14.10 | 64.30       | 18.02 | 71.90       | 21.12 | 73.90       | 22.42 | 78.60       | 24.18 | 80.40       | 24.60 | 85.80       | 25.98 |
|        | 31                               | 54.00                        | 14.99 | 64.30       | 19.21 | 71.90       | 22.32 | 73.90       | 23.76 | 78.60       | 25.83 | 80.40       | 26.25 | 85.80       | 27.68 |
|        | 33                               | 54.00                        | 15.98 | 64.30       | 20.45 | 71.90       | 23.58 | 73.90       | 25.17 | 78.60       | 27.66 | 80.40       | 28.09 | 85.80       | 29.38 |
|        | 35                               | 54.00                        | 16.98 | 64.30       | 21.84 | 71.90       | 24.90 | 73.90       | 26.68 | 78.60       | 29.69 | 80.40       | 29.93 | 85.70       | 31.22 |
|        | 37                               | 54.00                        | 17.99 | 64.30       | 23.18 | 71.90       | 26.29 | 73.90       | 28.66 | 78.60       | 31.87 | 80.40       | 31.82 | 84.30       | 32.67 |
|        | 39                               | 54.00                        | 19.40 | 64.30       | 24.63 | 71.90       | 28.25 | 73.90       | 31.22 | 78.60       | 33.92 | 80.40       | 33.92 | 83.20       | 34.16 |
|        | 41                               | 54.00                        | 21.57 | 64.30       | 27.04 | 71.90       | 31.44 | 73.90       | 35.60 | 75.50       | 35.91 | 77.70       | 36.19 | 79.70       | 36.48 |
|        | 43                               | 54.00                        | 23.46 | 64.30       | 29.19 | 70.30       | 34.41 | 71.50       | 34.80 | 72.40       | 34.73 | 74.60       | 34.92 | 76.50       | 35.02 |
|        | 46                               | 52.20                        | 24.03 | 62.30       | 29.57 | 64.20       | 33.18 | 65.30       | 33.18 | 66.10       | 33.46 | 68.20       | 33.65 | 69.90       | 33.74 |
|        | 48                               | 46.20                        | 23.59 | 54.10       | 28.79 | 55.70       | 31.90 | 56.80       | 32.12 | 57.50       | 32.27 | 59.30       | 32.36 | 60.90       | 32.49 |
|        | 50                               | 40.20                        | 23.13 | 46.00       | 27.99 | 47.30       | 30.60 | 48.20       | 31.03 | 48.90       | 31.05 | 50.40       | 31.05 | 51.80       | 31.22 |
|        | 52                               | 34.10                        | 22.67 | 37.90       | 27.18 | 38.90       | 29.27 | 39.70       | 29.92 | 40.20       | 29.81 | 41.50       | 29.71 | 42.70       | 29.91 |
| 100    | 10                               | 45.40                        | 8.09  | 54.00       | 9.83  | 62.90       | 11.66 | 67.20       | 12.60 | 71.50       | 13.54 | 79.30       | 15.07 | 81.00       | 15.19 |
|        | 12                               | 45.40                        | 8.34  | 54.00       | 10.23 | 62.90       | 12.05 | 67.20       | 12.94 | 71.50       | 13.97 | 79.30       | 15.88 | 81.00       | 16.04 |
|        | 14                               | 45.40                        | 8.61  | 54.00       | 10.64 | 62.90       | 12.56 | 67.20       | 13.50 | 71.50       | 14.57 | 79.30       | 16.77 | 81.00       | 16.92 |
|        | 16                               | 45.40                        | 8.87  | 54.00       | 10.99 | 62.90       | 13.10 | 67.20       | 14.14 | 71.50       | 15.35 | 79.30       | 17.58 | 81.00       | 17.82 |
|        | 18                               | 45.40                        | 9.13  | 54.00       | 11.40 | 62.90       | 13.61 | 67.20       | 14.83 | 71.50       | 16.28 | 79.30       | 18.57 | 81.00       | 18.72 |
|        | 20                               | 45.40                        | 9.46  | 54.00       | 11.83 | 62.90       | 14.39 | 67.20       | 15.88 | 71.50       | 17.42 | 79.30       | 19.46 | 81.00       | 19.61 |
|        | 21                               | 45.40                        | 9.65  | 54.00       | 12.11 | 62.90       | 14.89 | 67.20       | 16.43 | 71.50       | 18.07 | 79.30       | 19.90 | 81.00       | 20.06 |
|        | 23                               | 45.40                        | 10.23 | 54.00       | 12.96 | 62.90       | 15.98 | 67.20       | 17.62 | 71.50       | 19.36 | 79.30       | 20.84 | 81.00       | 21.01 |
|        | 25                               | 45.40                        | 10.87 | 54.00       | 13.80 | 62.90       | 17.07 | 67.20       | 18.86 | 71.50       | 20.70 | 79.30       | 21.73 | 81.00       | 22.09 |
|        | 27                               | 45.40                        | 11.61 | 54.00       | 14.74 | 62.90       | 18.27 | 67.20       | 20.15 | 71.50       | 22.01 | 79.30       | 23.21 | 81.00       | 23.41 |
|        | 29                               | 45.40                        | 12.36 | 54.00       | 15.73 | 62.90       | 19.51 | 67.20       | 21.54 | 71.50       | 23.29 | 79.30       | 24.60 | 81.00       | 24.73 |
|        | 31                               | 45.40                        | 13.20 | 54.00       | 16.78 | 62.90       | 20.80 | 67.20       | 22.98 | 71.50       | 24.47 | 79.30       | 25.94 | 81.00       | 26.08 |
|        | 33                               | 45.40                        | 14.00 | 54.00       | 17.87 | 62.90       | 22.19 | 67.20       | 24.52 | 71.50       | 25.39 | 79.30       | 27.34 | 81.00       | 27.48 |
|        | 35                               | 45.40                        | 14.89 | 54.00       | 19.01 | 62.90       | 23.63 | 67.20       | 26.15 | 71.50       | 26.72 | 78.90       | 28.72 | 80.90       | 28.94 |
|        | 37                               | 45.40                        | 15.95 | 54.00       | 20.39 | 62.90       | 25.03 | 67.20       | 27.40 | 71.50       | 28.43 | 77.50       | 30.05 | 79.30       | 30.33 |
|        | 39                               | 45.40                        | 17.10 | 54.00       | 21.90 | 62.90       | 26.52 | 67.20       | 28.74 | 71.50       | 30.31 | 76.20       | 31.50 | 78.00       | 31.79 |
|        | 41                               | 45.40                        | 18.73 | 54.00       | 24.04 | 62.90       | 28.76 | 67.20       | 31.67 | 71.50       | 33.12 | 73.30       | 33.28 | 75.70       | 33.59 |
|        | 43                               | 45.40                        | 20.74 | 54.00       | 26.67 | 62.90       | 31.53 | 67.20       | 34.65 | 68.00       | 34.78 | 70.10       | 34.89 | 71.90       | 35.22 |
|        | 46                               | 43.90                        | 23.41 | 52.30       | 30.16 | 60.90       | 35.09 | 61.40       | 36.85 | 62.00       | 36.96 | 64.00       | 37.07 | 65.70       | 37.42 |
|        | 48                               | 38.80                        | 20.43 | 46.20       | 26.38 | 52.60       | 30.32 | 53.30       | 31.60 | 53.90       | 31.71 | 55.60       | 31.78 | 57.20       | 32.03 |
|        | 50                               | 33.80                        | 17.39 | 40.20       | 22.51 | 44.20       | 25.44 | 45.30       | 26.24 | 45.70       | 26.34 | 47.30       | 26.37 | 48.60       | 26.53 |
|        | 52                               | 28.70                        | 14.27 | 34.20       | 18.55 | 35.90       | 20.46 | 37.30       | 20.76 | 37.60       | 20.85 | 38.90       | 20.85 | 40.00       | 20.90 |
| 90     | 10                               | 40.80                        | 7.54  | 48.70       | 9.07  | 56.60       | 10.69 | 60.50       | 11.53 | 64.30       | 12.41 | 72.20       | 13.88 | 80.20       | 15.21 |
|        | 12                               | 40.80                        | 7.64  | 48.70       | 9.21  | 56.60       | 10.88 | 60.50       | 11.76 | 64.30       | 12.68 | 72.20       | 14.16 | 80.20       | 15.71 |
|        | 14                               | 40.80                        | 7.78  | 48.70       | 9.40  | 56.60       | 11.11 | 60.50       | 11.99 | 64.30       | 12.91 | 72.20       | 14.43 | 80.20       | 16.03 |
|        | 16                               | 40.80                        | 7.92  | 48.70       | 9.58  | 56.60       | 11.34 | 60.50       | 12.22 | 64.30       | 13.15 | 72.20       | 14.71 | 80.20       | 16.31 |
|        | 18                               | 40.80                        | 8.05  | 48.70       | 9.77  | 56.60       | 11.53 | 60.50       | 12.50 | 64.30       | 13.42 | 72.20       | 15.03 | 80.20       | 17.13 |
|        | 20                               | 40.80                        | 8.19  | 48.70       | 9.95  | 56.60       | 11.76 | 60.50       | 12.73 | 64.30       | 13.93 | 72.20       | 16.08 | 80.20       | 17.95 |
|        | 21                               | 40.80                        | 8.29  | 48.70       | 10.04 | 56.60       | 11.99 | 60.50       | 13.15 | 64.30       | 14.44 | 72.20       | 16.35 | 80.20       | 18.36 |
|        | 23                               | 40.80                        | 8.47  | 48.70       | 10.46 | 56.60       | 12.82 | 60.50       | 14.12 | 64.30       | 15.46 | 72.20       | 17.34 | 80.20       | 19.49 |
|        | 25                               | 40.80                        | 8.89  | 48.70       | 11.16 | 56.60       | 13.70 | 60.50       | 15.09 | 64.30       | 16.52 | 72.20       | 18.54 | 80.20       | 20.62 |
|        | 27                               | 40.80                        | 9.49  | 48.70       | 11.90 | 56.60       | 14.63 | 60.50       | 16.11 | 64.30       | 17.68 | 72.20       | 19.71 | 80.20       | 21.91 |
|        | 29                               | 40.80                        | 10.04 | 48.70       | 12.68 | 56.60       | 15.65 | 60.50       | 17.22 | 64.30       | 18.89 | 72.20       | 20.87 | 80.20       | 23.14 |
|        | 31                               | 40.80                        | 10.69 | 48.70       | 13.52 | 56.60       | 16.66 | 60.50       | 18.33 | 64.30       | 20.14 | 72.20       | 21.92 | 80.20       | 24.40 |
|        | 33                               | 40.80                        | 11.39 | 48.70       | 14.40 | 56.60       | 17.77 | 60.50       | 19.53 | 64.30       | 21.36 | 72.20       | 22.98 | 79.70       | 25.56 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 40.80                        | 12.08 | 48.70       | 15.27 | 56.60       | 18.89 | 60.50       | 20.83 | 64.30       | 22.65 | 72.20       | 24.72 | 78.50       | 27.01 |
|        | 37                               | 40.80                        | 12.82 | 48.70       | 16.25 | 56.60       | 20.14 | 60.50       | 22.13 | 64.30       | 23.91 | 72.20       | 26.26 | 77.20       | 28.22 |
|        | 39                               | 40.80                        | 13.58 | 48.70       | 17.28 | 56.60       | 21.31 | 60.50       | 23.55 | 64.30       | 25.14 | 72.20       | 28.15 | 76.00       | 29.45 |
|        | 41                               | 40.80                        | 15.75 | 48.70       | 19.86 | 56.60       | 24.25 | 60.50       | 26.70 | 64.30       | 28.14 | 71.60       | 30.99 | 72.80       | 31.70 |
|        | 43                               | 40.80                        | 17.61 | 48.70       | 22.24 | 56.60       | 27.45 | 60.50       | 29.79 | 64.30       | 31.26 | 68.60       | 33.53 | 69.90       | 33.93 |
|        | 46                               | 39.50                        | 20.80 | 47.20       | 26.58 | 54.80       | 32.81 | 58.50       | 35.44 | 60.40       | 36.44 | 62.60       | 37.14 | 63.80       | 37.44 |
|        | 48                               | 34.90                        | 18.38 | 41.70       | 23.49 | 48.50       | 29.02 | 51.80       | 31.25 | 52.40       | 31.74 | 54.40       | 31.83 | 55.50       | 32.09 |
|        | 50                               | 30.40                        | 15.90 | 36.30       | 20.35 | 42.20       | 25.14 | 45.00       | 26.97 | 44.50       | 26.93 | 46.20       | 26.42 | 47.10       | 26.62 |
|        | 52                               | 25.80                        | 13.36 | 30.80       | 17.13 | 35.80       | 21.18 | 38.30       | 22.59 | 36.50       | 22.02 | 38.00       | 20.88 | 38.80       | 21.04 |
| 80     | 10                               | 36.20                        | 7.04  | 43.20       | 8.46  | 50.20       | 9.93  | 53.80       | 10.71 | 57.40       | 11.49 | 64.30       | 13.11 | 71.30       | 14.23 |
|        | 12                               | 36.20                        | 7.19  | 43.20       | 8.56  | 50.20       | 10.12 | 53.80       | 10.91 | 57.40       | 11.69 | 64.30       | 13.35 | 71.30       | 14.51 |
|        | 14                               | 36.20                        | 7.29  | 43.20       | 8.75  | 50.20       | 10.27 | 53.80       | 11.10 | 57.40       | 11.88 | 64.30       | 13.60 | 71.30       | 14.79 |
|        | 16                               | 36.20                        | 7.38  | 43.20       | 8.90  | 50.20       | 10.47 | 53.80       | 11.30 | 57.40       | 12.13 | 64.30       | 13.89 | 71.30       | 15.08 |
|        | 18                               | 36.20                        | 7.53  | 43.20       | 9.05  | 50.20       | 10.66 | 53.80       | 11.49 | 57.40       | 12.37 | 64.30       | 14.13 | 71.30       | 15.40 |
|        | 20                               | 36.20                        | 7.68  | 43.20       | 9.24  | 50.20       | 10.91 | 53.80       | 11.74 | 57.40       | 12.62 | 64.30       | 14.67 | 71.30       | 16.32 |
|        | 21                               | 36.20                        | 7.73  | 43.20       | 9.34  | 50.20       | 11.00 | 53.80       | 11.88 | 57.40       | 12.91 | 64.30       | 15.14 | 71.30       | 16.75 |
|        | 23                               | 36.20                        | 7.87  | 43.20       | 9.49  | 50.20       | 11.49 | 53.80       | 12.62 | 57.40       | 13.79 | 64.30       | 15.98 | 71.30       | 17.58 |
|        | 25                               | 36.20                        | 8.17  | 43.20       | 10.12 | 50.20       | 12.32 | 53.80       | 13.50 | 57.40       | 14.77 | 64.30       | 17.10 | 71.30       | 18.80 |
|        | 27                               | 36.20                        | 8.66  | 43.20       | 10.76 | 50.20       | 13.16 | 53.80       | 14.43 | 57.40       | 15.75 | 64.30       | 18.17 | 71.30       | 19.78 |
|        | 29                               | 36.20                        | 9.19  | 43.20       | 11.49 | 50.20       | 13.99 | 53.80       | 15.36 | 57.40       | 16.82 | 64.30       | 19.47 | 71.30       | 20.77 |
|        | 31                               | 36.20                        | 9.78  | 43.20       | 12.18 | 50.20       | 14.92 | 53.80       | 16.38 | 57.40       | 17.90 | 64.30       | 20.66 | 71.30       | 21.80 |
|        | 33                               | 36.20                        | 10.37 | 43.20       | 13.01 | 50.20       | 15.89 | 53.80       | 17.46 | 57.40       | 19.07 | 64.30       | 21.77 | 71.30       | 22.85 |
|        | 35                               | 36.20                        | 11.00 | 43.20       | 13.79 | 50.20       | 16.92 | 53.80       | 18.58 | 57.40       | 20.35 | 64.30       | 23.08 | 71.30       | 24.41 |
|        | 37                               | 36.20                        | 11.64 | 43.20       | 14.66 | 50.20       | 17.95 | 53.80       | 19.76 | 57.40       | 21.62 | 64.30       | 24.36 | 71.30       | 25.95 |
|        | 39                               | 36.20                        | 12.30 | 43.20       | 15.50 | 50.20       | 19.20 | 53.80       | 21.24 | 57.40       | 23.23 | 64.30       | 25.74 | 71.30       | 27.83 |
|        | 41                               | 36.20                        | 14.11 | 43.20       | 17.81 | 50.20       | 21.85 | 53.80       | 24.14 | 57.40       | 26.47 | 64.30       | 28.72 | 71.10       | 31.12 |
|        | 43                               | 36.20                        | 16.09 | 43.20       | 20.14 | 50.20       | 24.71 | 53.80       | 27.26 | 57.40       | 29.97 | 64.30       | 31.86 | 68.10       | 33.65 |
|        | 46                               | 35.10                        | 18.79 | 41.80       | 23.80 | 48.60       | 29.22 | 52.00       | 31.84 | 55.50       | 35.48 | 60.80       | 37.20 | 62.20       | 37.51 |
|        | 48                               | 31.00                        | 16.58 | 37.00       | 21.04 | 43.00       | 25.82 | 46.00       | 28.11 | 49.10       | 31.39 | 52.80       | 31.89 | 54.00       | 32.15 |
|        | 50                               | 27.00                        | 14.33 | 32.20       | 18.21 | 37.40       | 22.36 | 40.00       | 24.30 | 42.70       | 27.21 | 44.80       | 26.47 | 45.90       | 26.67 |
|        | 52                               | 22.90                        | 12.03 | 27.30       | 15.32 | 31.70       | 18.82 | 34.00       | 20.40 | 36.30       | 22.94 | 36.80       | 20.92 | 37.70       | 21.07 |
| 70     | 10                               | 31.70                        | 6.23  | 37.90       | 7.41  | 43.90       | 8.59  | 47.00       | 9.28  | 50.20       | 9.92  | 56.20       | 11.29 | 62.40       | 12.63 |
|        | 12                               | 31.70                        | 6.33  | 37.90       | 7.51  | 43.90       | 8.79  | 47.00       | 9.43  | 50.20       | 10.11 | 56.20       | 11.49 | 62.40       | 12.87 |
|        | 14                               | 31.70                        | 6.43  | 37.90       | 7.61  | 43.90       | 8.93  | 47.00       | 9.57  | 50.20       | 10.26 | 56.20       | 11.73 | 62.40       | 13.10 |
|        | 16                               | 31.70                        | 6.53  | 37.90       | 7.76  | 43.90       | 9.08  | 47.00       | 9.77  | 50.20       | 10.46 | 56.20       | 11.93 | 62.40       | 13.38 |
|        | 18                               | 31.70                        | 6.63  | 37.90       | 7.90  | 43.90       | 9.28  | 47.00       | 9.97  | 50.20       | 10.65 | 56.20       | 12.13 | 62.40       | 13.62 |
|        | 20                               | 31.70                        | 6.73  | 37.90       | 8.05  | 43.90       | 9.43  | 47.00       | 10.16 | 50.20       | 10.90 | 56.20       | 12.42 | 62.40       | 14.14 |
|        | 21                               | 31.70                        | 6.82  | 37.90       | 8.10  | 43.90       | 9.52  | 47.00       | 10.26 | 50.20       | 11.00 | 56.20       | 12.62 | 62.40       | 14.44 |
|        | 23                               | 31.70                        | 6.92  | 37.90       | 8.30  | 43.90       | 9.72  | 47.00       | 10.60 | 50.20       | 11.54 | 56.20       | 13.50 | 62.40       | 15.24 |
|        | 25                               | 31.70                        | 7.02  | 37.90       | 8.59  | 43.90       | 10.36 | 47.00       | 11.34 | 50.20       | 12.32 | 56.20       | 14.43 | 62.40       | 15.98 |
|        | 27                               | 31.70                        | 7.41  | 37.90       | 9.18  | 43.90       | 11.05 | 47.00       | 12.03 | 50.20       | 13.16 | 56.20       | 15.41 | 62.40       | 16.99 |
|        | 29                               | 31.70                        | 7.90  | 37.90       | 9.72  | 43.90       | 11.73 | 47.00       | 12.81 | 50.20       | 13.99 | 56.20       | 16.45 | 62.40       | 18.20 |
|        | 31                               | 31.70                        | 8.39  | 37.90       | 10.36 | 43.90       | 12.52 | 47.00       | 13.70 | 50.20       | 14.92 | 56.20       | 17.53 | 62.40       | 19.31 |
|        | 33                               | 31.70                        | 8.89  | 37.90       | 10.95 | 43.90       | 13.30 | 47.00       | 14.53 | 50.20       | 15.86 | 56.20       | 18.65 | 62.40       | 20.56 |
|        | 35                               | 31.70                        | 9.38  | 37.90       | 11.69 | 43.90       | 14.14 | 47.00       | 15.46 | 50.20       | 16.89 | 56.20       | 19.88 | 62.40       | 21.80 |
|        | 37                               | 31.70                        | 9.97  | 37.90       | 12.38 | 43.90       | 15.02 | 47.00       | 16.45 | 50.20       | 17.97 | 56.20       | 21.16 | 62.40       | 23.01 |
|        | 39                               | 31.70                        | 10.58 | 37.90       | 13.20 | 43.90       | 16.06 | 47.00       | 17.69 | 50.20       | 19.41 | 56.20       | 22.64 | 62.40       | 24.80 |
|        | 41                               | 31.70                        | 12.13 | 37.90       | 14.99 | 43.90       | 18.27 | 47.00       | 20.12 | 50.20       | 21.88 | 56.20       | 25.79 | 62.40       | 27.74 |
|        | 43                               | 31.70                        | 13.68 | 37.90       | 16.93 | 43.90       | 20.65 | 47.00       | 22.73 | 50.20       | 24.75 | 56.20       | 29.19 | 62.40       | 31.08 |
|        | 46                               | 30.70                        | 15.95 | 36.70       | 19.97 | 42.50       | 24.41 | 45.50       | 26.57 | 48.60       | 29.28 | 54.40       | 34.55 | 60.40       | 36.35 |
|        | 48                               | 27.10                        | 14.07 | 32.50       | 17.63 | 37.60       | 21.57 | 40.30       | 23.47 | 43.00       | 25.89 | 48.10       | 30.55 | 53.40       | 31.80 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 23.60                        | 12.15 | 28.20       | 15.24 | 32.70       | 18.66 | 35.00       | 20.30 | 37.40       | 22.43 | 41.80       | 26.48 | 46.50       | 27.15 |
|        | 52                              | 20.10                        | 10.19 | 24.00       | 12.80 | 27.80       | 15.70 | 29.80       | 17.06 | 31.70       | 18.89 | 35.50       | 22.31 | 39.50       | 22.39 |
| 60     | 10                              | 27.10                        | 5.42  | 32.40       | 6.36  | 37.70       | 7.39  | 40.30       | 7.93  | 43.00       | 8.43  | 48.20       | 9.56  | 53.50       | 10.69 |
|        | 12                              | 27.10                        | 5.52  | 32.40       | 6.45  | 37.70       | 7.49  | 40.30       | 8.03  | 43.00       | 8.57  | 48.20       | 9.71  | 53.50       | 10.89 |
|        | 14                              | 27.10                        | 5.57  | 32.40       | 6.55  | 37.70       | 7.64  | 40.30       | 8.18  | 43.00       | 8.72  | 48.20       | 9.90  | 53.50       | 11.09 |
|        | 16                              | 27.10                        | 5.67  | 32.40       | 6.70  | 37.70       | 7.74  | 40.30       | 8.33  | 43.00       | 8.92  | 48.20       | 10.10 | 53.50       | 11.28 |
|        | 18                              | 27.10                        | 5.77  | 32.40       | 6.80  | 37.70       | 7.88  | 40.30       | 8.48  | 43.00       | 9.07  | 48.20       | 10.25 | 53.50       | 11.53 |
|        | 20                              | 27.10                        | 5.86  | 32.40       | 6.90  | 37.70       | 8.03  | 40.30       | 8.62  | 43.00       | 9.21  | 48.20       | 10.45 | 53.50       | 11.78 |
|        | 21                              | 27.10                        | 5.91  | 32.40       | 6.95  | 37.70       | 8.13  | 40.30       | 8.72  | 43.00       | 9.31  | 48.20       | 10.59 | 53.50       | 11.88 |
|        | 23                              | 27.10                        | 6.01  | 32.40       | 7.10  | 37.70       | 8.23  | 40.30       | 8.87  | 43.00       | 9.51  | 48.20       | 10.99 | 53.50       | 12.61 |
|        | 25                              | 27.10                        | 6.11  | 32.40       | 7.24  | 37.70       | 8.57  | 40.30       | 9.31  | 43.00       | 10.10 | 48.20       | 11.73 | 53.50       | 13.50 |
|        | 27                              | 27.10                        | 6.31  | 32.40       | 7.64  | 37.70       | 9.12  | 40.30       | 9.90  | 43.00       | 10.74 | 48.20       | 12.47 | 53.50       | 14.39 |
|        | 29                              | 27.10                        | 6.70  | 32.40       | 8.13  | 37.70       | 9.71  | 40.30       | 10.54 | 43.00       | 11.43 | 48.20       | 13.30 | 53.50       | 15.37 |
|        | 31                              | 27.10                        | 7.10  | 32.40       | 8.62  | 37.70       | 10.30 | 40.30       | 11.23 | 43.00       | 12.17 | 48.20       | 14.19 | 53.50       | 16.36 |
|        | 33                              | 27.10                        | 7.49  | 32.40       | 9.12  | 37.70       | 10.94 | 40.30       | 11.92 | 43.00       | 12.96 | 48.20       | 15.08 | 53.50       | 17.44 |
|        | 35                              | 27.10                        | 7.93  | 32.40       | 9.71  | 37.70       | 11.63 | 40.30       | 12.66 | 43.00       | 13.75 | 48.20       | 16.06 | 53.50       | 18.53 |
|        | 37                              | 27.10                        | 8.38  | 32.40       | 10.24 | 37.70       | 12.32 | 40.30       | 13.45 | 43.00       | 14.59 | 48.20       | 17.05 | 53.50       | 19.71 |
|        | 39                              | 27.10                        | 8.91  | 32.40       | 10.91 | 37.70       | 13.30 | 40.30       | 14.43 | 43.00       | 15.70 | 48.20       | 18.28 | 53.50       | 21.12 |
|        | 41                              | 27.10                        | 10.02 | 32.40       | 12.38 | 37.70       | 14.97 | 40.30       | 16.35 | 43.00       | 17.67 | 48.20       | 20.80 | 53.50       | 23.80 |
|        | 43                              | 27.10                        | 11.28 | 32.40       | 13.96 | 37.70       | 16.91 | 40.30       | 18.46 | 43.00       | 19.96 | 48.20       | 23.53 | 53.50       | 26.93 |
|        | 46                              | 26.30                        | 13.26 | 31.40       | 16.45 | 36.50       | 19.96 | 39.00       | 21.77 | 41.60       | 23.57 | 46.70       | 27.82 | 51.80       | 32.20 |
|        | 48                              | 23.20                        | 11.68 | 27.70       | 14.51 | 32.30       | 17.63 | 34.50       | 19.22 | 36.80       | 20.82 | 41.30       | 24.59 | 45.80       | 28.48 |
|        | 50                              | 20.20                        | 10.06 | 24.10       | 12.53 | 28.10       | 15.24 | 30.00       | 16.61 | 32.00       | 18.01 | 35.90       | 21.29 | 39.90       | 24.67 |
|        | 52                              | 17.20                        | 8.41  | 20.50       | 10.51 | 23.80       | 12.80 | 25.50       | 13.95 | 27.20       | 15.13 | 30.50       | 17.92 | 33.90       | 20.78 |
| 50     | 10                              | 22.70                        | 4.70  | 27.10       | 5.44  | 31.40       | 6.18  | 33.60       | 6.63  | 35.80       | 7.02  | 40.10       | 7.91  | 44.60       | 8.80  |
|        | 12                              | 22.70                        | 4.75  | 27.10       | 5.49  | 31.40       | 6.28  | 33.60       | 6.73  | 35.80       | 7.17  | 40.10       | 8.06  | 44.60       | 8.95  |
|        | 14                              | 22.70                        | 4.80  | 27.10       | 5.59  | 31.40       | 6.38  | 33.60       | 6.83  | 35.80       | 7.27  | 40.10       | 8.16  | 44.60       | 9.10  |
|        | 16                              | 22.70                        | 4.90  | 27.10       | 5.69  | 31.40       | 6.48  | 33.60       | 6.97  | 35.80       | 7.37  | 40.10       | 8.31  | 44.60       | 9.25  |
|        | 18                              | 22.70                        | 4.95  | 27.10       | 5.74  | 31.40       | 6.58  | 33.60       | 7.07  | 35.80       | 7.52  | 40.10       | 8.46  | 44.60       | 9.45  |
|        | 20                              | 22.70                        | 5.00  | 27.10       | 5.84  | 31.40       | 6.73  | 33.60       | 7.17  | 35.80       | 7.67  | 40.10       | 8.61  | 44.60       | 9.64  |
|        | 21                              | 22.70                        | 5.04  | 27.10       | 5.89  | 31.40       | 6.78  | 33.60       | 7.27  | 35.80       | 7.72  | 40.10       | 8.70  | 44.60       | 9.74  |
|        | 23                              | 22.70                        | 5.14  | 27.10       | 5.98  | 31.40       | 6.87  | 33.60       | 7.37  | 35.80       | 7.86  | 40.10       | 8.85  | 44.60       | 9.94  |
|        | 25                              | 22.70                        | 5.19  | 27.10       | 6.08  | 31.40       | 7.02  | 33.60       | 7.52  | 35.80       | 8.11  | 40.10       | 9.30  | 44.60       | 10.63 |
|        | 27                              | 22.70                        | 5.29  | 27.10       | 6.28  | 31.40       | 7.42  | 33.60       | 8.01  | 35.80       | 8.61  | 40.10       | 9.94  | 44.60       | 11.33 |
|        | 29                              | 22.70                        | 5.59  | 27.10       | 6.68  | 31.40       | 7.86  | 33.60       | 8.51  | 35.80       | 9.15  | 40.10       | 10.53 | 44.60       | 12.02 |
|        | 31                              | 22.70                        | 5.89  | 27.10       | 7.07  | 31.40       | 8.36  | 33.60       | 9.00  | 35.80       | 9.74  | 40.10       | 11.23 | 44.60       | 12.81 |
|        | 33                              | 22.70                        | 6.23  | 27.10       | 7.47  | 31.40       | 8.85  | 33.60       | 9.55  | 35.80       | 10.34 | 40.10       | 11.92 | 44.60       | 13.65 |
|        | 35                              | 22.70                        | 6.58  | 27.10       | 7.91  | 31.40       | 9.35  | 33.60       | 10.14 | 35.80       | 10.93 | 40.10       | 12.61 | 44.60       | 14.49 |
|        | 37                              | 22.70                        | 6.97  | 27.10       | 8.36  | 31.40       | 9.89  | 33.60       | 10.73 | 35.80       | 11.57 | 40.10       | 13.45 | 44.60       | 15.38 |
|        | 39                              | 22.70                        | 7.44  | 27.10       | 8.96  | 31.40       | 10.60 | 33.60       | 11.55 | 35.80       | 12.42 | 40.10       | 14.33 | 44.60       | 16.61 |
|        | 41                              | 22.70                        | 8.34  | 27.10       | 10.06 | 31.40       | 12.02 | 33.60       | 12.97 | 35.80       | 13.95 | 40.10       | 16.29 | 44.60       | 18.71 |
|        | 43                              | 22.70                        | 9.39  | 27.10       | 11.33 | 31.40       | 13.55 | 33.60       | 14.64 | 35.80       | 15.74 | 40.10       | 18.40 | 44.60       | 21.14 |
|        | 46                              | 22.00                        | 11.04 | 26.30       | 13.34 | 30.40       | 15.95 | 32.50       | 17.25 | 34.60       | 18.54 | 38.80       | 21.73 | 43.20       | 24.98 |
|        | 48                              | 19.40                        | 9.72  | 23.20       | 11.76 | 26.90       | 14.06 | 28.80       | 15.22 | 30.60       | 16.36 | 34.30       | 19.19 | 38.20       | 22.07 |
|        | 50                              | 16.90                        | 8.38  | 20.20       | 10.15 | 23.40       | 12.13 | 25.00       | 13.14 | 26.60       | 14.12 | 29.80       | 16.60 | 33.20       | 19.10 |
|        | 52                              | 14.40                        | 7.01  | 17.20       | 8.50  | 19.90       | 10.16 | 21.30       | 11.02 | 22.60       | 11.84 | 25.40       | 13.95 | 28.30       | 16.06 |

## Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM260LTE6

| Combi. | Outdoor Air Temp. (°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                           | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                           | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                        | 72.10                        | 13.37 | 85.90       | 16.35 | 92.00       | 18.96 | 94.70       | 19.35 | 97.30       | 19.50 | 102.0       | 19.66 | 104.6       | 19.73 |
|        | 12                        | 72.10                        | 13.70 | 85.90       | 16.93 | 92.00       | 19.74 | 94.70       | 19.87 | 97.30       | 20.03 | 102.0       | 20.19 | 104.6       | 20.37 |
|        | 14                        | 72.10                        | 14.16 | 85.90       | 17.54 | 92.00       | 20.48 | 94.70       | 20.63 | 97.30       | 20.80 | 102.0       | 20.96 | 104.6       | 21.15 |
|        | 16                        | 72.10                        | 14.68 | 85.90       | 18.15 | 92.00       | 21.40 | 94.70       | 21.60 | 97.30       | 21.77 | 102.0       | 21.97 | 104.6       | 22.14 |
|        | 18                        | 72.10                        | 15.30 | 85.90       | 19.20 | 92.00       | 22.38 | 94.70       | 22.87 | 97.30       | 23.05 | 102.0       | 23.28 | 104.6       | 23.44 |
|        | 20                        | 72.10                        | 15.97 | 85.90       | 20.46 | 92.00       | 23.49 | 94.70       | 25.15 | 97.30       | 25.35 | 102.0       | 25.98 | 104.6       | 26.15 |
|        | 21                        | 72.10                        | 16.39 | 85.90       | 21.18 | 92.00       | 23.98 | 94.70       | 26.62 | 97.30       | 26.83 | 102.0       | 27.65 | 104.6       | 27.83 |
|        | 23                        | 72.10                        | 17.59 | 85.90       | 22.28 | 92.00       | 25.23 | 94.70       | 29.37 | 97.30       | 29.99 | 102.0       | 30.97 | 104.6       | 31.15 |
|        | 25                        | 72.10                        | 18.78 | 85.90       | 23.56 | 92.00       | 26.96 | 94.70       | 32.97 | 97.30       | 33.75 | 102.0       | 34.75 | 104.6       | 34.95 |
|        | 27                        | 72.10                        | 20.10 | 85.90       | 25.18 | 92.00       | 29.09 | 94.70       | 36.89 | 97.30       | 37.60 | 102.0       | 38.75 | 104.6       | 39.06 |
|        | 29                        | 72.10                        | 21.42 | 85.90       | 26.93 | 92.00       | 31.82 | 94.70       | 41.14 | 97.30       | 41.92 | 102.0       | 43.09 | 104.6       | 43.18 |
|        | 31                        | 72.10                        | 22.85 | 85.90       | 28.45 | 92.00       | 34.41 | 94.70       | 41.56 | 97.30       | 42.36 | 101.3       | 43.30 | 104.2       | 43.47 |
|        | 33                        | 72.10                        | 24.35 | 85.90       | 30.68 | 92.00       | 37.40 | 94.70       | 41.76 | 97.20       | 42.52 | 100.0       | 42.90 | 102.6       | 43.07 |
|        | 35                        | 72.10                        | 25.96 | 85.90       | 32.70 | 92.00       | 41.21 | 94.30       | 41.72 | 95.80       | 41.97 | 98.40       | 42.34 | 101.3       | 42.51 |
|        | 37                        | 72.10                        | 27.69 | 85.90       | 34.81 | 91.40       | 40.96 | 92.70       | 41.17 | 94.30       | 41.41 | 96.90       | 41.78 | 99.70       | 41.95 |
|        | 39                        | 72.10                        | 29.48 | 85.90       | 37.30 | 89.80       | 40.41 | 91.40       | 40.61 | 92.70       | 40.86 | 95.60       | 41.22 | 98.40       | 41.39 |
|        | 41                        | 72.10                        | 32.47 | 83.40       | 40.14 | 86.20       | 40.33 | 87.50       | 40.53 | 89.20       | 40.77 | 91.90       | 41.14 | 94.40       | 41.30 |
|        | 43                        | 72.10                        | 35.53 | 79.90       | 40.04 | 82.70       | 40.24 | 83.90       | 40.45 | 85.60       | 40.69 | 88.20       | 41.05 | 90.60       | 41.22 |
|        | 46                        | 69.80                        | 40.00 | 72.90       | 39.91 | 75.50       | 40.11 | 76.70       | 40.32 | 78.30       | 40.56 | 80.80       | 40.92 | 83.00       | 41.08 |
|        | 48                        | 61.70                        | 39.35 | 63.30       | 39.47 | 65.70       | 39.56 | 66.70       | 39.66 | 68.10       | 40.00 | 70.30       | 40.26 | 72.30       | 40.42 |
|        | 50                        | 53.70                        | 38.69 | 53.70       | 39.02 | 55.80       | 38.98 | 56.70       | 38.99 | 58.00       | 39.44 | 59.90       | 39.58 | 61.60       | 39.74 |
|        | 52                        | 45.60                        | 38.02 | 44.10       | 38.55 | 45.90       | 38.40 | 46.70       | 38.31 | 47.80       | 38.86 | 49.40       | 38.88 | 50.80       | 39.04 |
| 120    | 10                        | 65.20                        | 12.03 | 77.60       | 14.75 | 84.80       | 17.53 | 87.40       | 18.95 | 89.90       | 19.25 | 94.80       | 19.32 | 97.10       | 19.48 |
|        | 12                        | 65.20                        | 12.36 | 77.60       | 15.25 | 84.80       | 18.24 | 87.40       | 19.35 | 89.90       | 19.96 | 94.80       | 20.20 | 97.10       | 20.36 |
|        | 14                        | 65.20                        | 12.78 | 77.60       | 15.77 | 84.80       | 18.97 | 87.40       | 20.08 | 89.90       | 20.69 | 94.80       | 20.99 | 97.10       | 21.16 |
|        | 16                        | 65.20                        | 13.24 | 77.60       | 16.41 | 84.80       | 19.71 | 87.40       | 20.83 | 89.90       | 21.65 | 94.80       | 21.91 | 97.10       | 22.09 |
|        | 18                        | 65.20                        | 13.76 | 77.60       | 17.15 | 84.80       | 20.49 | 87.40       | 21.93 | 89.90       | 22.76 | 94.80       | 23.02 | 97.10       | 23.20 |
|        | 20                        | 65.20                        | 14.29 | 77.60       | 18.19 | 84.80       | 21.60 | 87.40       | 23.07 | 89.90       | 23.96 | 94.80       | 24.28 | 97.10       | 24.47 |
|        | 21                        | 65.20                        | 14.72 | 77.60       | 18.84 | 84.80       | 22.20 | 87.40       | 23.75 | 89.90       | 24.75 | 94.80       | 25.06 | 97.10       | 25.26 |
|        | 23                        | 65.20                        | 15.73 | 77.60       | 20.16 | 84.80       | 23.79 | 87.40       | 25.24 | 89.90       | 26.39 | 94.80       | 26.65 | 97.10       | 26.87 |
|        | 25                        | 65.20                        | 16.81 | 77.60       | 21.60 | 84.80       | 25.09 | 87.40       | 26.91 | 89.90       | 28.30 | 94.80       | 28.88 | 97.10       | 29.11 |
|        | 27                        | 65.20                        | 17.95 | 77.60       | 23.09 | 84.80       | 26.70 | 87.40       | 28.75 | 89.90       | 30.41 | 94.80       | 31.47 | 97.10       | 31.70 |
|        | 29                        | 65.20                        | 19.14 | 77.60       | 24.65 | 84.80       | 28.10 | 87.40       | 30.76 | 89.90       | 32.94 | 94.80       | 34.36 | 97.10       | 34.49 |
|        | 31                        | 65.20                        | 20.40 | 77.60       | 26.32 | 84.80       | 29.55 | 87.40       | 33.39 | 89.90       | 35.79 | 94.80       | 37.42 | 97.10       | 37.68 |
|        | 33                        | 65.20                        | 21.72 | 77.60       | 28.06 | 84.80       | 31.69 | 87.40       | 36.86 | 89.90       | 39.08 | 94.80       | 40.58 | 97.10       | 40.83 |
|        | 35                        | 65.20                        | 23.09 | 77.60       | 29.91 | 84.80       | 34.13 | 87.40       | 41.32 | 89.90       | 42.02 | 94.70       | 43.18 | 97.10       | 43.52 |
|        | 37                        | 65.20                        | 24.84 | 77.60       | 31.56 | 84.80       | 36.91 | 87.40       | 41.01 | 89.90       | 41.85 | 93.10       | 42.27 | 95.60       | 42.61 |
|        | 39                        | 65.20                        | 26.74 | 77.60       | 33.48 | 84.80       | 39.84 | 87.40       | 40.88 | 89.00       | 41.28 | 91.90       | 41.40 | 94.30       | 41.73 |
|        | 41                        | 65.20                        | 29.74 | 77.60       | 37.32 | 83.10       | 40.33 | 84.20       | 40.68 | 85.50       | 40.89 | 88.00       | 41.01 | 90.50       | 41.33 |
|        | 43                        | 65.20                        | 32.93 | 77.00       | 38.56 | 79.70       | 39.89 | 80.80       | 40.28 | 82.00       | 40.48 | 84.40       | 40.60 | 86.90       | 40.93 |
|        | 46                        | 63.20                        | 37.24 | 70.20       | 38.32 | 72.80       | 39.34 | 73.80       | 39.66 | 74.90       | 39.86 | 77.20       | 39.98 | 79.50       | 40.30 |
|        | 48                        | 55.90                        | 36.92 | 61.00       | 38.10 | 63.20       | 39.04 | 64.20       | 39.28 | 65.20       | 39.40 | 67.20       | 39.56 | 69.20       | 39.72 |
|        | 50                        | 48.60                        | 36.60 | 51.70       | 37.87 | 53.70       | 38.74 | 54.50       | 38.88 | 55.40       | 38.94 | 57.10       | 39.13 | 58.90       | 39.13 |
|        | 52                        | 41.30                        | 36.26 | 42.50       | 37.64 | 44.20       | 38.42 | 44.90       | 38.48 | 45.60       | 38.46 | 47.10       | 38.69 | 48.60       | 38.52 |
| 110    | 10                        | 58.40                        | 10.82 | 69.70       | 13.19 | 77.80       | 15.67 | 80.10       | 16.96 | 85.10       | 18.25 | 87.10       | 18.76 | 93.00       | 19.07 |
|        | 12                        | 58.40                        | 11.16 | 69.70       | 13.64 | 77.80       | 16.32 | 80.10       | 17.44 | 85.10       | 18.94 | 87.10       | 19.55 | 93.00       | 20.00 |
|        | 14                        | 58.40                        | 11.51 | 69.70       | 14.25 | 77.80       | 17.06 | 80.10       | 18.30 | 85.10       | 19.89 | 87.10       | 20.46 | 93.00       | 20.89 |
|        | 16                        | 58.40                        | 11.92 | 69.70       | 14.77 | 77.80       | 17.76 | 80.10       | 19.10 | 85.10       | 20.81 | 87.10       | 21.38 | 93.00       | 21.75 |
|        | 18                        | 58.40                        | 12.36 | 69.70       | 15.38 | 77.80       | 18.78 | 80.10       | 20.11 | 85.10       | 21.95 | 87.10       | 22.38 | 93.00       | 22.80 |
|        | 20                        | 58.40                        | 12.80 | 69.70       | 16.15 | 77.80       | 19.92 | 80.10       | 21.04 | 85.10       | 23.02 | 87.10       | 23.58 | 93.00       | 23.96 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 58.40                        | 13.08 | 69.70       | 16.63 | 77.80       | 20.43 | 80.10       | 21.60 | 85.10       | 23.66 | 87.10       | 24.25 | 93.00       | 24.63 |
|        | 23                               | 58.40                        | 13.94 | 69.70       | 17.83 | 77.80       | 21.57 | 80.10       | 22.81 | 85.10       | 24.99 | 87.10       | 25.53 | 93.00       | 25.95 |
|        | 25                               | 58.40                        | 14.90 | 69.70       | 19.02 | 77.80       | 22.79 | 80.10       | 24.11 | 85.10       | 26.40 | 87.10       | 26.78 | 93.00       | 27.67 |
|        | 27                               | 58.40                        | 15.91 | 69.70       | 20.34 | 77.80       | 24.08 | 80.10       | 25.52 | 85.10       | 27.58 | 87.10       | 28.21 | 93.00       | 29.48 |
|        | 29                               | 58.40                        | 16.99 | 69.70       | 21.72 | 77.80       | 25.45 | 80.10       | 27.03 | 85.10       | 29.14 | 87.10       | 29.65 | 93.00       | 31.31 |
|        | 31                               | 58.40                        | 18.07 | 69.70       | 23.15 | 77.80       | 26.90 | 80.10       | 28.63 | 85.10       | 31.13 | 87.10       | 31.64 | 93.00       | 33.36 |
|        | 33                               | 58.40                        | 19.26 | 69.70       | 24.65 | 77.80       | 28.42 | 80.10       | 30.34 | 85.10       | 33.33 | 87.10       | 33.86 | 93.00       | 35.41 |
|        | 35                               | 58.40                        | 20.46 | 69.70       | 26.32 | 77.80       | 30.01 | 80.10       | 32.15 | 85.10       | 35.78 | 87.10       | 36.08 | 92.90       | 37.62 |
|        | 37                               | 58.40                        | 21.68 | 69.70       | 27.94 | 77.80       | 31.68 | 80.10       | 34.54 | 85.10       | 38.41 | 87.10       | 38.35 | 91.30       | 39.37 |
|        | 39                               | 58.40                        | 23.38 | 69.70       | 29.69 | 77.80       | 34.05 | 80.10       | 37.62 | 85.10       | 40.88 | 87.10       | 40.88 | 90.10       | 41.17 |
|        | 41                               | 58.40                        | 26.03 | 69.70       | 32.64 | 77.80       | 37.95 | 80.10       | 42.96 | 81.80       | 43.34 | 84.20       | 43.68 | 86.30       | 44.03 |
|        | 43                               | 58.40                        | 28.36 | 69.70       | 35.28 | 76.20       | 41.59 | 77.50       | 42.06 | 78.50       | 41.97 | 80.80       | 42.21 | 82.80       | 42.33 |
|        | 46                               | 56.60                        | 29.11 | 67.50       | 35.82 | 69.50       | 40.19 | 70.70       | 40.19 | 71.70       | 40.53 | 73.80       | 40.76 | 75.80       | 40.87 |
|        | 48                               | 50.10                        | 28.61 | 58.60       | 34.92 | 60.40       | 38.70 | 61.50       | 38.96 | 62.30       | 39.15 | 64.20       | 39.26 | 65.90       | 39.41 |
|        | 50                               | 43.50                        | 28.11 | 49.80       | 34.01 | 51.30       | 37.18 | 52.20       | 37.70 | 52.90       | 37.73 | 54.60       | 37.72 | 56.10       | 37.93 |
|        | 52                               | 37.00                        | 27.59 | 41.00       | 33.07 | 42.10       | 35.62 | 43.00       | 36.41 | 43.60       | 36.28 | 45.00       | 36.15 | 46.20       | 36.40 |
| 100    | 10                               | 49.10                        | 9.75  | 58.50       | 11.85 | 68.10       | 14.05 | 72.80       | 15.18 | 77.50       | 16.31 | 85.90       | 18.16 | 87.80       | 18.31 |
|        | 12                               | 49.10                        | 10.06 | 58.50       | 12.33 | 68.10       | 14.53 | 72.80       | 15.59 | 77.50       | 16.84 | 85.90       | 19.14 | 87.80       | 19.33 |
|        | 14                               | 49.10                        | 10.37 | 58.50       | 12.82 | 68.10       | 15.14 | 72.80       | 16.27 | 77.50       | 17.56 | 85.90       | 20.21 | 87.80       | 20.40 |
|        | 16                               | 49.10                        | 10.69 | 58.50       | 13.25 | 68.10       | 15.79 | 72.80       | 17.04 | 77.50       | 18.51 | 85.90       | 21.18 | 87.80       | 21.48 |
|        | 18                               | 49.10                        | 11.00 | 58.50       | 13.74 | 68.10       | 16.40 | 72.80       | 17.87 | 77.50       | 19.62 | 85.90       | 22.38 | 87.80       | 22.56 |
|        | 20                               | 49.10                        | 11.40 | 58.50       | 14.26 | 68.10       | 17.35 | 72.80       | 19.14 | 77.50       | 21.00 | 85.90       | 23.45 | 87.80       | 23.64 |
|        | 21                               | 49.10                        | 11.63 | 58.50       | 14.60 | 68.10       | 17.95 | 72.80       | 19.80 | 77.50       | 21.78 | 85.90       | 23.99 | 87.80       | 24.18 |
|        | 23                               | 49.10                        | 12.32 | 58.50       | 15.61 | 68.10       | 19.26 | 72.80       | 21.24 | 77.50       | 23.33 | 85.90       | 25.12 | 87.80       | 25.32 |
|        | 25                               | 49.10                        | 13.10 | 58.50       | 16.63 | 68.10       | 20.58 | 72.80       | 22.73 | 77.50       | 24.95 | 85.90       | 26.19 | 87.80       | 26.63 |
|        | 27                               | 49.10                        | 14.00 | 58.50       | 17.77 | 68.10       | 22.02 | 72.80       | 24.29 | 77.50       | 26.52 | 85.90       | 27.97 | 87.80       | 28.22 |
|        | 29                               | 49.10                        | 14.90 | 58.50       | 18.96 | 68.10       | 23.51 | 72.80       | 25.96 | 77.50       | 28.07 | 85.90       | 29.65 | 87.80       | 29.80 |
|        | 31                               | 49.10                        | 15.91 | 58.50       | 20.22 | 68.10       | 25.07 | 72.80       | 27.70 | 77.50       | 29.50 | 85.90       | 31.26 | 87.80       | 31.44 |
|        | 33                               | 49.10                        | 16.87 | 58.50       | 21.54 | 68.10       | 26.74 | 72.80       | 29.55 | 77.50       | 30.61 | 85.90       | 32.96 | 87.80       | 33.13 |
|        | 35                               | 49.10                        | 17.95 | 58.50       | 22.91 | 68.10       | 28.48 | 72.80       | 31.52 | 77.50       | 32.21 | 85.50       | 34.61 | 87.70       | 34.89 |
|        | 37                               | 49.10                        | 19.22 | 58.50       | 24.58 | 68.10       | 30.16 | 72.80       | 33.03 | 77.50       | 34.27 | 83.90       | 36.22 | 85.90       | 36.56 |
|        | 39                               | 49.10                        | 20.61 | 58.50       | 26.40 | 68.10       | 31.96 | 72.80       | 34.64 | 77.50       | 36.54 | 82.60       | 37.96 | 84.50       | 38.32 |
|        | 41                               | 49.10                        | 22.61 | 58.50       | 29.01 | 68.10       | 34.71 | 72.80       | 38.23 | 77.50       | 39.97 | 79.40       | 40.17 | 82.00       | 40.55 |
|        | 43                               | 49.10                        | 25.07 | 58.50       | 32.23 | 68.10       | 38.11 | 72.80       | 41.88 | 73.60       | 42.03 | 75.90       | 42.17 | 77.90       | 42.57 |
|        | 46                               | 47.60                        | 28.36 | 56.60       | 36.54 | 65.90       | 42.51 | 66.50       | 44.64 | 67.20       | 44.77 | 69.30       | 44.90 | 71.20       | 45.33 |
|        | 48                               | 42.10                        | 24.79 | 50.10       | 32.00 | 56.90       | 36.78 | 57.80       | 38.34 | 58.40       | 38.46 | 60.30       | 38.55 | 61.90       | 38.86 |
|        | 50                               | 36.60                        | 21.12 | 43.60       | 27.34 | 47.90       | 30.91 | 49.10       | 31.88 | 49.50       | 32.00 | 51.20       | 32.04 | 52.70       | 32.23 |
|        | 52                               | 31.10                        | 17.37 | 37.00       | 22.58 | 38.90       | 24.90 | 40.40       | 25.26 | 40.70       | 25.37 | 42.20       | 25.37 | 43.40       | 25.43 |
| 90     | 10                               | 44.20                        | 9.11  | 52.80       | 10.96 | 61.40       | 12.92 | 65.50       | 13.92 | 69.70       | 14.99 | 78.30       | 16.77 | 86.80       | 18.34 |
|        | 12                               | 44.20                        | 9.23  | 52.80       | 11.13 | 61.40       | 13.14 | 65.50       | 14.20 | 69.70       | 15.32 | 78.30       | 17.11 | 86.80       | 18.98 |
|        | 14                               | 44.20                        | 9.39  | 52.80       | 11.35 | 61.40       | 13.42 | 65.50       | 14.48 | 69.70       | 15.60 | 78.30       | 17.44 | 86.80       | 19.37 |
|        | 16                               | 44.20                        | 9.56  | 52.80       | 11.58 | 61.40       | 13.70 | 65.50       | 14.76 | 69.70       | 15.88 | 78.30       | 17.77 | 86.80       | 19.70 |
|        | 18                               | 44.20                        | 9.73  | 52.80       | 11.80 | 61.40       | 13.92 | 65.50       | 15.10 | 69.70       | 16.22 | 78.30       | 18.16 | 86.80       | 20.69 |
|        | 20                               | 44.20                        | 9.90  | 52.80       | 12.02 | 61.40       | 14.20 | 65.50       | 15.38 | 69.70       | 16.83 | 78.30       | 19.43 | 86.80       | 21.68 |
|        | 21                               | 44.20                        | 10.01 | 52.80       | 12.13 | 61.40       | 14.48 | 65.50       | 15.88 | 69.70       | 17.45 | 78.30       | 19.75 | 86.80       | 22.18 |
|        | 23                               | 44.20                        | 10.23 | 52.80       | 12.64 | 61.40       | 15.49 | 65.50       | 17.05 | 69.70       | 18.68 | 78.30       | 20.94 | 86.80       | 23.54 |
|        | 25                               | 44.20                        | 10.74 | 52.80       | 13.48 | 61.40       | 16.55 | 65.50       | 18.23 | 69.70       | 19.96 | 78.30       | 22.39 | 86.80       | 24.91 |
|        | 27                               | 44.20                        | 11.46 | 52.80       | 14.37 | 61.40       | 17.67 | 65.50       | 19.46 | 69.70       | 21.36 | 78.30       | 23.81 | 86.80       | 26.47 |
|        | 29                               | 44.20                        | 12.13 | 52.80       | 15.32 | 61.40       | 18.90 | 65.50       | 20.80 | 69.70       | 22.81 | 78.30       | 25.22 | 86.80       | 27.95 |
|        | 31                               | 44.20                        | 12.92 | 52.80       | 16.33 | 61.40       | 20.13 | 65.50       | 22.14 | 69.70       | 24.32 | 78.30       | 26.48 | 86.80       | 29.48 |
|        | 33                               | 44.20                        | 13.76 | 52.80       | 17.39 | 61.40       | 21.47 | 65.50       | 23.60 | 69.70       | 25.80 | 78.30       | 27.76 | 86.40       | 30.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 44.20                        | 14.59 | 52.80       | 18.45 | 61.40       | 22.81 | 65.50       | 25.16 | 69.70       | 27.36 | 78.30       | 29.86 | 85.00       | 32.63 |
|        | 37                              | 44.20                        | 15.49 | 52.80       | 19.63 | 61.40       | 24.33 | 65.50       | 26.73 | 69.70       | 28.88 | 78.30       | 31.73 | 83.70       | 34.10 |
|        | 39                              | 44.20                        | 16.40 | 52.80       | 20.88 | 61.40       | 25.75 | 65.50       | 28.44 | 69.70       | 30.37 | 78.30       | 34.01 | 82.30       | 35.58 |
|        | 41                              | 44.20                        | 19.05 | 52.80       | 24.03 | 61.40       | 29.34 | 65.50       | 32.30 | 69.70       | 34.04 | 77.50       | 37.49 | 78.90       | 38.35 |
|        | 43                              | 44.20                        | 21.34 | 52.80       | 26.94 | 61.40       | 33.25 | 65.50       | 36.09 | 69.70       | 37.87 | 74.30       | 40.62 | 75.70       | 41.11 |
|        | 46                              | 42.80                        | 25.26 | 51.10       | 32.27 | 59.40       | 39.84 | 63.40       | 43.03 | 65.40       | 44.24 | 67.90       | 44.99 | 69.10       | 45.39 |
|        | 48                              | 37.80                        | 22.34 | 45.20       | 28.57 | 52.50       | 35.28 | 56.10       | 38.00 | 56.80       | 38.53 | 59.00       | 38.63 | 60.10       | 38.94 |
|        | 50                              | 32.90                        | 19.36 | 39.30       | 24.78 | 45.70       | 30.62 | 48.80       | 32.84 | 48.20       | 32.67 | 50.10       | 32.11 | 51.10       | 32.32 |
|        | 52                              | 28.00                        | 16.30 | 33.40       | 20.90 | 38.80       | 25.83 | 41.50       | 27.55 | 39.60       | 26.66 | 41.20       | 25.42 | 42.00       | 25.54 |
| 80     | 10                              | 39.30                        | 8.53  | 46.80       | 10.25 | 54.30       | 12.02 | 58.20       | 12.97 | 62.10       | 13.92 | 69.70       | 15.87 | 77.20       | 17.23 |
|        | 12                              | 39.30                        | 8.71  | 46.80       | 10.36 | 54.30       | 12.26 | 58.20       | 13.21 | 62.10       | 14.15 | 69.70       | 16.17 | 77.20       | 17.57 |
|        | 14                              | 39.30                        | 8.82  | 46.80       | 10.60 | 54.30       | 12.44 | 58.20       | 13.44 | 62.10       | 14.39 | 69.70       | 16.46 | 77.20       | 17.91 |
|        | 16                              | 39.30                        | 8.94  | 46.80       | 10.78 | 54.30       | 12.67 | 58.20       | 13.68 | 62.10       | 14.69 | 69.70       | 16.82 | 77.20       | 18.26 |
|        | 18                              | 39.30                        | 9.12  | 46.80       | 10.96 | 54.30       | 12.91 | 58.20       | 13.92 | 62.10       | 14.98 | 69.70       | 17.12 | 77.20       | 18.65 |
|        | 20                              | 39.30                        | 9.30  | 46.80       | 11.19 | 54.30       | 13.21 | 58.20       | 14.21 | 62.10       | 15.28 | 69.70       | 17.77 | 77.20       | 19.76 |
|        | 21                              | 39.30                        | 9.36  | 46.80       | 11.31 | 54.30       | 13.32 | 58.20       | 14.39 | 62.10       | 15.63 | 69.70       | 18.33 | 77.20       | 20.29 |
|        | 23                              | 39.30                        | 9.53  | 46.80       | 11.49 | 54.30       | 13.92 | 58.20       | 15.28 | 62.10       | 16.70 | 69.70       | 19.35 | 77.20       | 21.29 |
|        | 25                              | 39.30                        | 9.89  | 46.80       | 12.26 | 54.30       | 14.92 | 58.20       | 16.35 | 62.10       | 17.88 | 69.70       | 20.71 | 77.20       | 22.77 |
|        | 27                              | 39.30                        | 10.48 | 46.80       | 13.03 | 54.30       | 15.93 | 58.20       | 17.47 | 62.10       | 19.07 | 69.70       | 22.00 | 77.20       | 23.95 |
|        | 29                              | 39.30                        | 11.13 | 46.80       | 13.92 | 54.30       | 16.94 | 58.20       | 18.60 | 62.10       | 20.37 | 69.70       | 23.58 | 77.20       | 25.10 |
|        | 31                              | 39.30                        | 11.84 | 46.80       | 14.75 | 54.30       | 18.06 | 58.20       | 19.84 | 62.10       | 21.68 | 69.70       | 25.02 | 77.20       | 26.35 |
|        | 33                              | 39.30                        | 12.55 | 46.80       | 15.75 | 54.30       | 19.25 | 58.20       | 21.14 | 62.10       | 23.10 | 69.70       | 26.36 | 77.20       | 27.61 |
|        | 35                              | 39.30                        | 13.32 | 46.80       | 16.70 | 54.30       | 20.49 | 58.20       | 22.50 | 62.10       | 24.64 | 69.70       | 27.95 | 77.20       | 29.49 |
|        | 37                              | 39.30                        | 14.09 | 46.80       | 17.76 | 54.30       | 21.73 | 58.20       | 23.93 | 62.10       | 26.18 | 69.70       | 29.50 | 77.20       | 31.42 |
|        | 39                              | 39.30                        | 14.90 | 46.80       | 18.77 | 54.30       | 23.25 | 58.20       | 25.72 | 62.10       | 28.13 | 69.70       | 31.17 | 77.20       | 33.70 |
|        | 41                              | 39.30                        | 17.11 | 46.80       | 21.60 | 54.30       | 26.49 | 58.20       | 29.27 | 62.10       | 32.09 | 69.70       | 34.75 | 77.00       | 37.65 |
|        | 43                              | 39.30                        | 19.54 | 46.80       | 24.46 | 54.30       | 30.01 | 58.20       | 33.10 | 62.10       | 36.39 | 69.70       | 38.61 | 73.80       | 40.78 |
|        | 46                              | 38.00                        | 22.86 | 45.30       | 28.97 | 52.60       | 35.56 | 56.40       | 38.75 | 60.20       | 43.18 | 65.80       | 45.08 | 67.40       | 45.48 |
|        | 48                              | 33.60                        | 20.21 | 40.10       | 25.64 | 46.50       | 31.48 | 49.90       | 34.26 | 53.20       | 38.26 | 57.20       | 38.71 | 58.50       | 39.02 |
|        | 50                              | 29.20                        | 17.49 | 34.80       | 22.23 | 40.50       | 27.30 | 43.40       | 29.66 | 46.30       | 33.22 | 48.50       | 32.17 | 49.70       | 32.39 |
|        | 52                              | 24.80                        | 14.71 | 29.60       | 18.73 | 34.40       | 23.01 | 36.90       | 24.95 | 39.30       | 28.05 | 39.90       | 25.47 | 40.90       | 25.60 |
| 70     | 10                              | 34.30                        | 7.57  | 41.10       | 9.00  | 47.60       | 10.43 | 51.00       | 11.26 | 54.30       | 12.04 | 60.80       | 13.70 | 67.60       | 15.33 |
|        | 12                              | 34.30                        | 7.69  | 41.10       | 9.12  | 47.60       | 10.67 | 51.00       | 11.44 | 54.30       | 12.27 | 60.80       | 13.94 | 67.60       | 15.62 |
|        | 14                              | 34.30                        | 7.81  | 41.10       | 9.24  | 47.60       | 10.84 | 51.00       | 11.62 | 54.30       | 12.45 | 60.80       | 14.24 | 67.60       | 15.90 |
|        | 16                              | 34.30                        | 7.92  | 41.10       | 9.41  | 47.60       | 11.02 | 51.00       | 11.86 | 54.30       | 12.69 | 60.80       | 14.48 | 67.60       | 16.24 |
|        | 18                              | 34.30                        | 8.04  | 41.10       | 9.59  | 47.60       | 11.26 | 51.00       | 12.10 | 54.30       | 12.93 | 60.80       | 14.72 | 67.60       | 16.53 |
|        | 20                              | 34.30                        | 8.16  | 41.10       | 9.77  | 47.60       | 11.44 | 51.00       | 12.33 | 54.30       | 13.23 | 60.80       | 15.07 | 67.60       | 17.16 |
|        | 21                              | 34.30                        | 8.28  | 41.10       | 9.83  | 47.60       | 11.56 | 51.00       | 12.45 | 54.30       | 13.35 | 60.80       | 15.31 | 67.60       | 17.52 |
|        | 23                              | 34.30                        | 8.40  | 41.10       | 10.07 | 47.60       | 11.80 | 51.00       | 12.87 | 54.30       | 14.00 | 60.80       | 16.39 | 67.60       | 18.50 |
|        | 25                              | 34.30                        | 8.52  | 41.10       | 10.43 | 47.60       | 12.57 | 51.00       | 13.76 | 54.30       | 14.96 | 60.80       | 17.52 | 67.60       | 19.40 |
|        | 27                              | 34.30                        | 9.00  | 41.10       | 11.14 | 47.60       | 13.41 | 51.00       | 14.60 | 54.30       | 15.97 | 60.80       | 18.71 | 67.60       | 20.62 |
|        | 29                              | 34.30                        | 9.59  | 41.10       | 11.80 | 47.60       | 14.24 | 51.00       | 15.55 | 54.30       | 16.98 | 60.80       | 19.96 | 67.60       | 22.09 |
|        | 31                              | 34.30                        | 10.19 | 41.10       | 12.57 | 47.60       | 15.19 | 51.00       | 16.62 | 54.30       | 18.11 | 60.80       | 21.27 | 67.60       | 23.44 |
|        | 33                              | 34.30                        | 10.78 | 41.10       | 13.29 | 47.60       | 16.15 | 51.00       | 17.64 | 54.30       | 19.25 | 60.80       | 22.64 | 67.60       | 24.95 |
|        | 35                              | 34.30                        | 11.38 | 41.10       | 14.19 | 47.60       | 17.16 | 51.00       | 18.77 | 54.30       | 20.50 | 60.80       | 24.13 | 67.60       | 26.46 |
|        | 37                              | 34.30                        | 12.10 | 41.10       | 15.02 | 47.60       | 18.23 | 51.00       | 19.96 | 54.30       | 21.81 | 60.80       | 25.68 | 67.60       | 27.92 |
|        | 39                              | 34.30                        | 12.84 | 41.10       | 16.02 | 47.60       | 19.49 | 51.00       | 21.48 | 54.30       | 23.56 | 60.80       | 27.48 | 67.60       | 30.10 |
|        | 41                              | 34.30                        | 14.74 | 41.10       | 18.22 | 47.60       | 22.20 | 51.00       | 24.46 | 54.30       | 26.59 | 60.80       | 31.34 | 67.60       | 33.72 |
|        | 43                              | 34.30                        | 16.65 | 41.10       | 20.60 | 47.60       | 25.14 | 51.00       | 27.67 | 54.30       | 30.13 | 60.80       | 35.53 | 67.60       | 37.83 |
|        | 46                              | 33.20                        | 19.46 | 39.80       | 24.36 | 46.10       | 29.77 | 49.30       | 32.41 | 52.60       | 35.72 | 58.90       | 42.14 | 65.40       | 44.34 |
|        | 48                              | 29.40                        | 17.19 | 35.20       | 21.54 | 40.70       | 26.35 | 43.60       | 28.68 | 46.50       | 31.63 | 52.10       | 37.33 | 57.90       | 38.85 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 25.60                        | 14.87 | 30.60       | 18.65 | 35.40       | 22.84 | 37.90       | 24.84 | 40.50       | 27.44 | 45.30       | 32.40 | 50.30       | 33.22 |
|        | 52                               | 21.70                        | 12.48 | 26.00       | 15.69 | 30.10       | 19.24 | 32.30       | 20.91 | 34.40       | 23.15 | 38.50       | 27.34 | 42.80       | 27.45 |
| 60     | 10                               | 29.40                        | 6.59  | 35.10       | 7.73  | 40.80       | 8.99  | 43.70       | 9.65  | 46.50       | 10.25 | 52.30       | 11.63 | 58.00       | 13.01 |
|        | 12                               | 29.40                        | 6.71  | 35.10       | 7.85  | 40.80       | 9.11  | 43.70       | 9.77  | 46.50       | 10.43 | 52.30       | 11.81 | 58.00       | 13.25 |
|        | 14                               | 29.40                        | 6.77  | 35.10       | 7.97  | 40.80       | 9.29  | 43.70       | 9.95  | 46.50       | 10.61 | 52.30       | 12.05 | 58.00       | 13.49 |
|        | 16                               | 29.40                        | 6.89  | 35.10       | 8.15  | 40.80       | 9.41  | 43.70       | 10.13 | 46.50       | 10.85 | 52.30       | 12.29 | 58.00       | 13.73 |
|        | 18                               | 29.40                        | 7.01  | 35.10       | 8.27  | 40.80       | 9.59  | 43.70       | 10.31 | 46.50       | 11.03 | 52.30       | 12.47 | 58.00       | 14.03 |
|        | 20                               | 29.40                        | 7.13  | 35.10       | 8.39  | 40.80       | 9.77  | 43.70       | 10.49 | 46.50       | 11.21 | 52.30       | 12.71 | 58.00       | 14.33 |
|        | 21                               | 29.40                        | 7.19  | 35.10       | 8.45  | 40.80       | 9.89  | 43.70       | 10.61 | 46.50       | 11.33 | 52.30       | 12.89 | 58.00       | 14.45 |
|        | 23                               | 29.40                        | 7.31  | 35.10       | 8.63  | 40.80       | 10.01 | 43.70       | 10.79 | 46.50       | 11.57 | 52.30       | 13.37 | 58.00       | 15.35 |
|        | 25                               | 29.40                        | 7.43  | 35.10       | 8.81  | 40.80       | 10.43 | 43.70       | 11.33 | 46.50       | 12.29 | 52.30       | 14.27 | 58.00       | 16.43 |
|        | 27                               | 29.40                        | 7.67  | 35.10       | 9.29  | 40.80       | 11.09 | 43.70       | 12.05 | 46.50       | 13.07 | 52.30       | 15.17 | 58.00       | 17.50 |
|        | 29                               | 29.40                        | 8.15  | 35.10       | 9.89  | 40.80       | 11.81 | 43.70       | 12.83 | 46.50       | 13.91 | 52.30       | 16.19 | 58.00       | 18.70 |
|        | 31                               | 29.40                        | 8.63  | 35.10       | 10.49 | 40.80       | 12.53 | 43.70       | 13.67 | 46.50       | 14.81 | 52.30       | 17.26 | 58.00       | 19.90 |
|        | 33                               | 29.40                        | 9.11  | 35.10       | 11.09 | 40.80       | 13.31 | 43.70       | 14.51 | 46.50       | 15.77 | 52.30       | 18.34 | 58.00       | 21.22 |
|        | 35                               | 29.40                        | 9.65  | 35.10       | 11.81 | 40.80       | 14.15 | 43.70       | 15.41 | 46.50       | 16.73 | 52.30       | 19.54 | 58.00       | 22.54 |
|        | 37                               | 29.40                        | 10.19 | 35.10       | 12.46 | 40.80       | 14.99 | 43.70       | 16.37 | 46.50       | 17.74 | 52.30       | 20.74 | 58.00       | 23.98 |
|        | 39                               | 29.40                        | 10.84 | 35.10       | 13.27 | 40.80       | 16.18 | 43.70       | 17.56 | 46.50       | 19.10 | 52.30       | 22.24 | 58.00       | 25.70 |
|        | 41                               | 29.40                        | 12.21 | 35.10       | 15.08 | 40.80       | 18.24 | 43.70       | 19.92 | 46.50       | 21.52 | 52.30       | 25.34 | 58.00       | 28.99 |
|        | 43                               | 29.40                        | 13.76 | 35.10       | 17.03 | 40.80       | 20.63 | 43.70       | 22.52 | 46.50       | 24.35 | 52.30       | 28.70 | 58.00       | 32.86 |
|        | 46                               | 28.40                        | 16.21 | 34.00       | 20.12 | 39.50       | 24.41 | 42.30       | 26.62 | 45.10       | 28.82 | 50.60       | 34.02 | 56.10       | 39.37 |
|        | 48                               | 25.20                        | 14.30 | 30.10       | 17.77 | 35.00       | 21.58 | 37.40       | 23.54 | 39.90       | 25.49 | 44.80       | 30.12 | 49.70       | 34.87 |
|        | 50                               | 21.90                        | 12.34 | 26.10       | 15.37 | 30.40       | 18.69 | 32.50       | 20.38 | 34.70       | 22.09 | 38.90       | 26.12 | 43.20       | 30.26 |
|        | 52                               | 18.60                        | 10.33 | 22.20       | 12.91 | 25.80       | 15.73 | 27.60       | 17.13 | 29.50       | 18.59 | 33.10       | 22.02 | 36.70       | 25.53 |
| 50     | 10                               | 24.60                        | 5.73  | 29.40       | 6.63  | 34.10       | 7.54  | 36.40       | 8.08  | 38.70       | 8.56  | 43.40       | 9.65  | 48.40       | 10.74 |
|        | 12                               | 24.60                        | 5.79  | 29.40       | 6.69  | 34.10       | 7.66  | 36.40       | 8.20  | 38.70       | 8.75  | 43.40       | 9.83  | 48.40       | 10.92 |
|        | 14                               | 24.60                        | 5.85  | 29.40       | 6.82  | 34.10       | 7.78  | 36.40       | 8.32  | 38.70       | 8.87  | 43.40       | 9.95  | 48.40       | 11.10 |
|        | 16                               | 24.60                        | 5.97  | 29.40       | 6.94  | 34.10       | 7.90  | 36.40       | 8.50  | 38.70       | 8.99  | 43.40       | 10.13 | 48.40       | 11.28 |
|        | 18                               | 24.60                        | 6.03  | 29.40       | 7.00  | 34.10       | 8.02  | 36.40       | 8.62  | 38.70       | 9.17  | 43.40       | 10.31 | 48.40       | 11.52 |
|        | 20                               | 24.60                        | 6.09  | 29.40       | 7.12  | 34.10       | 8.20  | 36.40       | 8.75  | 38.70       | 9.35  | 43.40       | 10.49 | 48.40       | 11.76 |
|        | 21                               | 24.60                        | 6.15  | 29.40       | 7.18  | 34.10       | 8.26  | 36.40       | 8.87  | 38.70       | 9.41  | 43.40       | 10.61 | 48.40       | 11.88 |
|        | 23                               | 24.60                        | 6.27  | 29.40       | 7.30  | 34.10       | 8.38  | 36.40       | 8.99  | 38.70       | 9.59  | 43.40       | 10.80 | 48.40       | 12.12 |
|        | 25                               | 24.60                        | 6.33  | 29.40       | 7.42  | 34.10       | 8.56  | 36.40       | 9.17  | 38.70       | 9.89  | 43.40       | 11.34 | 48.40       | 12.97 |
|        | 27                               | 24.60                        | 6.45  | 29.40       | 7.66  | 34.10       | 9.05  | 36.40       | 9.77  | 38.70       | 10.49 | 43.40       | 12.12 | 48.40       | 13.81 |
|        | 29                               | 24.60                        | 6.82  | 29.40       | 8.14  | 34.10       | 9.59  | 36.40       | 10.37 | 38.70       | 11.16 | 43.40       | 12.85 | 48.40       | 14.66 |
|        | 31                               | 24.60                        | 7.18  | 29.40       | 8.62  | 34.10       | 10.19 | 36.40       | 10.98 | 38.70       | 11.88 | 43.40       | 13.69 | 48.40       | 15.62 |
|        | 33                               | 24.60                        | 7.60  | 29.40       | 9.11  | 34.10       | 10.80 | 36.40       | 11.64 | 38.70       | 12.61 | 43.40       | 14.54 | 48.40       | 16.65 |
|        | 35                               | 24.60                        | 8.02  | 29.40       | 9.65  | 34.10       | 11.40 | 36.40       | 12.36 | 38.70       | 13.33 | 43.40       | 15.38 | 48.40       | 17.67 |
|        | 37                               | 24.60                        | 8.50  | 29.40       | 10.19 | 34.10       | 12.06 | 36.40       | 13.09 | 38.70       | 14.11 | 43.40       | 16.40 | 48.40       | 18.76 |
|        | 39                               | 24.60                        | 9.07  | 29.40       | 10.93 | 34.10       | 12.92 | 36.40       | 14.09 | 38.70       | 15.14 | 43.40       | 17.47 | 48.40       | 20.26 |
|        | 41                               | 24.60                        | 10.19 | 29.40       | 12.28 | 34.10       | 14.67 | 36.40       | 15.84 | 38.70       | 17.04 | 43.40       | 19.89 | 48.40       | 22.84 |
|        | 43                               | 24.60                        | 11.48 | 29.40       | 13.86 | 34.10       | 16.57 | 36.40       | 17.90 | 38.70       | 19.24 | 43.40       | 22.50 | 48.40       | 25.86 |
|        | 46                               | 23.80                        | 13.53 | 28.40       | 16.35 | 33.00       | 19.55 | 35.20       | 21.14 | 37.50       | 22.73 | 42.00       | 26.63 | 46.80       | 30.62 |
|        | 48                               | 21.00                        | 11.94 | 25.20       | 14.44 | 29.20       | 17.26 | 31.20       | 18.68 | 33.20       | 20.08 | 37.20       | 23.56 | 41.40       | 27.09 |
|        | 50                               | 18.30                        | 10.30 | 21.90       | 12.47 | 25.40       | 14.92 | 27.10       | 16.16 | 28.80       | 17.36 | 32.30       | 20.41 | 36.00       | 23.48 |
|        | 52                               | 15.60                        | 8.63  | 18.60       | 10.46 | 21.60       | 12.51 | 23.00       | 13.57 | 24.50       | 14.58 | 27.50       | 17.18 | 30.60       | 19.78 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM280LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 61.20                        | 7.03  | 77.30       | 10.42 | 94.60       | 15.71 | 101.9       | 18.25 | 109.7       | 20.79 | 113.9       | 22.05 | 117.2       | 23.10 |
|        | 12                              | 61.20                        | 7.71  | 77.30       | 11.41 | 94.60       | 16.72 | 101.9       | 19.24 | 109.6       | 21.88 | 113.8       | 23.12 | 117.1       | 24.13 |
|        | 14                              | 61.20                        | 8.17  | 77.30       | 12.50 | 94.60       | 17.90 | 101.9       | 20.46 | 109.5       | 23.24 | 113.6       | 24.37 | 116.9       | 25.25 |
|        | 16                              | 61.20                        | 8.91  | 77.30       | 13.51 | 94.60       | 19.25 | 101.9       | 21.88 | 109.2       | 24.30 | 113.4       | 25.43 | 116.6       | 26.26 |
|        | 18                              | 61.20                        | 9.75  | 77.30       | 14.71 | 94.60       | 20.73 | 101.9       | 23.31 | 108.9       | 25.51 | 113.1       | 26.58 | 116.0       | 27.13 |
|        | 20                              | 61.20                        | 10.68 | 77.30       | 16.08 | 94.60       | 22.19 | 101.9       | 24.70 | 108.5       | 26.61 | 112.7       | 27.49 | 115.2       | 27.92 |
|        | 21                              | 61.20                        | 11.25 | 77.30       | 16.89 | 94.60       | 22.92 | 101.9       | 25.50 | 108.3       | 27.14 | 112.4       | 28.00 | 114.8       | 28.36 |
|        | 23                              | 61.20                        | 12.41 | 77.30       | 18.35 | 94.60       | 24.47 | 101.9       | 26.58 | 107.8       | 27.89 | 112.0       | 28.65 | 113.8       | 28.91 |
|        | 25                              | 61.20                        | 13.85 | 77.30       | 19.58 | 94.60       | 25.72 | 101.9       | 27.51 | 107.3       | 28.68 | 111.0       | 29.37 | 112.6       | 29.61 |
|        | 27                              | 61.20                        | 14.89 | 77.30       | 20.94 | 94.60       | 26.82 | 101.9       | 28.55 | 106.7       | 29.63 | 109.9       | 30.20 | 111.5       | 30.46 |
|        | 29                              | 61.20                        | 15.96 | 77.30       | 22.40 | 94.60       | 28.01 | 101.3       | 29.62 | 106.0       | 30.72 | 108.7       | 31.20 | 110.2       | 31.47 |
|        | 31                              | 61.20                        | 17.02 | 77.30       | 23.85 | 94.60       | 29.33 | 100.6       | 30.83 | 105.3       | 32.00 | 107.2       | 32.34 | 108.8       | 32.64 |
|        | 33                              | 61.20                        | 18.30 | 77.30       | 25.20 | 94.60       | 30.78 | 99.90       | 32.22 | 103.9       | 33.27 | 105.8       | 33.64 | 107.4       | 33.96 |
|        | 35                              | 61.20                        | 19.61 | 77.30       | 26.67 | 94.60       | 32.42 | 99.10       | 33.80 | 102.4       | 34.68 | 104.3       | 35.08 | 105.9       | 35.42 |
|        | 37                              | 61.20                        | 20.86 | 77.30       | 28.26 | 94.00       | 34.12 | 97.60       | 35.36 | 98.80       | 35.60 | 99.90       | 35.82 | 100.7       | 36.01 |
|        | 39                              | 61.20                        | 22.21 | 77.30       | 29.43 | 92.70       | 34.88 | 93.80       | 35.07 | 95.00       | 35.33 | 96.00       | 35.57 | 96.90       | 35.77 |
|        | 41                              | 61.20                        | 23.65 | 77.30       | 30.54 | 86.80       | 34.19 | 86.80       | 34.19 | 86.70       | 34.19 | 86.70       | 34.17 | 86.70       | 34.18 |
|        | 43                              | 61.20                        | 24.62 | 77.30       | 31.08 | 80.10       | 32.19 | 80.10       | 32.17 | 80.10       | 32.17 | 80.00       | 32.15 | 80.00       | 32.17 |
|        | 46                              | 61.20                        | 25.69 | 70.40       | 29.52 | 70.30       | 29.49 | 70.30       | 29.48 | 70.30       | 29.47 | 70.30       | 29.47 | 70.20       | 29.45 |
|        | 48                              | 61.20                        | 26.86 | 64.10       | 28.15 | 64.10       | 28.09 | 64.10       | 28.13 | 64.90       | 28.50 | 64.10       | 28.10 | 64.00       | 28.07 |
|        | 50                              | 58.30                        | 26.45 | 58.20       | 26.42 | 58.10       | 26.38 | 58.20       | 26.41 | 58.20       | 26.41 | 58.20       | 26.40 | 58.10       | 26.37 |
|        | 52                              | 52.10                        | 23.44 | 52.50       | 23.32 | 52.50       | 22.68 | 52.50       | 22.55 | 52.50       | 22.40 | 52.60       | 22.31 | 52.60       | 22.22 |
| 120    | 10                              | 56.50                        | 6.32  | 71.40       | 8.97  | 87.30       | 13.31 | 94.00       | 15.51 | 101.6       | 18.07 | 108.0       | 20.22 | 111.6       | 21.33 |
|        | 12                              | 56.50                        | 6.92  | 71.40       | 9.84  | 87.30       | 14.45 | 94.00       | 16.54 | 101.6       | 19.12 | 108.0       | 21.45 | 111.5       | 22.41 |
|        | 14                              | 56.50                        | 7.13  | 71.40       | 10.80 | 87.30       | 15.57 | 94.00       | 17.73 | 101.6       | 20.35 | 108.0       | 22.81 | 111.3       | 23.73 |
|        | 16                              | 56.50                        | 7.76  | 71.40       | 11.71 | 87.30       | 16.81 | 94.00       | 19.07 | 101.6       | 21.79 | 108.0       | 23.97 | 111.1       | 24.80 |
|        | 18                              | 56.50                        | 8.51  | 71.40       | 12.78 | 87.30       | 18.19 | 94.00       | 20.53 | 101.6       | 23.22 | 107.7       | 25.17 | 110.8       | 26.00 |
|        | 20                              | 56.50                        | 9.37  | 71.40       | 13.96 | 87.30       | 19.72 | 94.00       | 22.02 | 101.6       | 24.55 | 107.3       | 26.35 | 110.4       | 27.02 |
|        | 21                              | 56.50                        | 9.81  | 71.40       | 14.63 | 87.30       | 20.43 | 94.00       | 22.75 | 101.6       | 25.42 | 107.1       | 26.88 | 110.2       | 27.55 |
|        | 23                              | 56.50                        | 10.86 | 71.40       | 16.15 | 87.30       | 21.93 | 94.00       | 24.30 | 101.6       | 26.52 | 106.6       | 27.65 | 109.7       | 28.25 |
|        | 25                              | 56.50                        | 12.14 | 71.40       | 17.35 | 87.30       | 23.32 | 94.00       | 25.57 | 101.6       | 27.45 | 106.1       | 28.44 | 109.2       | 29.04 |
|        | 27                              | 56.50                        | 13.41 | 71.40       | 18.56 | 87.30       | 24.62 | 94.00       | 26.68 | 101.6       | 28.49 | 105.5       | 29.39 | 108.6       | 29.99 |
|        | 29                              | 56.50                        | 14.34 | 71.40       | 19.83 | 87.30       | 25.98 | 94.00       | 27.87 | 101.1       | 29.57 | 104.9       | 30.49 | 107.7       | 31.04 |
|        | 31                              | 56.50                        | 15.36 | 71.40       | 21.35 | 87.30       | 27.27 | 94.00       | 29.18 | 100.4       | 30.80 | 104.2       | 31.74 | 106.3       | 32.18 |
|        | 33                              | 56.50                        | 16.36 | 71.40       | 22.89 | 87.30       | 28.66 | 94.00       | 30.63 | 99.70       | 32.18 | 103.4       | 33.19 | 105.0       | 33.47 |
|        | 35                              | 56.50                        | 17.63 | 71.40       | 24.23 | 87.30       | 30.18 | 94.00       | 32.26 | 98.90       | 33.76 | 101.9       | 34.60 | 103.5       | 34.91 |
|        | 37                              | 56.50                        | 18.76 | 71.40       | 25.66 | 87.30       | 31.86 | 93.70       | 34.01 | 97.70       | 35.36 | 98.70       | 35.57 | 99.50       | 35.74 |
|        | 39                              | 56.50                        | 19.95 | 71.40       | 27.21 | 87.30       | 33.05 | 92.80       | 34.87 | 93.80       | 35.09 | 94.90       | 35.29 | 95.70       | 35.49 |
|        | 41                              | 56.50                        | 21.23 | 71.40       | 28.23 | 86.90       | 34.21 | 86.80       | 34.19 | 86.70       | 34.17 | 86.70       | 34.17 | 86.70       | 34.17 |
|        | 43                              | 56.50                        | 22.63 | 71.40       | 28.68 | 80.10       | 32.20 | 80.10       | 32.18 | 80.10       | 32.17 | 80.10       | 32.17 | 80.00       | 32.16 |
|        | 46                              | 56.50                        | 23.71 | 70.40       | 29.52 | 70.30       | 29.48 | 70.30       | 29.48 | 70.30       | 29.46 | 70.20       | 29.48 | 70.30       | 29.47 |
|        | 48                              | 56.50                        | 24.80 | 64.10       | 28.15 | 64.10       | 28.14 | 64.10       | 28.12 | 64.10       | 28.11 | 64.10       | 28.09 | 64.10       | 28.09 |
|        | 50                              | 56.50                        | 25.65 | 58.20       | 26.41 | 58.20       | 26.41 | 58.20       | 26.39 | 58.10       | 26.38 | 57.00       | 25.88 | 58.10       | 26.37 |
|        | 52                              | 52.10                        | 23.42 | 52.30       | 23.56 | 52.60       | 22.94 | 52.50       | 22.82 | 52.60       | 22.70 | 52.60       | 22.59 | 52.60       | 22.54 |
| 110    | 10                              | 51.80                        | 5.73  | 65.40       | 7.76  | 80.00       | 11.17 | 86.20       | 12.98 | 93.10       | 15.19 | 99.00       | 17.21 | 103.6       | 18.93 |
|        | 12                              | 51.80                        | 6.17  | 65.40       | 8.52  | 80.00       | 12.23 | 86.20       | 14.10 | 93.10       | 16.21 | 99.00       | 18.23 | 103.6       | 19.91 |
|        | 14                              | 51.80                        | 6.34  | 65.40       | 9.22  | 80.00       | 13.37 | 86.20       | 15.20 | 93.10       | 17.42 | 99.00       | 19.43 | 103.6       | 21.20 |
|        | 16                              | 51.80                        | 6.71  | 65.40       | 10.04 | 80.00       | 14.41 | 86.20       | 16.47 | 93.10       | 18.72 | 99.00       | 20.81 | 103.6       | 22.49 |
|        | 18                              | 51.80                        | 7.35  | 65.40       | 10.92 | 80.00       | 15.72 | 86.20       | 17.83 | 93.10       | 20.22 | 99.00       | 22.28 | 103.6       | 23.90 |
|        | 20                              | 51.80                        | 8.09  | 65.40       | 11.99 | 80.00       | 17.26 | 86.20       | 19.37 | 93.10       | 21.66 | 99.00       | 23.68 | 103.6       | 25.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 51.80                        | 8.49  | 65.40       | 12.55 | 80.00       | 18.05 | 86.20       | 20.06 | 93.10       | 22.40 | 99.00       | 24.48 | 103.6       | 26.00 |
|        | 23                               | 51.80                        | 9.41  | 65.40       | 13.92 | 80.00       | 19.41 | 86.20       | 21.56 | 93.10       | 24.00 | 99.00       | 25.89 | 103.6       | 26.99 |
|        | 25                               | 51.80                        | 10.56 | 65.40       | 15.30 | 80.00       | 20.65 | 86.20       | 22.92 | 93.10       | 25.33 | 99.00       | 26.86 | 103.5       | 27.86 |
|        | 27                               | 51.80                        | 11.83 | 65.40       | 16.40 | 80.00       | 22.09 | 86.20       | 24.20 | 93.10       | 26.43 | 99.00       | 27.93 | 102.9       | 28.80 |
|        | 29                               | 51.80                        | 12.79 | 65.40       | 17.46 | 80.00       | 23.35 | 86.20       | 25.66 | 93.10       | 27.63 | 99.00       | 29.11 | 102.3       | 29.88 |
|        | 31                               | 51.80                        | 13.63 | 65.40       | 18.73 | 80.00       | 24.88 | 86.20       | 26.92 | 93.10       | 28.94 | 98.90       | 30.40 | 101.7       | 31.12 |
|        | 33                               | 51.80                        | 14.65 | 65.40       | 20.08 | 80.00       | 26.30 | 86.20       | 28.31 | 93.10       | 30.39 | 98.20       | 31.76 | 101.0       | 32.54 |
|        | 35                               | 51.80                        | 15.61 | 65.40       | 21.48 | 80.00       | 27.74 | 86.20       | 29.82 | 93.10       | 31.99 | 97.40       | 33.30 | 100.2       | 34.15 |
|        | 37                               | 51.80                        | 16.78 | 65.40       | 22.85 | 80.00       | 29.26 | 86.20       | 31.47 | 93.10       | 33.81 | 96.70       | 35.04 | 98.10       | 35.45 |
|        | 39                               | 51.80                        | 17.86 | 65.40       | 24.35 | 80.00       | 30.44 | 86.20       | 32.66 | 92.30       | 34.76 | 93.60       | 35.04 | 94.30       | 35.19 |
|        | 41                               | 51.80                        | 18.99 | 65.40       | 25.84 | 80.00       | 31.60 | 86.20       | 33.97 | 86.90       | 34.20 | 86.70       | 34.18 | 86.70       | 34.20 |
|        | 43                               | 51.80                        | 20.21 | 65.40       | 26.30 | 80.00       | 32.16 | 80.10       | 32.20 | 80.10       | 32.18 | 80.00       | 32.18 | 80.10       | 32.18 |
|        | 46                               | 51.80                        | 21.77 | 65.40       | 27.44 | 70.30       | 29.52 | 70.30       | 29.50 | 70.30       | 29.50 | 70.30       | 29.49 | 70.30       | 29.49 |
|        | 48                               | 51.80                        | 22.72 | 64.10       | 28.13 | 64.10       | 28.11 | 64.10       | 28.11 | 64.10       | 28.10 | 64.10       | 28.09 | 64.10       | 28.09 |
|        | 50                               | 51.80                        | 23.51 | 58.30       | 26.44 | 58.30       | 26.42 | 58.20       | 26.41 | 58.10       | 26.40 | 58.10       | 26.39 | 58.10       | 26.38 |
|        | 52                               | 51.80                        | 23.27 | 52.40       | 23.52 | 52.50       | 23.25 | 52.60       | 23.14 | 52.60       | 23.03 | 52.10       | 22.63 | 52.60       | 22.72 |
| 100    | 10                               | 47.10                        | 5.22  | 59.50       | 6.75  | 72.80       | 9.28  | 78.40       | 10.71 | 84.70       | 12.54 | 90.00       | 14.16 | 94.30       | 15.52 |
|        | 12                               | 47.10                        | 5.48  | 59.50       | 7.40  | 72.80       | 10.19 | 78.40       | 11.72 | 84.70       | 13.64 | 90.00       | 15.32 | 94.30       | 16.59 |
|        | 14                               | 47.10                        | 5.64  | 59.50       | 7.76  | 72.80       | 11.18 | 78.40       | 12.83 | 84.70       | 14.82 | 90.00       | 16.42 | 94.30       | 17.77 |
|        | 16                               | 47.10                        | 5.76  | 59.50       | 8.49  | 72.80       | 12.12 | 78.40       | 13.98 | 84.70       | 15.98 | 90.00       | 17.68 | 94.30       | 19.12 |
|        | 18                               | 47.10                        | 6.31  | 59.50       | 9.28  | 72.80       | 13.22 | 78.40       | 15.13 | 84.70       | 17.32 | 90.00       | 19.14 | 94.30       | 20.63 |
|        | 20                               | 47.10                        | 6.94  | 59.50       | 10.18 | 72.80       | 14.49 | 78.40       | 16.54 | 84.70       | 18.87 | 90.00       | 20.63 | 94.30       | 22.05 |
|        | 21                               | 47.10                        | 7.30  | 59.50       | 10.67 | 72.80       | 15.18 | 78.40       | 17.36 | 84.70       | 19.57 | 90.00       | 21.36 | 94.30       | 22.79 |
|        | 23                               | 47.10                        | 8.11  | 59.50       | 11.83 | 72.80       | 16.78 | 78.40       | 18.77 | 84.70       | 21.03 | 90.00       | 22.88 | 94.30       | 24.38 |
|        | 25                               | 47.10                        | 9.06  | 59.50       | 13.22 | 72.80       | 17.89 | 78.40       | 19.97 | 84.70       | 22.42 | 90.00       | 24.22 | 94.30       | 25.62 |
|        | 27                               | 47.10                        | 10.21 | 59.50       | 14.30 | 72.80       | 19.11 | 78.40       | 21.54 | 84.70       | 23.70 | 90.00       | 25.57 | 94.30       | 26.72 |
|        | 29                               | 47.10                        | 11.33 | 59.50       | 15.31 | 72.80       | 20.41 | 78.40       | 22.78 | 84.70       | 25.07 | 90.00       | 26.77 | 94.30       | 27.92 |
|        | 31                               | 47.10                        | 12.10 | 59.50       | 16.43 | 72.80       | 22.16 | 78.40       | 24.24 | 84.70       | 26.46 | 90.00       | 28.06 | 94.30       | 29.24 |
|        | 33                               | 47.10                        | 12.99 | 59.50       | 17.54 | 72.80       | 23.43 | 78.40       | 25.62 | 84.70       | 27.82 | 90.00       | 29.48 | 94.30       | 30.69 |
|        | 35                               | 47.10                        | 13.86 | 59.50       | 18.85 | 72.80       | 24.79 | 78.40       | 27.10 | 84.70       | 29.31 | 90.00       | 31.04 | 94.30       | 32.31 |
|        | 37                               | 47.10                        | 14.79 | 59.50       | 20.05 | 72.80       | 26.26 | 78.40       | 28.65 | 84.70       | 30.93 | 90.00       | 32.79 | 93.90       | 34.05 |
|        | 39                               | 47.10                        | 15.90 | 59.50       | 21.34 | 72.80       | 27.74 | 78.40       | 29.82 | 84.70       | 32.12 | 90.00       | 33.99 | 92.90       | 34.89 |
|        | 41                               | 47.10                        | 16.91 | 59.50       | 22.72 | 72.80       | 28.77 | 78.40       | 30.95 | 84.70       | 33.38 | 86.80       | 34.18 | 86.80       | 34.20 |
|        | 43                               | 47.10                        | 17.99 | 59.50       | 23.90 | 72.80       | 29.25 | 78.40       | 31.51 | 80.10       | 32.21 | 80.10       | 32.17 | 80.10       | 32.17 |
|        | 46                               | 47.10                        | 19.60 | 59.50       | 24.94 | 70.30       | 29.51 | 70.30       | 29.49 | 70.30       | 29.49 | 70.30       | 29.49 | 70.30       | 29.47 |
|        | 48                               | 47.10                        | 20.59 | 59.50       | 26.09 | 64.10       | 28.14 | 64.10       | 28.12 | 64.10       | 28.12 | 64.10       | 28.11 | 64.10       | 28.11 |
|        | 50                               | 47.10                        | 21.44 | 58.30       | 26.45 | 58.20       | 26.44 | 58.20       | 26.42 | 58.20       | 26.40 | 58.20       | 26.40 | 58.20       | 26.38 |
|        | 52                               | 47.10                        | 21.16 | 52.20       | 23.43 | 51.70       | 23.29 | 52.40       | 23.38 | 52.60       | 23.18 | 52.60       | 23.00 | 52.60       | 22.84 |
| 90     | 10                               | 42.40                        | 4.61  | 53.50       | 5.94  | 65.50       | 7.77  | 70.50       | 8.78  | 76.20       | 10.13 | 81.00       | 11.46 | 84.80       | 12.58 |
|        | 12                               | 42.40                        | 4.88  | 53.50       | 6.47  | 65.50       | 8.53  | 70.50       | 9.64  | 76.20       | 11.10 | 81.00       | 12.54 | 84.80       | 13.68 |
|        | 14                               | 42.40                        | 4.96  | 53.50       | 6.63  | 65.50       | 9.23  | 70.50       | 10.59 | 76.20       | 12.17 | 81.00       | 13.70 | 84.80       | 14.80 |
|        | 16                               | 42.40                        | 5.07  | 53.50       | 7.10  | 65.50       | 10.05 | 70.50       | 11.57 | 76.20       | 13.28 | 81.00       | 14.77 | 84.80       | 16.01 |
|        | 18                               | 42.40                        | 5.34  | 53.50       | 7.79  | 65.50       | 10.95 | 70.50       | 12.51 | 76.20       | 14.32 | 81.00       | 16.05 | 84.80       | 17.39 |
|        | 20                               | 42.40                        | 5.93  | 53.50       | 8.54  | 65.50       | 12.03 | 70.50       | 13.72 | 76.20       | 15.68 | 81.00       | 17.58 | 84.80       | 18.89 |
|        | 21                               | 42.40                        | 6.24  | 53.50       | 8.98  | 65.50       | 12.58 | 70.50       | 14.38 | 76.20       | 16.46 | 81.00       | 18.35 | 84.80       | 19.60 |
|        | 23                               | 42.40                        | 6.92  | 53.50       | 9.95  | 65.50       | 13.94 | 70.50       | 16.06 | 76.20       | 17.94 | 81.00       | 19.78 | 84.80       | 21.07 |
|        | 25                               | 42.40                        | 7.74  | 53.50       | 11.10 | 65.50       | 15.37 | 70.50       | 17.08 | 76.20       | 19.15 | 81.00       | 21.05 | 84.80       | 22.50 |
|        | 27                               | 42.40                        | 8.69  | 53.50       | 12.44 | 65.50       | 16.42 | 70.50       | 18.26 | 76.20       | 20.49 | 81.00       | 22.41 | 84.80       | 23.73 |
|        | 29                               | 42.40                        | 9.86  | 53.50       | 13.28 | 65.50       | 17.57 | 70.50       | 19.58 | 76.20       | 22.01 | 81.00       | 23.74 | 84.80       | 25.10 |
|        | 31                               | 42.40                        | 10.66 | 53.50       | 14.21 | 65.50       | 18.86 | 70.50       | 21.17 | 76.20       | 23.44 | 81.00       | 25.14 | 84.80       | 26.50 |
|        | 33                               | 42.40                        | 11.49 | 53.50       | 15.27 | 65.50       | 20.24 | 70.50       | 22.50 | 76.20       | 24.77 | 81.00       | 26.64 | 84.80       | 27.87 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 42.40                        | 12.24 | 53.50       | 16.26 | 65.50       | 21.51 | 70.50       | 23.89 | 76.20       | 26.20 | 81.00       | 28.07 | 84.80       | 29.35 |
|        | 37                               | 42.40                        | 13.05 | 53.50       | 17.49 | 65.50       | 22.90 | 70.50       | 25.30 | 76.20       | 27.78 | 81.00       | 29.62 | 84.80       | 30.97 |
|        | 39                               | 42.40                        | 13.94 | 53.50       | 18.60 | 65.50       | 24.39 | 70.50       | 26.83 | 76.20       | 29.02 | 81.00       | 30.80 | 84.80       | 32.17 |
|        | 41                               | 42.40                        | 14.86 | 53.50       | 19.79 | 65.50       | 25.88 | 70.50       | 27.90 | 76.20       | 30.11 | 81.00       | 31.99 | 84.80       | 33.43 |
|        | 43                               | 42.40                        | 15.93 | 53.50       | 21.07 | 65.50       | 26.32 | 70.50       | 28.35 | 76.20       | 30.63 | 80.10       | 32.22 | 80.10       | 32.21 |
|        | 46                               | 42.40                        | 17.47 | 53.50       | 22.45 | 65.50       | 27.48 | 70.30       | 29.49 | 70.40       | 29.52 | 70.30       | 29.50 | 70.30       | 29.51 |
|        | 48                               | 42.40                        | 18.40 | 53.50       | 23.47 | 64.20       | 28.16 | 64.10       | 28.14 | 64.10       | 28.11 | 64.10       | 28.11 | 64.10       | 28.10 |
|        | 50                               | 42.40                        | 19.15 | 53.50       | 24.29 | 58.30       | 26.44 | 58.20       | 26.44 | 58.20       | 26.41 | 58.20       | 26.40 | 58.20       | 26.39 |
|        | 52                               | 42.40                        | 19.03 | 52.10       | 23.39 | 52.30       | 23.50 | 52.40       | 23.59 | 52.50       | 23.38 | 52.60       | 23.20 | 52.60       | 23.05 |
| 80     | 10                               | 37.60                        | 3.91  | 47.60       | 5.27  | 58.20       | 6.57  | 62.70       | 7.27  | 67.70       | 8.20  | 72.10       | 9.12  | 75.40       | 9.92  |
|        | 12                               | 37.60                        | 4.30  | 47.60       | 5.57  | 58.20       | 7.19  | 62.70       | 7.97  | 67.70       | 9.00  | 72.10       | 10.01 | 75.40       | 10.88 |
|        | 14                               | 37.60                        | 4.41  | 47.60       | 5.69  | 58.20       | 7.50  | 62.70       | 8.58  | 67.70       | 9.84  | 72.10       | 10.98 | 75.40       | 11.93 |
|        | 16                               | 37.60                        | 4.48  | 47.60       | 5.83  | 58.20       | 8.18  | 62.70       | 9.34  | 67.70       | 10.69 | 72.10       | 11.91 | 75.40       | 13.01 |
|        | 18                               | 37.60                        | 4.57  | 47.60       | 6.42  | 58.20       | 8.96  | 62.70       | 10.16 | 67.70       | 11.62 | 72.10       | 12.99 | 75.40       | 14.06 |
|        | 20                               | 37.60                        | 5.02  | 47.60       | 7.08  | 58.20       | 9.82  | 62.70       | 11.16 | 67.70       | 12.76 | 72.10       | 14.20 | 75.40       | 15.40 |
|        | 21                               | 37.60                        | 5.26  | 47.60       | 7.39  | 58.20       | 10.33 | 62.70       | 11.73 | 67.70       | 13.36 | 72.10       | 14.92 | 75.40       | 16.17 |
|        | 23                               | 37.60                        | 5.84  | 47.60       | 8.24  | 58.20       | 11.44 | 62.70       | 12.95 | 67.70       | 14.81 | 72.10       | 16.53 | 75.40       | 17.76 |
|        | 25                               | 37.60                        | 6.53  | 47.60       | 9.20  | 58.20       | 12.75 | 62.70       | 14.39 | 67.70       | 16.13 | 72.10       | 17.63 | 75.40       | 18.85 |
|        | 27                               | 37.60                        | 7.31  | 47.60       | 10.34 | 58.20       | 13.93 | 62.70       | 15.45 | 67.70       | 17.18 | 72.10       | 18.81 | 75.40       | 20.14 |
|        | 29                               | 37.60                        | 8.34  | 47.60       | 11.47 | 58.20       | 14.88 | 62.70       | 16.51 | 67.70       | 18.38 | 72.10       | 20.16 | 75.40       | 21.56 |
|        | 31                               | 37.60                        | 9.33  | 47.60       | 12.26 | 58.20       | 15.94 | 62.70       | 17.64 | 67.70       | 19.73 | 72.10       | 21.84 | 75.40       | 23.13 |
|        | 33                               | 37.60                        | 10.05 | 47.60       | 13.16 | 58.20       | 17.10 | 62.70       | 18.92 | 67.70       | 21.22 | 72.10       | 23.14 | 75.40       | 24.45 |
|        | 35                               | 37.60                        | 10.71 | 47.60       | 14.04 | 58.20       | 18.33 | 62.70       | 20.25 | 67.70       | 22.57 | 72.10       | 24.50 | 75.40       | 25.87 |
|        | 37                               | 37.60                        | 11.44 | 47.60       | 14.97 | 58.20       | 19.50 | 62.70       | 21.54 | 67.70       | 24.03 | 72.10       | 25.95 | 75.40       | 27.42 |
|        | 39                               | 37.60                        | 12.18 | 47.60       | 16.09 | 58.20       | 20.74 | 62.70       | 22.93 | 67.70       | 25.57 | 72.10       | 27.52 | 75.40       | 28.72 |
|        | 41                               | 37.60                        | 13.01 | 47.60       | 17.12 | 58.20       | 22.08 | 62.70       | 24.45 | 67.70       | 26.81 | 72.10       | 28.49 | 75.40       | 29.80 |
|        | 43                               | 37.60                        | 13.88 | 47.60       | 18.20 | 58.20       | 23.54 | 62.70       | 25.20 | 67.70       | 27.23 | 72.10       | 28.96 | 75.40       | 30.31 |
|        | 46                               | 37.60                        | 15.37 | 47.60       | 19.82 | 58.20       | 24.42 | 62.70       | 26.30 | 67.70       | 28.41 | 70.30       | 29.49 | 70.30       | 29.50 |
|        | 48                               | 37.60                        | 16.35 | 47.60       | 20.82 | 58.20       | 25.53 | 62.70       | 27.50 | 64.10       | 28.15 | 64.10       | 28.13 | 64.10       | 28.13 |
|        | 50                               | 37.60                        | 17.40 | 47.60       | 21.68 | 57.90       | 26.30 | 58.30       | 26.43 | 58.20       | 26.44 | 58.30       | 26.44 | 58.30       | 26.43 |
|        | 52                               | 37.60                        | 18.52 | 47.60       | 21.37 | 52.10       | 23.42 | 52.20       | 23.46 | 52.40       | 23.62 | 52.40       | 23.42 | 52.50       | 23.28 |
| 70     | 10                               | 32.90                        | 3.22  | 41.60       | 4.51  | 50.90       | 5.63  | 54.80       | 6.11  | 59.30       | 6.72  | 63.00       | 7.33  | 66.00       | 7.86  |
|        | 12                               | 32.90                        | 3.78  | 41.60       | 4.80  | 50.90       | 6.04  | 54.80       | 6.66  | 59.30       | 7.36  | 63.00       | 8.04  | 66.00       | 8.63  |
|        | 14                               | 32.90                        | 3.85  | 41.60       | 4.88  | 50.90       | 6.22  | 54.80       | 6.85  | 59.30       | 7.69  | 63.00       | 8.64  | 66.00       | 9.47  |
|        | 16                               | 32.90                        | 3.89  | 41.60       | 4.97  | 50.90       | 6.51  | 54.80       | 7.39  | 59.30       | 8.42  | 63.00       | 9.35  | 66.00       | 10.20 |
|        | 18                               | 32.90                        | 3.96  | 41.60       | 5.23  | 50.90       | 7.17  | 54.80       | 8.11  | 59.30       | 9.21  | 63.00       | 10.27 | 66.00       | 11.08 |
|        | 20                               | 32.90                        | 4.22  | 41.60       | 5.75  | 50.90       | 7.87  | 54.80       | 8.91  | 59.30       | 10.12 | 63.00       | 11.24 | 66.00       | 12.14 |
|        | 21                               | 32.90                        | 4.40  | 41.60       | 6.04  | 50.90       | 8.28  | 54.80       | 9.34  | 59.30       | 10.65 | 63.00       | 11.83 | 66.00       | 12.77 |
|        | 23                               | 32.90                        | 4.84  | 41.60       | 6.74  | 50.90       | 9.20  | 54.80       | 10.37 | 59.30       | 11.78 | 63.00       | 13.08 | 66.00       | 14.16 |
|        | 25                               | 32.90                        | 5.43  | 41.60       | 7.52  | 50.90       | 10.28 | 54.80       | 11.57 | 59.30       | 13.14 | 63.00       | 14.52 | 66.00       | 15.51 |
|        | 27                               | 32.90                        | 6.08  | 41.60       | 8.48  | 50.90       | 11.52 | 54.80       | 12.87 | 59.30       | 14.26 | 63.00       | 15.51 | 66.00       | 16.51 |
|        | 29                               | 32.90                        | 6.92  | 41.60       | 9.63  | 50.90       | 12.53 | 54.80       | 13.77 | 59.30       | 15.27 | 63.00       | 16.59 | 66.00       | 17.69 |
|        | 31                               | 32.90                        | 7.96  | 41.60       | 10.48 | 50.90       | 13.40 | 54.80       | 14.75 | 59.30       | 16.29 | 63.00       | 17.83 | 66.00       | 19.06 |
|        | 33                               | 32.90                        | 8.68  | 41.60       | 11.23 | 50.90       | 14.34 | 54.80       | 15.76 | 59.30       | 17.48 | 63.00       | 19.04 | 66.00       | 20.44 |
|        | 35                               | 32.90                        | 9.33  | 41.60       | 11.95 | 50.90       | 15.28 | 54.80       | 16.85 | 59.30       | 18.76 | 63.00       | 20.39 | 66.00       | 21.73 |
|        | 37                               | 32.90                        | 9.95  | 41.60       | 12.76 | 50.90       | 16.44 | 54.80       | 18.04 | 59.30       | 19.96 | 63.00       | 21.70 | 66.00       | 23.13 |
|        | 39                               | 32.90                        | 10.59 | 41.60       | 13.63 | 50.90       | 17.48 | 54.80       | 19.19 | 59.30       | 21.25 | 63.00       | 23.10 | 66.00       | 24.65 |
|        | 41                               | 32.90                        | 11.28 | 41.60       | 14.53 | 50.90       | 18.60 | 54.80       | 20.42 | 59.30       | 22.62 | 63.00       | 24.63 | 66.00       | 26.12 |
|        | 43                               | 32.90                        | 12.07 | 41.60       | 15.60 | 50.90       | 19.79 | 54.80       | 21.75 | 59.30       | 23.82 | 63.00       | 25.34 | 66.00       | 26.52 |
|        | 46                               | 32.90                        | 13.32 | 41.60       | 17.12 | 50.90       | 21.36 | 54.80       | 23.01 | 59.30       | 24.86 | 63.00       | 26.44 | 66.00       | 27.67 |
|        | 48                               | 32.90                        | 14.27 | 41.60       | 18.05 | 50.90       | 22.34 | 54.80       | 24.06 | 59.30       | 26.00 | 63.00       | 27.65 | 64.10       | 28.16 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 32.90                        | 15.19 | 41.60       | 18.78 | 50.90       | 23.12 | 54.80       | 24.89 | 58.30       | 26.46 | 58.30       | 26.46 | 58.20       | 26.44 |
|        | 52                              | 32.90                        | 16.16 | 41.60       | 18.69 | 50.90       | 22.87 | 52.10       | 23.40 | 52.20       | 23.44 | 52.40       | 23.50 | 52.30       | 23.58 |
| 60     | 10                              | 28.20                        | 2.67  | 35.70       | 3.60  | 43.60       | 4.81  | 47.10       | 5.22  | 50.80       | 5.61  | 54.10       | 5.99  | 56.50       | 6.33  |
|        | 12                              | 28.20                        | 3.34  | 35.70       | 4.08  | 43.60       | 5.07  | 47.10       | 5.46  | 50.80       | 6.03  | 54.10       | 6.54  | 56.50       | 6.92  |
|        | 14                              | 28.20                        | 3.37  | 35.70       | 4.15  | 43.60       | 5.17  | 47.10       | 5.63  | 50.80       | 6.19  | 54.10       | 6.75  | 56.50       | 7.13  |
|        | 16                              | 28.20                        | 3.42  | 35.70       | 4.22  | 43.60       | 5.28  | 47.10       | 5.75  | 50.80       | 6.51  | 54.10       | 7.20  | 56.50       | 7.77  |
|        | 18                              | 28.20                        | 3.48  | 35.70       | 4.28  | 43.60       | 5.61  | 47.10       | 6.30  | 50.80       | 7.13  | 54.10       | 7.89  | 56.50       | 8.51  |
|        | 20                              | 28.20                        | 3.52  | 35.70       | 4.64  | 43.60       | 6.19  | 47.10       | 6.93  | 50.80       | 7.86  | 54.10       | 8.69  | 56.50       | 9.39  |
|        | 21                              | 28.20                        | 3.68  | 35.70       | 4.88  | 43.60       | 6.53  | 47.10       | 7.28  | 50.80       | 8.25  | 54.10       | 9.11  | 56.50       | 9.81  |
|        | 23                              | 28.20                        | 4.00  | 35.70       | 5.43  | 43.60       | 7.25  | 47.10       | 8.10  | 50.80       | 9.14  | 54.10       | 10.08 | 56.50       | 10.90 |
|        | 25                              | 28.20                        | 4.46  | 35.70       | 6.03  | 43.60       | 8.11  | 47.10       | 9.04  | 50.80       | 10.20 | 54.10       | 11.30 | 56.50       | 12.16 |
|        | 27                              | 28.20                        | 5.01  | 35.70       | 6.79  | 43.60       | 9.09  | 47.10       | 10.20 | 50.80       | 11.53 | 54.10       | 12.63 | 56.50       | 13.41 |
|        | 29                              | 28.20                        | 5.69  | 35.70       | 7.72  | 43.60       | 10.28 | 47.10       | 11.31 | 50.80       | 12.44 | 54.10       | 13.52 | 56.50       | 14.35 |
|        | 31                              | 28.20                        | 6.51  | 35.70       | 8.79  | 43.60       | 11.08 | 47.10       | 12.08 | 50.80       | 13.32 | 54.10       | 14.49 | 56.50       | 15.37 |
|        | 33                              | 28.20                        | 7.46  | 35.70       | 9.45  | 43.60       | 11.88 | 47.10       | 12.97 | 50.80       | 14.28 | 54.10       | 15.48 | 56.50       | 16.43 |
|        | 35                              | 28.20                        | 7.99  | 35.70       | 10.09 | 43.60       | 12.68 | 47.10       | 13.84 | 50.80       | 15.22 | 54.10       | 16.50 | 56.50       | 17.64 |
|        | 37                              | 28.20                        | 8.50  | 35.70       | 10.78 | 43.60       | 13.54 | 47.10       | 14.75 | 50.80       | 16.26 | 54.10       | 17.69 | 56.50       | 18.76 |
|        | 39                              | 28.20                        | 9.12  | 35.70       | 11.49 | 43.60       | 14.44 | 47.10       | 15.87 | 50.80       | 17.42 | 54.10       | 18.82 | 56.50       | 19.96 |
|        | 41                              | 28.20                        | 9.73  | 35.70       | 12.28 | 43.60       | 15.48 | 47.10       | 16.88 | 50.80       | 18.53 | 54.10       | 20.02 | 56.50       | 21.24 |
|        | 43                              | 28.20                        | 10.38 | 35.70       | 13.06 | 43.60       | 16.46 | 47.10       | 17.96 | 50.80       | 19.73 | 54.10       | 21.32 | 56.50       | 22.63 |
|        | 46                              | 28.20                        | 11.44 | 35.70       | 14.51 | 43.60       | 18.07 | 47.10       | 19.57 | 50.80       | 21.30 | 54.10       | 22.66 | 56.50       | 23.71 |
|        | 48                              | 28.20                        | 12.18 | 35.70       | 15.44 | 43.60       | 18.98 | 47.10       | 20.56 | 50.80       | 22.28 | 54.10       | 23.70 | 56.50       | 24.80 |
|        | 50                              | 28.20                        | 13.14 | 35.70       | 16.44 | 43.60       | 19.75 | 47.10       | 21.40 | 50.80       | 23.05 | 54.10       | 24.52 | 56.50       | 25.66 |
|        | 52                              | 28.20                        | 13.99 | 35.70       | 17.49 | 43.60       | 19.61 | 47.10       | 21.12 | 50.80       | 22.81 | 52.10       | 23.40 | 52.20       | 23.44 |
| 50     | 10                              | 23.60                        | 2.21  | 29.70       | 2.82  | 36.40       | 3.70  | 39.20       | 4.16  | 42.30       | 4.60  | 45.00       | 5.02  | 47.10       | 5.22  |
|        | 12                              | 23.60                        | 2.89  | 29.70       | 3.47  | 36.40       | 4.17  | 39.20       | 4.48  | 42.30       | 4.88  | 45.00       | 5.23  | 47.10       | 5.52  |
|        | 14                              | 23.60                        | 2.92  | 29.70       | 3.51  | 36.40       | 4.22  | 39.20       | 4.57  | 42.30       | 4.97  | 45.00       | 5.36  | 47.10       | 5.65  |
|        | 16                              | 23.60                        | 2.96  | 29.70       | 3.56  | 36.40       | 4.28  | 39.20       | 4.64  | 42.30       | 5.08  | 45.00       | 5.44  | 47.10       | 5.78  |
|        | 18                              | 23.60                        | 3.02  | 29.70       | 3.62  | 36.40       | 4.39  | 39.20       | 4.78  | 42.30       | 5.35  | 45.00       | 5.87  | 47.10       | 6.31  |
|        | 20                              | 23.60                        | 3.06  | 29.70       | 3.69  | 36.40       | 4.77  | 39.20       | 5.28  | 42.30       | 5.90  | 45.00       | 6.47  | 47.10       | 6.98  |
|        | 21                              | 23.60                        | 3.06  | 29.70       | 3.87  | 36.40       | 5.02  | 39.20       | 5.56  | 42.30       | 6.20  | 45.00       | 6.83  | 47.10       | 7.30  |
|        | 23                              | 23.60                        | 3.32  | 29.70       | 4.27  | 36.40       | 5.55  | 39.20       | 6.16  | 42.30       | 6.88  | 45.00       | 7.57  | 47.10       | 8.14  |
|        | 25                              | 23.60                        | 3.65  | 29.70       | 4.75  | 36.40       | 6.20  | 39.20       | 6.89  | 42.30       | 7.67  | 45.00       | 8.47  | 47.10       | 9.10  |
|        | 27                              | 23.60                        | 4.07  | 29.70       | 5.33  | 36.40       | 6.96  | 39.20       | 7.75  | 42.30       | 8.65  | 45.00       | 9.53  | 47.10       | 10.23 |
|        | 29                              | 23.60                        | 4.61  | 29.70       | 6.04  | 36.40       | 7.93  | 39.20       | 8.81  | 42.30       | 9.86  | 45.00       | 10.72 | 47.10       | 11.33 |
|        | 31                              | 23.60                        | 5.26  | 29.70       | 6.95  | 36.40       | 8.99  | 39.20       | 9.78  | 42.30       | 10.68 | 45.00       | 11.48 | 47.10       | 12.11 |
|        | 33                              | 23.60                        | 6.10  | 29.70       | 7.83  | 36.40       | 9.60  | 39.20       | 10.51 | 42.30       | 11.37 | 45.00       | 12.27 | 47.10       | 13.00 |
|        | 35                              | 23.60                        | 6.80  | 29.70       | 8.37  | 36.40       | 10.32 | 39.20       | 11.19 | 42.30       | 12.21 | 45.00       | 13.15 | 47.10       | 13.87 |
|        | 37                              | 23.60                        | 7.23  | 29.70       | 8.91  | 36.40       | 10.99 | 39.20       | 11.91 | 42.30       | 13.03 | 45.00       | 14.03 | 47.10       | 14.79 |
|        | 39                              | 23.60                        | 7.72  | 29.70       | 9.54  | 36.40       | 11.75 | 39.20       | 12.72 | 42.30       | 13.91 | 45.00       | 14.97 | 47.10       | 15.90 |
|        | 41                              | 23.60                        | 8.25  | 29.70       | 10.17 | 36.40       | 12.50 | 39.20       | 13.59 | 42.30       | 14.83 | 45.00       | 16.04 | 47.10       | 16.91 |
|        | 43                              | 23.60                        | 8.82  | 29.70       | 10.84 | 36.40       | 13.35 | 39.20       | 14.61 | 42.30       | 15.90 | 45.00       | 17.06 | 47.10       | 18.00 |
|        | 46                              | 23.60                        | 9.71  | 29.70       | 12.00 | 36.40       | 14.81 | 39.20       | 16.02 | 42.30       | 17.45 | 45.00       | 18.72 | 47.10       | 19.61 |
|        | 48                              | 23.60                        | 10.37 | 29.70       | 12.77 | 36.40       | 15.76 | 39.20       | 16.94 | 42.30       | 18.38 | 45.00       | 19.62 | 47.10       | 20.61 |
|        | 50                              | 23.60                        | 11.25 | 29.70       | 13.76 | 36.40       | 16.77 | 39.20       | 18.14 | 42.30       | 19.12 | 45.00       | 20.41 | 47.10       | 21.45 |
|        | 52                              | 23.60                        | 11.99 | 29.70       | 14.65 | 36.40       | 17.85 | 39.20       | 18.92 | 42.30       | 19.01 | 45.00       | 20.22 | 47.10       | 21.16 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM300LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 65.60                        | 6.66  | 82.80       | 9.22  | 101.3       | 13.42 | 109.2       | 15.45 | 118.0       | 18.03 | 125.4       | 20.48 | 131.3       | 22.57 |
|        | 12                         | 65.60                        | 7.27  | 82.80       | 10.15 | 101.3       | 14.56 | 109.2       | 16.76 | 118.0       | 19.58 | 125.4       | 22.10 | 131.3       | 23.87 |
|        | 14                         | 65.60                        | 7.70  | 82.80       | 11.01 | 101.3       | 15.90 | 109.2       | 18.32 | 118.0       | 21.14 | 125.4       | 23.49 | 131.3       | 25.44 |
|        | 16                         | 65.60                        | 8.11  | 82.80       | 12.05 | 101.3       | 17.32 | 109.2       | 19.91 | 118.0       | 22.74 | 125.4       | 25.15 | 131.3       | 27.12 |
|        | 18                         | 65.60                        | 8.94  | 82.80       | 13.19 | 101.3       | 18.89 | 109.2       | 21.57 | 118.0       | 24.53 | 125.4       | 27.05 | 131.0       | 28.83 |
|        | 20                         | 65.60                        | 9.83  | 82.80       | 14.44 | 101.3       | 20.50 | 109.2       | 23.35 | 118.0       | 26.37 | 125.4       | 28.63 | 130.6       | 30.16 |
|        | 21                         | 65.60                        | 10.36 | 82.80       | 15.25 | 101.3       | 21.37 | 109.2       | 24.29 | 118.0       | 27.05 | 125.4       | 29.33 | 130.4       | 30.83 |
|        | 23                         | 65.60                        | 11.46 | 82.80       | 16.65 | 101.3       | 23.13 | 109.2       | 25.80 | 118.0       | 28.60 | 125.4       | 30.82 | 129.9       | 32.40 |
|        | 25                         | 65.60                        | 12.76 | 82.80       | 18.20 | 101.3       | 24.79 | 109.2       | 27.31 | 118.0       | 30.19 | 125.0       | 32.63 | 129.3       | 33.80 |
|        | 27                         | 65.60                        | 13.97 | 82.80       | 19.57 | 101.3       | 26.21 | 109.2       | 28.91 | 118.0       | 32.00 | 124.5       | 34.13 | 128.8       | 35.36 |
|        | 29                         | 65.60                        | 15.18 | 82.80       | 20.91 | 101.3       | 27.95 | 109.2       | 30.90 | 118.0       | 33.99 | 123.9       | 35.79 | 128.1       | 37.09 |
|        | 31                         | 65.60                        | 16.20 | 82.80       | 22.47 | 101.3       | 29.64 | 109.2       | 32.77 | 118.0       | 35.87 | 123.2       | 37.62 | 127.5       | 39.00 |
|        | 33                         | 65.60                        | 17.34 | 82.80       | 23.94 | 101.3       | 31.47 | 109.2       | 34.85 | 117.3       | 37.75 | 122.5       | 39.63 | 124.4       | 40.21 |
|        | 35                         | 65.60                        | 18.48 | 82.80       | 25.54 | 101.3       | 33.50 | 109.2       | 37.05 | 116.6       | 39.81 | 117.7       | 40.14 | 118.3       | 40.27 |
|        | 37                         | 65.60                        | 19.70 | 82.80       | 27.27 | 101.3       | 35.73 | 108.6       | 39.15 | 109.0       | 39.34 | 109.0       | 39.32 | 108.9       | 39.33 |
|        | 39                         | 65.60                        | 21.00 | 82.80       | 28.56 | 100.9       | 37.14 | 101.0       | 37.16 | 101.0       | 37.22 | 101.0       | 37.19 | 101.0       | 37.18 |
|        | 41                         | 65.60                        | 22.39 | 82.80       | 29.78 | 93.20       | 34.44 | 93.30       | 34.46 | 93.30       | 34.45 | 93.20       | 34.41 | 93.30       | 34.43 |
|        | 43                         | 65.60                        | 23.63 | 82.80       | 31.30 | 85.80       | 32.31 | 85.80       | 32.29 | 85.80       | 32.29 | 85.80       | 32.25 | 85.70       | 32.26 |
|        | 46                         | 65.60                        | 25.65 | 75.20       | 29.68 | 75.20       | 29.67 | 75.10       | 29.63 | 75.20       | 29.65 | 75.10       | 29.63 | 75.00       | 29.61 |
|        | 48                         | 65.60                        | 27.23 | 68.50       | 28.41 | 68.50       | 28.40 | 68.50       | 28.41 | 68.60       | 28.46 | 68.40       | 28.37 | 68.50       | 28.38 |
|        | 50                         | 62.30                        | 26.96 | 62.10       | 26.94 | 62.10       | 26.89 | 62.10       | 26.89 | 62.00       | 26.89 | 62.10       | 26.88 | 62.10       | 26.89 |
|        | 52                         | 55.70                        | 24.22 | 56.00       | 24.07 | 56.00       | 23.44 | 56.10       | 23.33 | 56.00       | 23.17 | 56.10       | 23.07 | 56.20       | 22.98 |
| 120    | 10                         | 60.50                        | 6.11  | 76.50       | 8.14  | 93.50       | 11.43 | 100.8       | 13.25 | 108.8       | 15.30 | 115.8       | 17.26 | 121.2       | 19.06 |
|        | 12                         | 60.50                        | 6.64  | 76.50       | 8.94  | 93.50       | 12.60 | 100.8       | 14.41 | 108.8       | 16.65 | 115.8       | 18.89 | 121.2       | 20.64 |
|        | 14                         | 60.50                        | 6.90  | 76.50       | 9.67  | 93.50       | 13.77 | 100.8       | 15.75 | 108.8       | 18.21 | 115.8       | 20.54 | 121.2       | 22.16 |
|        | 16                         | 60.50                        | 7.28  | 76.50       | 10.50 | 93.50       | 14.94 | 100.8       | 17.14 | 108.8       | 19.79 | 115.8       | 22.02 | 121.2       | 23.80 |
|        | 18                         | 60.50                        | 7.85  | 76.50       | 11.50 | 93.50       | 16.34 | 100.8       | 18.70 | 108.8       | 21.46 | 115.8       | 23.78 | 121.2       | 25.62 |
|        | 20                         | 60.50                        | 8.68  | 76.50       | 12.65 | 93.50       | 17.92 | 100.8       | 20.32 | 108.8       | 23.15 | 115.8       | 25.65 | 121.2       | 27.37 |
|        | 21                         | 60.50                        | 9.11  | 76.50       | 13.25 | 93.50       | 18.63 | 100.8       | 21.18 | 108.8       | 24.16 | 115.8       | 26.46 | 121.2       | 28.07 |
|        | 23                         | 60.50                        | 10.10 | 76.50       | 14.69 | 93.50       | 20.27 | 100.8       | 22.93 | 108.8       | 25.69 | 115.8       | 27.93 | 121.2       | 29.55 |
|        | 25                         | 60.50                        | 11.27 | 76.50       | 16.03 | 93.50       | 21.99 | 100.8       | 24.73 | 108.8       | 27.19 | 115.8       | 29.49 | 121.2       | 31.25 |
|        | 27                         | 60.50                        | 12.51 | 76.50       | 17.45 | 93.50       | 23.52 | 100.8       | 26.02 | 108.8       | 28.79 | 115.8       | 31.18 | 121.2       | 33.19 |
|        | 29                         | 60.50                        | 13.71 | 76.50       | 18.65 | 93.50       | 25.12 | 100.8       | 27.73 | 108.8       | 30.78 | 115.8       | 33.36 | 120.9       | 34.86 |
|        | 31                         | 60.50                        | 14.69 | 76.50       | 20.02 | 93.50       | 26.65 | 100.8       | 29.41 | 108.8       | 32.66 | 115.8       | 35.19 | 120.2       | 36.62 |
|        | 33                         | 60.50                        | 15.65 | 76.50       | 21.33 | 93.50       | 28.28 | 100.8       | 31.23 | 108.8       | 34.72 | 115.7       | 37.21 | 119.6       | 38.56 |
|        | 35                         | 60.50                        | 16.68 | 76.50       | 22.75 | 93.50       | 30.06 | 100.8       | 33.22 | 108.8       | 36.94 | 115.0       | 39.23 | 117.3       | 40.06 |
|        | 37                         | 60.50                        | 17.78 | 76.50       | 24.26 | 93.50       | 31.98 | 100.8       | 35.43 | 108.4       | 39.07 | 109.0       | 39.34 | 109.0       | 39.31 |
|        | 39                         | 60.50                        | 18.96 | 76.50       | 25.89 | 93.50       | 33.40 | 100.7       | 36.92 | 101.1       | 37.22 | 101.0       | 37.19 | 101.0       | 37.21 |
|        | 41                         | 60.50                        | 20.20 | 76.50       | 26.98 | 93.40       | 34.48 | 93.30       | 34.46 | 93.20       | 34.43 | 93.30       | 34.44 | 93.30       | 34.43 |
|        | 43                         | 60.50                        | 21.55 | 76.50       | 28.32 | 85.90       | 32.34 | 85.90       | 32.31 | 85.80       | 32.29 | 85.80       | 32.27 | 85.80       | 32.29 |
|        | 46                         | 60.50                        | 23.42 | 75.20       | 29.68 | 75.20       | 29.67 | 75.20       | 29.67 | 75.10       | 29.63 | 75.00       | 29.62 | 75.10       | 29.62 |
|        | 48                         | 60.50                        | 24.87 | 68.50       | 28.42 | 68.50       | 28.41 | 68.50       | 28.42 | 68.40       | 28.39 | 68.40       | 28.37 | 68.40       | 28.37 |
|        | 50                         | 60.50                        | 26.37 | 62.20       | 26.94 | 62.10       | 26.89 | 62.10       | 26.89 | 62.10       | 26.90 | 61.90       | 26.81 | 62.10       | 26.88 |
|        | 52                         | 55.60                        | 24.17 | 55.90       | 24.34 | 56.10       | 23.71 | 56.00       | 23.58 | 56.20       | 23.46 | 56.20       | 23.36 | 56.10       | 23.29 |
| 110    | 10                         | 55.50                        | 5.65  | 70.10       | 7.23  | 85.80       | 9.77  | 92.30       | 11.16 | 99.80       | 12.99 | 106.1       | 14.63 | 111.0       | 15.98 |
|        | 12                         | 55.50                        | 6.08  | 70.10       | 7.91  | 85.80       | 10.77 | 92.30       | 12.29 | 99.80       | 14.11 | 106.1       | 15.88 | 111.0       | 17.33 |
|        | 14                         | 55.50                        | 6.26  | 70.10       | 8.49  | 85.80       | 11.74 | 92.30       | 13.43 | 99.80       | 15.46 | 106.1       | 17.34 | 111.0       | 19.02 |
|        | 16                         | 55.50                        | 6.47  | 70.10       | 9.08  | 85.80       | 12.81 | 92.30       | 14.62 | 99.80       | 16.79 | 106.1       | 18.89 | 111.0       | 20.55 |
|        | 18                         | 55.50                        | 6.92  | 70.10       | 9.95  | 85.80       | 14.03 | 92.30       | 16.00 | 99.80       | 18.36 | 106.1       | 20.53 | 111.0       | 22.26 |
|        | 20                         | 55.50                        | 7.58  | 70.10       | 10.97 | 85.80       | 15.43 | 92.30       | 17.58 | 99.80       | 19.92 | 106.1       | 22.16 | 111.0       | 24.10 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 55.50                        | 7.98  | 70.10       | 11.49 | 85.80       | 16.20 | 92.30       | 18.26 | 99.80       | 20.79 | 106.1       | 23.07 | 111.0       | 24.95 |
|        | 23                              | 55.50                        | 8.84  | 70.10       | 12.74 | 85.80       | 17.61 | 92.30       | 19.88 | 99.80       | 22.60 | 106.1       | 24.86 | 111.0       | 26.44 |
|        | 25                              | 55.50                        | 9.90  | 70.10       | 14.04 | 85.80       | 19.24 | 92.30       | 21.54 | 99.80       | 24.21 | 106.1       | 26.32 | 111.0       | 27.96 |
|        | 27                              | 55.50                        | 11.02 | 70.10       | 15.50 | 85.80       | 20.59 | 92.30       | 23.03 | 99.80       | 25.84 | 106.1       | 27.89 | 111.0       | 29.59 |
|        | 29                              | 55.50                        | 12.15 | 70.10       | 16.54 | 85.80       | 21.99 | 92.30       | 24.70 | 99.80       | 27.38 | 106.1       | 29.74 | 111.0       | 31.44 |
|        | 31                              | 55.50                        | 13.16 | 70.10       | 17.68 | 85.80       | 23.67 | 92.30       | 26.19 | 99.80       | 29.02 | 106.1       | 31.54 | 111.0       | 33.56 |
|        | 33                              | 55.50                        | 14.08 | 70.10       | 18.92 | 85.80       | 25.23 | 92.30       | 27.81 | 99.80       | 30.83 | 106.1       | 33.51 | 111.0       | 35.63 |
|        | 35                              | 55.50                        | 15.00 | 70.10       | 20.17 | 85.80       | 26.83 | 92.30       | 29.55 | 99.80       | 32.78 | 106.1       | 35.71 | 111.0       | 37.77 |
|        | 37                              | 55.50                        | 15.98 | 70.10       | 21.50 | 85.80       | 28.51 | 92.30       | 31.44 | 99.80       | 34.95 | 106.1       | 38.12 | 109.1       | 39.35 |
|        | 39                              | 55.50                        | 17.04 | 70.10       | 22.92 | 85.80       | 29.83 | 92.30       | 32.83 | 99.80       | 36.47 | 101.1       | 37.21 | 101.0       | 37.16 |
|        | 41                              | 55.50                        | 18.16 | 70.10       | 24.32 | 85.80       | 31.13 | 92.30       | 34.11 | 93.40       | 34.45 | 93.20       | 34.43 | 93.20       | 34.44 |
|        | 43                              | 55.50                        | 19.37 | 70.10       | 25.52 | 85.80       | 32.28 | 85.90       | 32.34 | 85.90       | 32.31 | 85.70       | 32.27 | 85.80       | 32.28 |
|        | 46                              | 55.50                        | 21.33 | 70.10       | 27.70 | 75.20       | 29.69 | 75.20       | 29.67 | 75.10       | 29.65 | 75.10       | 29.64 | 75.10       | 29.64 |
|        | 48                              | 55.50                        | 22.59 | 68.60       | 28.46 | 68.50       | 28.44 | 68.40       | 28.39 | 68.50       | 28.40 | 68.50       | 28.40 | 68.50       | 28.39 |
|        | 50                              | 55.50                        | 23.95 | 62.30       | 26.95 | 62.20       | 26.94 | 62.10       | 26.90 | 62.10       | 26.92 | 62.00       | 26.88 | 62.10       | 26.89 |
|        | 52                              | 55.50                        | 24.56 | 55.80       | 24.24 | 56.10       | 24.03 | 56.10       | 23.91 | 56.20       | 23.79 | 56.20       | 23.64 | 56.10       | 23.47 |
| 100    | 10                              | 50.50                        | 5.24  | 63.70       | 6.45  | 78.00       | 8.38  | 84.00       | 9.43  | 90.70       | 10.80 | 96.50       | 12.14 | 101.0       | 13.25 |
|        | 12                              | 50.50                        | 5.53  | 63.70       | 7.02  | 78.00       | 9.22  | 84.00       | 10.38 | 90.70       | 11.90 | 96.50       | 13.36 | 101.0       | 14.45 |
|        | 14                              | 50.50                        | 5.66  | 63.70       | 7.39  | 78.00       | 9.95  | 84.00       | 11.36 | 90.70       | 13.10 | 96.50       | 14.54 | 101.0       | 15.78 |
|        | 16                              | 50.50                        | 5.75  | 63.70       | 7.80  | 78.00       | 10.83 | 84.00       | 12.37 | 90.70       | 14.15 | 96.50       | 15.91 | 101.0       | 17.31 |
|        | 18                              | 50.50                        | 6.05  | 63.70       | 8.54  | 78.00       | 11.86 | 84.00       | 13.51 | 90.70       | 15.49 | 96.50       | 17.28 | 101.0       | 18.77 |
|        | 20                              | 50.50                        | 6.62  | 63.70       | 9.39  | 78.00       | 13.09 | 84.00       | 14.88 | 90.70       | 16.99 | 96.50       | 18.85 | 101.0       | 20.33 |
|        | 21                              | 50.50                        | 6.92  | 63.70       | 9.84  | 78.00       | 13.72 | 84.00       | 15.62 | 90.70       | 17.77 | 96.50       | 19.68 | 101.0       | 21.19 |
|        | 23                              | 50.50                        | 7.68  | 63.70       | 10.89 | 78.00       | 15.13 | 84.00       | 17.09 | 90.70       | 19.33 | 96.50       | 21.37 | 101.0       | 23.00 |
|        | 25                              | 50.50                        | 8.56  | 63.70       | 12.21 | 78.00       | 16.53 | 84.00       | 18.54 | 90.70       | 20.97 | 96.50       | 23.06 | 101.0       | 24.64 |
|        | 27                              | 50.50                        | 9.59  | 63.70       | 13.43 | 78.00       | 17.92 | 84.00       | 19.98 | 90.70       | 22.43 | 96.50       | 24.68 | 101.0       | 26.25 |
|        | 29                              | 50.50                        | 10.72 | 63.70       | 14.58 | 78.00       | 19.14 | 84.00       | 21.33 | 90.70       | 24.00 | 96.50       | 26.16 | 101.0       | 27.80 |
|        | 31                              | 50.50                        | 11.78 | 63.70       | 15.66 | 78.00       | 20.59 | 84.00       | 22.93 | 90.70       | 25.58 | 96.50       | 27.74 | 101.0       | 29.49 |
|        | 33                              | 50.50                        | 12.61 | 63.70       | 16.69 | 78.00       | 21.93 | 84.00       | 24.43 | 90.70       | 27.15 | 96.50       | 29.45 | 101.0       | 31.32 |
|        | 35                              | 50.50                        | 13.43 | 63.70       | 17.79 | 78.00       | 23.38 | 84.00       | 26.04 | 90.70       | 28.86 | 96.50       | 31.31 | 101.0       | 33.32 |
|        | 37                              | 50.50                        | 14.31 | 63.70       | 18.96 | 78.00       | 24.94 | 84.00       | 27.74 | 90.70       | 30.69 | 96.50       | 33.34 | 101.0       | 35.53 |
|        | 39                              | 50.50                        | 15.25 | 63.70       | 20.22 | 78.00       | 26.51 | 84.00       | 29.05 | 90.70       | 32.07 | 96.50       | 34.81 | 100.8       | 36.99 |
|        | 41                              | 50.50                        | 16.26 | 63.70       | 21.55 | 78.00       | 27.63 | 84.00       | 30.30 | 90.70       | 33.51 | 93.30       | 34.45 | 93.30       | 34.47 |
|        | 43                              | 50.50                        | 17.33 | 63.70       | 22.86 | 78.00       | 29.01 | 84.00       | 31.60 | 85.80       | 32.31 | 85.90       | 32.30 | 85.90       | 32.30 |
|        | 46                              | 50.50                        | 19.09 | 63.70       | 24.80 | 75.20       | 29.70 | 75.20       | 29.68 | 75.20       | 29.65 | 75.20       | 29.65 | 75.20       | 29.66 |
|        | 48                              | 50.50                        | 20.35 | 63.70       | 26.33 | 68.50       | 28.43 | 68.50       | 28.41 | 68.50       | 28.41 | 68.50       | 28.40 | 68.50       | 28.41 |
|        | 50                              | 50.50                        | 21.72 | 62.30       | 26.96 | 62.10       | 26.94 | 62.10       | 26.93 | 62.10       | 26.90 | 62.10       | 26.90 | 62.10       | 26.89 |
|        | 52                              | 50.50                        | 22.60 | 55.70       | 24.21 | 55.90       | 24.34 | 56.00       | 24.15 | 56.20       | 23.98 | 56.20       | 23.80 | 56.20       | 23.64 |
| 90     | 10                              | 45.50                        | 4.85  | 57.30       | 5.81  | 70.20       | 7.23  | 75.50       | 8.01  | 81.70       | 9.01  | 86.80       | 9.98  | 90.80       | 10.83 |
|        | 12                              | 45.50                        | 5.03  | 57.30       | 6.28  | 70.20       | 7.92  | 75.50       | 8.79  | 81.70       | 9.91  | 86.80       | 11.00 | 90.80       | 11.94 |
|        | 14                              | 45.50                        | 5.09  | 57.30       | 6.51  | 70.20       | 8.48  | 75.50       | 9.49  | 81.70       | 10.74 | 86.80       | 12.01 | 90.80       | 13.07 |
|        | 16                              | 45.50                        | 5.21  | 57.30       | 6.77  | 70.20       | 9.09  | 75.50       | 10.28 | 81.70       | 11.74 | 86.80       | 13.13 | 90.80       | 14.22 |
|        | 18                              | 45.50                        | 5.37  | 57.30       | 7.27  | 70.20       | 9.97  | 75.50       | 11.26 | 81.70       | 12.88 | 86.80       | 14.32 | 90.80       | 15.54 |
|        | 20                              | 45.50                        | 5.74  | 57.30       | 7.97  | 70.20       | 10.97 | 75.50       | 12.43 | 81.70       | 14.14 | 86.80       | 15.74 | 90.80       | 17.06 |
|        | 21                              | 45.50                        | 6.04  | 57.30       | 8.36  | 70.20       | 11.51 | 75.50       | 13.04 | 81.70       | 14.80 | 86.80       | 16.50 | 90.80       | 17.76 |
|        | 23                              | 45.50                        | 6.67  | 57.30       | 9.29  | 70.20       | 12.75 | 75.50       | 14.51 | 81.70       | 16.29 | 86.80       | 17.99 | 90.80       | 19.33 |
|        | 25                              | 45.50                        | 7.40  | 57.30       | 10.37 | 70.20       | 14.08 | 75.50       | 15.80 | 81.70       | 17.81 | 86.80       | 19.62 | 90.80       | 21.06 |
|        | 27                              | 45.50                        | 8.31  | 57.30       | 11.57 | 70.20       | 15.52 | 75.50       | 17.19 | 81.70       | 19.16 | 86.80       | 20.96 | 90.80       | 22.47 |
|        | 29                              | 45.50                        | 9.41  | 57.30       | 12.80 | 70.20       | 16.60 | 75.50       | 18.37 | 81.70       | 20.48 | 86.80       | 22.43 | 90.80       | 24.04 |
|        | 31                              | 45.50                        | 10.38 | 57.30       | 13.68 | 70.20       | 17.79 | 75.50       | 19.69 | 81.70       | 22.00 | 86.80       | 23.99 | 90.80       | 25.64 |
|        | 33                              | 45.50                        | 11.24 | 57.30       | 14.64 | 70.20       | 18.96 | 75.50       | 20.99 | 81.70       | 23.45 | 86.80       | 25.65 | 90.80       | 27.22 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 45.50                        | 11.96 | 57.30       | 15.60 | 70.20       | 20.20 | 75.50       | 22.37 | 81.70       | 25.00 | 86.80       | 27.25 | 90.80       | 28.92 |
|        | 37                               | 45.50                        | 12.74 | 57.30       | 16.63 | 70.20       | 21.53 | 75.50       | 23.85 | 81.70       | 26.69 | 86.80       | 28.97 | 90.80       | 30.75 |
|        | 39                               | 45.50                        | 13.58 | 57.30       | 17.72 | 70.20       | 22.96 | 75.50       | 25.46 | 81.70       | 28.05 | 86.80       | 30.30 | 90.80       | 32.14 |
|        | 41                               | 45.50                        | 14.47 | 57.30       | 18.89 | 70.20       | 24.35 | 75.50       | 26.59 | 81.70       | 29.25 | 86.80       | 31.63 | 90.80       | 33.58 |
|        | 43                               | 45.50                        | 15.44 | 57.30       | 20.14 | 70.20       | 25.55 | 75.50       | 27.91 | 81.70       | 30.73 | 85.90       | 32.31 | 85.80       | 32.30 |
|        | 46                               | 45.50                        | 17.00 | 57.30       | 22.05 | 70.20       | 27.75 | 75.10       | 29.66 | 75.20       | 29.68 | 75.20       | 29.67 | 75.20       | 29.67 |
|        | 48                               | 45.50                        | 18.13 | 57.30       | 23.41 | 68.60       | 28.46 | 68.50       | 28.43 | 68.50       | 28.41 | 68.50       | 28.41 | 68.50       | 28.40 |
|        | 50                               | 45.50                        | 19.34 | 57.30       | 24.82 | 62.30       | 26.95 | 62.20       | 26.95 | 62.10       | 26.92 | 62.10       | 26.91 | 62.10       | 26.90 |
|        | 52                               | 45.50                        | 20.28 | 55.70       | 24.16 | 55.80       | 24.27 | 55.90       | 24.37 | 56.10       | 24.15 | 56.20       | 23.97 | 56.20       | 23.82 |
| 80     | 10                               | 40.30                        | 4.25  | 51.00       | 5.28  | 62.30       | 6.31  | 67.20       | 6.86  | 72.50       | 7.56  | 77.20       | 8.26  | 80.80       | 8.86  |
|        | 12                               | 40.30                        | 4.53  | 51.00       | 5.59  | 62.30       | 6.86  | 67.20       | 7.48  | 72.50       | 8.29  | 77.20       | 9.08  | 80.80       | 9.75  |
|        | 14                               | 40.30                        | 4.61  | 51.00       | 5.69  | 62.30       | 7.22  | 67.20       | 8.00  | 72.50       | 8.91  | 77.20       | 9.81  | 80.80       | 10.56 |
|        | 16                               | 40.30                        | 4.67  | 51.00       | 5.84  | 62.30       | 7.59  | 67.20       | 8.46  | 72.50       | 9.60  | 77.20       | 10.65 | 80.80       | 11.52 |
|        | 18                               | 40.30                        | 4.76  | 51.00       | 6.13  | 62.30       | 8.22  | 67.20       | 9.28  | 72.50       | 10.51 | 77.20       | 11.68 | 80.80       | 12.60 |
|        | 20                               | 40.30                        | 5.00  | 51.00       | 6.76  | 62.30       | 9.05  | 67.20       | 10.23 | 72.50       | 11.56 | 77.20       | 12.83 | 80.80       | 13.89 |
|        | 21                               | 40.30                        | 5.19  | 51.00       | 7.02  | 62.30       | 9.56  | 67.20       | 10.75 | 72.50       | 12.17 | 77.20       | 13.48 | 80.80       | 14.60 |
|        | 23                               | 40.30                        | 5.72  | 51.00       | 7.82  | 62.30       | 10.57 | 67.20       | 11.92 | 72.50       | 13.47 | 77.20       | 14.92 | 80.80       | 16.03 |
|        | 25                               | 40.30                        | 6.34  | 51.00       | 8.68  | 62.30       | 11.79 | 67.20       | 13.21 | 72.50       | 14.83 | 77.20       | 16.34 | 80.80       | 17.46 |
|        | 27                               | 40.30                        | 7.10  | 51.00       | 9.73  | 62.30       | 13.01 | 67.20       | 14.47 | 72.50       | 16.22 | 77.20       | 17.67 | 80.80       | 18.86 |
|        | 29                               | 40.30                        | 8.00  | 51.00       | 10.90 | 62.30       | 14.21 | 67.20       | 15.65 | 72.50       | 17.34 | 77.20       | 18.89 | 80.80       | 20.15 |
|        | 31                               | 40.30                        | 9.03  | 51.00       | 11.91 | 62.30       | 15.18 | 67.20       | 16.70 | 72.50       | 18.54 | 77.20       | 20.29 | 80.80       | 21.66 |
|        | 33                               | 40.30                        | 9.97  | 51.00       | 12.75 | 62.30       | 16.25 | 67.20       | 17.88 | 72.50       | 19.84 | 77.20       | 21.61 | 80.80       | 23.08 |
|        | 35                               | 40.30                        | 10.60 | 51.00       | 13.58 | 62.30       | 17.31 | 67.20       | 19.05 | 72.50       | 21.14 | 77.20       | 23.05 | 80.80       | 24.61 |
|        | 37                               | 40.30                        | 11.28 | 51.00       | 14.47 | 62.30       | 18.46 | 67.20       | 20.31 | 72.50       | 22.55 | 77.20       | 24.58 | 80.80       | 26.27 |
|        | 39                               | 40.30                        | 12.02 | 51.00       | 15.42 | 62.30       | 19.67 | 67.20       | 21.65 | 72.50       | 24.05 | 77.20       | 26.24 | 80.80       | 27.68 |
|        | 41                               | 40.30                        | 12.81 | 51.00       | 16.45 | 62.30       | 20.97 | 67.20       | 23.10 | 72.50       | 25.34 | 77.20       | 27.29 | 80.80       | 28.86 |
|        | 43                               | 40.30                        | 13.65 | 51.00       | 17.53 | 62.30       | 22.37 | 67.20       | 24.28 | 72.50       | 26.59 | 77.20       | 28.65 | 80.80       | 30.32 |
|        | 46                               | 40.30                        | 15.05 | 51.00       | 19.30 | 62.30       | 24.21 | 67.20       | 26.36 | 72.50       | 28.63 | 75.20       | 29.67 | 75.20       | 29.67 |
|        | 48                               | 40.30                        | 16.06 | 51.00       | 20.59 | 62.30       | 25.70 | 67.20       | 27.99 | 68.50       | 28.42 | 68.50       | 28.44 | 68.50       | 28.41 |
|        | 50                               | 40.30                        | 17.14 | 51.00       | 21.96 | 61.90       | 26.82 | 62.30       | 26.95 | 62.10       | 26.93 | 62.20       | 26.93 | 62.20       | 26.92 |
|        | 52                               | 40.30                        | 18.28 | 51.00       | 22.84 | 55.70       | 24.20 | 55.80       | 24.24 | 55.90       | 24.40 | 56.00       | 24.20 | 56.10       | 24.06 |
| 70     | 10                               | 35.30                        | 3.45  | 44.60       | 4.80  | 54.50       | 5.57  | 58.80       | 5.95  | 63.50       | 6.43  | 67.50       | 6.90  | 70.70       | 7.30  |
|        | 12                               | 35.30                        | 4.11  | 44.60       | 4.97  | 54.50       | 5.99  | 58.80       | 6.44  | 63.50       | 7.00  | 67.50       | 7.54  | 70.70       | 8.00  |
|        | 14                               | 35.30                        | 4.13  | 44.60       | 5.03  | 54.50       | 6.14  | 58.80       | 6.68  | 63.50       | 7.39  | 67.50       | 8.06  | 70.70       | 8.63  |
|        | 16                               | 35.30                        | 4.18  | 44.60       | 5.10  | 54.50       | 6.37  | 58.80       | 7.01  | 63.50       | 7.78  | 67.50       | 8.48  | 70.70       | 9.19  |
|        | 18                               | 35.30                        | 4.22  | 44.60       | 5.30  | 54.50       | 6.74  | 58.80       | 7.51  | 63.50       | 8.45  | 67.50       | 9.34  | 70.70       | 10.07 |
|        | 20                               | 35.30                        | 4.37  | 44.60       | 5.64  | 54.50       | 7.43  | 58.80       | 8.28  | 63.50       | 9.33  | 67.50       | 10.27 | 70.70       | 11.09 |
|        | 21                               | 35.30                        | 4.49  | 44.60       | 5.88  | 54.50       | 7.76  | 58.80       | 8.70  | 63.50       | 9.81  | 67.50       | 10.81 | 70.70       | 11.67 |
|        | 23                               | 35.30                        | 4.90  | 44.60       | 6.53  | 54.50       | 8.62  | 58.80       | 9.68  | 63.50       | 10.88 | 67.50       | 11.99 | 70.70       | 12.92 |
|        | 25                               | 35.30                        | 5.42  | 44.60       | 7.25  | 54.50       | 9.64  | 58.80       | 10.76 | 63.50       | 12.10 | 67.50       | 13.35 | 70.70       | 14.22 |
|        | 27                               | 35.30                        | 6.02  | 44.60       | 8.10  | 54.50       | 10.80 | 58.80       | 12.01 | 63.50       | 13.32 | 67.50       | 14.61 | 70.70       | 15.64 |
|        | 29                               | 35.30                        | 6.77  | 44.60       | 9.17  | 54.50       | 11.96 | 58.80       | 13.22 | 63.50       | 14.55 | 67.50       | 15.73 | 70.70       | 16.73 |
|        | 31                               | 35.30                        | 7.71  | 44.60       | 10.21 | 54.50       | 12.96 | 58.80       | 14.16 | 63.50       | 15.53 | 67.50       | 16.89 | 70.70       | 17.96 |
|        | 33                               | 35.30                        | 8.67  | 44.60       | 11.03 | 54.50       | 13.80 | 58.80       | 15.08 | 63.50       | 16.62 | 67.50       | 18.01 | 70.70       | 19.14 |
|        | 35                               | 35.30                        | 9.34  | 44.60       | 11.73 | 54.50       | 14.70 | 58.80       | 16.07 | 63.50       | 17.71 | 67.50       | 19.18 | 70.70       | 20.39 |
|        | 37                               | 35.30                        | 9.93  | 44.60       | 12.50 | 54.50       | 15.67 | 58.80       | 17.13 | 63.50       | 18.88 | 67.50       | 20.45 | 70.70       | 21.75 |
|        | 39                               | 35.30                        | 10.56 | 44.60       | 13.32 | 54.50       | 16.70 | 58.80       | 18.26 | 63.50       | 20.13 | 67.50       | 21.80 | 70.70       | 23.19 |
|        | 41                               | 35.30                        | 11.25 | 44.60       | 14.19 | 54.50       | 17.80 | 58.80       | 19.47 | 63.50       | 21.46 | 67.50       | 23.27 | 70.70       | 24.56 |
|        | 43                               | 35.30                        | 12.01 | 44.60       | 15.13 | 54.50       | 18.98 | 58.80       | 20.76 | 63.50       | 22.77 | 67.50       | 24.43 | 70.70       | 25.77 |
|        | 46                               | 35.30                        | 13.23 | 44.60       | 16.67 | 54.50       | 20.90 | 58.80       | 22.66 | 63.50       | 24.71 | 67.50       | 26.52 | 70.70       | 27.98 |
|        | 48                               | 35.30                        | 14.12 | 44.60       | 17.78 | 54.50       | 22.19 | 58.80       | 24.05 | 63.50       | 26.23 | 67.50       | 28.17 | 68.50       | 28.45 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 35.30                        | 15.09 | 44.60       | 18.97 | 54.50       | 23.52 | 58.80       | 25.50 | 62.30       | 26.95 | 62.30       | 26.96 | 62.10       | 26.94 |
|        | 52                              | 35.30                        | 16.10 | 44.60       | 19.92 | 54.50       | 24.55 | 55.70       | 24.19 | 55.80       | 24.22 | 55.90       | 24.26 | 55.90       | 24.36 |
| 60     | 10                              | 30.30                        | 2.77  | 38.20       | 3.91  | 46.80       | 4.99  | 50.40       | 5.24  | 54.50       | 5.55  | 57.90       | 5.86  | 60.50       | 6.13  |
|        | 12                              | 30.30                        | 3.68  | 38.20       | 4.34  | 46.80       | 5.16  | 50.40       | 5.52  | 54.50       | 5.98  | 57.90       | 6.34  | 60.50       | 6.64  |
|        | 14                              | 30.30                        | 3.72  | 38.20       | 4.41  | 46.80       | 5.28  | 50.40       | 5.67  | 54.50       | 6.14  | 57.90       | 6.59  | 60.50       | 6.91  |
|        | 16                              | 30.30                        | 3.74  | 38.20       | 4.46  | 46.80       | 5.37  | 50.40       | 5.76  | 54.50       | 6.33  | 57.90       | 6.86  | 60.50       | 7.28  |
|        | 18                              | 30.30                        | 3.79  | 38.20       | 4.52  | 46.80       | 5.55  | 50.40       | 6.06  | 54.50       | 6.73  | 57.90       | 7.36  | 60.50       | 7.85  |
|        | 20                              | 30.30                        | 3.84  | 38.20       | 4.70  | 46.80       | 5.98  | 50.40       | 6.62  | 54.50       | 7.39  | 57.90       | 8.08  | 60.50       | 8.69  |
|        | 21                              | 30.30                        | 3.90  | 38.20       | 4.92  | 46.80       | 6.28  | 50.40       | 6.92  | 54.50       | 7.76  | 57.90       | 8.49  | 60.50       | 9.13  |
|        | 23                              | 30.30                        | 4.17  | 38.20       | 5.39  | 46.80       | 6.93  | 50.40       | 7.69  | 54.50       | 8.61  | 57.90       | 9.41  | 60.50       | 10.11 |
|        | 25                              | 30.30                        | 4.56  | 38.20       | 5.94  | 46.80       | 7.75  | 50.40       | 8.56  | 54.50       | 9.55  | 57.90       | 10.52 | 60.50       | 11.29 |
|        | 27                              | 30.30                        | 5.04  | 38.20       | 6.63  | 46.80       | 8.63  | 50.40       | 9.60  | 54.50       | 10.75 | 57.90       | 11.75 | 60.50       | 12.51 |
|        | 29                              | 30.30                        | 5.67  | 38.20       | 7.48  | 46.80       | 9.75  | 50.40       | 10.72 | 54.50       | 11.85 | 57.90       | 12.99 | 60.50       | 13.72 |
|        | 31                              | 30.30                        | 6.43  | 38.20       | 8.48  | 46.80       | 10.82 | 50.40       | 11.75 | 54.50       | 12.85 | 57.90       | 13.90 | 60.50       | 14.70 |
|        | 33                              | 30.30                        | 7.33  | 38.20       | 9.41  | 46.80       | 11.60 | 50.40       | 12.58 | 54.50       | 13.76 | 57.90       | 14.80 | 60.50       | 15.67 |
|        | 35                              | 30.30                        | 8.07  | 38.20       | 10.06 | 46.80       | 12.34 | 50.40       | 13.41 | 54.50       | 14.66 | 57.90       | 15.77 | 60.50       | 16.69 |
|        | 37                              | 30.30                        | 8.58  | 38.20       | 10.69 | 46.80       | 13.15 | 50.40       | 14.28 | 54.50       | 15.61 | 57.90       | 16.81 | 60.50       | 17.79 |
|        | 39                              | 30.30                        | 9.18  | 38.20       | 11.39 | 46.80       | 14.02 | 50.40       | 15.22 | 54.50       | 16.65 | 57.90       | 17.92 | 60.50       | 18.96 |
|        | 41                              | 30.30                        | 9.78  | 38.20       | 12.13 | 46.80       | 14.94 | 50.40       | 16.23 | 54.50       | 17.74 | 57.90       | 19.10 | 60.50       | 20.21 |
|        | 43                              | 30.30                        | 10.44 | 38.20       | 12.94 | 46.80       | 15.93 | 50.40       | 17.30 | 54.50       | 18.92 | 57.90       | 20.37 | 60.50       | 21.56 |
|        | 46                              | 30.30                        | 11.54 | 38.20       | 14.26 | 46.80       | 17.55 | 50.40       | 19.05 | 54.50       | 20.83 | 57.90       | 22.28 | 60.50       | 23.43 |
|        | 48                              | 30.30                        | 12.32 | 38.20       | 15.22 | 46.80       | 18.71 | 50.40       | 20.32 | 54.50       | 22.12 | 57.90       | 23.65 | 60.50       | 24.87 |
|        | 50                              | 30.30                        | 13.17 | 38.20       | 16.25 | 46.80       | 19.96 | 50.40       | 21.67 | 54.50       | 23.45 | 57.90       | 25.08 | 60.50       | 26.37 |
|        | 52                              | 30.30                        | 14.07 | 38.20       | 17.34 | 46.80       | 20.90 | 50.40       | 22.56 | 54.50       | 24.48 | 55.60       | 24.17 | 55.70       | 24.19 |
| 50     | 10                              | 25.20                        | 2.37  | 31.80       | 2.97  | 39.00       | 4.02  | 42.00       | 4.51  | 45.30       | 4.84  | 48.20       | 5.08  | 50.50       | 5.24  |
|        | 12                              | 25.20                        | 3.26  | 31.80       | 3.80  | 39.00       | 4.40  | 42.00       | 4.70  | 45.30       | 5.02  | 48.20       | 5.32  | 50.50       | 5.53  |
|        | 14                              | 25.20                        | 3.34  | 31.80       | 3.85  | 39.00       | 4.45  | 42.00       | 4.77  | 45.30       | 5.09  | 48.20       | 5.42  | 50.50       | 5.68  |
|        | 16                              | 25.20                        | 3.36  | 31.80       | 3.90  | 39.00       | 4.51  | 42.00       | 4.82  | 45.30       | 5.17  | 48.20       | 5.48  | 50.50       | 5.78  |
|        | 18                              | 25.20                        | 3.41  | 31.80       | 3.95  | 39.00       | 4.59  | 42.00       | 4.94  | 45.30       | 5.37  | 48.20       | 5.76  | 50.50       | 6.06  |
|        | 20                              | 25.20                        | 3.45  | 31.80       | 4.03  | 39.00       | 4.79  | 42.00       | 5.21  | 45.30       | 5.75  | 48.20       | 6.24  | 50.50       | 6.65  |
|        | 21                              | 25.20                        | 3.45  | 31.80       | 4.09  | 39.00       | 5.02  | 42.00       | 5.48  | 45.30       | 6.05  | 48.20       | 6.56  | 50.50       | 6.92  |
|        | 23                              | 25.20                        | 3.60  | 31.80       | 4.41  | 39.00       | 5.49  | 42.00       | 6.01  | 45.30       | 6.63  | 48.20       | 7.25  | 50.50       | 7.72  |
|        | 25                              | 25.20                        | 3.84  | 31.80       | 4.84  | 39.00       | 6.07  | 42.00       | 6.64  | 45.30       | 7.36  | 48.20       | 8.03  | 50.50       | 8.61  |
|        | 27                              | 25.20                        | 4.22  | 31.80       | 5.36  | 39.00       | 6.75  | 42.00       | 7.49  | 45.30       | 8.28  | 48.20       | 9.03  | 50.50       | 9.61  |
|        | 29                              | 25.20                        | 4.70  | 31.80       | 6.01  | 39.00       | 7.66  | 42.00       | 8.41  | 45.30       | 9.35  | 48.20       | 10.13 | 50.50       | 10.72 |
|        | 31                              | 25.20                        | 5.28  | 31.80       | 6.84  | 39.00       | 8.64  | 42.00       | 9.46  | 45.30       | 10.38 | 48.20       | 11.21 | 50.50       | 11.78 |
|        | 33                              | 25.20                        | 6.04  | 31.80       | 7.76  | 39.00       | 9.56  | 42.00       | 10.36 | 45.30       | 11.17 | 48.20       | 11.93 | 50.50       | 12.61 |
|        | 35                              | 25.20                        | 6.90  | 31.80       | 8.44  | 39.00       | 10.24 | 42.00       | 11.03 | 45.30       | 11.95 | 48.20       | 12.76 | 50.50       | 13.43 |
|        | 37                              | 25.20                        | 7.31  | 31.80       | 9.00  | 39.00       | 10.89 | 42.00       | 11.73 | 45.30       | 12.72 | 48.20       | 13.60 | 50.50       | 14.31 |
|        | 39                              | 25.20                        | 7.80  | 31.80       | 9.62  | 39.00       | 11.60 | 42.00       | 12.50 | 45.30       | 13.56 | 48.20       | 14.50 | 50.50       | 15.25 |
|        | 41                              | 25.20                        | 8.33  | 31.80       | 10.25 | 39.00       | 12.37 | 42.00       | 13.33 | 45.30       | 14.45 | 48.20       | 15.46 | 50.50       | 16.26 |
|        | 43                              | 25.20                        | 8.87  | 31.80       | 10.94 | 39.00       | 13.19 | 42.00       | 14.22 | 45.30       | 15.41 | 48.20       | 16.48 | 50.50       | 17.35 |
|        | 46                              | 25.20                        | 9.78  | 31.80       | 12.05 | 39.00       | 14.54 | 42.00       | 15.66 | 45.30       | 16.98 | 48.20       | 18.14 | 50.50       | 19.09 |
|        | 48                              | 25.20                        | 10.46 | 31.80       | 12.87 | 39.00       | 15.51 | 42.00       | 16.70 | 45.30       | 18.11 | 48.20       | 19.36 | 50.50       | 20.37 |
|        | 50                              | 25.20                        | 11.20 | 31.80       | 13.75 | 39.00       | 16.56 | 42.00       | 17.82 | 45.30       | 19.32 | 48.20       | 20.64 | 50.50       | 21.72 |
|        | 52                              | 25.20                        | 12.00 | 31.80       | 14.68 | 39.00       | 17.67 | 42.00       | 18.76 | 45.30       | 20.26 | 48.20       | 21.57 | 50.50       | 22.61 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM320LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 69.90                        | 7.26  | 88.30       | 10.29 | 108.1       | 15.26 | 116.5       | 17.72 | 125.8       | 20.86 | 133.8       | 23.55 | 140.0       | 25.67 |
|        | 12                              | 69.90                        | 7.96  | 88.30       | 11.35 | 108.1       | 16.59 | 116.5       | 19.23 | 125.8       | 22.64 | 133.8       | 25.29 | 140.0       | 27.39 |
|        | 14                              | 69.90                        | 8.44  | 88.30       | 12.52 | 108.1       | 18.13 | 116.5       | 21.02 | 125.8       | 24.24 | 133.8       | 27.00 | 140.0       | 29.26 |
|        | 16                              | 69.90                        | 9.15  | 88.30       | 13.73 | 108.1       | 19.90 | 116.5       | 22.84 | 125.8       | 26.14 | 133.8       | 28.99 | 140.0       | 31.30 |
|        | 18                              | 69.90                        | 10.06 | 88.30       | 15.01 | 108.1       | 21.61 | 116.5       | 24.80 | 125.8       | 28.23 | 133.8       | 30.96 | 139.7       | 32.79 |
|        | 20                              | 69.90                        | 11.10 | 88.30       | 16.48 | 108.1       | 23.52 | 116.5       | 26.65 | 125.8       | 29.86 | 133.8       | 32.53 | 139.3       | 33.92 |
|        | 21                              | 69.90                        | 11.69 | 88.30       | 17.28 | 108.1       | 24.32 | 116.5       | 27.56 | 125.8       | 30.64 | 133.8       | 33.20 | 139.1       | 34.53 |
|        | 23                              | 69.90                        | 12.89 | 88.30       | 19.01 | 108.1       | 26.05 | 116.5       | 29.12 | 125.8       | 32.51 | 133.8       | 34.63 | 138.6       | 35.90 |
|        | 25                              | 69.90                        | 14.39 | 88.30       | 20.54 | 108.1       | 27.85 | 116.5       | 30.89 | 125.8       | 34.08 | 133.4       | 36.16 | 138.0       | 37.43 |
|        | 27                              | 69.90                        | 15.74 | 88.30       | 21.93 | 108.1       | 29.62 | 116.5       | 32.95 | 125.8       | 35.80 | 132.9       | 37.82 | 137.5       | 39.16 |
|        | 29                              | 69.90                        | 16.85 | 88.30       | 23.43 | 108.1       | 31.65 | 116.5       | 34.72 | 125.8       | 37.67 | 132.3       | 39.67 | 136.8       | 41.10 |
|        | 31                              | 69.90                        | 17.99 | 88.30       | 25.16 | 108.1       | 33.62 | 116.5       | 36.64 | 125.8       | 39.76 | 131.6       | 41.76 | 136.2       | 43.32 |
|        | 33                              | 69.90                        | 19.26 | 88.30       | 26.82 | 108.1       | 35.68 | 116.5       | 38.75 | 125.1       | 41.91 | 130.0       | 43.73 | 130.7       | 43.89 |
|        | 35                              | 69.90                        | 20.53 | 88.30       | 28.62 | 108.1       | 37.79 | 116.5       | 41.10 | 123.1       | 43.73 | 123.9       | 43.93 | 124.6       | 44.09 |
|        | 37                              | 69.90                        | 21.89 | 88.30       | 30.57 | 108.1       | 40.11 | 115.1       | 42.82 | 115.2       | 42.83 | 115.1       | 42.81 | 115.0       | 42.80 |
|        | 39                              | 69.90                        | 23.34 | 88.30       | 32.11 | 107.0       | 39.82 | 106.9       | 39.78 | 106.9       | 39.77 | 106.9       | 39.78 | 106.9       | 39.77 |
|        | 41                              | 69.90                        | 24.89 | 88.30       | 33.09 | 99.10       | 37.12 | 99.00       | 37.10 | 99.00       | 37.09 | 98.90       | 37.04 | 99.00       | 37.07 |
|        | 43                              | 69.90                        | 26.32 | 88.30       | 33.73 | 91.40       | 34.88 | 91.30       | 34.87 | 91.30       | 34.83 | 91.30       | 34.84 | 91.10       | 34.81 |
|        | 46                              | 69.90                        | 28.09 | 80.40       | 32.26 | 80.30       | 32.24 | 80.30       | 32.22 | 80.30       | 32.21 | 80.20       | 32.19 | 80.20       | 32.19 |
|        | 48                              | 69.90                        | 29.69 | 73.40       | 31.15 | 73.30       | 31.10 | 73.30       | 31.10 | 73.50       | 31.19 | 73.30       | 31.10 | 73.30       | 31.09 |
|        | 50                              | 67.00                        | 29.80 | 66.80       | 29.76 | 66.70       | 29.69 | 66.70       | 29.72 | 66.70       | 29.71 | 66.60       | 29.68 | 66.60       | 29.67 |
|        | 52                              | 59.20                        | 26.67 | 60.10       | 26.07 | 60.40       | 24.62 | 60.40       | 24.31 | 60.40       | 23.98 | 60.50       | 23.70 | 60.50       | 23.50 |
| 120    | 10                              | 64.60                        | 6.61  | 81.60       | 9.01  | 99.80       | 12.91 | 107.5       | 15.06 | 116.1       | 17.55 | 123.5       | 19.94 | 129.3       | 22.07 |
|        | 12                              | 64.60                        | 7.21  | 81.60       | 9.93  | 99.80       | 14.24 | 107.5       | 16.41 | 116.1       | 19.11 | 123.5       | 21.80 | 129.3       | 23.80 |
|        | 14                              | 64.60                        | 7.56  | 81.60       | 10.95 | 99.80       | 15.59 | 107.5       | 17.95 | 116.1       | 20.89 | 123.5       | 23.48 | 129.3       | 25.45 |
|        | 16                              | 64.60                        | 8.02  | 81.60       | 11.90 | 99.80       | 17.09 | 107.5       | 19.68 | 116.1       | 22.71 | 123.5       | 25.26 | 129.3       | 27.40 |
|        | 18                              | 64.60                        | 8.82  | 81.60       | 13.06 | 99.80       | 18.77 | 107.5       | 21.40 | 116.1       | 24.58 | 123.5       | 27.34 | 129.3       | 29.42 |
|        | 20                              | 64.60                        | 9.73  | 81.60       | 14.38 | 99.80       | 20.42 | 107.5       | 23.31 | 116.1       | 26.37 | 123.5       | 29.15 | 129.3       | 30.98 |
|        | 21                              | 64.60                        | 10.22 | 81.60       | 15.05 | 99.80       | 21.32 | 107.5       | 24.12 | 116.1       | 27.34 | 123.5       | 29.93 | 129.3       | 32.01 |
|        | 23                              | 64.60                        | 11.36 | 81.60       | 16.64 | 99.80       | 22.98 | 107.5       | 25.83 | 116.1       | 28.99 | 123.5       | 31.65 | 129.3       | 33.46 |
|        | 25                              | 64.60                        | 12.65 | 81.60       | 18.23 | 99.80       | 24.53 | 107.5       | 27.65 | 116.1       | 30.75 | 123.5       | 33.42 | 129.3       | 35.04 |
|        | 27                              | 64.60                        | 14.09 | 81.60       | 19.50 | 99.80       | 26.48 | 107.5       | 29.40 | 116.1       | 32.85 | 123.5       | 35.11 | 129.3       | 36.77 |
|        | 29                              | 64.60                        | 15.17 | 81.60       | 20.83 | 99.80       | 28.28 | 107.5       | 31.39 | 116.1       | 34.61 | 123.5       | 36.97 | 129.0       | 38.63 |
|        | 31                              | 64.60                        | 16.26 | 81.60       | 22.35 | 99.80       | 30.03 | 107.5       | 33.33 | 116.1       | 36.53 | 123.5       | 39.01 | 128.3       | 40.62 |
|        | 33                              | 64.60                        | 17.33 | 81.60       | 23.82 | 99.80       | 31.91 | 107.5       | 35.44 | 116.1       | 38.63 | 123.4       | 41.28 | 127.7       | 42.86 |
|        | 35                              | 64.60                        | 18.48 | 81.60       | 25.41 | 99.80       | 33.96 | 107.5       | 37.53 | 116.1       | 40.98 | 122.7       | 43.62 | 123.6       | 43.87 |
|        | 37                              | 64.60                        | 19.71 | 81.60       | 27.11 | 99.80       | 36.20 | 107.5       | 39.83 | 115.2       | 42.83 | 115.2       | 42.83 | 115.1       | 42.81 |
|        | 39                              | 64.60                        | 21.01 | 81.60       | 28.94 | 99.80       | 37.12 | 107.1       | 39.83 | 107.0       | 39.80 | 106.9       | 39.78 | 106.9       | 39.78 |
|        | 41                              | 64.60                        | 22.40 | 81.60       | 30.26 | 99.20       | 37.14 | 99.00       | 37.10 | 99.00       | 37.07 | 98.90       | 37.05 | 98.90       | 37.04 |
|        | 43                              | 64.60                        | 23.90 | 81.60       | 31.13 | 91.40       | 34.90 | 91.40       | 34.87 | 91.30       | 34.84 | 91.30       | 34.84 | 91.30       | 34.85 |
|        | 46                              | 64.60                        | 26.03 | 80.40       | 32.29 | 80.30       | 32.22 | 80.30       | 32.22 | 80.30       | 32.21 | 80.20       | 32.20 | 80.30       | 32.19 |
|        | 48                              | 64.60                        | 27.41 | 73.40       | 31.15 | 73.40       | 31.14 | 73.40       | 31.14 | 73.30       | 31.11 | 73.30       | 31.09 | 73.30       | 31.08 |
|        | 50                              | 64.60                        | 28.76 | 66.80       | 29.74 | 66.70       | 29.72 | 66.70       | 29.71 | 66.70       | 29.71 | 66.70       | 29.72 | 66.70       | 29.67 |
|        | 52                              | 59.00                        | 26.57 | 59.70       | 26.66 | 60.50       | 25.22 | 60.40       | 24.93 | 60.50       | 24.61 | 60.50       | 24.36 | 60.50       | 24.23 |
| 110    | 10                              | 59.20                        | 6.07  | 74.70       | 7.93  | 91.50       | 10.94 | 98.50       | 12.59 | 106.4       | 14.75 | 113.1       | 16.72 | 118.4       | 18.36 |
|        | 12                              | 59.20                        | 6.56  | 74.70       | 8.71  | 91.50       | 12.08 | 98.50       | 13.88 | 106.4       | 16.06 | 113.1       | 18.18 | 118.4       | 19.93 |
|        | 14                              | 59.20                        | 6.79  | 74.70       | 9.37  | 91.50       | 13.32 | 98.50       | 15.19 | 106.4       | 17.60 | 113.1       | 19.85 | 118.4       | 21.85 |
|        | 16                              | 59.20                        | 7.06  | 74.70       | 10.26 | 91.50       | 14.58 | 98.50       | 16.70 | 106.4       | 19.28 | 113.1       | 21.57 | 118.4       | 23.55 |
|        | 18                              | 59.20                        | 7.69  | 74.70       | 11.22 | 91.50       | 16.08 | 98.50       | 18.34 | 106.4       | 20.97 | 113.1       | 23.49 | 118.4       | 25.47 |
|        | 20                              | 59.20                        | 8.47  | 74.70       | 12.41 | 91.50       | 17.55 | 98.50       | 20.04 | 106.4       | 22.81 | 113.1       | 25.38 | 118.4       | 27.41 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 59.20                        | 8.91  | 74.70       | 12.99 | 91.50       | 18.39 | 98.50       | 20.90 | 106.4       | 23.74 | 113.1       | 26.25 | 118.4       | 28.24 |
|        | 23                              | 59.20                        | 9.87  | 74.70       | 14.43 | 91.50       | 20.07 | 98.50       | 22.50 | 106.4       | 25.39 | 113.1       | 27.98 | 118.4       | 29.82 |
|        | 25                              | 59.20                        | 11.08 | 74.70       | 15.88 | 91.50       | 21.46 | 98.50       | 24.06 | 106.4       | 27.23 | 113.1       | 29.70 | 118.4       | 31.63 |
|        | 27                              | 59.20                        | 12.39 | 74.70       | 17.25 | 91.50       | 23.11 | 98.50       | 25.76 | 106.4       | 28.97 | 113.1       | 31.56 | 118.4       | 33.59 |
|        | 29                              | 59.20                        | 13.59 | 74.70       | 18.42 | 91.50       | 24.67 | 98.50       | 27.78 | 106.4       | 30.97 | 113.1       | 33.65 | 118.4       | 35.37 |
|        | 31                              | 59.20                        | 14.52 | 74.70       | 19.68 | 91.50       | 26.53 | 98.50       | 29.49 | 106.4       | 32.87 | 113.1       | 35.52 | 118.4       | 37.34 |
|        | 33                              | 59.20                        | 15.55 | 74.70       | 21.06 | 91.50       | 28.29 | 98.50       | 31.34 | 106.4       | 34.97 | 113.1       | 37.56 | 118.4       | 39.50 |
|        | 35                              | 59.20                        | 16.57 | 74.70       | 22.46 | 91.50       | 30.11 | 98.50       | 33.35 | 106.4       | 37.12 | 113.1       | 39.81 | 118.4       | 41.91 |
|        | 37                              | 59.20                        | 17.66 | 74.70       | 23.94 | 91.50       | 32.04 | 98.50       | 35.54 | 106.4       | 39.38 | 113.1       | 42.32 | 115.1       | 42.80 |
|        | 39                              | 59.20                        | 18.84 | 74.70       | 25.54 | 91.50       | 33.64 | 98.50       | 36.64 | 106.4       | 39.59 | 107.0       | 39.79 | 107.0       | 39.80 |
|        | 41                              | 59.20                        | 20.08 | 74.70       | 27.13 | 91.50       | 34.26 | 98.50       | 36.90 | 99.20       | 37.12 | 99.00       | 37.09 | 99.00       | 37.10 |
|        | 43                              | 59.20                        | 21.42 | 74.70       | 28.53 | 91.30       | 34.84 | 91.40       | 34.90 | 91.40       | 34.88 | 91.20       | 34.84 | 91.30       | 34.84 |
|        | 46                              | 59.20                        | 23.60 | 74.70       | 30.00 | 80.30       | 32.27 | 80.30       | 32.25 | 80.30       | 32.24 | 80.30       | 32.23 | 80.20       | 32.19 |
|        | 48                              | 59.20                        | 25.02 | 73.40       | 31.17 | 73.40       | 31.15 | 73.40       | 31.15 | 73.40       | 31.11 | 73.30       | 31.11 | 73.30       | 31.10 |
|        | 50                              | 59.20                        | 26.37 | 66.90       | 29.79 | 66.80       | 29.74 | 66.70       | 29.73 | 66.70       | 29.73 | 66.70       | 29.71 | 66.70       | 29.69 |
| 100    | 52                              | 58.70                        | 26.42 | 59.30       | 26.72 | 60.20       | 25.94 | 60.40       | 25.67 | 60.50       | 25.37 | 60.30       | 25.08 | 60.50       | 24.72 |
|        | 10                              | 53.80                        | 5.58  | 68.00       | 7.01  | 83.20       | 9.29  | 89.60       | 10.54 | 96.80       | 12.15 | 102.9       | 13.74 | 107.7       | 15.07 |
|        | 12                              | 53.80                        | 6.01  | 68.00       | 7.67  | 83.20       | 10.25 | 89.60       | 11.62 | 96.80       | 13.41 | 102.9       | 15.14 | 107.7       | 16.46 |
|        | 14                              | 53.80                        | 6.13  | 68.00       | 8.11  | 83.20       | 11.30 | 89.60       | 12.83 | 96.80       | 14.78 | 102.9       | 16.50 | 107.7       | 17.99 |
|        | 16                              | 53.80                        | 6.22  | 68.00       | 8.75  | 83.20       | 12.31 | 89.60       | 14.08 | 96.80       | 16.16 | 102.9       | 18.08 | 107.7       | 19.74 |
|        | 18                              | 53.80                        | 6.71  | 68.00       | 9.61  | 83.20       | 13.50 | 89.60       | 15.36 | 96.80       | 17.75 | 102.9       | 19.75 | 107.7       | 21.47 |
|        | 20                              | 53.80                        | 7.33  | 68.00       | 10.56 | 83.20       | 14.85 | 89.60       | 16.87 | 96.80       | 19.39 | 102.9       | 21.51 | 107.7       | 23.32 |
|        | 21                              | 53.80                        | 7.72  | 68.00       | 11.11 | 83.20       | 15.55 | 89.60       | 17.77 | 96.80       | 20.25 | 102.9       | 22.46 | 107.7       | 24.22 |
|        | 23                              | 53.80                        | 8.56  | 68.00       | 12.27 | 83.20       | 17.18 | 89.60       | 19.42 | 96.80       | 21.88 | 102.9       | 24.06 | 107.7       | 25.90 |
|        | 25                              | 53.80                        | 9.58  | 68.00       | 13.72 | 83.20       | 18.74 | 89.60       | 20.92 | 96.80       | 23.40 | 102.9       | 25.75 | 107.7       | 27.68 |
|        | 27                              | 53.80                        | 10.72 | 68.00       | 15.15 | 83.20       | 20.03 | 89.60       | 22.40 | 96.80       | 25.22 | 102.9       | 27.83 | 107.7       | 29.44 |
|        | 29                              | 53.80                        | 11.97 | 68.00       | 16.18 | 83.20       | 21.40 | 89.60       | 23.91 | 96.80       | 26.98 | 102.9       | 29.52 | 107.7       | 31.48 |
|        | 31                              | 53.80                        | 12.95 | 68.00       | 17.37 | 83.20       | 23.00 | 89.60       | 25.68 | 96.80       | 28.77 | 102.9       | 31.34 | 107.7       | 33.43 |
|        | 33                              | 53.80                        | 13.87 | 68.00       | 18.52 | 83.20       | 24.51 | 89.60       | 27.38 | 96.80       | 30.56 | 102.9       | 33.31 | 107.7       | 35.53 |
|        | 35                              | 53.80                        | 14.79 | 68.00       | 19.75 | 83.20       | 26.13 | 89.60       | 29.19 | 96.80       | 32.52 | 102.9       | 35.47 | 107.7       | 37.62 |
| 90     | 37                              | 53.80                        | 15.76 | 68.00       | 21.05 | 83.20       | 27.89 | 89.60       | 31.13 | 96.80       | 34.64 | 102.9       | 37.86 | 107.7       | 39.92 |
|        | 39                              | 53.80                        | 16.80 | 68.00       | 22.45 | 83.20       | 29.67 | 89.60       | 32.70 | 96.80       | 36.00 | 102.9       | 38.28 | 107.1       | 39.83 |
|        | 41                              | 53.80                        | 17.92 | 68.00       | 23.94 | 83.20       | 31.03 | 89.60       | 33.54 | 96.80       | 36.24 | 99.00       | 37.10 | 99.10       | 37.11 |
|        | 43                              | 53.80                        | 19.11 | 68.00       | 25.41 | 83.20       | 31.75 | 89.60       | 34.19 | 91.30       | 34.88 | 91.40       | 34.88 | 91.40       | 34.87 |
|        | 46                              | 53.80                        | 21.05 | 68.00       | 27.27 | 80.30       | 32.25 | 80.40       | 32.25 | 80.40       | 32.24 | 80.40       | 32.24 | 80.30       | 32.21 |
|        | 48                              | 53.80                        | 22.45 | 68.00       | 28.84 | 73.50       | 31.17 | 73.40       | 31.15 | 73.40       | 31.15 | 73.40       | 31.14 | 73.40       | 31.14 |
|        | 50                              | 53.80                        | 23.96 | 66.90       | 29.77 | 66.80       | 29.75 | 66.80       | 29.74 | 66.70       | 29.71 | 66.70       | 29.70 | 66.70       | 29.69 |
|        | 52                              | 53.80                        | 24.24 | 59.10       | 26.61 | 59.60       | 26.71 | 59.90       | 26.28 | 60.30       | 25.83 | 60.50       | 25.40 | 60.50       | 25.05 |
|        | 10                              | 48.50                        | 5.18  | 61.10       | 6.26  | 74.90       | 7.93  | 80.60       | 8.85  | 87.10       | 10.04 | 92.60       | 11.18 | 96.90       | 12.20 |
|        | 12                              | 48.50                        | 5.39  | 61.10       | 6.79  | 74.90       | 8.72  | 80.60       | 9.75  | 87.10       | 11.07 | 92.60       | 12.35 | 96.90       | 13.46 |
|        | 14                              | 48.50                        | 5.45  | 61.10       | 7.05  | 74.90       | 9.38  | 80.60       | 10.75 | 87.10       | 12.22 | 92.60       | 13.62 | 96.90       | 14.76 |
|        | 16                              | 48.50                        | 5.58  | 61.10       | 7.37  | 74.90       | 10.28 | 80.60       | 11.70 | 87.10       | 13.42 | 92.60       | 14.94 | 96.90       | 16.19 |
|        | 18                              | 48.50                        | 5.74  | 61.10       | 8.12  | 74.90       | 11.24 | 80.60       | 12.78 | 87.10       | 14.62 | 92.60       | 16.41 | 96.90       | 17.71 |
|        | 20                              | 48.50                        | 6.35  | 61.10       | 8.95  | 74.90       | 12.42 | 80.60       | 14.08 | 87.10       | 16.07 | 92.60       | 17.91 | 96.90       | 19.47 |
|        | 21                              | 48.50                        | 6.64  | 61.10       | 9.40  | 74.90       | 13.02 | 80.60       | 14.75 | 87.10       | 16.88 | 92.60       | 18.81 | 96.90       | 20.26 |
|        | 23                              | 48.50                        | 7.38  | 61.10       | 10.41 | 74.90       | 14.45 | 80.60       | 16.43 | 87.10       | 18.54 | 92.60       | 20.49 | 96.90       | 21.95 |
|        | 25                              | 48.50                        | 8.24  | 61.10       | 11.61 | 74.90       | 16.01 | 80.60       | 17.95 | 87.10       | 20.09 | 92.60       | 22.04 | 96.90       | 23.53 |
|        | 27                              | 48.50                        | 9.19  | 61.10       | 12.99 | 74.90       | 17.28 | 80.60       | 19.19 | 87.10       | 21.46 | 92.60       | 23.53 | 96.90       | 25.27 |
|        | 29                              | 48.50                        | 10.38 | 61.10       | 14.14 | 74.90       | 18.48 | 80.60       | 20.51 | 87.10       | 22.93 | 92.60       | 25.17 | 96.90       | 27.03 |
|        | 31                              | 48.50                        | 11.48 | 61.10       | 15.12 | 74.90       | 19.80 | 80.60       | 21.98 | 87.10       | 24.62 | 92.60       | 26.92 | 96.90       | 28.84 |
|        | 33                              | 48.50                        | 12.31 | 61.10       | 16.19 | 74.90       | 21.10 | 80.60       | 23.43 | 87.10       | 26.25 | 92.60       | 28.78 | 96.90       | 30.65 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 48.50                        | 13.12 | 61.10       | 17.25 | 74.90       | 22.49 | 80.60       | 24.98 | 87.10       | 27.99 | 92.60       | 30.61 | 96.90       | 32.59 |
|        | 37                               | 48.50                        | 13.98 | 61.10       | 18.39 | 74.90       | 23.99 | 80.60       | 26.64 | 87.10       | 29.90 | 92.60       | 32.58 | 96.90       | 34.72 |
|        | 39                               | 48.50                        | 14.91 | 61.10       | 19.61 | 74.90       | 25.59 | 80.60       | 28.45 | 87.10       | 31.50 | 92.60       | 34.21 | 96.90       | 36.06 |
|        | 41                               | 48.50                        | 15.90 | 61.10       | 20.91 | 74.90       | 27.17 | 80.60       | 29.81 | 87.10       | 32.62 | 92.60       | 34.69 | 96.90       | 36.30 |
|        | 43                               | 48.50                        | 16.96 | 61.10       | 22.30 | 74.90       | 28.57 | 80.60       | 30.77 | 87.10       | 33.24 | 91.40       | 34.90 | 91.40       | 34.88 |
|        | 46                               | 48.50                        | 18.68 | 61.10       | 24.43 | 74.90       | 30.04 | 80.30       | 32.24 | 80.40       | 32.26 | 80.30       | 32.25 | 80.40       | 32.25 |
|        | 48                               | 48.50                        | 19.93 | 61.10       | 25.96 | 73.50       | 31.19 | 73.40       | 31.16 | 73.40       | 31.14 | 73.40       | 31.13 | 73.40       | 31.12 |
|        | 50                               | 48.50                        | 21.26 | 61.10       | 27.24 | 66.90       | 29.79 | 66.80       | 29.78 | 66.80       | 29.75 | 66.80       | 29.73 | 66.80       | 29.72 |
|        | 52                               | 48.50                        | 22.34 | 58.80       | 26.48 | 59.40       | 26.86 | 59.70       | 26.71 | 60.10       | 26.24 | 60.30       | 25.81 | 60.50       | 25.47 |
| 80     | 10                               | 43.00                        | 4.69  | 54.40       | 5.63  | 66.50       | 6.84  | 71.70       | 7.49  | 77.40       | 8.32  | 82.30       | 9.14  | 86.20       | 9.85  |
|        | 12                               | 43.00                        | 4.84  | 54.40       | 6.06  | 66.50       | 7.47  | 71.70       | 8.21  | 77.40       | 9.16  | 82.30       | 10.08 | 86.20       | 10.87 |
|        | 14                               | 43.00                        | 4.92  | 54.40       | 6.18  | 66.50       | 7.89  | 71.70       | 8.76  | 77.40       | 9.90  | 82.30       | 11.11 | 86.20       | 12.00 |
|        | 16                               | 43.00                        | 4.98  | 54.40       | 6.31  | 66.50       | 8.45  | 71.70       | 9.53  | 77.40       | 10.91 | 82.30       | 12.11 | 86.20       | 13.17 |
|        | 18                               | 43.00                        | 5.09  | 54.40       | 6.80  | 66.50       | 9.28  | 71.70       | 10.48 | 77.40       | 11.90 | 82.30       | 13.24 | 86.20       | 14.38 |
|        | 20                               | 43.00                        | 5.45  | 54.40       | 7.46  | 66.50       | 10.20 | 71.70       | 11.54 | 77.40       | 13.12 | 82.30       | 14.57 | 86.20       | 15.81 |
|        | 21                               | 43.00                        | 5.68  | 54.40       | 7.81  | 66.50       | 10.76 | 71.70       | 12.11 | 77.40       | 13.79 | 82.30       | 15.36 | 86.20       | 16.59 |
|        | 23                               | 43.00                        | 6.30  | 54.40       | 8.70  | 66.50       | 11.87 | 71.70       | 13.46 | 77.40       | 15.30 | 82.30       | 16.89 | 86.20       | 18.18 |
|        | 25                               | 43.00                        | 6.99  | 54.40       | 9.70  | 66.50       | 13.29 | 71.70       | 14.89 | 77.40       | 16.83 | 82.30       | 18.51 | 86.20       | 19.76 |
|        | 27                               | 43.00                        | 7.84  | 54.40       | 10.87 | 66.50       | 14.75 | 71.70       | 16.26 | 77.40       | 18.08 | 82.30       | 19.75 | 86.20       | 21.12 |
|        | 29                               | 43.00                        | 8.88  | 54.40       | 12.14 | 66.50       | 15.75 | 71.70       | 17.40 | 77.40       | 19.33 | 82.30       | 21.11 | 86.20       | 22.56 |
|        | 31                               | 43.00                        | 9.95  | 54.40       | 13.10 | 66.50       | 16.83 | 71.70       | 18.57 | 77.40       | 20.67 | 82.30       | 22.66 | 86.20       | 24.23 |
|        | 33                               | 43.00                        | 10.87 | 54.40       | 14.04 | 66.50       | 18.02 | 71.70       | 19.88 | 77.40       | 22.12 | 82.30       | 24.15 | 86.20       | 25.83 |
|        | 35                               | 43.00                        | 11.58 | 54.40       | 14.96 | 66.50       | 19.20 | 71.70       | 21.18 | 77.40       | 23.58 | 82.30       | 25.75 | 86.20       | 27.55 |
|        | 37                               | 43.00                        | 12.33 | 54.40       | 15.94 | 66.50       | 20.48 | 71.70       | 22.59 | 77.40       | 25.14 | 82.30       | 27.47 | 86.20       | 29.42 |
|        | 39                               | 43.00                        | 13.14 | 54.40       | 17.00 | 66.50       | 21.83 | 71.70       | 24.09 | 77.40       | 26.83 | 82.30       | 29.35 | 86.20       | 31.07 |
|        | 41                               | 43.00                        | 14.02 | 54.40       | 18.13 | 66.50       | 23.28 | 71.70       | 25.71 | 77.40       | 28.33 | 82.30       | 30.63 | 86.20       | 32.27 |
|        | 43                               | 43.00                        | 14.95 | 54.40       | 19.33 | 66.50       | 24.84 | 71.70       | 27.07 | 77.40       | 29.55 | 82.30       | 31.43 | 86.20       | 32.89 |
|        | 46                               | 43.00                        | 16.48 | 54.40       | 21.30 | 66.50       | 26.70 | 71.70       | 28.76 | 77.40       | 31.06 | 80.30       | 32.24 | 80.30       | 32.24 |
|        | 48                               | 43.00                        | 17.59 | 54.40       | 22.72 | 66.50       | 28.22 | 71.70       | 30.40 | 73.40       | 31.17 | 73.40       | 31.15 | 73.40       | 31.14 |
|        | 50                               | 43.00                        | 18.77 | 54.40       | 24.24 | 66.50       | 29.62 | 66.90       | 29.79 | 66.80       | 29.76 | 66.90       | 29.76 | 66.80       | 29.74 |
|        | 52                               | 43.00                        | 20.03 | 54.40       | 24.48 | 59.10       | 26.62 | 59.40       | 26.74 | 59.70       | 26.78 | 59.90       | 26.33 | 60.20       | 26.00 |
| 70     | 10                               | 37.70                        | 3.87  | 47.50       | 5.13  | 58.20       | 5.97  | 62.70       | 6.42  | 67.70       | 6.98  | 72.00       | 7.54  | 75.40       | 8.02  |
|        | 12                               | 37.70                        | 4.34  | 47.50       | 5.30  | 58.20       | 6.46  | 62.70       | 6.98  | 67.70       | 7.64  | 72.00       | 8.27  | 75.40       | 8.81  |
|        | 14                               | 37.70                        | 4.39  | 47.50       | 5.40  | 58.20       | 6.65  | 62.70       | 7.27  | 67.70       | 8.06  | 72.00       | 8.82  | 75.40       | 9.55  |
|        | 16                               | 37.70                        | 4.45  | 47.50       | 5.47  | 58.20       | 6.89  | 62.70       | 7.68  | 67.70       | 8.67  | 72.00       | 9.60  | 75.40       | 10.39 |
|        | 18                               | 37.70                        | 4.50  | 47.50       | 5.68  | 58.20       | 7.52  | 62.70       | 8.45  | 67.70       | 9.51  | 72.00       | 10.55 | 75.40       | 11.35 |
|        | 20                               | 37.70                        | 4.68  | 47.50       | 6.19  | 58.20       | 8.25  | 62.70       | 9.29  | 67.70       | 10.49 | 72.00       | 11.58 | 75.40       | 12.54 |
|        | 21                               | 37.70                        | 4.87  | 47.50       | 6.52  | 58.20       | 8.68  | 62.70       | 9.76  | 67.70       | 11.02 | 72.00       | 12.24 | 75.40       | 13.18 |
|        | 23                               | 37.70                        | 5.33  | 47.50       | 7.18  | 58.20       | 9.62  | 62.70       | 10.84 | 67.70       | 12.25 | 72.00       | 13.54 | 75.40       | 14.63 |
|        | 25                               | 37.70                        | 5.91  | 47.50       | 8.04  | 58.20       | 10.80 | 62.70       | 12.10 | 67.70       | 13.61 | 72.00       | 15.04 | 75.40       | 16.15 |
|        | 27                               | 37.70                        | 6.57  | 47.50       | 9.01  | 58.20       | 12.07 | 62.70       | 13.48 | 67.70       | 15.06 | 72.00       | 16.39 | 75.40       | 17.41 |
|        | 29                               | 37.70                        | 7.45  | 47.50       | 10.20 | 58.20       | 13.33 | 62.70       | 14.61 | 67.70       | 16.13 | 72.00       | 17.49 | 75.40       | 18.64 |
|        | 31                               | 37.70                        | 8.47  | 47.50       | 11.27 | 58.20       | 14.28 | 62.70       | 15.66 | 67.70       | 17.23 | 72.00       | 18.78 | 75.40       | 20.00 |
|        | 33                               | 37.70                        | 9.40  | 47.50       | 12.08 | 58.20       | 15.22 | 62.70       | 16.69 | 67.70       | 18.44 | 72.00       | 20.02 | 75.40       | 21.31 |
|        | 35                               | 37.70                        | 10.15 | 47.50       | 12.86 | 58.20       | 16.23 | 62.70       | 17.79 | 67.70       | 19.65 | 72.00       | 21.33 | 75.40       | 22.72 |
|        | 37                               | 37.70                        | 10.80 | 47.50       | 13.70 | 58.20       | 17.30 | 62.70       | 18.97 | 67.70       | 20.96 | 72.00       | 22.75 | 75.40       | 24.23 |
|        | 39                               | 37.70                        | 11.50 | 47.50       | 14.61 | 58.20       | 18.45 | 62.70       | 20.23 | 67.70       | 22.35 | 72.00       | 24.26 | 75.40       | 25.85 |
|        | 41                               | 37.70                        | 12.26 | 47.50       | 15.58 | 58.20       | 19.67 | 62.70       | 21.57 | 67.70       | 23.84 | 72.00       | 25.90 | 75.40       | 27.41 |
|        | 43                               | 37.70                        | 13.09 | 47.50       | 16.62 | 58.20       | 20.97 | 62.70       | 23.00 | 67.70       | 25.31 | 72.00       | 27.25 | 75.40       | 28.82 |
|        | 46                               | 37.70                        | 14.43 | 47.50       | 18.31 | 58.20       | 23.11 | 62.70       | 25.14 | 67.70       | 27.19 | 72.00       | 28.91 | 75.40       | 30.26 |
|        | 48                               | 37.70                        | 15.41 | 47.50       | 19.54 | 58.20       | 24.55 | 62.70       | 26.71 | 67.70       | 28.74 | 72.00       | 30.56 | 73.50       | 31.19 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 37.70                        | 16.46 | 47.50       | 20.84 | 58.20       | 26.05 | 62.70       | 27.91 | 66.90       | 29.79 | 66.90       | 29.76 | 66.80       | 29.77 |
|        | 52                              | 37.70                        | 17.57 | 47.50       | 21.92 | 58.20       | 26.20 | 58.90       | 26.54 | 59.30       | 26.67 | 59.60       | 26.81 | 59.70       | 26.70 |
| 60     | 10                              | 32.30                        | 3.10  | 40.80       | 4.32  | 49.90       | 5.29  | 53.80       | 5.58  | 58.10       | 5.95  | 61.80       | 6.31  | 64.60       | 6.63  |
|        | 12                              | 32.30                        | 3.87  | 40.80       | 4.60  | 49.90       | 5.53  | 53.80       | 5.99  | 58.10       | 6.44  | 61.80       | 6.86  | 64.60       | 7.22  |
|        | 14                              | 32.30                        | 3.91  | 40.80       | 4.68  | 49.90       | 5.65  | 53.80       | 6.12  | 58.10       | 6.66  | 61.80       | 7.13  | 64.60       | 7.55  |
|        | 16                              | 32.30                        | 3.96  | 40.80       | 4.73  | 49.90       | 5.74  | 53.80       | 6.21  | 58.10       | 6.90  | 61.80       | 7.48  | 64.60       | 8.06  |
|        | 18                              | 32.30                        | 4.01  | 40.80       | 4.83  | 49.90       | 6.02  | 53.80       | 6.70  | 58.10       | 7.49  | 61.80       | 8.22  | 64.60       | 8.81  |
|        | 20                              | 32.30                        | 4.06  | 40.80       | 5.10  | 49.90       | 6.61  | 53.80       | 7.31  | 58.10       | 8.26  | 61.80       | 9.06  | 64.60       | 9.79  |
|        | 21                              | 32.30                        | 4.15  | 40.80       | 5.32  | 49.90       | 6.95  | 53.80       | 7.69  | 58.10       | 8.68  | 61.80       | 9.52  | 64.60       | 10.27 |
|        | 23                              | 32.30                        | 4.48  | 40.80       | 5.89  | 49.90       | 7.72  | 53.80       | 8.55  | 58.10       | 9.62  | 61.80       | 10.53 | 64.60       | 11.36 |
|        | 25                              | 32.30                        | 4.93  | 40.80       | 6.51  | 49.90       | 8.57  | 53.80       | 9.56  | 58.10       | 10.71 | 61.80       | 11.82 | 64.60       | 12.65 |
|        | 27                              | 32.30                        | 5.46  | 40.80       | 7.26  | 49.90       | 9.60  | 53.80       | 10.71 | 58.10       | 12.03 | 61.80       | 13.18 | 64.60       | 14.07 |
|        | 29                              | 32.30                        | 6.16  | 40.80       | 8.25  | 49.90       | 10.82 | 53.80       | 11.94 | 58.10       | 13.27 | 61.80       | 14.35 | 64.60       | 15.18 |
|        | 31                              | 32.30                        | 7.03  | 40.80       | 9.34  | 49.90       | 11.86 | 53.80       | 12.93 | 58.10       | 14.18 | 61.80       | 15.36 | 64.60       | 16.27 |
|        | 33                              | 32.30                        | 8.02  | 40.80       | 10.25 | 49.90       | 12.72 | 53.80       | 13.84 | 58.10       | 15.18 | 61.80       | 16.37 | 64.60       | 17.35 |
|        | 35                              | 32.30                        | 8.70  | 40.80       | 10.96 | 49.90       | 13.55 | 53.80       | 14.76 | 58.10       | 16.18 | 61.80       | 17.45 | 64.60       | 18.49 |
|        | 37                              | 32.30                        | 9.26  | 40.80       | 11.66 | 49.90       | 14.45 | 53.80       | 15.72 | 58.10       | 17.24 | 61.80       | 18.60 | 64.60       | 19.71 |
|        | 39                              | 32.30                        | 9.99  | 40.80       | 12.44 | 49.90       | 15.41 | 53.80       | 16.77 | 58.10       | 18.39 | 61.80       | 19.84 | 64.60       | 21.02 |
|        | 41                              | 32.30                        | 10.65 | 40.80       | 13.25 | 49.90       | 16.43 | 53.80       | 17.89 | 58.10       | 19.61 | 61.80       | 21.15 | 64.60       | 22.41 |
|        | 43                              | 32.30                        | 11.36 | 40.80       | 14.14 | 49.90       | 17.52 | 53.80       | 19.08 | 58.10       | 20.91 | 61.80       | 22.56 | 64.60       | 23.91 |
|        | 46                              | 32.30                        | 12.53 | 40.80       | 15.59 | 49.90       | 19.31 | 53.80       | 21.00 | 58.10       | 23.03 | 61.80       | 24.70 | 64.60       | 26.04 |
|        | 48                              | 32.30                        | 13.38 | 40.80       | 16.64 | 49.90       | 20.59 | 53.80       | 22.41 | 58.10       | 24.47 | 61.80       | 26.24 | 64.60       | 27.42 |
|        | 50                              | 32.30                        | 14.30 | 40.80       | 17.77 | 49.90       | 21.96 | 53.80       | 23.91 | 58.10       | 25.97 | 61.80       | 27.49 | 64.60       | 28.77 |
|        | 52                              | 32.30                        | 15.29 | 40.80       | 18.96 | 49.90       | 23.04 | 53.80       | 24.19 | 58.10       | 26.13 | 58.90       | 26.52 | 59.10       | 26.62 |
| 50     | 10                              | 26.90                        | 2.47  | 33.90       | 3.32  | 41.60       | 4.44  | 44.80       | 4.88  | 48.30       | 5.18  | 51.50       | 5.40  | 53.90       | 5.58  |
|        | 12                              | 26.90                        | 3.43  | 33.90       | 4.02  | 41.60       | 4.68  | 44.80       | 5.03  | 48.30       | 5.40  | 51.50       | 5.71  | 53.90       | 6.01  |
|        | 14                              | 26.90                        | 3.47  | 33.90       | 4.07  | 41.60       | 4.77  | 44.80       | 5.10  | 48.30       | 5.47  | 51.50       | 5.83  | 53.90       | 6.14  |
|        | 16                              | 26.90                        | 3.52  | 33.90       | 4.12  | 41.60       | 4.83  | 44.80       | 5.15  | 48.30       | 5.60  | 51.50       | 5.93  | 53.90       | 6.24  |
|        | 18                              | 26.90                        | 3.54  | 33.90       | 4.18  | 41.60       | 4.91  | 44.80       | 5.31  | 48.30       | 5.76  | 51.50       | 6.29  | 53.90       | 6.71  |
|        | 20                              | 26.90                        | 3.59  | 33.90       | 4.25  | 41.60       | 5.21  | 44.80       | 5.72  | 48.30       | 6.32  | 51.50       | 6.90  | 53.90       | 7.41  |
|        | 21                              | 26.90                        | 3.61  | 33.90       | 4.36  | 41.60       | 5.48  | 44.80       | 6.02  | 48.30       | 6.66  | 51.50       | 7.26  | 53.90       | 7.72  |
|        | 23                              | 26.90                        | 3.79  | 33.90       | 4.75  | 41.60       | 6.00  | 44.80       | 6.63  | 48.30       | 7.36  | 51.50       | 8.07  | 53.90       | 8.60  |
|        | 25                              | 26.90                        | 4.11  | 33.90       | 5.24  | 41.60       | 6.71  | 44.80       | 7.38  | 48.30       | 8.17  | 51.50       | 8.95  | 53.90       | 9.58  |
|        | 27                              | 26.90                        | 4.54  | 33.90       | 5.81  | 41.60       | 7.46  | 44.80       | 8.25  | 48.30       | 9.17  | 51.50       | 10.04 | 53.90       | 10.75 |
|        | 29                              | 26.90                        | 5.06  | 33.90       | 6.58  | 41.60       | 8.46  | 44.80       | 9.33  | 48.30       | 10.41 | 51.50       | 11.31 | 53.90       | 11.98 |
|        | 31                              | 26.90                        | 5.74  | 33.90       | 7.47  | 41.60       | 9.53  | 44.80       | 10.48 | 48.30       | 11.49 | 51.50       | 12.30 | 53.90       | 12.95 |
|        | 33                              | 26.90                        | 6.58  | 33.90       | 8.54  | 41.60       | 10.35 | 44.80       | 11.32 | 48.30       | 12.24 | 51.50       | 13.11 | 53.90       | 13.87 |
|        | 35                              | 26.90                        | 7.38  | 33.90       | 9.09  | 41.60       | 11.17 | 44.80       | 12.06 | 48.30       | 13.10 | 51.50       | 14.03 | 53.90       | 14.79 |
|        | 37                              | 26.90                        | 7.91  | 33.90       | 9.78  | 41.60       | 11.89 | 44.80       | 12.84 | 48.30       | 13.96 | 51.50       | 14.95 | 53.90       | 15.77 |
|        | 39                              | 26.90                        | 8.46  | 33.90       | 10.45 | 41.60       | 12.67 | 44.80       | 13.69 | 48.30       | 14.89 | 51.50       | 15.95 | 53.90       | 16.81 |
|        | 41                              | 26.90                        | 9.05  | 33.90       | 11.13 | 41.60       | 13.52 | 44.80       | 14.60 | 48.30       | 15.87 | 51.50       | 17.01 | 53.90       | 17.92 |
|        | 43                              | 26.90                        | 9.65  | 33.90       | 11.88 | 41.60       | 14.42 | 44.80       | 15.58 | 48.30       | 16.94 | 51.50       | 18.14 | 53.90       | 19.12 |
|        | 46                              | 26.90                        | 10.66 | 33.90       | 13.11 | 41.60       | 15.91 | 44.80       | 17.17 | 48.30       | 18.66 | 51.50       | 19.98 | 53.90       | 21.05 |
|        | 48                              | 26.90                        | 11.42 | 33.90       | 14.00 | 41.60       | 16.97 | 44.80       | 18.32 | 48.30       | 19.90 | 51.50       | 21.32 | 53.90       | 22.46 |
|        | 50                              | 26.90                        | 12.25 | 33.90       | 14.96 | 41.60       | 18.12 | 44.80       | 19.54 | 48.30       | 21.23 | 51.50       | 22.73 | 53.90       | 23.96 |
|        | 52                              | 26.90                        | 13.15 | 33.90       | 15.98 | 41.60       | 19.33 | 44.80       | 20.60 | 48.30       | 22.31 | 51.50       | 23.16 | 53.90       | 24.24 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM340LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 74.30                        | 7.64  | 93.90       | 10.56 | 114.9       | 15.42 | 123.7       | 17.88 | 133.6       | 21.12 | 142.1       | 24.03 | 148.5       | 26.39 |
|        | 12                              | 74.30                        | 8.32  | 93.90       | 11.61 | 114.9       | 16.84 | 123.7       | 19.44 | 133.6       | 22.79 | 142.1       | 25.61 | 148.4       | 27.82 |
|        | 14                              | 74.30                        | 8.83  | 93.90       | 12.75 | 114.9       | 18.39 | 123.7       | 21.14 | 133.6       | 24.28 | 142.1       | 27.16 | 148.3       | 29.41 |
|        | 16                              | 74.30                        | 9.43  | 93.90       | 14.02 | 114.9       | 20.09 | 123.7       | 22.77 | 133.6       | 26.07 | 142.1       | 28.98 | 148.1       | 31.17 |
|        | 18                              | 74.30                        | 10.34 | 93.90       | 15.30 | 114.9       | 21.70 | 123.7       | 24.64 | 133.6       | 28.03 | 142.1       | 30.82 | 147.8       | 32.65 |
|        | 20                              | 74.30                        | 11.44 | 93.90       | 16.77 | 114.9       | 23.64 | 123.7       | 26.54 | 133.6       | 29.76 | 142.1       | 32.64 | 147.5       | 34.03 |
|        | 21                              | 74.30                        | 12.01 | 93.90       | 17.52 | 114.9       | 24.50 | 123.7       | 27.43 | 133.6       | 30.68 | 142.1       | 33.44 | 147.3       | 34.76 |
|        | 23                              | 74.30                        | 13.28 | 93.90       | 19.33 | 114.9       | 26.32 | 123.7       | 29.28 | 133.6       | 32.77 | 142.1       | 34.89 | 146.8       | 36.10 |
|        | 25                              | 74.30                        | 14.75 | 93.90       | 21.03 | 114.9       | 28.08 | 123.7       | 31.08 | 133.6       | 34.21 | 141.6       | 36.22 | 146.3       | 37.47 |
|        | 27                              | 74.30                        | 16.25 | 93.90       | 22.54 | 114.9       | 29.79 | 123.7       | 33.04 | 133.6       | 35.79 | 141.0       | 37.73 | 145.8       | 39.05 |
|        | 29                              | 74.30                        | 17.40 | 93.90       | 23.95 | 114.9       | 31.75 | 123.7       | 34.70 | 133.6       | 37.50 | 140.5       | 39.44 | 145.2       | 40.84 |
|        | 31                              | 74.30                        | 18.51 | 93.90       | 25.47 | 114.9       | 33.64 | 123.7       | 36.51 | 133.6       | 39.40 | 139.8       | 41.39 | 144.5       | 42.92 |
|        | 33                              | 74.30                        | 19.70 | 93.90       | 27.10 | 114.9       | 35.61 | 123.7       | 38.47 | 133.1       | 41.44 | 138.2       | 43.23 | 139.0       | 43.36 |
|        | 35                              | 74.30                        | 20.96 | 93.90       | 28.85 | 114.9       | 37.59 | 123.7       | 40.64 | 131.1       | 43.14 | 132.1       | 43.30 | 132.9       | 43.43 |
|        | 37                              | 74.30                        | 22.31 | 93.90       | 30.72 | 114.9       | 39.77 | 122.9       | 42.36 | 123.9       | 42.56 | 123.8       | 42.54 | 123.8       | 42.53 |
|        | 39                              | 74.30                        | 23.74 | 93.90       | 32.65 | 114.2       | 40.39 | 114.6       | 40.52 | 114.7       | 40.52 | 114.6       | 40.52 | 114.6       | 40.50 |
|        | 41                              | 74.30                        | 25.28 | 93.90       | 34.22 | 105.8       | 38.45 | 105.6       | 38.43 | 105.6       | 38.40 | 105.5       | 38.38 | 105.6       | 38.40 |
|        | 43                              | 74.30                        | 26.94 | 93.90       | 35.31 | 97.00       | 36.44 | 96.80       | 36.44 | 96.80       | 36.39 | 96.80       | 36.43 | 96.80       | 36.41 |
|        | 46                              | 74.30                        | 29.13 | 84.60       | 33.71 | 84.40       | 33.68 | 84.40       | 33.66 | 84.40       | 33.68 | 84.30       | 33.65 | 84.40       | 33.65 |
|        | 48                              | 74.30                        | 30.93 | 76.70       | 31.94 | 76.50       | 31.90 | 76.60       | 31.90 | 76.70       | 31.95 | 76.50       | 31.89 | 76.50       | 31.91 |
|        | 50                              | 69.50                        | 29.97 | 69.40       | 29.92 | 69.20       | 29.87 | 69.20       | 29.87 | 69.20       | 29.86 | 69.10       | 29.84 | 69.10       | 29.83 |
|        | 52                              | 61.60                        | 26.28 | 62.00       | 25.77 | 62.30       | 24.95 | 62.30       | 24.78 | 62.30       | 24.59 | 62.30       | 24.40 | 62.30       | 24.29 |
| 120    | 10                              | 68.70                        | 7.01  | 86.70       | 9.32  | 106.1       | 13.14 | 114.2       | 15.24 | 123.4       | 17.79 | 131.2       | 20.27 | 137.3       | 22.40 |
|        | 12                              | 68.70                        | 7.60  | 86.70       | 10.23 | 106.1       | 14.43 | 114.2       | 16.66 | 123.4       | 19.34 | 131.2       | 21.93 | 137.3       | 24.01 |
|        | 14                              | 68.70                        | 8.01  | 86.70       | 11.23 | 106.1       | 15.84 | 114.2       | 18.20 | 123.4       | 21.03 | 131.2       | 23.51 | 137.3       | 25.53 |
|        | 16                              | 68.70                        | 8.25  | 86.70       | 12.22 | 106.1       | 17.37 | 114.2       | 19.87 | 123.4       | 22.64 | 131.2       | 25.18 | 137.3       | 27.34 |
|        | 18                              | 68.70                        | 9.06  | 86.70       | 13.40 | 106.1       | 19.06 | 114.2       | 21.51 | 123.4       | 24.42 | 131.2       | 27.15 | 137.3       | 29.22 |
|        | 20                              | 68.70                        | 9.98  | 86.70       | 14.71 | 106.1       | 20.69 | 114.2       | 23.42 | 123.4       | 26.34 | 131.2       | 29.00 | 137.3       | 30.96 |
|        | 21                              | 68.70                        | 10.52 | 86.70       | 15.38 | 106.1       | 21.67 | 114.2       | 24.29 | 123.4       | 27.20 | 131.2       | 29.92 | 137.3       | 32.13 |
|        | 23                              | 68.70                        | 11.69 | 86.70       | 16.93 | 106.1       | 23.48 | 114.2       | 26.11 | 123.4       | 29.14 | 131.2       | 31.90 | 137.3       | 33.72 |
|        | 25                              | 68.70                        | 13.03 | 86.70       | 18.67 | 106.1       | 25.13 | 114.2       | 27.88 | 123.4       | 30.93 | 131.2       | 33.56 | 137.3       | 35.15 |
|        | 27                              | 68.70                        | 14.55 | 86.70       | 20.10 | 106.1       | 26.89 | 114.2       | 29.57 | 123.4       | 32.95 | 131.2       | 35.13 | 137.3       | 36.72 |
|        | 29                              | 68.70                        | 15.74 | 86.70       | 21.37 | 106.1       | 28.47 | 114.2       | 31.49 | 123.4       | 34.60 | 131.2       | 36.84 | 137.1       | 38.41 |
|        | 31                              | 68.70                        | 16.74 | 86.70       | 22.73 | 106.1       | 30.16 | 114.2       | 33.36 | 123.4       | 36.40 | 131.2       | 38.71 | 136.5       | 40.27 |
|        | 33                              | 68.70                        | 17.81 | 86.70       | 24.18 | 106.1       | 31.98 | 114.2       | 35.38 | 123.4       | 38.36 | 131.2       | 40.79 | 135.8       | 42.37 |
|        | 35                              | 68.70                        | 18.95 | 86.70       | 25.73 | 106.1       | 33.96 | 114.2       | 37.35 | 123.4       | 40.53 | 130.7       | 43.04 | 131.7       | 43.25 |
|        | 37                              | 68.70                        | 20.17 | 86.70       | 27.40 | 106.1       | 36.12 | 114.2       | 39.51 | 122.9       | 42.34 | 123.9       | 42.56 | 123.8       | 42.55 |
|        | 39                              | 68.70                        | 21.46 | 86.70       | 29.20 | 106.1       | 37.63 | 113.9       | 40.32 | 114.7       | 40.54 | 114.6       | 40.52 | 114.6       | 40.51 |
|        | 41                              | 68.70                        | 22.84 | 86.70       | 31.15 | 105.6       | 38.38 | 105.7       | 38.43 | 105.6       | 38.40 | 105.5       | 38.38 | 105.6       | 38.39 |
|        | 43                              | 68.70                        | 24.33 | 86.70       | 32.55 | 97.00       | 36.46 | 97.00       | 36.44 | 96.80       | 36.41 | 96.90       | 36.42 | 96.80       | 36.42 |
|        | 46                              | 68.70                        | 26.76 | 84.50       | 33.72 | 84.40       | 33.65 | 84.40       | 33.65 | 84.40       | 33.67 | 84.40       | 33.64 | 84.40       | 33.63 |
|        | 48                              | 68.70                        | 28.28 | 76.70       | 31.93 | 76.60       | 31.93 | 76.70       | 31.94 | 76.50       | 31.90 | 76.50       | 31.89 | 76.50       | 31.87 |
|        | 50                              | 68.20                        | 29.39 | 69.40       | 29.92 | 69.20       | 29.88 | 69.20       | 29.88 | 69.20       | 29.87 | 69.20       | 29.87 | 69.00       | 29.77 |
|        | 52                              | 61.50                        | 26.23 | 61.80       | 26.13 | 62.30       | 25.30 | 62.30       | 25.13 | 62.30       | 24.94 | 62.30       | 24.80 | 62.30       | 24.71 |
| 110    | 10                              | 62.90                        | 6.48  | 79.40       | 8.28  | 97.20       | 11.21 | 104.7       | 12.82 | 113.1       | 14.96 | 120.2       | 16.88 | 125.8       | 18.54 |
|        | 12                              | 62.90                        | 6.98  | 79.40       | 9.04  | 97.20       | 12.31 | 104.7       | 14.08 | 113.1       | 16.36 | 120.2       | 18.39 | 125.8       | 20.14 |
|        | 14                              | 62.90                        | 7.15  | 79.40       | 9.74  | 97.20       | 13.53 | 104.7       | 15.46 | 113.1       | 17.88 | 120.2       | 20.03 | 125.8       | 21.86 |
|        | 16                              | 62.90                        | 7.31  | 79.40       | 10.56 | 97.20       | 14.87 | 104.7       | 16.97 | 113.1       | 19.54 | 120.2       | 21.63 | 125.8       | 23.48 |
|        | 18                              | 62.90                        | 7.86  | 79.40       | 11.57 | 97.20       | 16.34 | 104.7       | 18.61 | 113.1       | 21.11 | 120.2       | 23.45 | 125.8       | 25.29 |
|        | 20                              | 62.90                        | 8.67  | 79.40       | 12.82 | 97.20       | 17.79 | 104.7       | 20.26 | 113.1       | 23.00 | 120.2       | 25.41 | 125.8       | 27.17 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 62.90                        | 9.16  | 79.40       | 13.42 | 97.20       | 18.58 | 104.7       | 21.21 | 113.1       | 23.98 | 120.2       | 26.27 | 125.8       | 28.14 |
|        | 23                              | 62.90                        | 10.17 | 79.40       | 14.79 | 97.20       | 20.47 | 104.7       | 22.99 | 113.1       | 25.70 | 120.2       | 28.08 | 125.8       | 30.01 |
|        | 25                              | 62.90                        | 11.38 | 79.40       | 16.26 | 97.20       | 22.05 | 104.7       | 24.72 | 113.1       | 27.47 | 120.2       | 29.90 | 125.8       | 31.80 |
|        | 27                              | 62.90                        | 12.78 | 79.40       | 17.77 | 97.20       | 23.73 | 104.7       | 26.27 | 113.1       | 29.15 | 120.2       | 31.68 | 125.8       | 33.66 |
|        | 29                              | 62.90                        | 14.18 | 79.40       | 18.98 | 97.20       | 25.21 | 104.7       | 27.98 | 113.1       | 31.08 | 120.2       | 33.68 | 125.8       | 35.33 |
|        | 31                              | 62.90                        | 15.08 | 79.40       | 20.19 | 97.20       | 26.81 | 104.7       | 29.65 | 113.1       | 32.92 | 120.2       | 35.45 | 125.8       | 37.16 |
|        | 33                              | 62.90                        | 16.04 | 79.40       | 21.47 | 97.20       | 28.51 | 104.7       | 31.43 | 113.1       | 34.92 | 120.2       | 37.37 | 125.8       | 39.16 |
|        | 35                              | 62.90                        | 17.06 | 79.40       | 22.85 | 97.20       | 30.25 | 104.7       | 33.37 | 113.1       | 36.97 | 120.2       | 39.46 | 125.8       | 41.37 |
|        | 37                              | 62.90                        | 18.15 | 79.40       | 24.32 | 97.20       | 32.14 | 104.7       | 35.48 | 113.1       | 39.10 | 120.2       | 41.78 | 123.8       | 42.53 |
|        | 39                              | 62.90                        | 19.32 | 79.40       | 25.90 | 97.20       | 34.17 | 104.7       | 37.15 | 113.1       | 40.04 | 114.6       | 40.52 | 114.8       | 40.55 |
|        | 41                              | 62.90                        | 20.57 | 79.40       | 27.60 | 97.20       | 35.41 | 104.7       | 38.08 | 105.7       | 38.44 | 105.6       | 38.41 | 105.6       | 38.41 |
|        | 43                              | 62.90                        | 21.90 | 79.40       | 29.43 | 96.90       | 36.43 | 97.00       | 36.47 | 97.00       | 36.45 | 96.80       | 36.42 | 96.90       | 36.43 |
|        | 46                              | 62.90                        | 24.06 | 79.40       | 31.41 | 84.40       | 33.71 | 84.40       | 33.70 | 84.40       | 33.68 | 84.40       | 33.69 | 84.30       | 33.66 |
|        | 48                              | 62.90                        | 25.63 | 76.70       | 31.98 | 76.70       | 31.96 | 76.70       | 31.96 | 76.60       | 31.92 | 76.60       | 31.93 | 76.60       | 31.93 |
|        | 50                              | 62.90                        | 27.14 | 69.40       | 29.95 | 69.30       | 29.90 | 69.20       | 29.88 | 69.20       | 29.87 | 69.20       | 29.87 | 69.20       | 29.87 |
|        | 52                              | 61.30                        | 26.14 | 61.60       | 26.31 | 62.20       | 25.72 | 62.20       | 25.54 | 62.30       | 25.38 | 62.10       | 25.22 | 62.30       | 25.03 |
| 100    | 10                              | 57.20                        | 5.75  | 72.20       | 7.40  | 88.40       | 9.60  | 95.20       | 10.81 | 102.8       | 12.39 | 109.3       | 13.96 | 114.4       | 15.30 |
|        | 12                              | 57.20                        | 6.33  | 72.20       | 8.05  | 88.40       | 10.54 | 95.20       | 11.87 | 102.8       | 13.61 | 109.3       | 15.32 | 114.4       | 16.72 |
|        | 14                              | 57.20                        | 6.44  | 72.20       | 8.54  | 88.40       | 11.57 | 95.20       | 13.05 | 102.8       | 14.95 | 109.3       | 16.79 | 114.4       | 18.27 |
|        | 16                              | 57.20                        | 6.54  | 72.20       | 8.98  | 88.40       | 12.62 | 95.20       | 14.34 | 102.8       | 16.42 | 109.3       | 18.41 | 114.4       | 19.95 |
|        | 18                              | 57.20                        | 6.83  | 72.20       | 9.89  | 88.40       | 13.83 | 95.20       | 15.64 | 102.8       | 18.02 | 109.3       | 20.00 | 114.4       | 21.55 |
|        | 20                              | 57.20                        | 7.51  | 72.20       | 10.87 | 88.40       | 15.17 | 95.20       | 17.13 | 102.8       | 19.58 | 109.3       | 21.75 | 114.4       | 23.47 |
|        | 21                              | 57.20                        | 7.91  | 72.20       | 11.41 | 88.40       | 15.87 | 95.20       | 17.98 | 102.8       | 20.51 | 109.3       | 22.75 | 114.4       | 24.42 |
|        | 23                              | 57.20                        | 8.84  | 72.20       | 12.64 | 88.40       | 17.45 | 95.20       | 19.74 | 102.8       | 22.33 | 109.3       | 24.48 | 114.4       | 26.16 |
|        | 25                              | 57.20                        | 9.87  | 72.20       | 14.12 | 88.40       | 19.21 | 95.20       | 21.48 | 102.8       | 24.06 | 109.3       | 26.25 | 114.4       | 27.91 |
|        | 27                              | 57.20                        | 11.07 | 72.20       | 15.64 | 88.40       | 20.65 | 95.20       | 23.00 | 102.8       | 25.79 | 109.3       | 28.04 | 114.4       | 29.61 |
|        | 29                              | 57.20                        | 12.55 | 72.20       | 16.77 | 88.40       | 21.96 | 95.20       | 24.44 | 102.8       | 27.32 | 109.3       | 29.68 | 114.4       | 31.59 |
|        | 31                              | 57.20                        | 13.53 | 72.20       | 17.84 | 88.40       | 23.36 | 95.20       | 25.98 | 102.8       | 28.94 | 109.3       | 31.43 | 114.4       | 33.45 |
|        | 33                              | 57.20                        | 14.39 | 72.20       | 18.98 | 88.40       | 24.85 | 95.20       | 27.64 | 102.8       | 30.68 | 109.3       | 33.33 | 114.4       | 35.46 |
|        | 35                              | 57.20                        | 15.30 | 72.20       | 20.20 | 88.40       | 26.44 | 95.20       | 29.42 | 102.8       | 32.58 | 109.3       | 35.41 | 114.4       | 37.44 |
|        | 37                              | 57.20                        | 16.27 | 72.20       | 21.49 | 88.40       | 28.16 | 95.20       | 31.26 | 102.8       | 34.63 | 109.3       | 37.70 | 114.4       | 39.60 |
|        | 39                              | 57.20                        | 17.31 | 72.20       | 22.87 | 88.40       | 30.02 | 95.20       | 33.24 | 102.8       | 36.51 | 109.3       | 38.76 | 114.0       | 40.35 |
|        | 41                              | 57.20                        | 18.43 | 72.20       | 24.36 | 88.40       | 32.04 | 95.20       | 34.68 | 102.8       | 37.41 | 105.6       | 38.43 | 105.7       | 38.43 |
|        | 43                              | 57.20                        | 19.62 | 72.20       | 25.94 | 88.40       | 33.26 | 95.20       | 35.78 | 96.80       | 36.43 | 97.00       | 36.46 | 97.00       | 36.45 |
|        | 46                              | 57.20                        | 21.55 | 72.20       | 28.19 | 84.50       | 33.71 | 84.50       | 33.70 | 84.50       | 33.69 | 84.50       | 33.70 | 84.40       | 33.68 |
|        | 48                              | 57.20                        | 22.95 | 72.20       | 29.93 | 76.80       | 31.97 | 76.60       | 31.95 | 76.70       | 31.96 | 76.60       | 31.93 | 76.70       | 31.94 |
|        | 50                              | 57.20                        | 24.45 | 69.40       | 29.93 | 69.30       | 29.90 | 69.30       | 29.90 | 69.20       | 29.87 | 69.20       | 29.87 | 69.20       | 29.87 |
|        | 52                              | 57.20                        | 25.29 | 61.40       | 26.23 | 61.70       | 26.18 | 62.00       | 25.94 | 62.10       | 25.67 | 62.30       | 25.41 | 62.30       | 25.22 |
| 90     | 10                              | 51.50                        | 5.13  | 65.00       | 6.67  | 79.50       | 8.28  | 85.70       | 9.17  | 92.50       | 10.32 | 98.40       | 11.44 | 103.0       | 12.43 |
|        | 12                              | 51.50                        | 5.62  | 65.00       | 7.19  | 79.50       | 9.06  | 85.70       | 10.06 | 92.50       | 11.34 | 98.40       | 12.58 | 103.0       | 13.66 |
|        | 14                              | 51.50                        | 5.68  | 65.00       | 7.42  | 79.50       | 9.76  | 85.70       | 11.03 | 92.50       | 12.46 | 98.40       | 13.82 | 103.0       | 15.00 |
|        | 16                              | 51.50                        | 5.82  | 65.00       | 7.59  | 79.50       | 10.57 | 85.70       | 12.02 | 92.50       | 13.68 | 98.40       | 15.19 | 103.0       | 16.47 |
|        | 18                              | 51.50                        | 5.90  | 65.00       | 8.32  | 79.50       | 11.59 | 85.70       | 13.12 | 92.50       | 14.91 | 98.40       | 16.68 | 103.0       | 17.96 |
|        | 20                              | 51.50                        | 6.49  | 65.00       | 9.19  | 79.50       | 12.83 | 85.70       | 14.41 | 92.50       | 16.34 | 98.40       | 18.16 | 103.0       | 19.68 |
|        | 21                              | 51.50                        | 6.80  | 65.00       | 9.66  | 79.50       | 13.43 | 85.70       | 15.08 | 92.50       | 17.16 | 98.40       | 19.03 | 103.0       | 20.54 |
|        | 23                              | 51.50                        | 7.55  | 65.00       | 10.71 | 79.50       | 14.81 | 85.70       | 16.60 | 92.50       | 18.85 | 98.40       | 20.86 | 103.0       | 22.41 |
|        | 25                              | 51.50                        | 8.46  | 65.00       | 11.95 | 79.50       | 16.35 | 85.70       | 18.36 | 92.50       | 20.57 | 98.40       | 22.62 | 103.0       | 24.16 |
|        | 27                              | 51.50                        | 9.50  | 65.00       | 13.46 | 79.50       | 17.80 | 85.70       | 19.76 | 92.50       | 22.07 | 98.40       | 24.17 | 103.0       | 25.85 |
|        | 29                              | 51.50                        | 10.75 | 65.00       | 14.74 | 79.50       | 19.01 | 85.70       | 21.02 | 92.50       | 23.46 | 98.40       | 25.68 | 103.0       | 27.38 |
|        | 31                              | 51.50                        | 12.10 | 65.00       | 15.68 | 79.50       | 20.22 | 85.70       | 22.36 | 92.50       | 24.94 | 98.40       | 27.30 | 103.0       | 29.01 |
|        | 33                              | 51.50                        | 12.84 | 65.00       | 16.67 | 79.50       | 21.51 | 85.70       | 23.79 | 92.50       | 26.54 | 98.40       | 28.96 | 103.0       | 30.76 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 51.50                        | 13.65 | 65.00       | 17.74 | 79.50       | 22.89 | 85.70       | 25.32 | 92.50       | 28.25 | 98.40       | 30.74 | 103.0       | 32.65 |
|        | 37                              | 51.50                        | 14.51 | 65.00       | 18.87 | 79.50       | 24.37 | 85.70       | 26.95 | 92.50       | 30.10 | 98.40       | 32.65 | 103.0       | 34.71 |
|        | 39                              | 51.50                        | 15.44 | 65.00       | 20.08 | 79.50       | 25.95 | 85.70       | 28.72 | 92.50       | 32.04 | 98.40       | 34.74 | 103.0       | 36.58 |
|        | 41                              | 51.50                        | 16.43 | 65.00       | 21.37 | 79.50       | 27.64 | 85.70       | 30.64 | 92.50       | 33.74 | 98.40       | 35.84 | 103.0       | 37.48 |
|        | 43                              | 51.50                        | 17.49 | 65.00       | 22.76 | 79.50       | 29.48 | 85.70       | 32.11 | 92.50       | 34.80 | 97.00       | 36.45 | 97.00       | 36.44 |
|        | 46                              | 51.50                        | 19.21 | 65.00       | 25.01 | 79.50       | 31.45 | 84.50       | 33.72 | 84.50       | 33.69 | 84.40       | 33.69 | 84.50       | 33.71 |
|        | 48                              | 51.50                        | 20.46 | 65.00       | 26.66 | 76.70       | 31.97 | 76.70       | 31.97 | 76.70       | 31.95 | 76.70       | 31.95 | 76.60       | 31.93 |
|        | 50                              | 51.50                        | 21.78 | 65.00       | 28.11 | 69.30       | 29.94 | 69.30       | 29.93 | 69.40       | 29.92 | 69.30       | 29.89 | 69.30       | 29.90 |
|        | 52                              | 51.50                        | 23.21 | 61.20       | 26.15 | 61.70       | 26.43 | 61.90       | 26.18 | 62.00       | 25.90 | 62.10       | 25.63 | 62.30       | 25.45 |
| 80     | 10                              | 45.70                        | 4.55  | 57.80       | 5.82  | 70.70       | 7.23  | 76.10       | 7.85  | 82.30       | 8.66  | 87.40       | 9.45  | 91.60       | 10.14 |
|        | 12                              | 45.70                        | 5.01  | 57.80       | 6.37  | 70.70       | 7.85  | 76.10       | 8.57  | 82.30       | 9.48  | 87.40       | 10.37 | 91.60       | 11.13 |
|        | 14                              | 45.70                        | 5.06  | 57.80       | 6.49  | 70.70       | 8.30  | 76.10       | 9.15  | 82.30       | 10.25 | 87.40       | 11.38 | 91.60       | 12.24 |
|        | 16                              | 45.70                        | 5.15  | 57.80       | 6.60  | 70.70       | 8.66  | 76.10       | 9.81  | 82.30       | 11.27 | 87.40       | 12.43 | 91.60       | 13.45 |
|        | 18                              | 45.70                        | 5.26  | 57.80       | 6.94  | 70.70       | 9.52  | 76.10       | 10.80 | 82.30       | 12.30 | 87.40       | 13.57 | 91.60       | 14.69 |
|        | 20                              | 45.70                        | 5.54  | 57.80       | 7.63  | 70.70       | 10.50 | 76.10       | 11.88 | 82.30       | 13.52 | 87.40       | 14.89 | 91.60       | 16.10 |
|        | 21                              | 45.70                        | 5.80  | 57.80       | 8.03  | 70.70       | 11.04 | 76.10       | 12.46 | 82.30       | 14.16 | 87.40       | 15.65 | 91.60       | 16.83 |
|        | 23                              | 45.70                        | 6.44  | 57.80       | 8.94  | 70.70       | 12.23 | 76.10       | 13.87 | 82.30       | 15.60 | 87.40       | 17.15 | 91.60       | 18.49 |
|        | 25                              | 45.70                        | 7.18  | 57.80       | 9.99  | 70.70       | 13.70 | 76.10       | 15.25 | 82.30       | 17.22 | 87.40       | 18.92 | 91.60       | 20.24 |
|        | 27                              | 45.70                        | 8.11  | 57.80       | 11.25 | 70.70       | 15.22 | 76.10       | 16.77 | 82.30       | 18.66 | 87.40       | 20.37 | 91.60       | 21.73 |
|        | 29                              | 45.70                        | 9.22  | 57.80       | 12.69 | 70.70       | 16.32 | 76.10       | 17.95 | 82.30       | 19.89 | 87.40       | 21.65 | 91.60       | 23.11 |
|        | 31                              | 45.70                        | 10.47 | 57.80       | 13.68 | 70.70       | 17.37 | 76.10       | 19.09 | 82.30       | 21.16 | 87.40       | 23.03 | 91.60       | 24.56 |
|        | 33                              | 45.70                        | 11.41 | 57.80       | 14.55 | 70.70       | 18.48 | 76.10       | 20.31 | 82.30       | 22.51 | 87.40       | 24.50 | 91.60       | 26.13 |
|        | 35                              | 45.70                        | 12.11 | 57.80       | 15.47 | 70.70       | 19.66 | 76.10       | 21.60 | 82.30       | 23.95 | 87.40       | 26.06 | 91.60       | 27.82 |
|        | 37                              | 45.70                        | 12.87 | 57.80       | 16.45 | 70.70       | 20.92 | 76.10       | 23.00 | 82.30       | 25.49 | 87.40       | 27.76 | 91.60       | 29.64 |
|        | 39                              | 45.70                        | 13.68 | 57.80       | 17.51 | 70.70       | 22.26 | 76.10       | 24.48 | 82.30       | 27.15 | 87.40       | 29.59 | 91.60       | 31.61 |
|        | 41                              | 45.70                        | 14.56 | 57.80       | 18.63 | 70.70       | 23.71 | 76.10       | 26.08 | 82.30       | 28.94 | 87.40       | 31.57 | 91.60       | 33.38 |
|        | 43                              | 45.70                        | 15.50 | 57.80       | 19.84 | 70.70       | 25.25 | 76.10       | 27.79 | 82.30       | 30.63 | 87.40       | 32.91 | 91.60       | 34.44 |
|        | 46                              | 45.70                        | 17.02 | 57.80       | 21.80 | 70.70       | 27.53 | 76.10       | 29.92 | 82.30       | 32.71 | 84.50       | 33.71 | 84.40       | 33.69 |
|        | 48                              | 45.70                        | 18.14 | 57.80       | 23.21 | 70.70       | 29.22 | 75.80       | 31.59 | 76.70       | 31.97 | 76.70       | 31.95 | 76.60       | 31.92 |
|        | 50                              | 45.70                        | 19.32 | 57.80       | 24.73 | 69.30       | 29.91 | 69.30       | 29.92 | 69.30       | 29.92 | 69.40       | 29.91 | 69.20       | 29.88 |
|        | 52                              | 45.70                        | 20.58 | 57.80       | 25.56 | 61.50       | 26.25 | 61.70       | 26.32 | 61.80       | 26.21 | 61.90       | 25.95 | 62.10       | 25.75 |
| 70     | 10                              | 40.10                        | 3.79  | 50.50       | 5.05  | 61.90       | 6.35  | 66.60       | 6.82  | 71.90       | 7.37  | 76.50       | 7.90  | 80.10       | 8.36  |
|        | 12                              | 40.10                        | 4.45  | 50.50       | 5.49  | 61.90       | 6.88  | 66.60       | 7.38  | 71.90       | 8.01  | 76.50       | 8.62  | 80.10       | 9.15  |
|        | 14                              | 40.10                        | 4.52  | 50.50       | 5.63  | 61.90       | 7.01  | 66.60       | 7.68  | 71.90       | 8.46  | 76.50       | 9.23  | 80.10       | 9.87  |
|        | 16                              | 40.10                        | 4.58  | 50.50       | 5.69  | 61.90       | 7.16  | 66.60       | 7.91  | 71.90       | 8.93  | 76.50       | 9.90  | 80.10       | 10.72 |
|        | 18                              | 40.10                        | 4.64  | 50.50       | 5.83  | 61.90       | 7.70  | 66.60       | 8.66  | 71.90       | 9.79  | 76.50       | 10.87 | 80.10       | 11.71 |
|        | 20                              | 40.10                        | 4.72  | 50.50       | 6.33  | 61.90       | 8.45  | 66.60       | 9.53  | 71.90       | 10.77 | 76.50       | 11.92 | 80.10       | 12.97 |
|        | 21                              | 40.10                        | 4.95  | 50.50       | 6.66  | 61.90       | 8.90  | 66.60       | 10.06 | 71.90       | 11.34 | 76.50       | 12.60 | 80.10       | 13.57 |
|        | 23                              | 40.10                        | 5.44  | 50.50       | 7.34  | 61.90       | 9.92  | 66.60       | 11.14 | 71.90       | 12.62 | 76.50       | 13.93 | 80.10       | 14.96 |
|        | 25                              | 40.10                        | 6.05  | 50.50       | 8.25  | 61.90       | 11.12 | 66.60       | 12.48 | 71.90       | 14.02 | 76.50       | 15.39 | 80.10       | 16.52 |
|        | 27                              | 40.10                        | 6.80  | 50.50       | 9.31  | 61.90       | 12.47 | 66.60       | 13.93 | 71.90       | 15.58 | 76.50       | 16.89 | 80.10       | 17.97 |
|        | 29                              | 40.10                        | 7.73  | 50.50       | 10.56 | 61.90       | 13.89 | 66.60       | 15.18 | 71.90       | 16.69 | 76.50       | 18.07 | 80.10       | 19.19 |
|        | 31                              | 40.10                        | 8.82  | 50.50       | 11.87 | 61.90       | 14.78 | 66.60       | 16.14 | 71.90       | 17.77 | 76.50       | 19.22 | 80.10       | 20.42 |
|        | 33                              | 40.10                        | 10.01 | 50.50       | 12.61 | 61.90       | 15.72 | 66.60       | 17.17 | 71.90       | 18.89 | 76.50       | 20.45 | 80.10       | 21.72 |
|        | 35                              | 40.10                        | 10.69 | 50.50       | 13.39 | 61.90       | 16.73 | 66.60       | 18.27 | 71.90       | 20.10 | 76.50       | 21.75 | 80.10       | 23.11 |
|        | 37                              | 40.10                        | 11.35 | 50.50       | 14.23 | 61.90       | 17.79 | 66.60       | 19.44 | 71.90       | 21.40 | 76.50       | 23.15 | 80.10       | 24.60 |
|        | 39                              | 40.10                        | 12.05 | 50.50       | 15.14 | 61.90       | 18.94 | 66.60       | 20.69 | 71.90       | 22.77 | 76.50       | 24.65 | 80.10       | 26.20 |
|        | 41                              | 40.10                        | 12.81 | 50.50       | 16.12 | 61.90       | 20.15 | 66.60       | 22.03 | 71.90       | 24.25 | 76.50       | 26.26 | 80.10       | 27.91 |
|        | 43                              | 40.10                        | 13.64 | 50.50       | 17.16 | 61.90       | 21.46 | 66.60       | 23.45 | 71.90       | 25.83 | 76.50       | 27.98 | 80.10       | 29.76 |
|        | 46                              | 40.10                        | 14.98 | 50.50       | 18.84 | 61.90       | 23.58 | 66.60       | 25.78 | 71.90       | 28.09 | 76.50       | 30.09 | 80.10       | 31.72 |
|        | 48                              | 40.10                        | 15.97 | 50.50       | 20.07 | 61.90       | 25.12 | 66.60       | 27.48 | 71.90       | 29.82 | 76.00       | 31.67 | 76.80       | 31.98 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 40.10                        | 17.01 | 50.50       | 21.37 | 61.90       | 26.77 | 66.60       | 28.73 | 69.40       | 29.94 | 69.30       | 29.90 | 69.30       | 29.92 |
|        | 52                              | 40.10                        | 18.13 | 50.50       | 22.76 | 61.20       | 26.10 | 61.30       | 26.19 | 61.60       | 26.29 | 61.70       | 26.35 | 61.80       | 26.15 |
| 60     | 10                              | 34.30                        | 3.06  | 43.30       | 4.20  | 53.00       | 5.29  | 57.10       | 5.74  | 61.70       | 6.32  | 65.60       | 6.72  | 68.70       | 7.02  |
|        | 12                              | 34.30                        | 3.95  | 43.30       | 4.76  | 53.00       | 5.78  | 57.10       | 6.31  | 61.70       | 6.86  | 65.60       | 7.26  | 68.70       | 7.61  |
|        | 14                              | 34.30                        | 4.00  | 43.30       | 4.83  | 53.00       | 5.91  | 57.10       | 6.42  | 61.70       | 7.01  | 65.60       | 7.50  | 68.70       | 7.99  |
|        | 16                              | 34.30                        | 4.05  | 43.30       | 4.88  | 53.00       | 5.98  | 57.10       | 6.52  | 61.70       | 7.16  | 65.60       | 7.71  | 68.70       | 8.28  |
|        | 18                              | 34.30                        | 4.10  | 43.30       | 5.01  | 53.00       | 6.16  | 57.10       | 6.81  | 61.70       | 7.65  | 65.60       | 8.43  | 68.70       | 9.04  |
|        | 20                              | 34.30                        | 4.15  | 43.30       | 5.18  | 53.00       | 6.74  | 57.10       | 7.49  | 61.70       | 8.46  | 65.60       | 9.29  | 68.70       | 10.05 |
|        | 21                              | 34.30                        | 4.20  | 43.30       | 5.41  | 53.00       | 7.11  | 57.10       | 7.89  | 61.70       | 8.89  | 65.60       | 9.77  | 68.70       | 10.56 |
|        | 23                              | 34.30                        | 4.57  | 43.30       | 6.00  | 53.00       | 7.92  | 57.10       | 8.83  | 61.70       | 9.88  | 65.60       | 10.86 | 68.70       | 11.68 |
|        | 25                              | 34.30                        | 5.05  | 43.30       | 6.70  | 53.00       | 8.82  | 57.10       | 9.85  | 61.70       | 11.04 | 65.60       | 12.15 | 68.70       | 13.00 |
|        | 27                              | 34.30                        | 5.64  | 43.30       | 7.52  | 53.00       | 9.91  | 57.10       | 11.06 | 61.70       | 12.36 | 65.60       | 13.62 | 68.70       | 14.53 |
|        | 29                              | 34.30                        | 6.40  | 43.30       | 8.56  | 53.00       | 11.21 | 57.10       | 12.52 | 61.70       | 13.85 | 65.60       | 14.91 | 68.70       | 15.74 |
|        | 31                              | 34.30                        | 7.35  | 43.30       | 9.80  | 53.00       | 12.47 | 57.10       | 13.51 | 61.70       | 14.75 | 65.60       | 15.85 | 68.70       | 16.74 |
|        | 33                              | 34.30                        | 8.49  | 43.30       | 10.84 | 53.00       | 13.24 | 57.10       | 14.36 | 61.70       | 15.68 | 65.60       | 16.86 | 68.70       | 17.82 |
|        | 35                              | 34.30                        | 9.31  | 43.30       | 11.50 | 53.00       | 14.08 | 57.10       | 15.27 | 61.70       | 16.68 | 65.60       | 17.94 | 68.70       | 18.96 |
|        | 37                              | 34.30                        | 9.86  | 43.30       | 12.20 | 53.00       | 14.97 | 57.10       | 16.24 | 61.70       | 17.74 | 65.60       | 19.08 | 68.70       | 20.17 |
|        | 39                              | 34.30                        | 10.54 | 43.30       | 12.98 | 53.00       | 15.93 | 57.10       | 17.28 | 61.70       | 18.88 | 65.60       | 20.31 | 68.70       | 21.47 |
|        | 41                              | 34.30                        | 11.20 | 43.30       | 13.80 | 53.00       | 16.96 | 57.10       | 18.40 | 61.70       | 20.10 | 65.60       | 21.62 | 68.70       | 22.86 |
|        | 43                              | 34.30                        | 11.91 | 43.30       | 14.69 | 53.00       | 18.05 | 57.10       | 19.58 | 61.70       | 21.39 | 65.60       | 23.02 | 68.70       | 24.34 |
|        | 46                              | 34.30                        | 13.09 | 43.30       | 16.14 | 53.00       | 19.83 | 57.10       | 21.51 | 61.70       | 23.51 | 65.60       | 25.30 | 68.70       | 26.77 |
|        | 48                              | 34.30                        | 13.95 | 43.30       | 17.19 | 53.00       | 21.11 | 57.10       | 22.90 | 61.70       | 25.04 | 65.60       | 26.96 | 68.70       | 28.30 |
|        | 50                              | 34.30                        | 14.86 | 43.30       | 18.32 | 53.00       | 22.48 | 57.10       | 24.40 | 61.70       | 26.69 | 65.60       | 28.39 | 68.20       | 29.41 |
|        | 52                              | 34.30                        | 15.86 | 43.30       | 19.52 | 53.00       | 23.94 | 57.10       | 25.24 | 61.10       | 26.06 | 61.40       | 26.19 | 61.50       | 26.25 |
| 50     | 10                              | 28.60                        | 2.49  | 36.10       | 3.27  | 44.20       | 4.32  | 47.60       | 4.72  | 51.40       | 5.13  | 54.70       | 5.47  | 57.30       | 5.75  |
|        | 12                              | 28.60                        | 3.36  | 36.10       | 4.10  | 44.20       | 4.83  | 47.60       | 5.22  | 51.40       | 5.63  | 54.70       | 5.99  | 57.30       | 6.32  |
|        | 14                              | 28.60                        | 3.51  | 36.10       | 4.15  | 44.20       | 4.92  | 47.60       | 5.28  | 51.40       | 5.69  | 54.70       | 6.09  | 57.30       | 6.43  |
|        | 16                              | 28.60                        | 3.56  | 36.10       | 4.20  | 44.20       | 5.01  | 47.60       | 5.36  | 51.40       | 5.83  | 54.70       | 6.23  | 57.30       | 6.53  |
|        | 18                              | 28.60                        | 3.58  | 36.10       | 4.26  | 44.20       | 5.06  | 47.60       | 5.47  | 51.40       | 5.92  | 54.70       | 6.41  | 57.30       | 6.85  |
|        | 20                              | 28.60                        | 3.63  | 36.10       | 4.33  | 44.20       | 5.29  | 47.60       | 5.83  | 51.40       | 6.43  | 54.70       | 7.04  | 57.30       | 7.58  |
|        | 21                              | 28.60                        | 3.65  | 36.10       | 4.40  | 44.20       | 5.58  | 47.60       | 6.13  | 51.40       | 6.79  | 54.70       | 7.42  | 57.30       | 7.93  |
|        | 23                              | 28.60                        | 3.82  | 36.10       | 4.82  | 44.20       | 6.13  | 47.60       | 6.77  | 51.40       | 7.56  | 54.70       | 8.27  | 57.30       | 8.84  |
|        | 25                              | 28.60                        | 4.18  | 36.10       | 5.35  | 44.20       | 6.89  | 47.60       | 7.60  | 51.40       | 8.43  | 54.70       | 9.20  | 57.30       | 9.85  |
|        | 27                              | 28.60                        | 4.65  | 36.10       | 5.98  | 44.20       | 7.74  | 47.60       | 8.52  | 51.40       | 9.48  | 54.70       | 10.38 | 57.30       | 11.08 |
|        | 29                              | 28.60                        | 5.23  | 36.10       | 6.85  | 44.20       | 8.76  | 47.60       | 9.68  | 51.40       | 10.78 | 54.70       | 11.77 | 57.30       | 12.56 |
|        | 31                              | 28.60                        | 5.98  | 36.10       | 7.78  | 44.20       | 10.01 | 47.60       | 11.03 | 51.40       | 12.08 | 54.70       | 12.88 | 57.30       | 13.54 |
|        | 33                              | 28.60                        | 6.94  | 36.10       | 9.03  | 44.20       | 10.97 | 47.60       | 11.86 | 51.40       | 12.82 | 54.70       | 13.69 | 57.30       | 14.39 |
|        | 35                              | 28.60                        | 7.96  | 36.10       | 9.70  | 44.20       | 11.71 | 47.60       | 12.59 | 51.40       | 13.63 | 54.70       | 14.56 | 57.30       | 15.30 |
|        | 37                              | 28.60                        | 8.54  | 36.10       | 10.36 | 44.20       | 12.43 | 47.60       | 13.38 | 51.40       | 14.49 | 54.70       | 15.47 | 57.30       | 16.28 |
|        | 39                              | 28.60                        | 9.05  | 36.10       | 11.00 | 44.20       | 13.22 | 47.60       | 14.23 | 51.40       | 15.42 | 54.70       | 16.47 | 57.30       | 17.33 |
|        | 41                              | 28.60                        | 9.60  | 36.10       | 11.68 | 44.20       | 14.06 | 47.60       | 15.14 | 51.40       | 16.40 | 54.70       | 17.53 | 57.30       | 18.44 |
|        | 43                              | 28.60                        | 10.20 | 36.10       | 12.43 | 44.20       | 14.97 | 47.60       | 16.11 | 51.40       | 17.47 | 54.70       | 18.66 | 57.30       | 19.62 |
|        | 46                              | 28.60                        | 11.22 | 36.10       | 13.67 | 44.20       | 16.46 | 47.60       | 17.71 | 51.40       | 19.19 | 54.70       | 20.50 | 57.30       | 21.56 |
|        | 48                              | 28.60                        | 11.98 | 36.10       | 14.56 | 44.20       | 17.52 | 47.60       | 18.86 | 51.40       | 20.42 | 54.70       | 21.83 | 57.30       | 22.96 |
|        | 50                              | 28.60                        | 12.81 | 36.10       | 15.52 | 44.20       | 18.67 | 47.60       | 20.08 | 51.40       | 21.75 | 54.70       | 23.24 | 57.30       | 24.45 |
|        | 52                              | 28.60                        | 13.71 | 36.10       | 16.55 | 44.20       | 19.88 | 47.60       | 21.39 | 51.40       | 23.18 | 54.70       | 24.12 | 57.30       | 25.29 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

## ARUM360LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 78.70                        | 8.59  | 99.40       | 12.37 | 121.7       | 18.23 | 131.0       | 21.33 | 141.1       | 24.69 | 147.3       | 26.52 | 152.2       | 27.93 |
|        | 12                              | 78.70                        | 9.39  | 99.40       | 13.58 | 121.7       | 19.75 | 131.0       | 22.91 | 141.0       | 26.40 | 147.2       | 28.23 | 152.1       | 29.70 |
|        | 14                              | 78.70                        | 9.89  | 99.40       | 14.90 | 121.7       | 21.41 | 131.0       | 24.64 | 140.9       | 28.10 | 147.0       | 29.99 | 151.9       | 31.61 |
|        | 16                              | 78.70                        | 10.72 | 99.40       | 16.26 | 121.7       | 23.21 | 131.0       | 26.32 | 140.6       | 29.70 | 146.8       | 31.72 | 151.6       | 33.46 |
|        | 18                              | 78.70                        | 11.73 | 99.40       | 17.70 | 121.7       | 24.96 | 131.0       | 28.25 | 140.3       | 31.52 | 146.5       | 33.50 | 151.3       | 35.04 |
|        | 20                              | 78.70                        | 12.94 | 99.40       | 19.38 | 121.7       | 27.03 | 131.0       | 30.23 | 139.9       | 33.13 | 146.1       | 35.28 | 150.9       | 36.54 |
|        | 21                              | 78.70                        | 13.60 | 99.40       | 20.27 | 121.7       | 27.96 | 131.0       | 31.16 | 139.7       | 34.00 | 145.8       | 36.08 | 150.7       | 37.33 |
|        | 23                              | 78.70                        | 15.00 | 99.40       | 22.30 | 121.7       | 29.92 | 131.0       | 32.84 | 139.2       | 35.70 | 145.4       | 37.34 | 150.2       | 38.59 |
|        | 25                              | 78.70                        | 16.74 | 99.40       | 23.98 | 121.7       | 31.47 | 131.0       | 34.50 | 138.7       | 37.04 | 144.8       | 38.75 | 149.6       | 40.04 |
|        | 27                              | 78.70                        | 18.31 | 99.40       | 25.59 | 121.7       | 33.24 | 131.0       | 36.46 | 138.1       | 38.57 | 144.2       | 40.34 | 149.0       | 41.70 |
|        | 29                              | 78.70                        | 19.55 | 99.40       | 27.31 | 121.7       | 35.28 | 130.4       | 38.06 | 137.4       | 40.27 | 143.6       | 42.15 | 148.4       | 43.59 |
|        | 31                              | 78.70                        | 20.83 | 99.40       | 28.91 | 121.7       | 37.27 | 129.7       | 39.83 | 136.7       | 42.18 | 142.8       | 44.20 | 147.6       | 45.78 |
|        | 33                              | 78.70                        | 22.30 | 99.40       | 30.62 | 121.7       | 39.38 | 129.0       | 41.79 | 136.0       | 44.32 | 141.2       | 46.17 | 142.1       | 46.35 |
|        | 35                              | 78.70                        | 23.88 | 99.40       | 32.45 | 121.7       | 41.55 | 128.2       | 43.96 | 133.9       | 46.15 | 135.0       | 46.37 | 135.9       | 46.55 |
|        | 37                              | 78.70                        | 25.43 | 99.40       | 34.43 | 121.1       | 43.81 | 126.5       | 45.68 | 127.8       | 45.91 | 128.8       | 46.13 | 129.7       | 46.31 |
|        | 39                              | 78.70                        | 27.09 | 99.40       | 36.58 | 119.5       | 44.46 | 120.5       | 44.65 | 121.7       | 44.88 | 122.7       | 45.13 | 123.6       | 45.32 |
|        | 41                              | 78.70                        | 28.86 | 99.40       | 38.41 | 111.5       | 42.97 | 111.4       | 42.97 | 111.3       | 42.94 | 111.2       | 42.91 | 111.3       | 42.95 |
|        | 43                              | 78.70                        | 30.44 | 99.40       | 38.93 | 102.7       | 40.19 | 102.6       | 40.18 | 102.6       | 40.16 | 102.5       | 40.17 | 102.5       | 40.16 |
|        | 46                              | 78.70                        | 31.98 | 90.20       | 36.60 | 90.00       | 36.57 | 90.00       | 36.58 | 90.00       | 36.54 | 89.90       | 36.52 | 90.00       | 36.54 |
|        | 48                              | 78.70                        | 33.57 | 82.10       | 35.02 | 82.00       | 34.95 | 82.00       | 34.97 | 82.80       | 35.31 | 82.00       | 34.98 | 81.90       | 34.94 |
|        | 50                              | 74.70                        | 32.99 | 74.60       | 32.94 | 74.40       | 32.89 | 74.50       | 32.93 | 74.50       | 32.90 | 74.40       | 32.88 | 74.30       | 32.86 |
|        | 52                              | 66.50                        | 29.17 | 67.00       | 28.69 | 67.30       | 27.84 | 67.30       | 27.66 | 67.30       | 27.46 | 67.30       | 27.31 | 67.30       | 27.20 |
| 120    | 10                              | 72.70                        | 7.79  | 91.80       | 10.76 | 112.3       | 15.58 | 120.9       | 18.01 | 130.7       | 21.20 | 138.9       | 24.00 | 143.9       | 25.54 |
|        | 12                              | 72.70                        | 8.49  | 91.80       | 11.81 | 112.3       | 16.99 | 120.9       | 19.53 | 130.7       | 22.79 | 138.9       | 25.71 | 143.8       | 27.21 |
|        | 14                              | 72.70                        | 8.83  | 91.80       | 12.97 | 112.3       | 18.52 | 120.9       | 21.18 | 130.7       | 24.52 | 138.9       | 27.49 | 143.6       | 28.94 |
|        | 16                              | 72.70                        | 9.34  | 91.80       | 14.05 | 112.3       | 20.18 | 120.9       | 22.97 | 130.7       | 26.18 | 138.9       | 29.07 | 143.4       | 30.60 |
|        | 18                              | 72.70                        | 10.27 | 91.80       | 15.38 | 112.3       | 22.00 | 120.9       | 24.73 | 130.7       | 28.02 | 138.6       | 30.87 | 143.1       | 32.36 |
|        | 20                              | 72.70                        | 11.30 | 91.80       | 16.84 | 112.3       | 23.76 | 120.9       | 26.79 | 130.7       | 30.02 | 138.2       | 32.60 | 142.7       | 34.02 |
|        | 21                              | 72.70                        | 11.85 | 91.80       | 17.64 | 112.3       | 24.81 | 120.9       | 27.73 | 130.7       | 30.92 | 138.0       | 33.47 | 142.5       | 35.16 |
|        | 23                              | 72.70                        | 13.18 | 91.80       | 19.49 | 112.3       | 26.79 | 120.9       | 29.71 | 130.7       | 32.71 | 137.5       | 35.02 | 142.0       | 36.43 |
|        | 25                              | 72.70                        | 14.69 | 91.80       | 21.30 | 112.3       | 28.39 | 120.9       | 31.26 | 130.7       | 34.36 | 137.0       | 36.56 | 141.5       | 37.80 |
|        | 27                              | 72.70                        | 16.40 | 91.80       | 22.72 | 112.3       | 30.20 | 120.9       | 33.02 | 130.7       | 36.38 | 136.4       | 38.06 | 140.9       | 39.36 |
|        | 29                              | 72.70                        | 17.61 | 91.80       | 24.22 | 112.3       | 31.88 | 120.9       | 35.02 | 130.2       | 37.98 | 135.8       | 39.74 | 140.3       | 41.11 |
|        | 31                              | 72.70                        | 18.76 | 91.80       | 25.90 | 112.3       | 33.70 | 120.9       | 36.99 | 129.5       | 39.75 | 135.1       | 41.61 | 139.6       | 43.08 |
|        | 33                              | 72.70                        | 19.99 | 91.80       | 27.75 | 112.3       | 35.67 | 120.9       | 39.15 | 128.8       | 41.71 | 134.4       | 43.71 | 138.9       | 45.31 |
|        | 35                              | 72.70                        | 21.51 | 91.80       | 29.42 | 112.3       | 37.82 | 120.9       | 41.31 | 128.0       | 43.88 | 133.6       | 46.06 | 134.7       | 46.32 |
|        | 37                              | 72.70                        | 22.91 | 91.80       | 31.21 | 112.3       | 40.20 | 120.6       | 43.62 | 126.7       | 45.69 | 127.7       | 45.90 | 128.4       | 46.05 |
|        | 39                              | 72.70                        | 24.38 | 91.80       | 33.13 | 112.3       | 41.99 | 119.5       | 44.46 | 120.6       | 44.67 | 121.6       | 44.87 | 122.4       | 45.05 |
|        | 41                              | 72.70                        | 25.97 | 91.80       | 35.21 | 111.5       | 42.97 | 111.4       | 42.95 | 111.3       | 42.92 | 111.2       | 42.92 | 111.2       | 42.91 |
|        | 43                              | 72.70                        | 27.69 | 91.80       | 35.93 | 102.7       | 40.22 | 102.7       | 40.19 | 102.6       | 40.17 | 102.6       | 40.17 | 102.5       | 40.17 |
|        | 46                              | 72.70                        | 29.62 | 90.20       | 36.63 | 90.00       | 36.54 | 90.00       | 36.54 | 90.00       | 36.55 | 90.00       | 36.56 | 90.00       | 36.54 |
|        | 48                              | 72.70                        | 30.99 | 82.10       | 35.02 | 82.10       | 35.02 | 82.10       | 35.00 | 82.00       | 34.98 | 82.00       | 34.96 | 82.00       | 34.93 |
|        | 50                              | 72.70                        | 32.11 | 74.60       | 32.93 | 74.50       | 32.93 | 74.50       | 32.92 | 74.40       | 32.91 | 73.30       | 32.40 | 74.40       | 32.86 |
|        | 52                              | 66.50                        | 29.15 | 66.80       | 29.02 | 67.30       | 28.18 | 67.30       | 28.03 | 67.30       | 27.85 | 67.30       | 27.69 | 67.30       | 27.61 |
| 110    | 10                              | 66.60                        | 7.12  | 84.10       | 9.41  | 102.9       | 13.21 | 110.9       | 15.21 | 119.7       | 17.66 | 127.3       | 20.05 | 133.2       | 22.17 |
|        | 12                              | 66.60                        | 7.65  | 84.10       | 10.31 | 102.9       | 14.49 | 110.9       | 16.60 | 119.7       | 19.17 | 127.3       | 21.63 | 133.2       | 23.76 |
|        | 14                              | 66.60                        | 7.85  | 84.10       | 11.07 | 102.9       | 15.89 | 110.9       | 18.11 | 119.7       | 20.80 | 127.3       | 23.34 | 133.2       | 25.49 |
|        | 16                              | 66.60                        | 8.15  | 84.10       | 12.06 | 102.9       | 17.33 | 110.9       | 19.75 | 119.7       | 22.58 | 127.3       | 25.02 | 133.2       | 27.14 |
|        | 18                              | 66.60                        | 8.86  | 84.10       | 13.16 | 102.9       | 18.96 | 110.9       | 21.53 | 119.7       | 24.29 | 127.3       | 26.93 | 133.2       | 28.99 |
|        | 20                              | 66.60                        | 9.78  | 84.10       | 14.48 | 102.9       | 20.73 | 110.9       | 23.31 | 119.7       | 26.33 | 127.3       | 29.00 | 133.2       | 30.91 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 66.60                        | 10.28 | 84.10       | 15.18 | 102.9       | 21.60 | 110.9       | 24.34 | 119.7       | 27.38 | 127.3       | 29.91 | 133.2       | 31.92 |
|        | 23                               | 66.60                        | 11.42 | 84.10       | 16.83 | 102.9       | 23.68 | 110.9       | 26.26 | 119.7       | 29.27 | 127.3       | 31.69 | 133.2       | 33.53 |
|        | 25                               | 66.60                        | 12.82 | 84.10       | 18.58 | 102.9       | 25.19 | 110.9       | 27.96 | 119.7       | 30.84 | 127.3       | 33.34 | 133.1       | 35.17 |
|        | 27                               | 66.60                        | 14.36 | 84.10       | 20.09 | 102.9       | 27.00 | 110.9       | 29.54 | 119.7       | 32.58 | 127.3       | 35.15 | 132.5       | 36.93 |
|        | 29                               | 66.60                        | 15.78 | 84.10       | 21.38 | 102.9       | 28.54 | 110.9       | 31.36 | 119.7       | 34.60 | 127.3       | 37.20 | 131.9       | 38.55 |
|        | 31                               | 66.60                        | 16.77 | 84.10       | 22.87 | 102.9       | 30.19 | 110.9       | 33.15 | 119.7       | 36.55 | 127.2       | 39.02 | 131.3       | 40.36 |
|        | 33                               | 66.60                        | 17.94 | 84.10       | 24.42 | 102.9       | 31.97 | 110.9       | 35.09 | 119.7       | 38.70 | 126.5       | 40.94 | 130.6       | 42.36 |
|        | 35                               | 66.60                        | 19.12 | 84.10       | 26.12 | 102.9       | 33.89 | 110.9       | 37.21 | 119.7       | 40.93 | 125.7       | 43.05 | 129.8       | 44.58 |
|        | 37                               | 66.60                        | 20.54 | 84.10       | 27.81 | 102.9       | 35.96 | 110.9       | 39.53 | 119.7       | 43.29 | 125.0       | 45.38 | 127.0       | 45.75 |
|        | 39                               | 66.60                        | 21.88 | 84.10       | 29.65 | 102.9       | 38.24 | 110.9       | 41.48 | 118.9       | 44.29 | 120.2       | 44.59 | 121.1       | 44.77 |
|        | 41                               | 66.60                        | 23.29 | 84.10       | 31.63 | 102.9       | 39.76 | 110.9       | 42.75 | 111.5       | 42.98 | 111.3       | 42.95 | 111.3       | 42.96 |
|        | 43                               | 66.60                        | 24.81 | 84.10       | 32.93 | 102.7       | 40.20 | 102.7       | 40.22 | 102.7       | 40.20 | 102.6       | 40.20 | 102.6       | 40.18 |
|        | 46                               | 66.60                        | 26.85 | 84.10       | 34.16 | 90.00       | 36.59 | 90.00       | 36.57 | 90.00       | 36.58 | 90.00       | 36.58 | 89.90       | 36.54 |
|        | 48                               | 66.60                        | 28.30 | 82.10       | 35.02 | 82.10       | 35.00 | 82.10       | 35.00 | 82.10       | 34.99 | 82.00       | 34.98 | 82.00       | 34.97 |
|        | 50                               | 66.60                        | 29.44 | 74.60       | 32.99 | 74.50       | 32.92 | 74.50       | 32.92 | 74.40       | 32.89 | 74.40       | 32.88 | 74.40       | 32.89 |
| 100    | 52                               | 66.10                        | 28.97 | 66.70       | 29.26 | 67.10       | 28.59 | 67.20       | 28.43 | 67.30       | 28.28 | 66.60       | 27.89 | 67.30       | 27.92 |
|        | 10                               | 60.50                        | 6.54  | 76.50       | 8.28  | 93.60       | 11.11 | 100.8       | 12.69 | 108.9       | 14.71 | 115.7       | 16.52 | 121.2       | 18.09 |
|        | 12                               | 60.50                        | 6.87  | 76.50       | 9.05  | 93.60       | 12.20 | 100.8       | 13.92 | 108.9       | 16.07 | 115.7       | 17.98 | 121.2       | 19.61 |
|        | 14                               | 60.50                        | 7.03  | 76.50       | 9.49  | 93.60       | 13.40 | 100.8       | 15.28 | 108.9       | 17.54 | 115.7       | 19.56 | 121.2       | 21.26 |
|        | 16                               | 60.50                        | 7.14  | 76.50       | 10.22 | 93.60       | 14.55 | 100.8       | 16.76 | 108.9       | 19.16 | 115.7       | 21.28 | 121.2       | 23.06 |
|        | 18                               | 60.50                        | 7.66  | 76.50       | 11.21 | 93.60       | 15.92 | 100.8       | 18.15 | 108.9       | 20.91 | 115.7       | 23.01 | 121.2       | 24.78 |
|        | 20                               | 60.50                        | 8.43  | 76.50       | 12.32 | 93.60       | 17.46 | 100.8       | 19.87 | 108.9       | 22.62 | 115.7       | 24.92 | 121.2       | 26.85 |
|        | 21                               | 60.50                        | 8.88  | 76.50       | 12.90 | 93.60       | 18.29 | 100.8       | 20.85 | 108.9       | 23.62 | 115.7       | 26.00 | 121.2       | 27.87 |
|        | 23                               | 60.50                        | 9.89  | 76.50       | 14.30 | 93.60       | 20.22 | 100.8       | 22.79 | 108.9       | 25.59 | 115.7       | 27.92 | 121.2       | 29.76 |
|        | 25                               | 60.50                        | 11.02 | 76.50       | 15.98 | 93.60       | 21.97 | 100.8       | 24.51 | 108.9       | 27.30 | 115.7       | 29.55 | 121.2       | 31.30 |
|        | 27                               | 60.50                        | 12.41 | 76.50       | 17.61 | 93.60       | 23.40 | 100.8       | 26.28 | 108.9       | 29.02 | 115.7       | 31.42 | 121.2       | 33.06 |
|        | 29                               | 60.50                        | 13.92 | 76.50       | 18.81 | 93.60       | 24.95 | 100.8       | 27.79 | 108.9       | 30.65 | 115.7       | 33.15 | 121.2       | 35.12 |
|        | 31                               | 60.50                        | 14.95 | 76.50       | 20.04 | 93.60       | 26.82 | 100.8       | 29.40 | 108.9       | 32.41 | 115.7       | 35.02 | 121.2       | 37.09 |
|        | 33                               | 60.50                        | 15.96 | 76.50       | 21.40 | 93.60       | 28.42 | 100.8       | 31.14 | 108.9       | 34.30 | 115.7       | 37.07 | 121.2       | 39.24 |
|        | 35                               | 60.50                        | 17.03 | 76.50       | 22.98 | 93.60       | 30.12 | 100.8       | 32.99 | 108.9       | 36.37 | 115.7       | 39.33 | 121.2       | 41.39 |
| 90     | 37                               | 60.50                        | 18.17 | 76.50       | 24.46 | 93.60       | 31.95 | 100.8       | 35.02 | 108.9       | 38.63 | 115.7       | 41.85 | 120.8       | 43.69 |
|        | 39                               | 60.50                        | 19.52 | 76.50       | 26.05 | 93.60       | 33.93 | 100.8       | 37.22 | 108.9       | 40.78 | 115.7       | 43.21 | 119.6       | 44.48 |
|        | 41                               | 60.50                        | 20.79 | 76.50       | 27.76 | 93.60       | 36.06 | 100.8       | 38.93 | 108.9       | 42.00 | 111.4       | 42.96 | 111.5       | 42.97 |
|        | 43                               | 60.50                        | 22.14 | 76.50       | 29.41 | 93.60       | 36.64 | 100.8       | 39.46 | 102.6       | 40.21 | 102.7       | 40.21 | 102.7       | 40.20 |
|        | 46                               | 60.50                        | 24.19 | 76.50       | 31.05 | 90.00       | 36.58 | 90.10       | 36.58 | 90.10       | 36.59 | 90.10       | 36.59 | 90.00       | 36.54 |
|        | 48                               | 60.50                        | 25.50 | 76.50       | 32.61 | 82.20       | 35.05 | 82.10       | 35.03 | 82.10       | 34.99 | 82.10       | 34.99 | 82.10       | 34.99 |
|        | 50                               | 60.50                        | 26.68 | 74.60       | 32.96 | 74.60       | 32.95 | 74.60       | 32.94 | 74.50       | 32.91 | 74.50       | 32.90 | 74.50       | 32.89 |
|        | 52                               | 60.50                        | 26.56 | 66.50       | 29.14 | 66.10       | 28.80 | 66.90       | 28.82 | 67.10       | 28.55 | 67.30       | 28.30 | 67.30       | 28.09 |
|        | 10                               | 54.50                        | 5.87  | 68.80       | 7.36  | 84.20       | 9.42  | 90.70       | 10.55 | 97.90       | 12.05 | 104.2       | 13.52 | 109.1       | 14.76 |
|        | 12                               | 54.50                        | 6.07  | 68.80       | 7.98  | 84.20       | 10.33 | 90.70       | 11.59 | 97.90       | 13.23 | 104.2       | 14.83 | 109.1       | 16.12 |
|        | 14                               | 54.50                        | 6.17  | 68.80       | 8.16  | 84.20       | 11.09 | 90.70       | 12.72 | 97.90       | 14.53 | 104.2       | 16.26 | 109.1       | 17.60 |
|        | 16                               | 54.50                        | 6.31  | 68.80       | 8.51  | 84.20       | 12.07 | 90.70       | 13.89 | 97.90       | 15.94 | 104.2       | 17.71 | 109.1       | 19.22 |
|        | 18                               | 54.50                        | 6.50  | 68.80       | 9.39  | 84.20       | 13.17 | 90.70       | 15.03 | 97.90       | 17.20 | 104.2       | 19.36 | 109.1       | 20.84 |
|        | 20                               | 54.50                        | 7.24  | 68.80       | 10.33 | 84.20       | 14.53 | 90.70       | 16.52 | 97.90       | 18.85 | 104.2       | 21.13 | 109.1       | 22.72 |
|        | 21                               | 54.50                        | 7.58  | 68.80       | 10.88 | 84.20       | 15.20 | 90.70       | 17.31 | 97.90       | 19.84 | 104.2       | 22.08 | 109.1       | 23.66 |
|        | 23                               | 54.50                        | 8.42  | 68.80       | 12.06 | 84.20       | 16.85 | 90.70       | 19.19 | 97.90       | 21.76 | 104.2       | 24.09 | 109.1       | 25.68 |
|        | 25                               | 54.50                        | 9.46  | 68.80       | 13.43 | 84.20       | 18.68 | 90.70       | 20.95 | 97.90       | 23.46 | 104.2       | 25.79 | 109.1       | 27.39 |
|        | 27                               | 54.50                        | 10.56 | 68.80       | 15.13 | 84.20       | 20.12 | 90.70       | 22.33 | 97.90       | 25.05 | 104.2       | 27.42 | 109.1       | 29.08 |
|        | 29                               | 54.50                        | 11.98 | 68.80       | 16.38 | 84.20       | 21.47 | 90.70       | 23.87 | 97.90       | 26.82 | 104.2       | 28.99 | 109.1       | 30.71 |
|        | 31                               | 54.50                        | 13.26 | 68.80       | 17.47 | 84.20       | 22.92 | 90.70       | 25.65 | 97.90       | 28.40 | 104.2       | 30.66 | 109.1       | 32.48 |
|        | 33                               | 54.50                        | 14.16 | 68.80       | 18.68 | 84.20       | 24.58 | 90.70       | 27.29 | 97.90       | 30.08 | 104.2       | 32.46 | 109.1       | 34.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 54.50                        | 15.08 | 68.80       | 19.91 | 84.20       | 26.16 | 90.70       | 29.01 | 97.90       | 31.87 | 104.2       | 34.40 | 109.1       | 36.44 |
|        | 37                              | 54.50                        | 16.09 | 68.80       | 21.38 | 84.20       | 27.87 | 90.70       | 30.76 | 97.90       | 33.82 | 104.2       | 36.52 | 109.1       | 38.71 |
|        | 39                              | 54.50                        | 17.19 | 68.80       | 22.77 | 84.20       | 29.70 | 90.70       | 32.66 | 97.90       | 35.92 | 104.2       | 38.85 | 109.1       | 40.85 |
|        | 41                              | 54.50                        | 18.34 | 68.80       | 24.24 | 84.20       | 31.69 | 90.70       | 34.71 | 97.90       | 37.87 | 104.2       | 40.24 | 109.1       | 42.07 |
|        | 43                              | 54.50                        | 19.65 | 68.80       | 25.83 | 84.20       | 32.97 | 90.70       | 35.52 | 97.90       | 38.37 | 102.7       | 40.24 | 102.7       | 40.23 |
|        | 46                              | 54.50                        | 21.59 | 68.80       | 27.84 | 84.20       | 34.20 | 90.20       | 36.63 | 90.20       | 36.60 | 90.00       | 36.59 | 90.10       | 36.60 |
|        | 48                              | 54.50                        | 22.81 | 68.80       | 29.35 | 82.30       | 35.07 | 82.10       | 35.04 | 82.10       | 35.01 | 82.10       | 35.00 | 82.10       | 35.00 |
|        | 50                              | 54.50                        | 23.87 | 68.80       | 30.41 | 74.60       | 32.99 | 74.60       | 32.98 | 74.60       | 32.94 | 74.60       | 32.93 | 74.60       | 32.93 |
|        | 52                              | 54.50                        | 24.43 | 66.30       | 29.07 | 66.70       | 29.34 | 66.90       | 29.08 | 67.00       | 28.80 | 67.10       | 28.55 | 67.30       | 28.36 |
| 80     | 10                              | 48.40                        | 5.12  | 61.20       | 6.60  | 74.90       | 8.07  | 80.60       | 8.86  | 87.10       | 9.90  | 92.60       | 10.92 | 97.00       | 11.81 |
|        | 12                              | 48.40                        | 5.38  | 61.20       | 6.97  | 74.90       | 8.80  | 80.60       | 9.70  | 87.10       | 10.86 | 92.60       | 11.99 | 97.00       | 12.97 |
|        | 14                              | 48.40                        | 5.47  | 61.20       | 7.09  | 74.90       | 9.17  | 80.60       | 10.30 | 87.10       | 11.78 | 92.60       | 13.17 | 97.00       | 14.25 |
|        | 16                              | 48.40                        | 5.56  | 61.20       | 7.20  | 74.90       | 9.85  | 80.60       | 11.19 | 87.10       | 12.86 | 92.60       | 14.32 | 97.00       | 15.64 |
|        | 18                              | 48.40                        | 5.70  | 61.20       | 7.78  | 74.90       | 10.82 | 80.60       | 12.28 | 87.10       | 14.00 | 92.60       | 15.61 | 97.00       | 16.94 |
|        | 20                              | 48.40                        | 6.13  | 61.20       | 8.54  | 74.90       | 11.88 | 80.60       | 13.48 | 87.10       | 15.42 | 92.60       | 17.09 | 97.00       | 18.57 |
|        | 21                              | 48.40                        | 6.42  | 61.20       | 8.98  | 74.90       | 12.47 | 80.60       | 14.16 | 87.10       | 16.11 | 92.60       | 17.98 | 97.00       | 19.42 |
|        | 23                              | 48.40                        | 7.14  | 61.20       | 10.00 | 74.90       | 13.83 | 80.60       | 15.67 | 87.10       | 17.85 | 92.60       | 19.86 | 97.00       | 21.48 |
|        | 25                              | 48.40                        | 7.96  | 61.20       | 11.18 | 74.90       | 15.42 | 80.60       | 17.40 | 87.10       | 19.70 | 92.60       | 21.60 | 97.00       | 23.11 |
|        | 27                              | 48.40                        | 8.97  | 61.20       | 12.57 | 74.90       | 17.14 | 80.60       | 18.97 | 87.10       | 21.08 | 92.60       | 23.04 | 97.00       | 24.64 |
|        | 29                              | 48.40                        | 10.22 | 61.20       | 14.05 | 74.90       | 18.27 | 80.60       | 20.21 | 87.10       | 22.49 | 92.60       | 24.61 | 97.00       | 26.32 |
|        | 31                              | 48.40                        | 11.50 | 61.20       | 15.14 | 74.90       | 19.53 | 80.60       | 21.57 | 87.10       | 24.06 | 92.60       | 26.44 | 97.00       | 28.02 |
|        | 33                              | 48.40                        | 12.44 | 61.20       | 16.16 | 74.90       | 20.86 | 80.60       | 23.04 | 87.10       | 25.76 | 92.60       | 28.07 | 97.00       | 29.68 |
|        | 35                              | 48.40                        | 13.25 | 61.20       | 17.24 | 74.90       | 22.35 | 80.60       | 24.65 | 87.10       | 27.43 | 92.60       | 29.75 | 97.00       | 31.46 |
|        | 37                              | 48.40                        | 14.15 | 61.20       | 18.39 | 74.90       | 23.80 | 80.60       | 26.25 | 87.10       | 29.21 | 92.60       | 31.56 | 97.00       | 33.38 |
|        | 39                              | 48.40                        | 15.08 | 61.20       | 19.75 | 74.90       | 25.33 | 80.60       | 27.96 | 87.10       | 31.10 | 92.60       | 33.51 | 97.00       | 35.45 |
|        | 41                              | 48.40                        | 16.11 | 61.20       | 21.03 | 74.90       | 27.00 | 80.60       | 29.82 | 87.10       | 33.04 | 92.60       | 35.62 | 97.00       | 37.47 |
|        | 43                              | 48.40                        | 17.21 | 61.20       | 22.39 | 74.90       | 28.78 | 80.60       | 31.29 | 87.10       | 34.10 | 92.60       | 36.27 | 97.00       | 37.96 |
|        | 46                              | 48.40                        | 19.05 | 61.20       | 24.46 | 74.90       | 30.40 | 80.60       | 32.74 | 87.10       | 35.37 | 90.00       | 36.57 | 90.00       | 36.58 |
|        | 48                              | 48.40                        | 20.30 | 61.20       | 25.78 | 74.90       | 31.91 | 80.60       | 34.38 | 82.10       | 35.04 | 82.10       | 35.00 | 82.10       | 34.99 |
|        | 50                              | 48.40                        | 21.63 | 61.20       | 26.98 | 74.60       | 32.96 | 74.60       | 32.96 | 74.60       | 32.96 | 74.60       | 32.94 | 74.50       | 32.93 |
|        | 52                              | 48.40                        | 23.05 | 61.20       | 26.83 | 66.40       | 29.14 | 66.60       | 29.20 | 66.90       | 29.12 | 66.90       | 28.85 | 67.10       | 28.66 |
| 70     | 10                              | 42.40                        | 4.23  | 53.50       | 5.76  | 65.50       | 7.00  | 70.50       | 7.55  | 76.20       | 8.24  | 81.00       | 8.93  | 84.80       | 9.52  |
|        | 12                              | 42.40                        | 4.74  | 53.50       | 5.94  | 65.50       | 7.50  | 70.50       | 8.20  | 76.20       | 9.00  | 81.00       | 9.77  | 84.80       | 10.44 |
|        | 14                              | 42.40                        | 4.82  | 53.50       | 6.08  | 65.50       | 7.69  | 70.50       | 8.44  | 76.20       | 9.39  | 81.00       | 10.40 | 84.80       | 11.30 |
|        | 16                              | 42.40                        | 4.88  | 53.50       | 6.18  | 65.50       | 7.92  | 70.50       | 8.89  | 76.20       | 10.13 | 81.00       | 11.27 | 84.80       | 12.25 |
|        | 18                              | 42.40                        | 4.96  | 53.50       | 6.39  | 65.50       | 8.67  | 70.50       | 9.78  | 76.20       | 11.12 | 81.00       | 12.36 | 84.80       | 13.35 |
|        | 20                              | 42.40                        | 5.16  | 53.50       | 7.02  | 65.50       | 9.50  | 70.50       | 10.78 | 76.20       | 12.21 | 81.00       | 13.56 | 84.80       | 14.68 |
|        | 21                              | 42.40                        | 5.43  | 53.50       | 7.38  | 65.50       | 10.02 | 70.50       | 11.32 | 76.20       | 12.85 | 81.00       | 14.29 | 84.80       | 15.39 |
|        | 23                              | 42.40                        | 5.97  | 53.50       | 8.20  | 65.50       | 11.14 | 70.50       | 12.53 | 76.20       | 14.25 | 81.00       | 15.76 | 84.80       | 17.07 |
|        | 25                              | 42.40                        | 6.66  | 53.50       | 9.18  | 65.50       | 12.48 | 70.50       | 14.05 | 76.20       | 15.87 | 81.00       | 17.56 | 84.80       | 18.88 |
|        | 27                              | 42.40                        | 7.47  | 53.50       | 10.35 | 65.50       | 13.97 | 70.50       | 15.67 | 76.20       | 17.58 | 81.00       | 19.04 | 84.80       | 20.28 |
|        | 29                              | 42.40                        | 8.51  | 53.50       | 11.75 | 65.50       | 15.44 | 70.50       | 16.92 | 76.20       | 18.72 | 81.00       | 20.34 | 84.80       | 21.65 |
|        | 31                              | 42.40                        | 9.73  | 53.50       | 13.01 | 65.50       | 16.42 | 70.50       | 18.03 | 76.20       | 19.96 | 81.00       | 21.71 | 84.80       | 23.16 |
|        | 33                              | 42.40                        | 10.80 | 53.50       | 13.85 | 65.50       | 17.56 | 70.50       | 19.27 | 76.20       | 21.32 | 81.00       | 23.18 | 84.80       | 24.83 |
|        | 35                              | 42.40                        | 11.60 | 53.50       | 14.75 | 65.50       | 18.73 | 70.50       | 20.60 | 76.20       | 22.87 | 81.00       | 24.82 | 84.80       | 26.43 |
|        | 37                              | 42.40                        | 12.37 | 53.50       | 15.74 | 65.50       | 20.12 | 70.50       | 22.05 | 76.20       | 24.36 | 81.00       | 26.43 | 84.80       | 28.14 |
|        | 39                              | 42.40                        | 13.17 | 53.50       | 16.82 | 65.50       | 21.43 | 70.50       | 23.48 | 76.20       | 25.94 | 81.00       | 28.16 | 84.80       | 30.00 |
|        | 41                              | 42.40                        | 14.04 | 53.50       | 17.95 | 65.50       | 22.81 | 70.50       | 25.01 | 76.20       | 27.64 | 81.00       | 30.03 | 84.80       | 32.01 |
|        | 43                              | 42.40                        | 15.02 | 53.50       | 19.26 | 65.50       | 24.30 | 70.50       | 26.65 | 76.20       | 29.29 | 81.00       | 31.49 | 84.80       | 33.26 |
|        | 46                              | 42.40                        | 16.59 | 53.50       | 21.17 | 65.50       | 26.35 | 70.50       | 28.63 | 76.20       | 30.95 | 81.00       | 32.91 | 84.80       | 34.45 |
|        | 48                              | 42.40                        | 17.78 | 53.50       | 22.39 | 65.50       | 27.77 | 70.50       | 30.19 | 76.20       | 32.50 | 81.00       | 34.55 | 82.20       | 35.05 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 42.40                        | 18.95 | 53.50       | 23.42 | 65.50       | 29.07 | 70.50       | 31.16 | 74.60       | 32.99 | 74.60       | 32.96 | 74.60       | 32.97 |
|        | 52                              | 42.40                        | 20.19 | 53.50       | 23.97 | 65.50       | 28.71 | 66.40       | 29.10 | 66.50       | 29.17 | 66.80       | 29.27 | 66.80       | 29.06 |
| 60     | 10                              | 36.30                        | 3.41  | 45.90       | 4.72  | 56.10       | 6.08  | 60.50       | 6.54  | 65.30       | 6.98  | 69.50       | 7.42  | 72.70       | 7.80  |
|        | 12                              | 36.30                        | 4.17  | 45.90       | 5.10  | 56.10       | 6.28  | 60.50       | 6.85  | 65.30       | 7.49  | 69.50       | 8.06  | 72.70       | 8.50  |
|        | 14                              | 36.30                        | 4.22  | 45.90       | 5.17  | 56.10       | 6.42  | 60.50       | 7.01  | 65.30       | 7.67  | 69.50       | 8.30  | 72.70       | 8.82  |
|        | 16                              | 36.30                        | 4.28  | 45.90       | 5.25  | 56.10       | 6.52  | 60.50       | 7.12  | 65.30       | 7.93  | 69.50       | 8.64  | 72.70       | 9.39  |
|        | 18                              | 36.30                        | 4.35  | 45.90       | 5.37  | 56.10       | 6.83  | 60.50       | 7.64  | 65.30       | 8.60  | 69.50       | 9.51  | 72.70       | 10.26 |
|        | 20                              | 36.30                        | 4.40  | 45.90       | 5.70  | 56.10       | 7.50  | 60.50       | 8.42  | 65.30       | 9.50  | 69.50       | 10.49 | 72.70       | 11.36 |
|        | 21                              | 36.30                        | 4.53  | 45.90       | 5.96  | 56.10       | 7.94  | 60.50       | 8.85  | 65.30       | 9.99  | 69.50       | 11.03 | 72.70       | 11.90 |
|        | 23                              | 36.30                        | 4.94  | 45.90       | 6.64  | 56.10       | 8.83  | 60.50       | 9.87  | 65.30       | 11.10 | 69.50       | 12.21 | 72.70       | 13.22 |
|        | 25                              | 36.30                        | 5.51  | 45.90       | 7.40  | 56.10       | 9.84  | 60.50       | 11.00 | 65.30       | 12.39 | 69.50       | 13.72 | 72.70       | 14.69 |
|        | 27                              | 36.30                        | 6.19  | 45.90       | 8.29  | 56.10       | 11.05 | 60.50       | 12.39 | 65.30       | 13.92 | 69.50       | 15.33 | 72.70       | 16.38 |
|        | 29                              | 36.30                        | 6.99  | 45.90       | 9.43  | 56.10       | 12.50 | 60.50       | 13.89 | 65.30       | 15.37 | 69.50       | 16.61 | 72.70       | 17.61 |
|        | 31                              | 36.30                        | 8.04  | 45.90       | 10.81 | 56.10       | 13.74 | 60.50       | 14.93 | 65.30       | 16.40 | 69.50       | 17.71 | 72.70       | 18.76 |
|        | 33                              | 36.30                        | 9.24  | 45.90       | 11.78 | 56.10       | 14.62 | 60.50       | 15.93 | 65.30       | 17.50 | 69.50       | 18.93 | 72.70       | 20.06 |
|        | 35                              | 36.30                        | 9.99  | 45.90       | 12.51 | 56.10       | 15.61 | 60.50       | 17.00 | 65.30       | 18.66 | 69.50       | 20.19 | 72.70       | 21.53 |
|        | 37                              | 36.30                        | 10.62 | 45.90       | 13.36 | 56.10       | 16.67 | 60.50       | 18.13 | 65.30       | 19.94 | 69.50       | 21.63 | 72.70       | 22.91 |
|        | 39                              | 36.30                        | 11.39 | 45.90       | 14.25 | 56.10       | 17.79 | 60.50       | 19.48 | 65.30       | 21.35 | 69.50       | 23.04 | 72.70       | 24.40 |
|        | 41                              | 36.30                        | 12.16 | 45.90       | 15.23 | 56.10       | 19.07 | 60.50       | 20.75 | 65.30       | 22.74 | 69.50       | 24.53 | 72.70       | 25.99 |
|        | 43                              | 36.30                        | 12.98 | 45.90       | 16.22 | 56.10       | 20.30 | 60.50       | 22.10 | 65.30       | 24.22 | 69.50       | 26.14 | 72.70       | 27.70 |
|        | 46                              | 36.30                        | 14.33 | 45.90       | 18.02 | 56.10       | 22.32 | 60.50       | 24.15 | 65.30       | 26.27 | 69.50       | 28.14 | 72.70       | 29.63 |
|        | 48                              | 36.30                        | 15.28 | 45.90       | 19.20 | 56.10       | 23.53 | 60.50       | 25.45 | 65.30       | 27.69 | 69.50       | 29.66 | 72.70       | 31.00 |
|        | 50                              | 36.30                        | 16.46 | 45.90       | 20.47 | 56.10       | 24.61 | 60.50       | 26.63 | 65.30       | 28.98 | 69.50       | 30.69 | 72.70       | 32.13 |
|        | 52                              | 36.30                        | 17.56 | 45.90       | 21.81 | 56.10       | 25.19 | 60.50       | 26.51 | 65.30       | 28.64 | 66.40       | 29.10 | 66.50       | 29.16 |
| 50     | 10                              | 30.30                        | 2.76  | 38.20       | 3.64  | 46.80       | 4.86  | 50.40       | 5.34  | 54.40       | 5.86  | 57.90       | 6.32  | 60.60       | 6.54  |
|        | 12                              | 30.30                        | 3.64  | 38.20       | 4.35  | 46.80       | 5.19  | 50.40       | 5.59  | 54.40       | 6.08  | 57.90       | 6.52  | 60.60       | 6.91  |
|        | 14                              | 30.30                        | 3.69  | 38.20       | 4.40  | 46.80       | 5.29  | 50.40       | 5.69  | 54.40       | 6.18  | 57.90       | 6.63  | 60.60       | 7.03  |
|        | 16                              | 30.30                        | 3.74  | 38.20       | 4.46  | 46.80       | 5.37  | 50.40       | 5.77  | 54.40       | 6.32  | 57.90       | 6.77  | 60.60       | 7.14  |
|        | 18                              | 30.30                        | 3.78  | 38.20       | 4.54  | 46.80       | 5.46  | 50.40       | 5.91  | 54.40       | 6.51  | 57.90       | 7.16  | 60.60       | 7.66  |
|        | 20                              | 30.30                        | 3.83  | 38.20       | 4.60  | 46.80       | 5.82  | 50.40       | 6.44  | 54.40       | 7.16  | 57.90       | 7.87  | 60.60       | 8.49  |
|        | 21                              | 30.30                        | 3.85  | 38.20       | 4.77  | 46.80       | 6.14  | 50.40       | 6.78  | 54.40       | 7.54  | 57.90       | 8.31  | 60.60       | 8.88  |
|        | 23                              | 30.30                        | 4.11  | 38.20       | 5.26  | 46.80       | 6.79  | 50.40       | 7.51  | 54.40       | 8.42  | 57.90       | 9.24  | 60.60       | 9.90  |
|        | 25                              | 30.30                        | 4.52  | 38.20       | 5.83  | 46.80       | 7.61  | 50.40       | 8.45  | 54.40       | 9.36  | 57.90       | 10.30 | 60.60       | 11.06 |
|        | 27                              | 30.30                        | 5.05  | 38.20       | 6.56  | 46.80       | 8.54  | 50.40       | 9.46  | 54.40       | 10.56 | 57.90       | 11.59 | 60.60       | 12.44 |
|        | 29                              | 30.30                        | 5.71  | 38.20       | 7.48  | 46.80       | 9.73  | 50.40       | 10.76 | 54.40       | 11.97 | 57.90       | 13.15 | 60.60       | 13.93 |
|        | 31                              | 30.30                        | 6.52  | 38.20       | 8.54  | 46.80       | 11.04 | 50.40       | 12.12 | 54.40       | 13.25 | 57.90       | 14.20 | 60.60       | 14.96 |
|        | 33                              | 30.30                        | 7.56  | 38.20       | 9.77  | 46.80       | 11.93 | 50.40       | 12.99 | 54.40       | 14.09 | 57.90       | 15.16 | 60.60       | 15.97 |
|        | 35                              | 30.30                        | 8.50  | 38.20       | 10.44 | 46.80       | 12.79 | 50.40       | 13.83 | 54.40       | 15.05 | 57.90       | 16.18 | 60.60       | 17.04 |
|        | 37                              | 30.30                        | 9.10  | 38.20       | 11.17 | 46.80       | 13.62 | 50.40       | 14.73 | 54.40       | 16.07 | 57.90       | 17.26 | 60.60       | 18.18 |
|        | 39                              | 30.30                        | 9.66  | 38.20       | 11.91 | 46.80       | 14.56 | 50.40       | 15.73 | 54.40       | 17.16 | 57.90       | 18.42 | 60.60       | 19.53 |
|        | 41                              | 30.30                        | 10.28 | 38.20       | 12.70 | 46.80       | 15.50 | 50.40       | 16.81 | 54.40       | 18.30 | 57.90       | 19.73 | 60.60       | 20.79 |
|        | 43                              | 30.30                        | 10.99 | 38.20       | 13.54 | 46.80       | 16.57 | 50.40       | 18.05 | 54.40       | 19.62 | 57.90       | 21.02 | 60.60       | 22.14 |
|        | 46                              | 30.30                        | 12.13 | 38.20       | 15.01 | 46.80       | 18.38 | 50.40       | 19.85 | 54.40       | 21.57 | 57.90       | 23.10 | 60.60       | 24.20 |
|        | 48                              | 30.30                        | 12.99 | 38.20       | 15.99 | 46.80       | 19.59 | 50.40       | 21.04 | 54.40       | 22.78 | 57.90       | 24.30 | 60.60       | 25.51 |
|        | 50                              | 30.30                        | 14.10 | 38.20       | 17.22 | 46.80       | 20.87 | 50.40       | 22.52 | 54.40       | 23.83 | 57.90       | 25.42 | 60.60       | 26.69 |
|        | 52                              | 30.30                        | 15.10 | 38.20       | 18.37 | 46.80       | 22.24 | 50.40       | 23.86 | 54.40       | 24.40 | 57.90       | 25.38 | 60.60       | 26.56 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM380LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 83.10                        | 8.22  | 104.9       | 11.17 | 128.4       | 15.94 | 138.3       | 18.53 | 149.4       | 21.93 | 158.8       | 24.95 | 166.3       | 27.40 |
|        | 12                              | 83.10                        | 8.95  | 104.9       | 12.32 | 128.4       | 17.59 | 138.3       | 20.43 | 149.4       | 24.10 | 158.8       | 27.21 | 166.3       | 29.44 |
|        | 14                              | 83.10                        | 9.42  | 104.9       | 13.41 | 128.4       | 19.41 | 138.3       | 22.50 | 149.4       | 26.00 | 158.8       | 29.11 | 166.3       | 31.80 |
|        | 16                              | 83.10                        | 9.92  | 104.9       | 14.80 | 128.4       | 21.28 | 138.3       | 24.35 | 149.4       | 28.14 | 158.8       | 31.44 | 166.3       | 34.32 |
|        | 18                              | 83.10                        | 10.92 | 104.9       | 16.18 | 128.4       | 23.12 | 138.3       | 26.51 | 149.4       | 30.54 | 158.8       | 33.97 | 166.3       | 36.74 |
|        | 20                              | 83.10                        | 12.09 | 104.9       | 17.74 | 128.4       | 25.34 | 138.3       | 28.88 | 149.4       | 32.89 | 158.8       | 36.42 | 166.3       | 38.78 |
|        | 21                              | 83.10                        | 12.71 | 104.9       | 18.63 | 128.4       | 26.41 | 138.3       | 29.95 | 149.4       | 33.91 | 158.8       | 37.41 | 166.3       | 39.80 |
|        | 23                              | 83.10                        | 14.05 | 104.9       | 20.60 | 128.4       | 28.58 | 138.3       | 32.06 | 149.4       | 36.41 | 158.8       | 39.51 | 166.3       | 42.08 |
|        | 25                              | 83.10                        | 15.65 | 104.9       | 22.60 | 128.4       | 30.54 | 138.3       | 34.30 | 149.4       | 38.55 | 158.8       | 42.01 | 166.3       | 44.23 |
|        | 27                              | 83.10                        | 17.39 | 104.9       | 24.22 | 128.4       | 32.63 | 138.3       | 36.82 | 149.4       | 40.94 | 158.8       | 44.27 | 166.3       | 46.60 |
|        | 29                              | 83.10                        | 18.77 | 104.9       | 25.82 | 128.4       | 35.22 | 138.3       | 39.34 | 149.4       | 43.54 | 158.8       | 46.74 | 166.3       | 49.21 |
|        | 31                              | 83.10                        | 20.01 | 104.9       | 27.53 | 128.4       | 37.58 | 138.3       | 41.77 | 149.4       | 46.05 | 158.8       | 49.48 | 166.3       | 52.14 |
|        | 33                              | 83.10                        | 21.34 | 104.9       | 29.36 | 128.4       | 40.07 | 138.3       | 44.42 | 149.4       | 48.80 | 157.9       | 52.16 | 159.1       | 52.60 |
|        | 35                              | 83.10                        | 22.75 | 104.9       | 31.32 | 128.4       | 42.63 | 138.3       | 47.21 | 148.1       | 51.28 | 148.4       | 51.43 | 148.3       | 51.40 |
|        | 37                              | 83.10                        | 24.27 | 104.9       | 33.44 | 128.4       | 45.42 | 137.5       | 49.47 | 138.0       | 49.65 | 137.9       | 49.63 | 137.9       | 49.63 |
|        | 39                              | 83.10                        | 25.88 | 104.9       | 35.71 | 127.7       | 46.72 | 127.7       | 46.74 | 127.7       | 46.77 | 127.7       | 46.75 | 127.7       | 46.73 |
|        | 41                              | 83.10                        | 27.60 | 104.9       | 37.65 | 117.9       | 43.22 | 117.9       | 43.24 | 117.9       | 43.20 | 117.7       | 43.15 | 117.9       | 43.20 |
|        | 43                              | 83.10                        | 29.45 | 104.9       | 39.15 | 108.4       | 40.31 | 108.3       | 40.30 | 108.3       | 40.28 | 108.3       | 40.27 | 108.2       | 40.25 |
|        | 46                              | 83.10                        | 31.94 | 95.00       | 36.76 | 94.90       | 36.75 | 94.80       | 36.73 | 94.90       | 36.72 | 94.70       | 36.68 | 94.80       | 36.70 |
|        | 48                              | 83.10                        | 33.94 | 86.50       | 35.28 | 86.40       | 35.26 | 86.40       | 35.25 | 86.50       | 35.27 | 86.30       | 35.25 | 86.40       | 35.25 |
|        | 50                              | 78.70                        | 33.50 | 78.50       | 33.46 | 78.40       | 33.40 | 78.40       | 33.41 | 78.30       | 33.38 | 78.30       | 33.36 | 78.30       | 33.38 |
|        | 52                              | 70.10                        | 29.95 | 70.50       | 29.44 | 70.80       | 28.60 | 70.90       | 28.44 | 70.80       | 28.23 | 70.80       | 28.07 | 70.90       | 27.96 |
| 120    | 10                              | 76.70                        | 7.58  | 96.90       | 9.93  | 118.5       | 13.70 | 127.7       | 15.75 | 137.9       | 18.43 | 146.7       | 21.04 | 153.5       | 23.27 |
|        | 12                              | 76.70                        | 8.21  | 96.90       | 10.91 | 118.5       | 15.14 | 127.7       | 17.40 | 137.9       | 20.32 | 146.7       | 23.15 | 153.5       | 25.44 |
|        | 14                              | 76.70                        | 8.60  | 96.90       | 11.84 | 118.5       | 16.72 | 127.7       | 19.20 | 137.9       | 22.38 | 146.7       | 25.22 | 153.5       | 27.37 |
|        | 16                              | 76.70                        | 8.86  | 96.90       | 12.84 | 118.5       | 18.31 | 127.7       | 21.04 | 137.9       | 24.18 | 146.7       | 27.12 | 153.5       | 29.60 |
|        | 18                              | 76.70                        | 9.61  | 96.90       | 14.10 | 118.5       | 20.15 | 127.7       | 22.90 | 137.9       | 26.26 | 146.7       | 29.48 | 153.5       | 31.98 |
|        | 20                              | 76.70                        | 10.61 | 96.90       | 15.53 | 118.5       | 21.96 | 127.7       | 25.09 | 137.9       | 28.62 | 146.7       | 31.90 | 153.5       | 34.37 |
|        | 21                              | 76.70                        | 11.15 | 96.90       | 16.26 | 118.5       | 23.01 | 127.7       | 26.16 | 137.9       | 29.66 | 146.7       | 33.05 | 153.5       | 35.68 |
|        | 23                              | 76.70                        | 12.42 | 96.90       | 18.03 | 118.5       | 25.13 | 127.7       | 28.34 | 137.9       | 31.88 | 146.7       | 35.30 | 153.5       | 37.73 |
|        | 25                              | 76.70                        | 13.82 | 96.90       | 19.98 | 118.5       | 27.06 | 127.7       | 30.42 | 137.9       | 34.10 | 146.7       | 37.61 | 153.5       | 40.01 |
|        | 27                              | 76.70                        | 15.50 | 96.90       | 21.61 | 118.5       | 29.10 | 127.7       | 32.36 | 137.9       | 36.68 | 146.7       | 39.85 | 153.5       | 42.56 |
|        | 29                              | 76.70                        | 16.98 | 96.90       | 23.04 | 118.5       | 31.02 | 127.7       | 34.88 | 137.9       | 39.19 | 146.7       | 42.61 | 153.5       | 44.93 |
|        | 31                              | 76.70                        | 18.09 | 96.90       | 24.57 | 118.5       | 33.08 | 127.7       | 37.22 | 137.9       | 41.61 | 146.7       | 45.06 | 153.5       | 47.52 |
|        | 33                              | 76.70                        | 19.28 | 96.90       | 26.19 | 118.5       | 35.29 | 127.7       | 39.75 | 137.9       | 44.25 | 146.7       | 47.73 | 153.5       | 50.40 |
|        | 35                              | 76.70                        | 20.56 | 96.90       | 27.94 | 118.5       | 37.70 | 127.7       | 42.27 | 137.9       | 47.06 | 146.7       | 50.69 | 148.5       | 51.47 |
|        | 37                              | 76.70                        | 21.93 | 96.90       | 29.81 | 118.5       | 40.32 | 127.7       | 45.04 | 137.4       | 49.40 | 138.0       | 49.67 | 137.9       | 49.62 |
|        | 39                              | 76.70                        | 23.39 | 96.90       | 31.81 | 118.5       | 42.34 | 127.4       | 46.51 | 127.9       | 46.80 | 127.7       | 46.77 | 127.7       | 46.77 |
|        | 41                              | 76.70                        | 24.94 | 96.90       | 33.96 | 118.0       | 43.24 | 117.9       | 43.22 | 117.8       | 43.18 | 117.8       | 43.19 | 117.8       | 43.17 |
|        | 43                              | 76.70                        | 26.61 | 96.90       | 35.57 | 108.5       | 40.36 | 108.5       | 40.32 | 108.3       | 40.29 | 108.3       | 40.27 | 108.3       | 40.30 |
|        | 46                              | 76.70                        | 29.33 | 95.00       | 36.79 | 94.90       | 36.73 | 94.90       | 36.73 | 94.80       | 36.72 | 94.80       | 36.70 | 94.80       | 36.69 |
|        | 48                              | 76.70                        | 31.06 | 86.50       | 35.29 | 86.50       | 35.29 | 86.50       | 35.30 | 86.30       | 35.26 | 86.30       | 35.24 | 86.30       | 35.21 |
|        | 50                              | 76.70                        | 32.83 | 78.60       | 33.46 | 78.40       | 33.41 | 78.40       | 33.42 | 78.40       | 33.43 | 78.20       | 33.33 | 78.40       | 33.37 |
|        | 52                              | 70.00                        | 29.90 | 70.40       | 29.80 | 70.80       | 28.95 | 70.80       | 28.79 | 70.90       | 28.61 | 70.90       | 28.46 | 70.80       | 28.36 |
| 110    | 10                              | 70.30                        | 7.04  | 88.80       | 8.88  | 108.7       | 11.81 | 117.0       | 13.39 | 126.4       | 15.46 | 134.4       | 17.47 | 140.6       | 19.22 |
|        | 12                              | 70.30                        | 7.56  | 88.80       | 9.70  | 108.7       | 13.03 | 117.0       | 14.79 | 126.4       | 17.07 | 134.4       | 19.28 | 140.6       | 21.18 |
|        | 14                              | 70.30                        | 7.77  | 88.80       | 10.34 | 108.7       | 14.26 | 117.0       | 16.34 | 126.4       | 18.84 | 134.4       | 21.25 | 140.6       | 23.31 |
|        | 16                              | 70.30                        | 7.91  | 88.80       | 11.10 | 108.7       | 15.73 | 117.0       | 17.90 | 126.4       | 20.65 | 134.4       | 23.10 | 140.6       | 25.20 |
|        | 18                              | 70.30                        | 8.43  | 88.80       | 12.19 | 108.7       | 17.27 | 117.0       | 19.70 | 126.4       | 22.43 | 134.4       | 25.18 | 140.6       | 27.35 |
|        | 20                              | 70.30                        | 9.27  | 88.80       | 13.46 | 108.7       | 18.90 | 117.0       | 21.52 | 126.4       | 24.59 | 134.4       | 27.48 | 140.6       | 29.63 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 70.30                        | 9.77  | 88.80       | 14.12 | 108.7       | 19.75 | 117.0       | 22.54 | 126.4       | 25.77 | 134.4       | 28.50 | 140.6       | 30.87 |
|        | 23                               | 70.30                        | 10.85 | 88.80       | 15.65 | 108.7       | 21.88 | 117.0       | 24.58 | 126.4       | 27.87 | 134.4       | 30.66 | 140.6       | 32.98 |
|        | 25                               | 70.30                        | 12.16 | 88.80       | 17.32 | 108.7       | 23.78 | 117.0       | 26.58 | 126.4       | 29.72 | 134.4       | 32.80 | 140.6       | 35.27 |
|        | 27                               | 70.30                        | 13.55 | 88.80       | 19.19 | 108.7       | 25.50 | 117.0       | 28.37 | 126.4       | 31.99 | 134.4       | 35.11 | 140.6       | 37.72 |
|        | 29                               | 70.30                        | 15.14 | 88.80       | 20.46 | 108.7       | 27.18 | 117.0       | 30.40 | 126.4       | 34.35 | 134.4       | 37.83 | 140.6       | 40.11 |
|        | 31                               | 70.30                        | 16.30 | 88.80       | 21.82 | 108.7       | 28.98 | 117.0       | 32.42 | 126.4       | 36.63 | 134.4       | 40.16 | 140.6       | 42.80 |
|        | 33                               | 70.30                        | 17.37 | 88.80       | 23.26 | 108.7       | 30.90 | 117.0       | 34.59 | 126.4       | 39.14 | 134.4       | 42.69 | 140.6       | 45.45 |
|        | 35                               | 70.30                        | 18.51 | 88.80       | 24.81 | 108.7       | 32.98 | 117.0       | 36.94 | 126.4       | 41.72 | 134.4       | 45.46 | 140.6       | 48.20 |
|        | 37                               | 70.30                        | 19.74 | 88.80       | 26.46 | 108.7       | 35.21 | 117.0       | 39.50 | 126.4       | 44.43 | 134.4       | 48.46 | 138.0       | 49.65 |
|        | 39                               | 70.30                        | 21.06 | 88.80       | 28.22 | 108.7       | 37.63 | 117.0       | 41.65 | 126.4       | 46.00 | 127.7       | 46.76 | 127.8       | 46.74 |
|        | 41                               | 70.30                        | 22.46 | 88.80       | 30.11 | 108.7       | 39.29 | 117.0       | 42.89 | 118.0       | 43.23 | 117.8       | 43.20 | 117.8       | 43.20 |
|        | 43                               | 70.30                        | 23.97 | 88.80       | 32.15 | 108.5       | 40.32 | 108.5       | 40.36 | 108.5       | 40.33 | 108.3       | 40.29 | 108.3       | 40.28 |
|        | 46                               | 70.30                        | 26.41 | 88.80       | 34.42 | 94.90       | 36.76 | 94.90       | 36.74 | 94.80       | 36.73 | 94.80       | 36.73 | 94.70       | 36.69 |
|        | 48                               | 70.30                        | 28.17 | 86.60       | 35.35 | 86.50       | 35.33 | 86.40       | 35.28 | 86.50       | 35.29 | 86.40       | 35.29 | 86.40       | 35.27 |
|        | 50                               | 70.30                        | 29.88 | 78.60       | 33.50 | 78.40       | 33.44 | 78.40       | 33.41 | 78.40       | 33.41 | 78.30       | 33.37 | 78.40       | 33.40 |
|        | 52                               | 69.80                        | 30.26 | 70.10       | 29.98 | 70.70       | 29.37 | 70.70       | 29.20 | 70.90       | 29.04 | 70.70       | 28.90 | 70.80       | 28.67 |
| 100    | 10                               | 63.90                        | 6.56  | 80.70       | 7.98  | 98.80       | 10.21 | 106.4       | 11.41 | 114.9       | 12.97 | 122.2       | 14.50 | 127.9       | 15.82 |
|        | 12                               | 63.90                        | 6.92  | 80.70       | 8.67  | 98.80       | 11.23 | 106.4       | 12.58 | 114.9       | 14.33 | 122.2       | 16.02 | 127.9       | 17.47 |
|        | 14                               | 63.90                        | 7.05  | 80.70       | 9.12  | 98.80       | 12.17 | 106.4       | 13.81 | 114.9       | 15.82 | 122.2       | 17.68 | 127.9       | 19.27 |
|        | 16                               | 63.90                        | 7.13  | 80.70       | 9.53  | 98.80       | 13.26 | 106.4       | 15.15 | 114.9       | 17.33 | 122.2       | 19.51 | 127.9       | 21.25 |
|        | 18                               | 63.90                        | 7.40  | 80.70       | 10.47 | 98.80       | 14.56 | 106.4       | 16.53 | 114.9       | 19.08 | 122.2       | 21.15 | 127.9       | 22.92 |
|        | 20                               | 63.90                        | 8.11  | 80.70       | 11.53 | 98.80       | 16.06 | 106.4       | 18.21 | 114.9       | 20.74 | 122.2       | 23.14 | 127.9       | 25.13 |
|        | 21                               | 63.90                        | 8.50  | 80.70       | 12.07 | 98.80       | 16.83 | 106.4       | 19.11 | 114.9       | 21.82 | 122.2       | 24.32 | 127.9       | 26.27 |
|        | 23                               | 63.90                        | 9.46  | 80.70       | 13.36 | 98.80       | 18.57 | 106.4       | 21.11 | 114.9       | 23.89 | 122.2       | 26.41 | 127.9       | 28.38 |
|        | 25                               | 63.90                        | 10.52 | 80.70       | 14.97 | 98.80       | 20.61 | 106.4       | 23.08 | 114.9       | 25.85 | 122.2       | 28.39 | 127.9       | 30.32 |
|        | 27                               | 63.90                        | 11.79 | 80.70       | 16.74 | 98.80       | 22.21 | 106.4       | 24.72 | 114.9       | 27.75 | 122.2       | 30.53 | 127.9       | 32.59 |
|        | 29                               | 63.90                        | 13.31 | 80.70       | 18.08 | 98.80       | 23.68 | 106.4       | 26.34 | 114.9       | 29.58 | 122.2       | 32.54 | 127.9       | 35.00 |
|        | 31                               | 63.90                        | 14.63 | 80.70       | 19.27 | 98.80       | 25.25 | 106.4       | 28.09 | 114.9       | 31.53 | 122.2       | 34.70 | 127.9       | 37.34 |
|        | 33                               | 63.90                        | 15.58 | 80.70       | 20.55 | 98.80       | 26.92 | 106.4       | 29.95 | 114.9       | 33.63 | 122.2       | 37.04 | 127.9       | 39.87 |
|        | 35                               | 63.90                        | 16.60 | 80.70       | 21.92 | 98.80       | 28.71 | 106.4       | 31.93 | 114.9       | 35.92 | 122.2       | 39.60 | 127.9       | 42.40 |
|        | 37                               | 63.90                        | 17.69 | 80.70       | 23.37 | 98.80       | 30.63 | 106.4       | 34.11 | 114.9       | 38.39 | 122.2       | 42.40 | 127.9       | 45.17 |
|        | 39                               | 63.90                        | 18.87 | 80.70       | 24.93 | 98.80       | 32.70 | 106.4       | 36.45 | 114.9       | 40.73 | 122.2       | 44.03 | 127.5       | 46.58 |
|        | 41                               | 63.90                        | 20.14 | 80.70       | 26.59 | 98.80       | 34.92 | 106.4       | 38.28 | 114.9       | 42.13 | 117.9       | 43.23 | 118.0       | 43.24 |
|        | 43                               | 63.90                        | 21.48 | 80.70       | 28.37 | 98.80       | 36.40 | 106.4       | 39.55 | 108.3       | 40.31 | 108.5       | 40.34 | 108.5       | 40.33 |
|        | 46                               | 63.90                        | 23.68 | 80.70       | 30.91 | 94.90       | 36.77 | 95.00       | 36.77 | 95.00       | 36.75 | 95.00       | 36.75 | 94.90       | 36.73 |
|        | 48                               | 63.90                        | 25.26 | 80.70       | 32.85 | 86.60       | 35.34 | 86.50       | 35.32 | 86.50       | 35.28 | 86.50       | 35.28 | 86.50       | 35.29 |
|        | 50                               | 63.90                        | 26.96 | 78.60       | 33.47 | 78.50       | 33.45 | 78.50       | 33.45 | 78.40       | 33.41 | 78.40       | 33.40 | 78.40       | 33.40 |
|        | 52                               | 63.90                        | 28.00 | 70.00       | 29.92 | 70.30       | 29.85 | 70.50       | 29.59 | 70.70       | 29.35 | 70.90       | 29.10 | 70.90       | 28.89 |
| 90     | 10                               | 57.60                        | 6.11  | 72.60       | 7.23  | 88.90       | 8.88  | 95.70       | 9.78  | 103.4       | 10.93 | 110.0       | 12.04 | 115.1       | 13.01 |
|        | 12                               | 57.60                        | 6.22  | 72.60       | 7.79  | 88.90       | 9.72  | 95.70       | 10.74 | 103.4       | 12.04 | 110.0       | 13.29 | 115.1       | 14.38 |
|        | 14                               | 57.60                        | 6.30  | 72.60       | 8.04  | 88.90       | 10.34 | 95.70       | 11.62 | 103.4       | 13.10 | 110.0       | 14.57 | 115.1       | 15.87 |
|        | 16                               | 57.60                        | 6.45  | 72.60       | 8.18  | 88.90       | 11.11 | 95.70       | 12.60 | 103.4       | 14.40 | 110.0       | 16.07 | 115.1       | 17.43 |
|        | 18                               | 57.60                        | 6.53  | 72.60       | 8.87  | 88.90       | 12.19 | 95.70       | 13.78 | 103.4       | 15.76 | 110.0       | 17.63 | 115.1       | 18.99 |
|        | 20                               | 57.60                        | 7.05  | 72.60       | 9.76  | 88.90       | 13.47 | 95.70       | 15.23 | 103.4       | 17.31 | 110.0       | 19.29 | 115.1       | 20.89 |
|        | 21                               | 57.60                        | 7.38  | 72.60       | 10.26 | 88.90       | 14.13 | 95.70       | 15.97 | 103.4       | 18.18 | 110.0       | 20.23 | 115.1       | 21.82 |
|        | 23                               | 57.60                        | 8.17  | 72.60       | 11.40 | 88.90       | 15.66 | 95.70       | 17.64 | 103.4       | 20.11 | 110.0       | 22.30 | 115.1       | 23.94 |
|        | 25                               | 57.60                        | 9.12  | 72.60       | 12.70 | 88.90       | 17.39 | 95.70       | 19.67 | 103.4       | 22.12 | 110.0       | 24.36 | 115.1       | 25.95 |
|        | 27                               | 57.60                        | 10.18 | 72.60       | 14.26 | 88.90       | 19.22 | 95.70       | 21.26 | 103.4       | 23.72 | 110.0       | 25.97 | 115.1       | 27.82 |
|        | 29                               | 57.60                        | 11.53 | 72.60       | 15.90 | 88.90       | 20.50 | 95.70       | 22.66 | 103.4       | 25.29 | 110.0       | 27.68 | 115.1       | 29.65 |
|        | 31                               | 57.60                        | 12.98 | 72.60       | 16.94 | 88.90       | 21.85 | 95.70       | 24.17 | 103.4       | 26.96 | 110.0       | 29.51 | 115.1       | 31.62 |
|        | 33                               | 57.60                        | 13.91 | 72.60       | 18.05 | 88.90       | 23.30 | 95.70       | 25.78 | 103.4       | 28.76 | 110.0       | 31.47 | 115.1       | 33.73 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 57.60                        | 14.80 | 72.60       | 19.25 | 88.90       | 24.85 | 95.70       | 27.49 | 103.4       | 30.67 | 110.0       | 33.58 | 115.1       | 36.01 |
|        | 37                              | 57.60                        | 15.78 | 72.60       | 20.52 | 88.90       | 26.50 | 95.70       | 29.31 | 103.4       | 32.73 | 110.0       | 35.87 | 115.1       | 38.49 |
|        | 39                              | 57.60                        | 16.83 | 72.60       | 21.89 | 88.90       | 28.27 | 95.70       | 31.29 | 103.4       | 34.95 | 110.0       | 38.35 | 115.1       | 40.82 |
|        | 41                              | 57.60                        | 17.95 | 72.60       | 23.34 | 88.90       | 30.16 | 95.70       | 33.40 | 103.4       | 37.01 | 110.0       | 39.88 | 115.1       | 42.22 |
|        | 43                              | 57.60                        | 19.16 | 72.60       | 24.90 | 88.90       | 32.20 | 95.70       | 35.08 | 103.4       | 38.47 | 108.5       | 40.33 | 108.4       | 40.32 |
|        | 46                              | 57.60                        | 21.12 | 72.60       | 27.44 | 88.90       | 34.47 | 95.00       | 36.80 | 95.00       | 36.76 | 94.90       | 36.76 | 95.00       | 36.76 |
|        | 48                              | 57.60                        | 22.54 | 72.60       | 29.29 | 86.70       | 35.37 | 86.50       | 35.33 | 86.50       | 35.31 | 86.50       | 35.30 | 86.50       | 35.30 |
|        | 50                              | 57.60                        | 24.06 | 72.60       | 30.94 | 78.60       | 33.50 | 78.60       | 33.49 | 78.50       | 33.45 | 78.50       | 33.44 | 78.50       | 33.44 |
|        | 52                              | 57.60                        | 25.68 | 69.90       | 29.84 | 70.20       | 30.11 | 70.40       | 29.86 | 70.60       | 29.57 | 70.70       | 29.32 | 70.90       | 29.13 |
| 80     | 10                              | 51.10                        | 5.46  | 64.60       | 6.61  | 79.00       | 7.81  | 85.10       | 8.45  | 91.90       | 9.26  | 97.70       | 10.06 | 102.4       | 10.75 |
|        | 12                              | 51.10                        | 5.61  | 64.60       | 6.99  | 79.00       | 8.47  | 85.10       | 9.21  | 91.90       | 10.15 | 97.70       | 11.06 | 102.4       | 11.84 |
|        | 14                              | 51.10                        | 5.67  | 64.60       | 7.09  | 79.00       | 8.89  | 85.10       | 9.72  | 91.90       | 10.85 | 97.70       | 12.00 | 102.4       | 12.88 |
|        | 16                              | 51.10                        | 5.75  | 64.60       | 7.21  | 79.00       | 9.26  | 85.10       | 10.31 | 91.90       | 11.77 | 97.70       | 13.06 | 102.4       | 14.15 |
|        | 18                              | 51.10                        | 5.89  | 64.60       | 7.49  | 79.00       | 10.08 | 85.10       | 11.40 | 91.90       | 12.89 | 97.70       | 14.30 | 102.4       | 15.48 |
|        | 20                              | 51.10                        | 6.11  | 64.60       | 8.22  | 79.00       | 11.11 | 85.10       | 12.55 | 91.90       | 14.22 | 97.70       | 15.72 | 102.4       | 17.06 |
|        | 21                              | 51.10                        | 6.35  | 64.60       | 8.61  | 79.00       | 11.70 | 85.10       | 13.18 | 91.90       | 14.92 | 97.70       | 16.54 | 102.4       | 17.85 |
|        | 23                              | 51.10                        | 7.02  | 64.60       | 9.58  | 79.00       | 12.96 | 85.10       | 14.64 | 91.90       | 16.51 | 97.70       | 18.25 | 102.4       | 19.75 |
|        | 25                              | 51.10                        | 7.77  | 64.60       | 10.66 | 79.00       | 14.46 | 85.10       | 16.22 | 91.90       | 18.40 | 97.70       | 20.31 | 102.4       | 21.72 |
|        | 27                              | 51.10                        | 8.76  | 64.60       | 11.96 | 79.00       | 16.22 | 85.10       | 17.99 | 91.90       | 20.12 | 97.70       | 21.90 | 102.4       | 23.36 |
|        | 29                              | 51.10                        | 9.88  | 64.60       | 13.48 | 79.00       | 17.60 | 85.10       | 19.35 | 91.90       | 21.45 | 97.70       | 23.34 | 102.4       | 24.91 |
|        | 31                              | 51.10                        | 11.20 | 64.60       | 14.79 | 79.00       | 18.77 | 85.10       | 20.63 | 91.90       | 22.87 | 97.70       | 24.89 | 102.4       | 26.55 |
|        | 33                              | 51.10                        | 12.36 | 64.60       | 15.75 | 79.00       | 20.01 | 85.10       | 22.00 | 91.90       | 24.38 | 97.70       | 26.54 | 102.4       | 28.31 |
|        | 35                              | 51.10                        | 13.14 | 64.60       | 16.78 | 79.00       | 21.33 | 85.10       | 23.45 | 91.90       | 26.00 | 97.70       | 28.30 | 102.4       | 30.20 |
|        | 37                              | 51.10                        | 13.99 | 64.60       | 17.89 | 79.00       | 22.76 | 85.10       | 25.02 | 91.90       | 27.73 | 97.70       | 30.19 | 102.4       | 32.23 |
|        | 39                              | 51.10                        | 14.92 | 64.60       | 19.08 | 79.00       | 24.26 | 85.10       | 26.68 | 91.90       | 29.58 | 97.70       | 32.23 | 102.4       | 34.41 |
|        | 41                              | 51.10                        | 15.91 | 64.60       | 20.36 | 79.00       | 25.89 | 85.10       | 28.47 | 91.90       | 31.57 | 97.70       | 34.42 | 102.4       | 36.53 |
|        | 43                              | 51.10                        | 16.98 | 64.60       | 21.72 | 79.00       | 27.61 | 85.10       | 30.37 | 91.90       | 33.46 | 97.70       | 35.96 | 102.4       | 37.97 |
|        | 46                              | 51.10                        | 18.73 | 64.60       | 23.94 | 79.00       | 30.19 | 85.10       | 32.80 | 91.90       | 35.59 | 94.90       | 36.75 | 94.90       | 36.75 |
|        | 48                              | 51.10                        | 20.01 | 64.60       | 25.55 | 79.00       | 32.08 | 85.10       | 34.87 | 86.50       | 35.31 | 86.50       | 35.31 | 86.50       | 35.27 |
|        | 50                              | 51.10                        | 21.37 | 64.60       | 27.26 | 78.60       | 33.48 | 78.60       | 33.48 | 78.50       | 33.45 | 78.50       | 33.43 | 78.40       | 33.42 |
|        | 52                              | 51.10                        | 22.81 | 64.60       | 28.30 | 70.00       | 29.92 | 70.20       | 29.98 | 70.40       | 29.90 | 70.50       | 29.63 | 70.70       | 29.44 |
| 70     | 10                              | 44.80                        | 4.46  | 56.50       | 6.05  | 69.10       | 6.94  | 74.50       | 7.39  | 80.40       | 7.95  | 85.50       | 8.50  | 89.50       | 8.96  |
|        | 12                              | 44.80                        | 5.07  | 56.50       | 6.11  | 69.10       | 7.45  | 74.50       | 7.98  | 80.40       | 8.64  | 85.50       | 9.27  | 89.50       | 9.81  |
|        | 14                              | 44.80                        | 5.10  | 56.50       | 6.23  | 69.10       | 7.61  | 74.50       | 8.27  | 80.40       | 9.09  | 85.50       | 9.82  | 89.50       | 10.46 |
|        | 16                              | 44.80                        | 5.17  | 56.50       | 6.31  | 69.10       | 7.78  | 74.50       | 8.51  | 80.40       | 9.49  | 85.50       | 10.40 | 89.50       | 11.24 |
|        | 18                              | 44.80                        | 5.22  | 56.50       | 6.46  | 69.10       | 8.24  | 74.50       | 9.18  | 80.40       | 10.36 | 85.50       | 11.43 | 89.50       | 12.34 |
|        | 20                              | 44.80                        | 5.31  | 56.50       | 6.91  | 69.10       | 9.06  | 74.50       | 10.15 | 80.40       | 11.42 | 85.50       | 12.59 | 89.50       | 13.63 |
|        | 21                              | 44.80                        | 5.52  | 56.50       | 7.22  | 69.10       | 9.50  | 74.50       | 10.68 | 80.40       | 12.01 | 85.50       | 13.27 | 89.50       | 14.29 |
|        | 23                              | 44.80                        | 6.03  | 56.50       | 7.99  | 69.10       | 10.56 | 74.50       | 11.84 | 80.40       | 13.35 | 85.50       | 14.67 | 89.50       | 15.83 |
|        | 25                              | 44.80                        | 6.65  | 56.50       | 8.91  | 69.10       | 11.84 | 74.50       | 13.24 | 80.40       | 14.83 | 85.50       | 16.39 | 89.50       | 17.59 |
|        | 27                              | 44.80                        | 7.41  | 56.50       | 9.97  | 69.10       | 13.25 | 74.50       | 14.81 | 80.40       | 16.64 | 85.50       | 18.14 | 89.50       | 19.41 |
|        | 29                              | 44.80                        | 8.36  | 56.50       | 11.29 | 69.10       | 14.87 | 74.50       | 16.37 | 80.40       | 18.00 | 85.50       | 19.48 | 89.50       | 20.69 |
|        | 31                              | 44.80                        | 9.48  | 56.50       | 12.74 | 69.10       | 15.98 | 74.50       | 17.44 | 80.40       | 19.20 | 85.50       | 20.77 | 89.50       | 22.06 |
|        | 33                              | 44.80                        | 10.79 | 56.50       | 13.65 | 69.10       | 17.02 | 74.50       | 18.59 | 80.40       | 20.46 | 85.50       | 22.15 | 89.50       | 23.53 |
|        | 35                              | 44.80                        | 11.61 | 56.50       | 14.53 | 69.10       | 18.15 | 74.50       | 19.82 | 80.40       | 21.82 | 85.50       | 23.61 | 89.50       | 25.09 |
|        | 37                              | 44.80                        | 12.35 | 56.50       | 15.48 | 69.10       | 19.35 | 74.50       | 21.14 | 80.40       | 23.28 | 85.50       | 25.18 | 89.50       | 26.76 |
|        | 39                              | 44.80                        | 13.14 | 56.50       | 16.51 | 69.10       | 20.65 | 74.50       | 22.55 | 80.40       | 24.82 | 85.50       | 26.86 | 89.50       | 28.54 |
|        | 41                              | 44.80                        | 14.01 | 56.50       | 17.61 | 69.10       | 22.01 | 74.50       | 24.06 | 80.40       | 26.48 | 85.50       | 28.67 | 89.50       | 30.45 |
|        | 43                              | 44.80                        | 14.96 | 56.50       | 18.79 | 69.10       | 23.49 | 74.50       | 25.66 | 80.40       | 28.24 | 85.50       | 30.58 | 89.50       | 32.51 |
|        | 46                              | 44.80                        | 16.50 | 56.50       | 20.72 | 69.10       | 25.89 | 74.50       | 28.28 | 80.40       | 30.80 | 85.50       | 32.99 | 89.50       | 34.76 |
|        | 48                              | 44.80                        | 17.63 | 56.50       | 22.12 | 69.10       | 27.62 | 74.50       | 30.18 | 80.40       | 32.73 | 85.50       | 35.07 | 86.60       | 35.34 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 44.80                        | 18.85 | 56.50       | 23.61 | 69.10       | 29.47 | 74.50       | 31.77 | 78.60       | 33.48 | 78.60       | 33.46 | 78.50       | 33.47 |
|        | 52                              | 44.80                        | 20.13 | 56.50       | 25.20 | 69.10       | 30.39 | 70.00       | 29.89 | 70.10       | 29.95 | 70.30       | 30.03 | 70.40       | 29.84 |
| 60     | 10                              | 38.40                        | 3.51  | 48.40       | 5.03  | 59.30       | 6.26  | 63.80       | 6.56  | 69.00       | 6.92  | 73.30       | 7.29  | 76.70       | 7.60  |
|        | 12                              | 38.40                        | 4.51  | 48.40       | 5.36  | 59.30       | 6.37  | 63.80       | 6.91  | 69.00       | 7.44  | 73.30       | 7.86  | 76.70       | 8.22  |
|        | 14                              | 38.40                        | 4.57  | 48.40       | 5.43  | 59.30       | 6.53  | 63.80       | 7.05  | 69.00       | 7.62  | 73.30       | 8.14  | 76.70       | 8.60  |
|        | 16                              | 38.40                        | 4.60  | 48.40       | 5.49  | 59.30       | 6.61  | 63.80       | 7.13  | 69.00       | 7.75  | 73.30       | 8.30  | 76.70       | 8.90  |
|        | 18                              | 38.40                        | 4.66  | 48.40       | 5.61  | 59.30       | 6.77  | 63.80       | 7.40  | 69.00       | 8.20  | 73.30       | 8.98  | 76.70       | 9.60  |
|        | 20                              | 38.40                        | 4.72  | 48.40       | 5.76  | 59.30       | 7.29  | 63.80       | 8.11  | 69.00       | 9.03  | 73.30       | 9.88  | 76.70       | 10.66 |
|        | 21                              | 38.40                        | 4.75  | 48.40       | 6.00  | 59.30       | 7.69  | 63.80       | 8.49  | 69.00       | 9.50  | 73.30       | 10.41 | 76.70       | 11.22 |
|        | 23                              | 38.40                        | 5.11  | 48.40       | 6.60  | 59.30       | 8.51  | 63.80       | 9.46  | 69.00       | 10.57 | 73.30       | 11.54 | 76.70       | 12.43 |
|        | 25                              | 38.40                        | 5.61  | 48.40       | 7.31  | 59.30       | 9.48  | 63.80       | 10.52 | 69.00       | 11.74 | 73.30       | 12.94 | 76.70       | 13.82 |
|        | 27                              | 38.40                        | 6.22  | 48.40       | 8.13  | 59.30       | 10.59 | 63.80       | 11.79 | 69.00       | 13.14 | 73.30       | 14.45 | 76.70       | 15.48 |
|        | 29                              | 38.40                        | 6.97  | 48.40       | 9.19  | 59.30       | 11.97 | 63.80       | 13.30 | 69.00       | 14.78 | 73.30       | 16.08 | 76.70       | 16.98 |
|        | 31                              | 38.40                        | 7.96  | 48.40       | 10.50 | 59.30       | 13.48 | 63.80       | 14.60 | 69.00       | 15.93 | 73.30       | 17.12 | 76.70       | 18.09 |
|        | 33                              | 38.40                        | 9.11  | 48.40       | 11.74 | 59.30       | 14.34 | 63.80       | 15.54 | 69.00       | 16.98 | 73.30       | 18.25 | 76.70       | 19.30 |
|        | 35                              | 38.40                        | 10.07 | 48.40       | 12.48 | 59.30       | 15.27 | 63.80       | 16.57 | 69.00       | 18.10 | 73.30       | 19.46 | 76.70       | 20.58 |
|        | 37                              | 38.40                        | 10.70 | 48.40       | 13.27 | 59.30       | 16.28 | 63.80       | 17.66 | 69.00       | 19.29 | 73.30       | 20.75 | 76.70       | 21.94 |
|        | 39                              | 38.40                        | 11.45 | 48.40       | 14.15 | 59.30       | 17.37 | 63.80       | 18.83 | 69.00       | 20.58 | 73.30       | 22.14 | 76.70       | 23.40 |
|        | 41                              | 38.40                        | 12.21 | 48.40       | 15.08 | 59.30       | 18.53 | 63.80       | 20.10 | 69.00       | 21.95 | 73.30       | 23.61 | 76.70       | 24.96 |
|        | 43                              | 38.40                        | 13.04 | 48.40       | 16.10 | 59.30       | 19.77 | 63.80       | 21.44 | 69.00       | 23.41 | 73.30       | 25.19 | 76.70       | 26.63 |
|        | 46                              | 38.40                        | 14.43 | 48.40       | 17.77 | 59.30       | 21.80 | 63.80       | 23.63 | 69.00       | 25.80 | 73.30       | 27.76 | 76.70       | 29.35 |
|        | 48                              | 38.40                        | 15.42 | 48.40       | 18.98 | 59.30       | 23.26 | 63.80       | 25.21 | 69.00       | 27.53 | 73.30       | 29.61 | 76.70       | 31.07 |
|        | 50                              | 38.40                        | 16.49 | 48.40       | 20.28 | 59.30       | 24.82 | 63.80       | 26.90 | 69.00       | 29.38 | 73.30       | 31.25 | 76.70       | 32.84 |
|        | 52                              | 38.40                        | 17.64 | 48.40       | 21.66 | 59.30       | 26.48 | 63.80       | 27.95 | 69.00       | 30.31 | 69.90       | 29.87 | 70.00       | 29.91 |
| 50     | 10                              | 31.90                        | 2.92  | 40.30       | 3.79  | 49.40       | 5.18  | 53.20       | 5.69  | 57.40       | 6.10  | 61.10       | 6.38  | 64.00       | 6.56  |
|        | 12                              | 31.90                        | 4.01  | 40.30       | 4.68  | 49.40       | 5.42  | 53.20       | 5.81  | 57.40       | 6.22  | 61.10       | 6.61  | 64.00       | 6.92  |
|        | 14                              | 31.90                        | 4.11  | 40.30       | 4.74  | 49.40       | 5.52  | 53.20       | 5.89  | 57.40       | 6.30  | 61.10       | 6.69  | 64.00       | 7.06  |
|        | 16                              | 31.90                        | 4.14  | 40.30       | 4.80  | 49.40       | 5.60  | 53.20       | 5.95  | 57.40       | 6.41  | 61.10       | 6.81  | 64.00       | 7.14  |
|        | 18                              | 31.90                        | 4.17  | 40.30       | 4.87  | 49.40       | 5.66  | 53.20       | 6.07  | 57.40       | 6.53  | 61.10       | 7.05  | 64.00       | 7.41  |
|        | 20                              | 31.90                        | 4.22  | 40.30       | 4.94  | 49.40       | 5.84  | 53.20       | 6.37  | 57.40       | 7.01  | 61.10       | 7.64  | 64.00       | 8.16  |
|        | 21                              | 31.90                        | 4.24  | 40.30       | 4.99  | 49.40       | 6.14  | 53.20       | 6.70  | 57.40       | 7.39  | 61.10       | 8.04  | 64.00       | 8.50  |
|        | 23                              | 31.90                        | 4.39  | 40.30       | 5.40  | 49.40       | 6.73  | 53.20       | 7.36  | 57.40       | 8.17  | 61.10       | 8.92  | 64.00       | 9.48  |
|        | 25                              | 31.90                        | 4.71  | 40.30       | 5.92  | 49.40       | 7.48  | 53.20       | 8.20  | 57.40       | 9.05  | 61.10       | 9.86  | 64.00       | 10.57 |
|        | 27                              | 31.90                        | 5.20  | 40.30       | 6.59  | 49.40       | 8.33  | 53.20       | 9.20  | 57.40       | 10.19 | 61.10       | 11.09 | 64.00       | 11.82 |
|        | 29                              | 31.90                        | 5.80  | 40.30       | 7.45  | 49.40       | 9.46  | 53.20       | 10.36 | 57.40       | 11.46 | 61.10       | 12.56 | 64.00       | 13.32 |
|        | 31                              | 31.90                        | 6.54  | 40.30       | 8.43  | 49.40       | 10.69 | 53.20       | 11.80 | 57.40       | 12.95 | 61.10       | 13.93 | 64.00       | 14.63 |
|        | 33                              | 31.90                        | 7.50  | 40.30       | 9.70  | 49.40       | 11.89 | 53.20       | 12.84 | 57.40       | 13.89 | 61.10       | 14.82 | 64.00       | 15.58 |
|        | 35                              | 31.90                        | 8.60  | 40.30       | 10.51 | 49.40       | 12.71 | 53.20       | 13.67 | 57.40       | 14.79 | 61.10       | 15.79 | 64.00       | 16.60 |
|        | 37                              | 31.90                        | 9.18  | 40.30       | 11.26 | 49.40       | 13.52 | 53.20       | 14.55 | 57.40       | 15.76 | 61.10       | 16.83 | 64.00       | 17.70 |
|        | 39                              | 31.90                        | 9.74  | 40.30       | 11.99 | 49.40       | 14.41 | 53.20       | 15.51 | 57.40       | 16.81 | 61.10       | 17.95 | 64.00       | 18.88 |
|        | 41                              | 31.90                        | 10.36 | 40.30       | 12.78 | 49.40       | 15.37 | 53.20       | 16.55 | 57.40       | 17.92 | 61.10       | 19.15 | 64.00       | 20.14 |
|        | 43                              | 31.90                        | 11.04 | 40.30       | 13.64 | 49.40       | 16.41 | 53.20       | 17.66 | 57.40       | 19.13 | 61.10       | 20.44 | 64.00       | 21.49 |
|        | 46                              | 31.90                        | 12.20 | 40.30       | 15.06 | 49.40       | 18.11 | 53.20       | 19.49 | 57.40       | 21.10 | 61.10       | 22.52 | 64.00       | 23.68 |
|        | 48                              | 31.90                        | 13.08 | 40.30       | 16.09 | 49.40       | 19.34 | 53.20       | 20.80 | 57.40       | 22.51 | 61.10       | 24.04 | 64.00       | 25.27 |
|        | 50                              | 31.90                        | 14.05 | 40.30       | 17.21 | 49.40       | 20.66 | 53.20       | 22.20 | 57.40       | 24.03 | 61.10       | 25.65 | 64.00       | 26.96 |
|        | 52                              | 31.90                        | 15.11 | 40.30       | 18.40 | 49.40       | 22.06 | 53.20       | 23.70 | 57.40       | 25.65 | 61.10       | 26.73 | 64.00       | 28.01 |

## Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM400LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 87.40                        | 8.82  | 110.4       | 12.24 | 135.2       | 17.78 | 145.6       | 20.80 | 157.2       | 24.76 | 167.2       | 28.02 | 175.0       | 30.50 |
|        | 12                         | 87.40                        | 9.64  | 110.4       | 13.52 | 135.2       | 19.62 | 145.6       | 22.90 | 157.2       | 27.16 | 167.2       | 30.40 | 175.0       | 32.96 |
|        | 14                         | 87.40                        | 10.16 | 110.4       | 14.92 | 135.2       | 21.64 | 145.6       | 25.20 | 157.2       | 29.10 | 167.2       | 32.62 | 175.0       | 35.62 |
|        | 16                         | 87.40                        | 10.96 | 110.4       | 16.48 | 135.2       | 23.86 | 145.6       | 27.28 | 157.2       | 31.54 | 167.2       | 35.28 | 175.0       | 38.50 |
|        | 18                         | 87.40                        | 12.04 | 110.4       | 18.00 | 135.2       | 25.84 | 145.6       | 29.74 | 157.2       | 34.24 | 167.2       | 37.88 | 175.0       | 40.70 |
|        | 20                         | 87.40                        | 13.36 | 110.4       | 19.78 | 135.2       | 28.36 | 145.6       | 32.18 | 157.2       | 36.38 | 167.2       | 40.32 | 175.0       | 42.54 |
|        | 21                         | 87.40                        | 14.04 | 110.4       | 20.66 | 135.2       | 29.36 | 145.6       | 33.22 | 157.2       | 37.50 | 167.2       | 41.28 | 175.0       | 43.50 |
|        | 23                         | 87.40                        | 15.48 | 110.4       | 22.96 | 135.2       | 31.50 | 145.6       | 35.38 | 157.2       | 40.32 | 167.2       | 43.32 | 175.0       | 45.58 |
|        | 25                         | 87.40                        | 17.28 | 110.4       | 24.94 | 135.2       | 33.60 | 145.6       | 37.88 | 157.2       | 42.44 | 167.2       | 45.54 | 175.0       | 47.86 |
|        | 27                         | 87.40                        | 19.16 | 110.4       | 26.58 | 135.2       | 36.04 | 145.6       | 40.86 | 157.2       | 44.74 | 167.2       | 47.96 | 175.0       | 50.40 |
|        | 29                         | 87.40                        | 20.44 | 110.4       | 28.34 | 135.2       | 38.92 | 145.6       | 43.16 | 157.2       | 47.22 | 167.2       | 50.62 | 175.0       | 53.22 |
|        | 31                         | 87.40                        | 21.80 | 110.4       | 30.22 | 135.2       | 41.56 | 145.6       | 45.64 | 157.2       | 49.94 | 167.2       | 53.62 | 175.0       | 56.46 |
|        | 33                         | 87.40                        | 23.26 | 110.4       | 32.24 | 135.2       | 44.28 | 145.6       | 48.32 | 157.2       | 52.96 | 165.4       | 56.26 | 165.4       | 56.28 |
|        | 35                         | 87.40                        | 24.80 | 110.4       | 34.40 | 135.2       | 46.92 | 145.6       | 51.26 | 154.6       | 55.20 | 154.6       | 55.22 | 154.6       | 55.22 |
|        | 37                         | 87.40                        | 26.46 | 110.4       | 36.74 | 135.2       | 49.80 | 144.0       | 53.14 | 144.2       | 53.14 | 144.0       | 53.12 | 144.0       | 53.10 |
|        | 39                         | 87.40                        | 28.22 | 110.4       | 39.26 | 133.8       | 49.40 | 133.6       | 49.36 | 133.6       | 49.32 | 133.6       | 49.34 | 133.6       | 49.32 |
|        | 41                         | 87.40                        | 30.10 | 110.4       | 40.96 | 123.8       | 45.90 | 123.6       | 45.88 | 123.6       | 45.84 | 123.4       | 45.78 | 123.6       | 45.84 |
|        | 43                         | 87.40                        | 32.14 | 110.4       | 41.58 | 114.0       | 42.88 | 113.8       | 42.88 | 113.8       | 42.82 | 113.8       | 42.86 | 113.6       | 42.80 |
|        | 46                         | 87.40                        | 34.38 | 100.2       | 39.34 | 100.0       | 39.32 | 100.0       | 39.32 | 100.0       | 39.28 | 99.80       | 39.24 | 100.0       | 39.28 |
|        | 48                         | 87.40                        | 36.40 | 91.40       | 38.02 | 91.20       | 37.96 | 91.20       | 37.94 | 91.40       | 38.00 | 91.20       | 37.98 | 91.20       | 37.96 |
|        | 50                         | 83.40                        | 36.34 | 83.20       | 36.28 | 83.00       | 36.20 | 83.00       | 36.24 | 83.00       | 36.20 | 82.80       | 36.16 | 82.80       | 36.16 |
|        | 52                         | 73.60                        | 32.40 | 74.60       | 31.44 | 75.20       | 29.78 | 75.20       | 29.42 | 75.20       | 29.04 | 75.20       | 28.70 | 75.20       | 28.48 |
| 120    | 10                         | 80.80                        | 8.08  | 102.0       | 10.80 | 124.8       | 15.18 | 134.4       | 17.56 | 145.2       | 20.68 | 154.4       | 23.72 | 161.6       | 26.28 |
|        | 12                         | 80.80                        | 8.78  | 102.0       | 11.90 | 124.8       | 16.78 | 134.4       | 19.40 | 145.2       | 22.78 | 154.4       | 26.06 | 161.6       | 28.60 |
|        | 14                         | 80.80                        | 9.26  | 102.0       | 13.12 | 124.8       | 18.54 | 134.4       | 21.40 | 145.2       | 25.06 | 154.4       | 28.16 | 161.6       | 30.66 |
|        | 16                         | 80.80                        | 9.60  | 102.0       | 14.24 | 124.8       | 20.46 | 134.4       | 23.58 | 145.2       | 27.10 | 154.4       | 30.36 | 161.6       | 33.20 |
|        | 18                         | 80.80                        | 10.58 | 102.0       | 15.66 | 124.8       | 22.58 | 134.4       | 25.60 | 145.2       | 29.38 | 154.4       | 33.04 | 161.6       | 35.78 |
|        | 20                         | 80.80                        | 11.66 | 102.0       | 17.26 | 124.8       | 24.46 | 134.4       | 28.08 | 145.2       | 31.84 | 154.4       | 35.40 | 161.6       | 37.98 |
|        | 21                         | 80.80                        | 12.26 | 102.0       | 18.06 | 124.8       | 25.70 | 134.4       | 29.10 | 145.2       | 32.84 | 154.4       | 36.52 | 161.6       | 39.62 |
|        | 23                         | 80.80                        | 13.68 | 102.0       | 19.98 | 124.8       | 27.84 | 134.4       | 31.24 | 145.2       | 35.18 | 154.4       | 39.02 | 161.6       | 41.64 |
|        | 25                         | 80.80                        | 15.20 | 102.0       | 22.18 | 124.8       | 29.60 | 134.4       | 33.34 | 145.2       | 37.66 | 154.4       | 41.54 | 161.6       | 43.80 |
|        | 27                         | 80.80                        | 17.08 | 102.0       | 23.66 | 124.8       | 32.06 | 134.4       | 35.74 | 145.2       | 40.74 | 154.4       | 43.78 | 161.6       | 46.14 |
|        | 29                         | 80.80                        | 18.44 | 102.0       | 25.22 | 124.8       | 34.18 | 134.4       | 38.54 | 145.2       | 43.02 | 154.4       | 46.22 | 161.6       | 48.70 |
|        | 31                         | 80.80                        | 19.66 | 102.0       | 26.90 | 124.8       | 36.46 | 134.4       | 41.14 | 145.2       | 45.48 | 154.4       | 48.88 | 161.6       | 51.52 |
|        | 33                         | 80.80                        | 20.96 | 102.0       | 28.68 | 124.8       | 38.92 | 134.4       | 43.96 | 145.2       | 48.16 | 154.4       | 51.80 | 161.6       | 54.70 |
|        | 35                         | 80.80                        | 22.36 | 102.0       | 30.60 | 124.8       | 41.60 | 134.4       | 46.58 | 145.2       | 51.10 | 154.4       | 55.08 | 154.8       | 55.28 |
|        | 37                         | 80.80                        | 23.86 | 102.0       | 32.66 | 124.8       | 44.54 | 134.4       | 49.44 | 144.2       | 53.16 | 144.2       | 53.16 | 144.0       | 53.12 |
|        | 39                         | 80.80                        | 25.44 | 102.0       | 34.86 | 124.8       | 46.06 | 133.8       | 49.42 | 133.8       | 49.38 | 133.6       | 49.36 | 133.6       | 49.34 |
|        | 41                         | 80.80                        | 27.14 | 102.0       | 37.24 | 123.8       | 45.90 | 123.6       | 45.86 | 123.6       | 45.82 | 123.4       | 45.80 | 123.4       | 45.78 |
|        | 43                         | 80.80                        | 28.96 | 102.0       | 38.38 | 114.0       | 42.92 | 114.0       | 42.88 | 113.8       | 42.84 | 113.8       | 42.84 | 113.8       | 42.86 |
|        | 46                         | 80.80                        | 31.94 | 100.2       | 39.40 | 100.0       | 39.28 | 100.0       | 39.28 | 100.0       | 39.30 | 100.0       | 39.28 | 100.0       | 39.26 |
|        | 48                         | 80.80                        | 33.60 | 91.40       | 38.02 | 91.40       | 38.02 | 91.40       | 38.02 | 91.20       | 37.98 | 91.20       | 37.96 | 91.20       | 37.92 |
|        | 50                         | 80.80                        | 35.22 | 83.20       | 36.26 | 83.00       | 36.24 | 83.00       | 36.24 | 83.00       | 36.24 | 83.00       | 36.24 | 83.00       | 36.16 |
|        | 52                         | 73.40                        | 32.30 | 74.20       | 32.12 | 75.20       | 30.46 | 75.20       | 30.14 | 75.20       | 29.76 | 75.20       | 29.46 | 75.20       | 29.30 |
| 110    | 10                         | 74.00                        | 7.46  | 93.40       | 9.58  | 114.4       | 12.98 | 123.2       | 14.82 | 133.0       | 17.22 | 141.4       | 19.56 | 148.0       | 21.60 |
|        | 12                         | 74.00                        | 8.04  | 93.40       | 10.50 | 114.4       | 14.34 | 123.2       | 16.38 | 133.0       | 19.02 | 141.4       | 21.58 | 148.0       | 23.78 |
|        | 14                         | 74.00                        | 8.30  | 93.40       | 11.22 | 114.4       | 15.84 | 123.2       | 18.10 | 133.0       | 20.98 | 141.4       | 23.76 | 148.0       | 26.14 |
|        | 16                         | 74.00                        | 8.50  | 93.40       | 12.28 | 114.4       | 17.50 | 123.2       | 19.98 | 133.0       | 23.14 | 141.4       | 25.78 | 148.0       | 28.20 |
|        | 18                         | 74.00                        | 9.20  | 93.40       | 13.46 | 114.4       | 19.32 | 123.2       | 22.04 | 133.0       | 25.04 | 141.4       | 28.14 | 148.0       | 30.56 |
|        | 20                         | 74.00                        | 10.16 | 93.40       | 14.90 | 114.4       | 21.02 | 123.2       | 23.98 | 133.0       | 27.48 | 141.4       | 30.70 | 148.0       | 32.94 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 74.00                        | 10.70 | 93.40       | 15.62 | 114.4       | 21.94 | 123.2       | 25.18 | 133.0       | 28.72 | 141.4       | 31.68 | 148.0       | 34.16 |
|        | 23                               | 74.00                        | 11.88 | 93.40       | 17.34 | 114.4       | 24.34 | 123.2       | 27.20 | 133.0       | 30.66 | 141.4       | 33.78 | 148.0       | 36.36 |
|        | 25                               | 74.00                        | 13.34 | 93.40       | 19.16 | 114.4       | 26.00 | 123.2       | 29.10 | 133.0       | 32.74 | 141.4       | 36.18 | 148.0       | 38.94 |
|        | 27                               | 74.00                        | 14.92 | 93.40       | 20.94 | 114.4       | 28.02 | 123.2       | 31.10 | 133.0       | 35.12 | 141.4       | 38.78 | 148.0       | 41.72 |
|        | 29                               | 74.00                        | 16.58 | 93.40       | 22.34 | 114.4       | 29.86 | 123.2       | 33.48 | 133.0       | 37.94 | 141.4       | 41.74 | 148.0       | 44.04 |
|        | 31                               | 74.00                        | 17.66 | 93.40       | 23.82 | 114.4       | 31.84 | 123.2       | 35.72 | 133.0       | 40.48 | 141.4       | 44.14 | 148.0       | 46.58 |
|        | 33                               | 74.00                        | 18.84 | 93.40       | 25.40 | 114.4       | 33.96 | 123.2       | 38.12 | 133.0       | 43.28 | 141.4       | 46.74 | 148.0       | 49.32 |
|        | 35                               | 74.00                        | 20.08 | 93.40       | 27.10 | 114.4       | 36.26 | 123.2       | 40.74 | 133.0       | 46.06 | 141.4       | 49.56 | 148.0       | 52.34 |
|        | 37                               | 74.00                        | 21.42 | 93.40       | 28.90 | 114.4       | 38.74 | 123.2       | 43.60 | 133.0       | 48.86 | 141.4       | 52.66 | 144.0       | 53.10 |
|        | 39                               | 74.00                        | 22.86 | 93.40       | 30.84 | 114.4       | 41.44 | 123.2       | 45.46 | 133.0       | 49.12 | 133.6       | 49.34 | 133.8       | 49.38 |
|        | 41                               | 74.00                        | 24.38 | 93.40       | 32.92 | 114.4       | 42.42 | 123.2       | 45.68 | 123.8       | 45.90 | 123.6       | 45.86 | 123.6       | 45.86 |
|        | 43                               | 74.00                        | 26.02 | 93.40       | 35.16 | 114.0       | 42.88 | 114.0       | 42.92 | 114.0       | 42.90 | 113.8       | 42.86 | 113.8       | 42.84 |
|        | 46                               | 74.00                        | 28.68 | 93.40       | 36.72 | 100.0       | 39.34 | 100.0       | 39.32 | 100.0       | 39.32 | 100.0       | 39.32 | 99.80       | 39.24 |
|        | 48                               | 74.00                        | 30.60 | 91.40       | 38.06 | 91.40       | 38.04 | 91.40       | 38.04 | 91.40       | 38.00 | 91.20       | 38.00 | 91.20       | 37.98 |
|        | 50                               | 74.00                        | 32.30 | 83.20       | 36.34 | 83.00       | 36.24 | 83.00       | 36.24 | 83.00       | 36.22 | 83.00       | 36.20 | 83.00       | 36.20 |
|        | 52                               | 73.00                        | 32.12 | 73.60       | 32.46 | 74.80       | 31.28 | 75.00       | 30.96 | 75.20       | 30.62 | 74.80       | 30.34 | 75.20       | 29.92 |
| 100    | 10                               | 67.20                        | 6.90  | 85.00       | 8.54  | 104.0       | 11.12 | 112.0       | 12.52 | 121.0       | 14.32 | 128.6       | 16.10 | 134.6       | 17.64 |
|        | 12                               | 67.20                        | 7.40  | 85.00       | 9.32  | 104.0       | 12.26 | 112.0       | 13.82 | 121.0       | 15.84 | 128.6       | 17.80 | 134.6       | 19.48 |
|        | 14                               | 67.20                        | 7.52  | 85.00       | 9.84  | 104.0       | 13.52 | 112.0       | 15.28 | 121.0       | 17.50 | 128.6       | 19.64 | 134.6       | 21.48 |
|        | 16                               | 67.20                        | 7.60  | 85.00       | 10.48 | 104.0       | 14.74 | 112.0       | 16.86 | 121.0       | 19.34 | 128.6       | 21.68 | 134.6       | 23.68 |
|        | 18                               | 67.20                        | 8.06  | 85.00       | 11.54 | 104.0       | 16.20 | 112.0       | 18.38 | 121.0       | 21.34 | 128.6       | 23.62 | 134.6       | 25.62 |
|        | 20                               | 67.20                        | 8.82  | 85.00       | 12.70 | 104.0       | 17.82 | 112.0       | 20.20 | 121.0       | 23.14 | 128.6       | 25.80 | 134.6       | 28.12 |
|        | 21                               | 67.20                        | 9.30  | 85.00       | 13.34 | 104.0       | 18.66 | 112.0       | 21.26 | 121.0       | 24.30 | 128.6       | 27.10 | 134.6       | 29.30 |
|        | 23                               | 67.20                        | 10.34 | 85.00       | 14.74 | 104.0       | 20.62 | 112.0       | 23.44 | 121.0       | 26.44 | 128.6       | 29.10 | 134.6       | 31.28 |
|        | 25                               | 67.20                        | 11.54 | 85.00       | 16.48 | 104.0       | 22.82 | 112.0       | 25.46 | 121.0       | 28.28 | 128.6       | 31.08 | 134.6       | 33.36 |
|        | 27                               | 67.20                        | 12.92 | 85.00       | 18.46 | 104.0       | 24.32 | 112.0       | 27.14 | 121.0       | 30.54 | 128.6       | 33.68 | 134.6       | 35.78 |
|        | 29                               | 67.20                        | 14.56 | 85.00       | 19.68 | 104.0       | 25.94 | 112.0       | 28.92 | 121.0       | 32.56 | 128.6       | 35.90 | 134.6       | 38.68 |
|        | 31                               | 67.20                        | 15.80 | 85.00       | 20.98 | 104.0       | 27.66 | 112.0       | 30.84 | 121.0       | 34.72 | 128.6       | 38.30 | 134.6       | 41.28 |
|        | 33                               | 67.20                        | 16.84 | 85.00       | 22.38 | 104.0       | 29.50 | 112.0       | 32.90 | 121.0       | 37.04 | 128.6       | 40.90 | 134.6       | 44.08 |
|        | 35                               | 67.20                        | 17.96 | 85.00       | 23.88 | 104.0       | 31.46 | 112.0       | 35.08 | 121.0       | 39.58 | 128.6       | 43.76 | 134.6       | 46.70 |
|        | 37                               | 67.20                        | 19.14 | 85.00       | 25.46 | 104.0       | 33.58 | 112.0       | 37.50 | 121.0       | 42.34 | 128.6       | 46.92 | 134.6       | 49.56 |
|        | 39                               | 67.20                        | 20.42 | 85.00       | 27.16 | 104.0       | 35.86 | 112.0       | 40.10 | 121.0       | 44.66 | 128.6       | 47.50 | 133.8       | 49.42 |
|        | 41                               | 67.20                        | 21.80 | 85.00       | 28.98 | 104.0       | 38.32 | 112.0       | 41.52 | 121.0       | 44.86 | 123.6       | 45.88 | 123.8       | 45.88 |
|        | 43                               | 67.20                        | 23.26 | 85.00       | 30.92 | 104.0       | 39.14 | 112.0       | 42.14 | 113.8       | 42.88 | 114.0       | 42.92 | 114.0       | 42.90 |
|        | 46                               | 67.20                        | 25.64 | 85.00       | 33.38 | 100.0       | 39.32 | 100.2       | 39.34 | 100.2       | 39.34 | 100.2       | 39.34 | 100.0       | 39.28 |
|        | 48                               | 67.20                        | 27.36 | 85.00       | 35.36 | 91.60       | 38.08 | 91.40       | 38.06 | 91.40       | 38.02 | 91.40       | 38.02 | 91.40       | 38.02 |
|        | 50                               | 67.20                        | 29.20 | 83.20       | 36.28 | 83.20       | 36.26 | 83.20       | 36.26 | 83.00       | 36.22 | 83.00       | 36.20 | 83.00       | 36.20 |
|        | 52                               | 67.20                        | 29.64 | 73.40       | 32.32 | 74.00       | 32.22 | 74.40       | 31.72 | 74.80       | 31.20 | 75.20       | 30.70 | 75.20       | 30.30 |
| 90     | 10                               | 60.60                        | 6.44  | 76.40       | 7.68  | 93.60       | 9.58  | 100.8       | 10.62 | 108.8       | 11.96 | 115.8       | 13.24 | 121.2       | 14.38 |
|        | 12                               | 60.60                        | 6.58  | 76.40       | 8.30  | 93.60       | 10.52 | 100.8       | 11.70 | 108.8       | 13.20 | 115.8       | 14.64 | 121.2       | 15.90 |
|        | 14                               | 60.60                        | 6.66  | 76.40       | 8.58  | 93.60       | 11.24 | 100.8       | 12.88 | 108.8       | 14.58 | 115.8       | 16.18 | 121.2       | 17.56 |
|        | 16                               | 60.60                        | 6.82  | 76.40       | 8.78  | 93.60       | 12.30 | 100.8       | 14.02 | 108.8       | 16.08 | 115.8       | 17.88 | 121.2       | 19.40 |
|        | 18                               | 60.60                        | 6.90  | 76.40       | 9.72  | 93.60       | 13.46 | 100.8       | 15.30 | 108.8       | 17.50 | 115.8       | 19.72 | 121.2       | 21.16 |
|        | 20                               | 60.60                        | 7.66  | 76.40       | 10.74 | 93.60       | 14.92 | 100.8       | 16.88 | 108.8       | 19.24 | 115.8       | 21.46 | 121.2       | 23.30 |
|        | 21                               | 60.60                        | 7.98  | 76.40       | 11.30 | 93.60       | 15.64 | 100.8       | 17.68 | 108.8       | 20.26 | 115.8       | 22.54 | 121.2       | 24.32 |
|        | 23                               | 60.60                        | 8.88  | 76.40       | 12.52 | 93.60       | 17.36 | 100.8       | 19.56 | 108.8       | 22.36 | 115.8       | 24.80 | 121.2       | 26.56 |
|        | 25                               | 60.60                        | 9.96  | 76.40       | 13.94 | 93.60       | 19.32 | 100.8       | 21.82 | 108.8       | 24.40 | 115.8       | 26.78 | 121.2       | 28.42 |
|        | 27                               | 60.60                        | 11.06 | 76.40       | 15.68 | 93.60       | 20.98 | 100.8       | 23.26 | 108.8       | 26.02 | 115.8       | 28.54 | 121.2       | 30.62 |
|        | 29                               | 60.60                        | 12.50 | 76.40       | 17.24 | 93.60       | 22.38 | 100.8       | 24.80 | 108.8       | 27.74 | 115.8       | 30.42 | 121.2       | 32.64 |
|        | 31                               | 60.60                        | 14.08 | 76.40       | 18.38 | 93.60       | 23.86 | 100.8       | 26.46 | 108.8       | 29.58 | 115.8       | 32.44 | 121.2       | 34.82 |
|        | 33                               | 60.60                        | 14.98 | 76.40       | 19.60 | 93.60       | 25.44 | 100.8       | 28.22 | 108.8       | 31.56 | 115.8       | 34.60 | 121.2       | 37.16 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 60.60                        | 15.96 | 76.40       | 20.90 | 93.60       | 27.14 | 100.8       | 30.10 | 108.8       | 33.66 | 115.8       | 36.94 | 121.2       | 39.68 |
|        | 37                              | 60.60                        | 17.02 | 76.40       | 22.28 | 93.60       | 28.96 | 100.8       | 32.10 | 108.8       | 35.94 | 115.8       | 39.48 | 121.2       | 42.46 |
|        | 39                              | 60.60                        | 18.16 | 76.40       | 23.78 | 93.60       | 30.90 | 100.8       | 34.28 | 108.8       | 38.40 | 115.8       | 42.26 | 121.2       | 44.74 |
|        | 41                              | 60.60                        | 19.38 | 76.40       | 25.36 | 93.60       | 32.98 | 100.8       | 36.62 | 108.8       | 40.38 | 115.8       | 42.94 | 121.2       | 44.94 |
|        | 43                              | 60.60                        | 20.68 | 76.40       | 27.06 | 93.60       | 35.22 | 100.8       | 37.94 | 108.8       | 40.98 | 114.0       | 42.92 | 114.0       | 42.90 |
|        | 46                              | 60.60                        | 22.80 | 76.40       | 29.82 | 93.60       | 36.76 | 100.2       | 39.38 | 100.2       | 39.34 | 100.0       | 39.34 | 100.2       | 39.34 |
|        | 48                              | 60.60                        | 24.34 | 76.40       | 31.84 | 91.60       | 38.10 | 91.40       | 38.06 | 91.40       | 38.04 | 91.40       | 38.02 | 91.40       | 38.02 |
|        | 50                              | 60.60                        | 25.98 | 76.40       | 33.36 | 83.20       | 36.34 | 83.20       | 36.32 | 83.20       | 36.28 | 83.20       | 36.26 | 83.20       | 36.26 |
|        | 52                              | 60.60                        | 27.74 | 73.00       | 32.16 | 73.80       | 32.70 | 74.20       | 32.20 | 74.60       | 31.66 | 74.80       | 31.16 | 75.20       | 30.78 |
| 80     | 10                              | 53.80                        | 5.90  | 68.00       | 6.96  | 83.20       | 8.34  | 89.60       | 9.08  | 96.80       | 10.02 | 102.8       | 10.94 | 107.8       | 11.74 |
|        | 12                              | 53.80                        | 5.92  | 68.00       | 7.46  | 83.20       | 9.08  | 89.60       | 9.94  | 96.80       | 11.02 | 102.8       | 12.06 | 107.8       | 12.96 |
|        | 14                              | 53.80                        | 5.98  | 68.00       | 7.58  | 83.20       | 9.56  | 89.60       | 10.48 | 96.80       | 11.84 | 102.8       | 13.30 | 107.8       | 14.32 |
|        | 16                              | 53.80                        | 6.06  | 68.00       | 7.68  | 83.20       | 10.12 | 89.60       | 11.38 | 96.80       | 13.08 | 102.8       | 14.52 | 107.8       | 15.80 |
|        | 18                              | 53.80                        | 6.22  | 68.00       | 8.16  | 83.20       | 11.14 | 89.60       | 12.60 | 96.80       | 14.28 | 102.8       | 15.86 | 107.8       | 17.26 |
|        | 20                              | 53.80                        | 6.56  | 68.00       | 8.92  | 83.20       | 12.26 | 89.60       | 13.86 | 96.80       | 15.78 | 102.8       | 17.46 | 107.8       | 18.98 |
|        | 21                              | 53.80                        | 6.84  | 68.00       | 9.40  | 83.20       | 12.90 | 89.60       | 14.54 | 96.80       | 16.54 | 102.8       | 18.42 | 107.8       | 19.84 |
|        | 23                              | 53.80                        | 7.60  | 68.00       | 10.46 | 83.20       | 14.26 | 89.60       | 16.18 | 96.80       | 18.34 | 102.8       | 20.22 | 107.8       | 21.90 |
|        | 25                              | 53.80                        | 8.42  | 68.00       | 11.68 | 83.20       | 15.96 | 89.60       | 17.90 | 96.80       | 20.40 | 102.8       | 22.48 | 107.8       | 24.02 |
|        | 27                              | 53.80                        | 9.50  | 68.00       | 13.10 | 83.20       | 17.96 | 89.60       | 19.78 | 96.80       | 21.98 | 102.8       | 23.98 | 107.8       | 25.62 |
|        | 29                              | 53.80                        | 10.76 | 68.00       | 14.72 | 83.20       | 19.14 | 89.60       | 21.10 | 96.80       | 23.44 | 102.8       | 25.56 | 107.8       | 27.32 |
|        | 31                              | 53.80                        | 12.12 | 68.00       | 15.98 | 83.20       | 20.42 | 89.60       | 22.50 | 96.80       | 25.00 | 102.8       | 27.26 | 107.8       | 29.12 |
|        | 33                              | 53.80                        | 13.26 | 68.00       | 17.04 | 83.20       | 21.78 | 89.60       | 24.00 | 96.80       | 26.66 | 102.8       | 29.08 | 107.8       | 31.06 |
|        | 35                              | 53.80                        | 14.12 | 68.00       | 18.16 | 83.20       | 23.22 | 89.60       | 25.58 | 96.80       | 28.44 | 102.8       | 31.00 | 107.8       | 33.14 |
|        | 37                              | 53.80                        | 15.04 | 68.00       | 19.36 | 83.20       | 24.78 | 89.60       | 27.30 | 96.80       | 30.32 | 102.8       | 33.08 | 107.8       | 35.38 |
|        | 39                              | 53.80                        | 16.04 | 68.00       | 20.66 | 83.20       | 26.42 | 89.60       | 29.12 | 96.80       | 32.36 | 102.8       | 35.34 | 107.8       | 37.80 |
|        | 41                              | 53.80                        | 17.12 | 68.00       | 22.04 | 83.20       | 28.20 | 89.60       | 31.08 | 96.80       | 34.56 | 102.8       | 37.76 | 107.8       | 39.94 |
|        | 43                              | 53.80                        | 18.28 | 68.00       | 23.52 | 83.20       | 30.08 | 89.60       | 33.16 | 96.80       | 36.42 | 102.8       | 38.74 | 107.8       | 40.54 |
|        | 46                              | 53.80                        | 20.16 | 68.00       | 25.94 | 83.20       | 32.68 | 89.60       | 35.20 | 96.80       | 38.02 | 100.0       | 39.32 | 100.0       | 39.32 |
|        | 48                              | 53.80                        | 21.54 | 68.00       | 27.68 | 83.20       | 34.60 | 89.60       | 37.28 | 91.40       | 38.06 | 91.40       | 38.02 | 91.40       | 38.00 |
|        | 50                              | 53.80                        | 23.00 | 68.00       | 29.54 | 83.20       | 36.28 | 83.20       | 36.32 | 83.20       | 36.28 | 83.20       | 36.26 | 83.00       | 36.24 |
|        | 52                              | 53.80                        | 24.56 | 68.00       | 29.94 | 73.40       | 32.34 | 73.80       | 32.48 | 74.20       | 32.28 | 74.40       | 31.76 | 74.80       | 31.38 |
| 70     | 10                              | 47.20                        | 4.88  | 59.40       | 6.38  | 72.80       | 7.34  | 78.40       | 7.86  | 84.60       | 8.50  | 90.00       | 9.14  | 94.20       | 9.68  |
|        | 12                              | 47.20                        | 5.30  | 59.40       | 6.44  | 72.80       | 7.92  | 78.40       | 8.52  | 84.60       | 9.28  | 90.00       | 10.00 | 94.20       | 10.62 |
|        | 14                              | 47.20                        | 5.36  | 59.40       | 6.60  | 72.80       | 8.12  | 78.40       | 8.86  | 84.60       | 9.76  | 90.00       | 10.58 | 94.20       | 11.38 |
|        | 16                              | 47.20                        | 5.44  | 59.40       | 6.68  | 72.80       | 8.30  | 78.40       | 9.18  | 84.60       | 10.38 | 90.00       | 11.52 | 94.20       | 12.44 |
|        | 18                              | 47.20                        | 5.50  | 59.40       | 6.84  | 72.80       | 9.02  | 78.40       | 10.12 | 84.60       | 11.42 | 90.00       | 12.64 | 94.20       | 13.62 |
|        | 20                              | 47.20                        | 5.62  | 59.40       | 7.46  | 72.80       | 9.88  | 78.40       | 11.16 | 84.60       | 12.58 | 90.00       | 13.90 | 94.20       | 15.08 |
|        | 21                              | 47.20                        | 5.90  | 59.40       | 7.86  | 72.80       | 10.42 | 78.40       | 11.74 | 84.60       | 13.22 | 90.00       | 14.70 | 94.20       | 15.80 |
|        | 23                              | 47.20                        | 6.46  | 59.40       | 8.64  | 72.80       | 11.56 | 78.40       | 13.00 | 84.60       | 14.72 | 90.00       | 16.22 | 94.20       | 17.54 |
|        | 25                              | 47.20                        | 7.14  | 59.40       | 9.70  | 72.80       | 13.00 | 78.40       | 14.58 | 84.60       | 16.34 | 90.00       | 18.08 | 94.20       | 19.52 |
|        | 27                              | 47.20                        | 7.96  | 59.40       | 10.88 | 72.80       | 14.52 | 78.40       | 16.28 | 84.60       | 18.38 | 90.00       | 19.92 | 94.20       | 21.18 |
|        | 29                              | 47.20                        | 9.04  | 59.40       | 12.32 | 72.80       | 16.24 | 78.40       | 17.76 | 84.60       | 19.58 | 90.00       | 21.24 | 94.20       | 22.60 |
|        | 31                              | 47.20                        | 10.24 | 59.40       | 13.80 | 72.80       | 17.30 | 78.40       | 18.94 | 84.60       | 20.90 | 90.00       | 22.66 | 94.20       | 24.10 |
|        | 33                              | 47.20                        | 11.52 | 59.40       | 14.70 | 72.80       | 18.44 | 78.40       | 20.20 | 84.60       | 22.28 | 90.00       | 24.16 | 94.20       | 25.70 |
|        | 35                              | 47.20                        | 12.42 | 59.40       | 15.66 | 72.80       | 19.68 | 78.40       | 21.54 | 84.60       | 23.76 | 90.00       | 25.76 | 94.20       | 27.42 |
|        | 37                              | 47.20                        | 13.22 | 59.40       | 16.68 | 72.80       | 20.98 | 78.40       | 22.98 | 84.60       | 25.36 | 90.00       | 27.48 | 94.20       | 29.24 |
|        | 39                              | 47.20                        | 14.08 | 59.40       | 17.80 | 72.80       | 22.40 | 78.40       | 24.52 | 84.60       | 27.04 | 90.00       | 29.32 | 94.20       | 31.20 |
|        | 41                              | 47.20                        | 15.02 | 59.40       | 19.00 | 72.80       | 23.88 | 78.40       | 26.16 | 84.60       | 28.86 | 90.00       | 31.30 | 94.20       | 33.30 |
|        | 43                              | 47.20                        | 16.04 | 59.40       | 20.28 | 72.80       | 25.48 | 78.40       | 27.90 | 84.60       | 30.78 | 90.00       | 33.40 | 94.20       | 35.56 |
|        | 46                              | 47.20                        | 17.70 | 59.40       | 22.36 | 72.80       | 28.10 | 78.40       | 30.76 | 84.60       | 33.28 | 90.00       | 35.38 | 94.20       | 37.04 |
|        | 48                              | 47.20                        | 18.92 | 59.40       | 23.88 | 72.80       | 29.98 | 78.40       | 32.84 | 84.60       | 35.24 | 90.00       | 37.46 | 91.60       | 38.08 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 47.20                        | 20.22 | 59.40       | 25.48 | 72.80       | 32.00 | 78.40       | 34.18 | 83.20       | 36.32 | 83.20       | 36.26 | 83.20       | 36.30 |
|        | 52                              | 47.20                        | 21.60 | 59.40       | 27.20 | 72.80       | 32.04 | 73.20       | 32.24 | 73.60       | 32.40 | 74.00       | 32.58 | 74.20       | 32.18 |
| 60     | 10                              | 40.40                        | 3.84  | 51.00       | 5.44  | 62.40       | 6.56  | 67.20       | 6.90  | 72.60       | 7.32  | 77.20       | 7.74  | 80.80       | 8.10  |
|        | 12                              | 40.40                        | 4.70  | 51.00       | 5.62  | 62.40       | 6.74  | 67.20       | 7.38  | 72.60       | 7.90  | 77.20       | 8.38  | 80.80       | 8.80  |
|        | 14                              | 40.40                        | 4.76  | 51.00       | 5.70  | 62.40       | 6.90  | 67.20       | 7.50  | 72.60       | 8.14  | 77.20       | 8.68  | 80.80       | 9.24  |
|        | 16                              | 40.40                        | 4.82  | 51.00       | 5.76  | 62.40       | 6.98  | 67.20       | 7.58  | 72.60       | 8.32  | 77.20       | 8.92  | 80.80       | 9.68  |
|        | 18                              | 40.40                        | 4.88  | 51.00       | 5.92  | 62.40       | 7.24  | 67.20       | 8.04  | 72.60       | 8.96  | 77.20       | 9.84  | 80.80       | 10.56 |
|        | 20                              | 40.40                        | 4.94  | 51.00       | 6.16  | 62.40       | 7.92  | 67.20       | 8.80  | 72.60       | 9.90  | 77.20       | 10.86 | 80.80       | 11.76 |
|        | 21                              | 40.40                        | 5.00  | 51.00       | 6.40  | 62.40       | 8.36  | 67.20       | 9.26  | 72.60       | 10.42 | 77.20       | 11.44 | 80.80       | 12.36 |
|        | 23                              | 40.40                        | 5.42  | 51.00       | 7.10  | 62.40       | 9.30  | 67.20       | 10.32 | 72.60       | 11.58 | 77.20       | 12.66 | 80.80       | 13.68 |
|        | 25                              | 40.40                        | 5.98  | 51.00       | 7.88  | 62.40       | 10.30 | 67.20       | 11.52 | 72.60       | 12.90 | 77.20       | 14.24 | 80.80       | 15.18 |
|        | 27                              | 40.40                        | 6.64  | 51.00       | 8.76  | 62.40       | 11.56 | 67.20       | 12.90 | 72.60       | 14.42 | 77.20       | 15.88 | 80.80       | 17.04 |
|        | 29                              | 40.40                        | 7.46  | 51.00       | 9.96  | 62.40       | 13.04 | 67.20       | 14.52 | 72.60       | 16.20 | 77.20       | 17.44 | 80.80       | 18.44 |
|        | 31                              | 40.40                        | 8.56  | 51.00       | 11.36 | 62.40       | 14.52 | 67.20       | 15.78 | 72.60       | 17.26 | 77.20       | 18.58 | 80.80       | 19.66 |
|        | 33                              | 40.40                        | 9.80  | 51.00       | 12.58 | 62.40       | 15.46 | 67.20       | 16.80 | 72.60       | 18.40 | 77.20       | 19.82 | 80.80       | 20.98 |
|        | 35                              | 40.40                        | 10.70 | 51.00       | 13.38 | 62.40       | 16.48 | 67.20       | 17.92 | 72.60       | 19.62 | 77.20       | 21.14 | 80.80       | 22.38 |
|        | 37                              | 40.40                        | 11.38 | 51.00       | 14.24 | 62.40       | 17.58 | 67.20       | 19.10 | 72.60       | 20.92 | 77.20       | 22.54 | 80.80       | 23.86 |
|        | 39                              | 40.40                        | 12.26 | 51.00       | 15.20 | 62.40       | 18.76 | 67.20       | 20.38 | 72.60       | 22.32 | 77.20       | 24.06 | 80.80       | 25.46 |
|        | 41                              | 40.40                        | 13.08 | 51.00       | 16.20 | 62.40       | 20.02 | 67.20       | 21.76 | 72.60       | 23.82 | 77.20       | 25.66 | 80.80       | 27.16 |
|        | 43                              | 40.40                        | 13.96 | 51.00       | 17.30 | 62.40       | 21.36 | 67.20       | 23.22 | 72.60       | 25.40 | 77.20       | 27.38 | 80.80       | 28.98 |
|        | 46                              | 40.40                        | 15.42 | 51.00       | 19.10 | 62.40       | 23.56 | 67.20       | 25.58 | 72.60       | 28.00 | 77.20       | 30.18 | 80.80       | 31.96 |
|        | 48                              | 40.40                        | 16.48 | 51.00       | 20.40 | 62.40       | 25.14 | 67.20       | 27.30 | 72.60       | 29.88 | 77.20       | 32.20 | 80.80       | 33.62 |
|        | 50                              | 40.40                        | 17.62 | 51.00       | 21.80 | 62.40       | 26.82 | 67.20       | 29.14 | 72.60       | 31.90 | 77.20       | 33.66 | 80.80       | 35.24 |
|        | 52                              | 40.40                        | 18.86 | 51.00       | 23.28 | 62.40       | 28.62 | 67.20       | 29.58 | 72.60       | 31.96 | 73.20       | 32.22 | 73.40       | 32.34 |
| 50     | 10                              | 33.60                        | 3.02  | 42.40       | 4.14  | 52.00       | 5.60  | 56.00       | 6.06  | 60.40       | 6.44  | 64.40       | 6.70  | 67.40       | 6.90  |
|        | 12                              | 33.60                        | 4.18  | 42.40       | 4.90  | 52.00       | 5.70  | 56.00       | 6.14  | 60.40       | 6.60  | 64.40       | 7.00  | 67.40       | 7.40  |
|        | 14                              | 33.60                        | 4.24  | 42.40       | 4.96  | 52.00       | 5.84  | 56.00       | 6.22  | 60.40       | 6.68  | 64.40       | 7.10  | 67.40       | 7.52  |
|        | 16                              | 33.60                        | 4.30  | 42.40       | 5.02  | 52.00       | 5.92  | 56.00       | 6.28  | 60.40       | 6.84  | 64.40       | 7.26  | 67.40       | 7.60  |
|        | 18                              | 33.60                        | 4.30  | 42.40       | 5.10  | 52.00       | 5.98  | 56.00       | 6.44  | 60.40       | 6.92  | 64.40       | 7.58  | 67.40       | 8.06  |
|        | 20                              | 33.60                        | 4.36  | 42.40       | 5.16  | 52.00       | 6.26  | 56.00       | 6.88  | 60.40       | 7.58  | 64.40       | 8.30  | 67.40       | 8.92  |
|        | 21                              | 33.60                        | 4.40  | 42.40       | 5.26  | 52.00       | 6.60  | 56.00       | 7.24  | 60.40       | 8.00  | 64.40       | 8.74  | 67.40       | 9.30  |
|        | 23                              | 33.60                        | 4.58  | 42.40       | 5.74  | 52.00       | 7.24  | 56.00       | 7.98  | 60.40       | 8.90  | 64.40       | 9.74  | 67.40       | 10.36 |
|        | 25                              | 33.60                        | 4.98  | 42.40       | 6.32  | 52.00       | 8.12  | 56.00       | 8.94  | 60.40       | 9.86  | 64.40       | 10.78 | 67.40       | 11.54 |
|        | 27                              | 33.60                        | 5.52  | 42.40       | 7.04  | 52.00       | 9.04  | 56.00       | 9.96  | 60.40       | 11.08 | 64.40       | 12.10 | 67.40       | 12.96 |
|        | 29                              | 33.60                        | 6.16  | 42.40       | 8.02  | 52.00       | 10.26 | 56.00       | 11.28 | 60.40       | 12.52 | 64.40       | 13.74 | 67.40       | 14.58 |
|        | 31                              | 33.60                        | 7.00  | 42.40       | 9.06  | 52.00       | 11.58 | 56.00       | 12.82 | 60.40       | 14.06 | 64.40       | 15.02 | 67.40       | 15.80 |
|        | 33                              | 33.60                        | 8.04  | 42.40       | 10.48 | 52.00       | 12.68 | 56.00       | 13.80 | 60.40       | 14.96 | 64.40       | 16.00 | 67.40       | 16.84 |
|        | 35                              | 33.60                        | 9.08  | 42.40       | 11.16 | 52.00       | 13.64 | 56.00       | 14.70 | 60.40       | 15.94 | 64.40       | 17.06 | 67.40       | 17.96 |
|        | 37                              | 33.60                        | 9.78  | 42.40       | 12.04 | 52.00       | 14.52 | 56.00       | 15.66 | 60.40       | 17.00 | 64.40       | 18.18 | 67.40       | 19.16 |
|        | 39                              | 33.60                        | 10.40 | 42.40       | 12.82 | 52.00       | 15.48 | 56.00       | 16.70 | 60.40       | 18.14 | 64.40       | 19.40 | 67.40       | 20.44 |
|        | 41                              | 33.60                        | 11.08 | 42.40       | 13.66 | 52.00       | 16.52 | 56.00       | 17.82 | 60.40       | 19.34 | 64.40       | 20.70 | 67.40       | 21.80 |
|        | 43                              | 33.60                        | 11.82 | 42.40       | 14.58 | 52.00       | 17.64 | 56.00       | 19.02 | 60.40       | 20.66 | 64.40       | 22.10 | 67.40       | 23.26 |
|        | 46                              | 33.60                        | 13.08 | 42.40       | 16.12 | 52.00       | 19.48 | 56.00       | 21.00 | 60.40       | 22.78 | 64.40       | 24.36 | 67.40       | 25.64 |
|        | 48                              | 33.60                        | 14.04 | 42.40       | 17.22 | 52.00       | 20.80 | 56.00       | 22.42 | 60.40       | 24.30 | 64.40       | 26.00 | 67.40       | 27.36 |
|        | 50                              | 33.60                        | 15.10 | 42.40       | 18.42 | 52.00       | 22.22 | 56.00       | 23.92 | 60.40       | 25.94 | 64.40       | 27.74 | 67.40       | 29.20 |
|        | 52                              | 33.60                        | 16.26 | 42.40       | 19.70 | 52.00       | 23.72 | 56.00       | 25.54 | 60.40       | 27.70 | 64.40       | 28.32 | 67.40       | 29.64 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM420LTE6

| Combi. | Outdoor Air Temp. (°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                           | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                           | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                        | 104.7                        | 13.75 | 127.9       | 17.53 | 145.5       | 22.13 | 152.9       | 23.91 | 160.9       | 25.99 | 169.9       | 27.73 | 176.0       | 29.03 |
|        | 12                        | 104.7                        | 14.39 | 127.9       | 18.58 | 145.5       | 23.59 | 152.9       | 25.32 | 160.9       | 27.56 | 169.9       | 29.29 | 176.0       | 30.70 |
|        | 14                        | 104.7                        | 14.97 | 127.9       | 19.71 | 145.5       | 25.12 | 152.9       | 27.00 | 160.9       | 29.07 | 169.9       | 30.94 | 176.0       | 32.57 |
|        | 16                        | 104.7                        | 15.73 | 127.9       | 20.91 | 145.5       | 26.87 | 152.9       | 28.72 | 160.9       | 30.97 | 169.9       | 32.97 | 176.0       | 34.71 |
|        | 18                        | 104.7                        | 16.70 | 127.9       | 22.41 | 145.5       | 28.55 | 152.9       | 30.83 | 160.9       | 33.21 | 169.9       | 35.19 | 176.0       | 36.71 |
|        | 20                        | 104.7                        | 17.83 | 127.9       | 24.17 | 145.5       | 30.58 | 152.9       | 33.65 | 160.9       | 35.89 | 169.9       | 38.30 | 176.0       | 39.53 |
|        | 21                        | 104.7                        | 18.46 | 127.9       | 25.11 | 145.5       | 31.42 | 152.9       | 35.19 | 160.9       | 37.48 | 169.9       | 39.94 | 176.0       | 41.17 |
|        | 23                        | 104.7                        | 20.02 | 127.9       | 27.03 | 145.5       | 33.36 | 152.9       | 38.19 | 160.9       | 41.09 | 169.9       | 43.28 | 176.0       | 44.54 |
|        | 25                        | 104.7                        | 21.75 | 127.9       | 28.92 | 145.5       | 35.62 | 152.9       | 41.95 | 160.9       | 44.78 | 169.9       | 47.03 | 176.0       | 48.33 |
|        | 27                        | 104.7                        | 23.61 | 127.9       | 30.87 | 145.5       | 38.33 | 152.9       | 46.18 | 160.9       | 48.62 | 169.9       | 51.03 | 176.0       | 52.46 |
|        | 29                        | 104.7                        | 25.17 | 127.9       | 32.97 | 145.5       | 41.67 | 152.9       | 50.30 | 160.9       | 52.87 | 169.9       | 55.39 | 176.0       | 56.75 |
|        | 31                        | 104.7                        | 26.85 | 127.9       | 34.97 | 145.5       | 44.80 | 152.9       | 51.83 | 160.9       | 54.54 | 169.3       | 57.03 | 175.6       | 58.57 |
|        | 33                        | 104.7                        | 28.63 | 127.9       | 37.54 | 145.5       | 48.25 | 152.9       | 53.31 | 160.8       | 56.16 | 167.3       | 58.08 | 169.5       | 58.21 |
|        | 35                        | 104.7                        | 30.52 | 127.9       | 40.03 | 145.5       | 52.23 | 152.6       | 54.75 | 158.4       | 56.90 | 160.6       | 57.17 | 163.0       | 57.28 |
|        | 37                        | 104.7                        | 32.56 | 127.9       | 42.67 | 145.0       | 53.49 | 150.4       | 55.31 | 151.9       | 55.48 | 154.0       | 55.73 | 156.4       | 55.83 |
|        | 39                        | 104.7                        | 34.69 | 127.9       | 45.67 | 142.9       | 52.91 | 144.2       | 53.03 | 145.2       | 53.18 | 147.7       | 53.45 | 150.1       | 53.55 |
|        | 41                        | 104.7                        | 37.66 | 125.8       | 48.43 | 134.8       | 51.03 | 135.8       | 51.16 | 137.3       | 51.31 | 139.4       | 51.54 | 141.6       | 51.68 |
|        | 43                        | 104.7                        | 40.75 | 122.8       | 48.60 | 127.0       | 49.39 | 127.9       | 49.53 | 129.3       | 49.67 | 131.6       | 49.94 | 133.5       | 50.03 |
|        | 46                        | 102.8                        | 44.86 | 111.8       | 47.28 | 113.9       | 47.41 | 114.9       | 47.55 | 116.3       | 47.70 | 118.2       | 47.93 | 120.2       | 48.06 |
|        | 48                        | 95.90                        | 45.35 | 99.30       | 46.24 | 101.2       | 46.27 | 102.0       | 46.34 | 103.4       | 46.60 | 105.1       | 46.77 | 106.8       | 46.87 |
|        | 50                        | 87.10                        | 44.80 | 87.10       | 44.99 | 88.70       | 44.92 | 89.50       | 44.95 | 90.50       | 45.24 | 92.10       | 45.31 | 93.50       | 45.42 |
|        | 52                        | 75.40                        | 42.29 | 74.60       | 42.18 | 76.50       | 41.24 | 77.10       | 41.00 | 78.00       | 41.18 | 79.40       | 41.03 | 80.60       | 41.03 |
| 120    | 10                        | 95.60                        | 12.44 | 116.6       | 15.70 | 134.1       | 19.83 | 141.1       | 22.01 | 148.7       | 23.77 | 157.4       | 25.35 | 163.0       | 26.74 |
|        | 12                        | 95.60                        | 13.02 | 116.6       | 16.60 | 134.1       | 21.12 | 141.1       | 23.21 | 148.7       | 25.32 | 157.4       | 27.13 | 163.0       | 28.51 |
|        | 14                        | 95.60                        | 13.55 | 116.6       | 17.57 | 134.1       | 22.51 | 141.1       | 24.72 | 148.7       | 26.97 | 157.4       | 28.74 | 163.0       | 30.10 |
|        | 16                        | 95.60                        | 14.04 | 116.6       | 18.58 | 134.1       | 23.99 | 141.1       | 26.33 | 148.7       | 28.66 | 157.4       | 30.48 | 163.0       | 32.02 |
|        | 18                        | 95.60                        | 14.90 | 116.6       | 19.80 | 134.1       | 25.60 | 141.1       | 28.11 | 148.7       | 30.58 | 157.4       | 32.59 | 163.0       | 34.08 |
|        | 20                        | 95.60                        | 15.80 | 116.6       | 21.33 | 134.1       | 27.31 | 141.1       | 30.15 | 148.7       | 32.65 | 157.4       | 34.65 | 163.0       | 36.07 |
|        | 21                        | 95.60                        | 16.40 | 116.6       | 22.19 | 134.1       | 28.35 | 141.1       | 31.13 | 148.7       | 33.70 | 157.4       | 35.76 | 163.0       | 37.45 |
|        | 23                        | 95.60                        | 17.82 | 116.6       | 24.06 | 134.1       | 30.53 | 141.1       | 33.24 | 148.7       | 36.01 | 157.4       | 38.12 | 163.0       | 39.57 |
|        | 25                        | 95.60                        | 19.34 | 116.6       | 26.17 | 134.1       | 32.32 | 141.1       | 35.45 | 148.7       | 38.58 | 157.4       | 40.93 | 163.0       | 42.22 |
|        | 27                        | 95.60                        | 21.07 | 116.6       | 27.95 | 134.1       | 34.67 | 141.1       | 37.94 | 148.7       | 41.60 | 157.4       | 43.86 | 163.0       | 45.20 |
|        | 29                        | 95.60                        | 22.58 | 116.6       | 29.82 | 134.1       | 36.70 | 141.1       | 40.75 | 148.7       | 44.50 | 157.4       | 47.09 | 163.0       | 48.43 |
|        | 31                        | 95.60                        | 24.07 | 116.6       | 31.83 | 134.1       | 38.86 | 141.1       | 43.88 | 148.7       | 47.73 | 157.4       | 50.56 | 163.0       | 52.06 |
|        | 33                        | 95.60                        | 25.64 | 116.6       | 33.93 | 134.1       | 41.58 | 141.1       | 47.71 | 148.7       | 51.36 | 157.4       | 54.23 | 163.0       | 55.85 |
|        | 35                        | 95.60                        | 27.30 | 116.6       | 36.18 | 134.1       | 44.62 | 141.1       | 52.13 | 148.7       | 54.88 | 157.3       | 57.68 | 159.6       | 58.02 |
|        | 37                        | 95.60                        | 29.27 | 116.6       | 38.36 | 134.1       | 48.04 | 141.1       | 53.35 | 148.2       | 55.80 | 150.9       | 56.09 | 152.9       | 56.30 |
|        | 39                        | 95.60                        | 31.39 | 116.6       | 40.80 | 134.1       | 50.84 | 140.8       | 53.25 | 142.2       | 53.51 | 144.5       | 53.58 | 146.6       | 53.80 |
|        | 41                        | 95.60                        | 34.28 | 116.6       | 44.61 | 132.2       | 51.04 | 133.1       | 51.26 | 134.1       | 51.38 | 136.1       | 51.46 | 138.2       | 51.67 |
|        | 43                        | 95.60                        | 37.35 | 116.1       | 45.97 | 124.4       | 49.17 | 125.4       | 49.42 | 126.3       | 49.54 | 128.3       | 49.62 | 130.4       | 49.86 |
|        | 46                        | 93.80                        | 41.73 | 109.5       | 46.21 | 111.6       | 46.86 | 112.5       | 47.08 | 113.4       | 47.23 | 115.3       | 47.30 | 117.3       | 47.51 |
|        | 48                        | 87.70                        | 42.27 | 97.30       | 45.30 | 99.20       | 45.95 | 100.0       | 46.11 | 100.7       | 46.18 | 102.4       | 46.28 | 104.2       | 46.37 |
|        | 50                        | 81.50                        | 42.79 | 85.30       | 44.19 | 87.00       | 44.77 | 87.70       | 44.88 | 88.40       | 44.91 | 89.90       | 45.05 | 91.30       | 45.00 |
|        | 52                        | 71.60                        | 41.03 | 73.00       | 41.89 | 75.00       | 41.59 | 75.60       | 41.47 | 76.20       | 41.27 | 77.50       | 41.28 | 78.70       | 41.08 |
| 110    | 10                        | 86.50                        | 11.28 | 105.7       | 14.00 | 123.1       | 17.43 | 129.3       | 19.25 | 138.5       | 21.35 | 144.4       | 22.88 | 152.7       | 24.11 |
|        | 12                        | 86.50                        | 11.81 | 105.7       | 14.77 | 123.1       | 18.56 | 129.3       | 20.36 | 138.5       | 22.73 | 144.4       | 24.44 | 152.7       | 25.85 |
|        | 14                        | 86.50                        | 12.18 | 105.7       | 15.56 | 123.1       | 19.83 | 129.3       | 21.83 | 138.5       | 24.38 | 144.4       | 26.16 | 152.7       | 27.65 |
|        | 16                        | 86.50                        | 12.57 | 105.7       | 16.45 | 123.1       | 21.15 | 129.3       | 23.32 | 138.5       | 26.10 | 144.4       | 27.81 | 152.7       | 29.29 |
|        | 18                        | 86.50                        | 13.23 | 105.7       | 17.47 | 123.1       | 22.77 | 129.3       | 25.06 | 138.5       | 27.84 | 144.4       | 29.70 | 152.7       | 31.20 |
|        | 20                        | 86.50                        | 14.02 | 105.7       | 18.73 | 123.1       | 24.42 | 129.3       | 26.68 | 138.5       | 29.81 | 144.4       | 31.81 | 152.7       | 33.20 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 86.50                        | 14.48 | 105.7       | 19.42 | 123.1       | 25.23 | 129.3       | 27.67 | 138.5       | 30.87 | 144.4       | 32.77 | 152.7       | 34.28 |
|        | 23                              | 86.50                        | 15.67 | 105.7       | 21.12 | 123.1       | 27.23 | 129.3       | 29.52 | 138.5       | 32.78 | 144.4       | 34.71 | 152.7       | 36.30 |
|        | 25                              | 86.50                        | 17.07 | 105.7       | 22.86 | 123.1       | 28.91 | 129.3       | 31.38 | 138.5       | 34.80 | 144.4       | 36.79 | 152.7       | 38.78 |
|        | 27                              | 86.50                        | 18.57 | 105.7       | 24.67 | 123.1       | 30.82 | 129.3       | 33.36 | 138.5       | 36.81 | 144.4       | 39.08 | 152.7       | 41.44 |
|        | 29                              | 86.50                        | 20.15 | 105.7       | 26.33 | 123.1       | 32.70 | 129.3       | 35.61 | 138.5       | 39.31 | 144.4       | 41.56 | 152.7       | 43.88 |
|        | 31                              | 86.50                        | 21.44 | 105.7       | 28.07 | 123.1       | 34.70 | 129.3       | 37.85 | 138.5       | 41.97 | 144.4       | 44.16 | 152.7       | 46.58 |
|        | 33                              | 86.50                        | 22.87 | 105.7       | 29.91 | 123.1       | 36.82 | 129.3       | 40.24 | 138.5       | 44.91 | 144.4       | 47.00 | 152.7       | 49.38 |
|        | 35                              | 86.50                        | 24.32 | 105.7       | 31.93 | 123.1       | 39.08 | 129.3       | 42.81 | 138.5       | 48.01 | 144.4       | 49.97 | 152.6       | 52.43 |
|        | 37                              | 86.50                        | 25.85 | 105.7       | 33.95 | 123.1       | 41.49 | 129.3       | 45.91 | 138.5       | 51.24 | 144.4       | 53.10 | 149.3       | 54.03 |
|        | 39                              | 86.50                        | 27.75 | 105.7       | 36.14 | 123.1       | 44.49 | 129.3       | 48.99 | 138.5       | 53.10 | 140.5       | 53.21 | 143.1       | 53.43 |
|        | 41                              | 86.50                        | 30.32 | 105.7       | 39.19 | 123.1       | 47.64 | 129.3       | 52.76 | 131.1       | 53.13 | 133.0       | 53.35 | 134.8       | 53.59 |
|        | 43                              | 86.50                        | 32.71 | 105.7       | 42.08 | 121.5       | 50.33 | 122.5       | 50.68 | 123.4       | 50.60 | 125.3       | 50.75 | 127.0       | 50.82 |
|        | 46                              | 84.90                        | 34.48 | 103.8       | 43.14 | 108.8       | 47.47 | 109.9       | 47.46 | 110.6       | 47.70 | 112.5       | 47.86 | 114.0       | 47.89 |
|        | 48                              | 79.40                        | 35.04 | 95.30       | 43.13 | 96.80       | 45.72 | 97.70       | 45.90 | 98.40       | 46.01 | 99.90       | 46.09 | 101.4       | 46.19 |
|        | 50                              | 73.80                        | 35.49 | 83.80       | 41.57 | 84.90       | 43.70 | 85.70       | 44.06 | 86.30       | 44.07 | 87.70       | 44.06 | 89.00       | 44.20 |
|        | 52                              | 67.80                        | 34.99 | 71.50       | 38.92 | 73.00       | 40.08 | 73.90       | 40.47 | 74.50       | 40.20 | 75.50       | 39.97 | 76.70       | 39.94 |
| 100    | 10                              | 75.20                        | 10.25 | 92.00       | 12.54 | 109.6       | 15.37 | 117.6       | 16.86 | 126.1       | 18.55 | 137.0       | 20.73 | 141.6       | 21.60 |
|        | 12                              | 75.20                        | 10.72 | 92.00       | 13.27 | 109.6       | 16.27 | 117.6       | 17.80 | 126.1       | 19.67 | 137.0       | 22.26 | 141.6       | 23.23 |
|        | 14                              | 75.20                        | 11.00 | 92.00       | 13.87 | 109.6       | 17.33 | 117.6       | 19.00 | 126.1       | 21.01 | 137.0       | 23.93 | 141.6       | 24.98 |
|        | 16                              | 75.20                        | 11.26 | 92.00       | 14.49 | 109.6       | 18.39 | 117.6       | 20.32 | 126.1       | 22.59 | 137.0       | 25.63 | 141.6       | 26.84 |
|        | 18                              | 75.20                        | 11.71 | 92.00       | 15.36 | 109.6       | 19.55 | 117.6       | 21.67 | 126.1       | 24.37 | 137.0       | 27.43 | 141.6       | 28.56 |
|        | 20                              | 75.20                        | 12.37 | 92.00       | 16.30 | 109.6       | 21.02 | 117.6       | 23.46 | 126.1       | 26.23 | 137.0       | 29.27 | 141.6       | 30.56 |
|        | 21                              | 75.20                        | 12.77 | 92.00       | 16.86 | 109.6       | 21.86 | 117.6       | 24.45 | 126.1       | 27.35 | 137.0       | 30.30 | 141.6       | 31.53 |
|        | 23                              | 75.20                        | 13.77 | 92.00       | 18.27 | 109.6       | 23.76 | 117.6       | 26.55 | 126.1       | 29.51 | 137.0       | 32.09 | 141.6       | 33.32 |
|        | 25                              | 75.20                        | 14.92 | 92.00       | 19.85 | 109.6       | 25.78 | 117.6       | 28.60 | 126.1       | 31.55 | 137.0       | 33.82 | 141.6       | 35.27 |
|        | 27                              | 75.20                        | 16.23 | 92.00       | 21.63 | 109.6       | 27.53 | 117.6       | 30.53 | 126.1       | 33.79 | 137.0       | 36.36 | 141.6       | 37.59 |
|        | 29                              | 75.20                        | 17.68 | 92.00       | 23.08 | 109.6       | 29.38 | 117.6       | 32.58 | 126.1       | 35.88 | 137.0       | 38.65 | 141.6       | 40.14 |
|        | 31                              | 75.20                        | 19.01 | 92.00       | 24.61 | 109.6       | 31.33 | 117.6       | 34.76 | 126.1       | 37.95 | 137.0       | 40.97 | 141.6       | 42.59 |
|        | 33                              | 75.20                        | 20.20 | 92.00       | 26.22 | 109.6       | 33.42 | 117.6       | 37.08 | 126.1       | 39.89 | 137.0       | 43.46 | 141.6       | 45.16 |
|        | 35                              | 75.20                        | 21.51 | 92.00       | 27.93 | 109.6       | 35.61 | 117.6       | 39.54 | 126.1       | 42.27 | 136.6       | 46.04 | 141.5       | 47.70 |
|        | 37                              | 75.20                        | 22.99 | 92.00       | 29.89 | 109.6       | 37.85 | 117.6       | 41.81 | 126.1       | 45.09 | 135.3       | 48.75 | 140.0       | 50.30 |
|        | 39                              | 75.20                        | 24.60 | 92.00       | 32.01 | 109.6       | 40.24 | 117.6       | 44.23 | 126.1       | 47.84 | 134.2       | 50.25 | 138.4       | 51.46 |
|        | 41                              | 75.20                        | 26.64 | 92.00       | 34.69 | 109.6       | 43.33 | 117.6       | 47.38 | 126.1       | 50.26 | 129.0       | 50.91 | 131.3       | 51.17 |
|        | 43                              | 75.20                        | 29.04 | 92.00       | 37.85 | 109.6       | 46.04 | 117.6       | 50.16 | 119.2       | 50.64 | 121.2       | 50.75 | 122.9       | 51.02 |
|        | 46                              | 73.90                        | 32.44 | 90.40       | 41.97 | 105.8       | 49.07 | 106.3       | 50.55 | 107.0       | 50.65 | 108.8       | 50.74 | 110.3       | 51.00 |
|        | 48                              | 69.20                        | 30.78 | 84.90       | 39.76 | 94.00       | 44.42 | 94.60       | 45.48 | 95.10       | 45.55 | 96.70       | 45.61 | 98.10       | 45.82 |
|        | 50                              | 64.60                        | 29.14 | 78.50       | 36.96 | 82.10       | 39.40 | 83.10       | 40.07 | 83.40       | 40.13 | 84.80       | 40.15 | 86.10       | 40.28 |
|        | 52                              | 59.90                        | 26.74 | 68.00       | 31.65 | 69.90       | 33.20 | 71.30       | 33.19 | 71.90       | 33.01 | 73.30       | 32.76 | 74.30       | 32.60 |
| 90     | 10                              | 67.70                        | 9.57  | 82.90       | 11.47 | 98.70       | 13.78 | 105.8       | 15.01 | 113.4       | 16.42 | 124.1       | 18.30 | 134.1       | 19.99 |
|        | 12                              | 67.70                        | 9.71  | 82.90       | 11.90 | 98.70       | 14.41 | 105.8       | 15.74 | 113.4       | 17.27 | 124.1       | 19.23 | 134.1       | 21.17 |
|        | 14                              | 67.70                        | 9.87  | 82.90       | 12.19 | 98.70       | 14.97 | 105.8       | 16.52 | 113.4       | 18.15 | 124.1       | 20.23 | 134.1       | 22.27 |
|        | 16                              | 67.70                        | 10.07 | 82.90       | 12.45 | 98.70       | 15.69 | 105.8       | 17.29 | 113.4       | 19.10 | 124.1       | 21.31 | 134.1       | 23.42 |
|        | 18                              | 67.70                        | 10.23 | 82.90       | 13.08 | 98.70       | 16.43 | 105.8       | 18.16 | 113.4       | 20.04 | 124.1       | 22.50 | 134.1       | 24.99 |
|        | 20                              | 67.70                        | 10.72 | 82.90       | 13.74 | 98.70       | 17.35 | 105.8       | 19.15 | 113.4       | 21.34 | 124.1       | 24.26 | 134.1       | 26.75 |
|        | 21                              | 67.70                        | 10.96 | 82.90       | 14.10 | 98.70       | 17.90 | 105.8       | 19.90 | 113.4       | 22.28 | 124.1       | 25.02 | 134.1       | 27.60 |
|        | 23                              | 67.70                        | 11.57 | 82.90       | 15.06 | 98.70       | 19.47 | 105.8       | 21.66 | 113.4       | 24.19 | 124.1       | 26.98 | 134.1       | 29.67 |
|        | 25                              | 67.70                        | 12.46 | 82.90       | 16.35 | 98.70       | 21.19 | 105.8       | 23.60 | 113.4       | 26.10 | 124.1       | 28.98 | 134.1       | 31.55 |
|        | 27                              | 67.70                        | 13.51 | 82.90       | 17.85 | 98.70       | 22.79 | 105.8       | 25.18 | 113.4       | 27.88 | 124.1       | 30.85 | 134.1       | 33.74 |
|        | 29                              | 67.70                        | 14.70 | 82.90       | 19.29 | 98.70       | 24.35 | 105.8       | 26.88 | 113.4       | 29.76 | 124.1       | 32.77 | 134.1       | 35.78 |
|        | 31                              | 67.70                        | 16.03 | 82.90       | 20.56 | 98.70       | 25.95 | 105.8       | 28.65 | 113.4       | 31.73 | 124.1       | 34.66 | 134.1       | 37.94 |
|        | 33                              | 67.70                        | 17.07 | 82.90       | 21.91 | 98.70       | 27.67 | 105.8       | 30.54 | 113.4       | 33.74 | 124.1       | 36.63 | 133.7       | 40.09 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 67.70                        | 18.14 | 82.90       | 23.30 | 98.70       | 29.46 | 105.8       | 32.57 | 113.4       | 35.88 | 124.1       | 39.26 | 132.5       | 42.56 |
|        | 37                              | 67.70                        | 19.30 | 82.90       | 24.81 | 98.70       | 31.42 | 105.8       | 34.66 | 113.4       | 38.08 | 124.1       | 41.83 | 131.4       | 44.97 |
|        | 39                              | 67.70                        | 20.50 | 82.90       | 26.43 | 98.70       | 33.38 | 105.8       | 36.95 | 113.4       | 40.35 | 124.1       | 44.81 | 130.3       | 47.15 |
|        | 41                              | 67.70                        | 22.92 | 82.90       | 29.37 | 98.70       | 36.87 | 105.8       | 40.75 | 113.4       | 43.83 | 123.5       | 47.51 | 127.4       | 49.10 |
|        | 43                              | 67.70                        | 25.12 | 82.90       | 32.20 | 98.70       | 40.65 | 105.8       | 43.97 | 113.4       | 46.73 | 119.9       | 49.60 | 121.0       | 49.93 |
|        | 46                              | 66.50                        | 28.83 | 81.40       | 37.18 | 97.10       | 45.87 | 103.8       | 49.38 | 105.4       | 50.20 | 107.4       | 50.78 | 108.6       | 51.04 |
|        | 48                              | 62.30                        | 27.55 | 76.40       | 35.58 | 90.30       | 43.33 | 93.20       | 45.18 | 93.80       | 45.58 | 95.60       | 45.65 | 96.60       | 45.86 |
|        | 50                              | 58.10                        | 26.28 | 71.50       | 33.69 | 80.30       | 39.18 | 82.90       | 40.70 | 82.40       | 40.65 | 84.00       | 40.21 | 84.80       | 40.38 |
|        | 52                              | 54.00                        | 25.03 | 64.80       | 30.38 | 69.80       | 34.03 | 72.20       | 34.96 | 70.80       | 34.21 | 72.30       | 33.02 | 73.20       | 32.95 |
| 80     | 10                              | 60.10                        | 8.87  | 73.60       | 10.60 | 87.60       | 12.52 | 94.10       | 13.55 | 101.0       | 14.68 | 110.4       | 16.49 | 119.2       | 17.84 |
|        | 12                              | 60.10                        | 9.01  | 73.60       | 10.93 | 87.60       | 13.05 | 94.10       | 14.14 | 101.0       | 15.34 | 110.4       | 17.26 | 119.2       | 18.69 |
|        | 14                              | 60.10                        | 9.12  | 73.60       | 11.15 | 87.60       | 13.42 | 94.10       | 14.58 | 101.0       | 15.92 | 110.4       | 18.09 | 119.2       | 19.60 |
|        | 16                              | 60.10                        | 9.24  | 73.60       | 11.33 | 87.60       | 13.86 | 94.10       | 15.19 | 101.0       | 16.74 | 110.4       | 18.94 | 119.2       | 20.58 |
|        | 18                              | 60.10                        | 9.44  | 73.60       | 11.69 | 87.60       | 14.54 | 94.10       | 15.97 | 101.0       | 17.55 | 110.4       | 19.82 | 119.2       | 21.59 |
|        | 20                              | 60.10                        | 9.74  | 73.60       | 12.23 | 87.60       | 15.30 | 94.10       | 16.80 | 101.0       | 18.50 | 110.4       | 21.07 | 119.2       | 23.22 |
|        | 21                              | 60.10                        | 9.92  | 73.60       | 12.56 | 87.60       | 15.71 | 94.10       | 17.27 | 101.0       | 19.13 | 110.4       | 21.94 | 119.2       | 24.01 |
|        | 23                              | 60.10                        | 10.42 | 73.60       | 13.21 | 87.60       | 16.80 | 94.10       | 18.70 | 101.0       | 20.77 | 110.4       | 23.55 | 119.2       | 25.74 |
|        | 25                              | 60.10                        | 11.08 | 73.60       | 14.35 | 87.60       | 18.35 | 94.10       | 20.30 | 101.0       | 22.62 | 110.4       | 25.62 | 119.2       | 27.82 |
|        | 27                              | 60.10                        | 12.03 | 73.60       | 15.60 | 87.60       | 20.04 | 94.10       | 22.02 | 101.0       | 24.23 | 110.4       | 27.27 | 119.2       | 29.45 |
|        | 29                              | 60.10                        | 13.11 | 73.60       | 17.03 | 87.60       | 21.33 | 94.10       | 23.47 | 101.0       | 25.87 | 110.4       | 29.16 | 119.2       | 31.13 |
|        | 31                              | 60.10                        | 14.29 | 73.60       | 18.23 | 87.60       | 22.76 | 94.10       | 25.03 | 101.0       | 27.55 | 110.4       | 31.01 | 119.2       | 32.90 |
|        | 33                              | 60.10                        | 15.35 | 73.60       | 19.46 | 87.60       | 24.26 | 94.10       | 26.68 | 101.0       | 29.37 | 110.4       | 32.85 | 119.2       | 34.75 |
|        | 35                              | 60.10                        | 16.32 | 73.60       | 20.68 | 87.60       | 25.84 | 94.10       | 28.42 | 101.0       | 31.33 | 110.4       | 34.91 | 119.2       | 37.10 |
|        | 37                              | 60.10                        | 17.31 | 73.60       | 22.01 | 87.60       | 27.49 | 94.10       | 30.27 | 101.0       | 33.34 | 110.4       | 37.03 | 119.2       | 39.51 |
|        | 39                              | 60.10                        | 18.37 | 73.60       | 23.37 | 87.60       | 29.36 | 94.10       | 32.43 | 101.0       | 35.72 | 110.4       | 39.32 | 119.2       | 42.30 |
|        | 41                              | 60.10                        | 20.41 | 73.60       | 25.98 | 87.60       | 32.46 | 94.10       | 35.82 | 101.0       | 39.52 | 110.4       | 43.01 | 119.0       | 46.11 |
|        | 43                              | 60.10                        | 22.64 | 73.60       | 28.66 | 87.60       | 35.78 | 94.10       | 39.45 | 101.0       | 43.36 | 110.4       | 46.11 | 116.4       | 48.51 |
|        | 46                              | 59.10                        | 25.82 | 72.30       | 32.91 | 86.10       | 40.81 | 92.50       | 44.27 | 99.30       | 48.73 | 105.7       | 50.82 | 107.0       | 51.08 |
|        | 48                              | 55.30                        | 24.64 | 67.90       | 31.44 | 81.00       | 38.91 | 87.00       | 42.16 | 90.70       | 45.30 | 94.10       | 45.69 | 95.20       | 45.90 |
|        | 50                              | 51.60                        | 23.48 | 63.50       | 29.99 | 75.80       | 36.83 | 78.30       | 38.46 | 80.80       | 40.88 | 82.60       | 40.25 | 83.60       | 40.41 |
|        | 52                              | 47.90                        | 22.32 | 59.10       | 27.76 | 65.80       | 31.88 | 68.10       | 33.27 | 70.40       | 35.29 | 70.90       | 33.34 | 72.00       | 33.28 |
| 70     | 10                              | 52.60                        | 7.68  | 64.50       | 9.42  | 76.70       | 10.89 | 82.30       | 11.73 | 88.30       | 12.59 | 96.50       | 14.06 | 104.3       | 15.46 |
|        | 12                              | 52.60                        | 7.98  | 64.50       | 9.54  | 76.70       | 11.35 | 82.30       | 12.19 | 88.30       | 13.14 | 96.50       | 14.66 | 104.3       | 16.13 |
|        | 14                              | 52.60                        | 8.09  | 64.50       | 9.70  | 76.70       | 11.57 | 82.30       | 12.48 | 88.30       | 13.51 | 96.50       | 15.16 | 104.3       | 16.71 |
|        | 16                              | 52.60                        | 8.21  | 64.50       | 9.86  | 76.70       | 11.79 | 82.30       | 12.80 | 88.30       | 13.98 | 96.50       | 15.79 | 104.3       | 17.47 |
|        | 18                              | 52.60                        | 8.32  | 64.50       | 10.07 | 76.70       | 12.31 | 82.30       | 13.44 | 88.30       | 14.67 | 96.50       | 16.52 | 104.3       | 18.26 |
|        | 20                              | 52.60                        | 8.47  | 64.50       | 10.50 | 76.70       | 12.87 | 82.30       | 14.13 | 88.30       | 15.45 | 96.50       | 17.39 | 104.3       | 19.43 |
|        | 21                              | 52.60                        | 8.69  | 64.50       | 10.74 | 76.70       | 13.22 | 82.30       | 14.50 | 88.30       | 15.86 | 96.50       | 17.96 | 104.3       | 20.04 |
|        | 23                              | 52.60                        | 9.05  | 64.50       | 11.30 | 76.70       | 13.95 | 82.30       | 15.42 | 88.30       | 17.06 | 96.50       | 19.46 | 104.3       | 21.59 |
|        | 25                              | 52.60                        | 9.47  | 64.50       | 12.07 | 76.70       | 15.21 | 82.30       | 16.83 | 88.30       | 18.53 | 96.50       | 21.18 | 104.3       | 23.20 |
|        | 27                              | 52.60                        | 10.21 | 64.50       | 13.16 | 76.70       | 16.55 | 82.30       | 18.25 | 88.30       | 20.25 | 96.50       | 22.92 | 104.3       | 24.87 |
|        | 29                              | 52.60                        | 11.17 | 64.50       | 14.33 | 76.70       | 17.99 | 82.30       | 19.65 | 88.30       | 21.55 | 96.50       | 24.45 | 104.3       | 26.60 |
|        | 31                              | 52.60                        | 12.18 | 64.50       | 15.61 | 76.70       | 19.18 | 82.30       | 20.99 | 88.30       | 23.00 | 96.50       | 26.07 | 104.3       | 28.29 |
|        | 33                              | 52.60                        | 13.23 | 64.50       | 16.56 | 76.70       | 20.41 | 82.30       | 22.32 | 88.30       | 24.47 | 96.50       | 27.77 | 104.3       | 30.14 |
|        | 35                              | 52.60                        | 14.09 | 64.50       | 17.66 | 76.70       | 21.73 | 82.30       | 23.77 | 88.30       | 26.08 | 96.50       | 29.60 | 104.3       | 32.04 |
|        | 37                              | 52.60                        | 14.99 | 64.50       | 18.75 | 76.70       | 23.12 | 82.30       | 25.32 | 88.30       | 27.79 | 96.50       | 31.53 | 104.3       | 33.97 |
|        | 39                              | 52.60                        | 15.94 | 64.50       | 20.00 | 76.70       | 24.71 | 82.30       | 27.14 | 88.30       | 29.84 | 96.50       | 33.70 | 104.3       | 36.46 |
|        | 41                              | 52.60                        | 17.70 | 64.50       | 22.09 | 76.70       | 27.28 | 82.30       | 29.98 | 88.30       | 32.81 | 96.50       | 37.31 | 104.3       | 39.95 |
|        | 43                              | 52.60                        | 19.50 | 64.50       | 24.34 | 76.70       | 30.07 | 82.30       | 33.02 | 88.30       | 36.16 | 96.50       | 41.19 | 104.3       | 43.85 |
|        | 46                              | 51.70                        | 22.21 | 63.30       | 27.91 | 75.40       | 34.49 | 80.90       | 37.64 | 86.80       | 41.16 | 94.80       | 46.62 | 102.5       | 48.96 |
|        | 48                              | 48.50                        | 21.23 | 59.50       | 26.69 | 70.90       | 33.03 | 76.10       | 36.05 | 81.70       | 39.28 | 89.10       | 44.29 | 94.80       | 45.64 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 45.20                        | 20.26 | 55.60       | 25.47 | 66.40       | 31.59 | 71.30       | 34.05 | 75.80       | 36.90 | 79.90       | 40.25 | 84.20       | 40.83 |
|        | 52                              | 42.00                        | 19.30 | 51.70       | 24.28 | 61.90       | 29.12 | 63.90       | 30.36 | 65.90       | 31.96 | 69.60       | 34.91 | 73.30       | 34.78 |
| 60     | 10                              | 45.10                        | 6.48  | 55.20       | 8.06  | 65.70       | 9.49  | 70.60       | 10.12 | 75.70       | 10.74 | 82.80       | 11.91 | 89.50       | 13.04 |
|        | 12                              | 45.10                        | 6.99  | 55.20       | 8.24  | 65.70       | 9.67  | 70.60       | 10.44 | 75.70       | 11.16 | 82.80       | 12.35 | 89.50       | 13.56 |
|        | 14                              | 45.10                        | 7.06  | 55.20       | 8.36  | 65.70       | 9.87  | 70.60       | 10.63 | 75.70       | 11.40 | 82.80       | 12.67 | 89.50       | 13.94 |
|        | 16                              | 45.10                        | 7.17  | 55.20       | 8.51  | 65.70       | 9.99  | 70.60       | 10.79 | 75.70       | 11.66 | 82.80       | 12.95 | 89.50       | 14.33 |
|        | 18                              | 45.10                        | 7.29  | 55.20       | 8.68  | 65.70       | 10.25 | 70.60       | 11.15 | 75.70       | 12.10 | 82.80       | 13.54 | 89.50       | 14.97 |
|        | 20                              | 45.10                        | 7.40  | 55.20       | 8.88  | 65.70       | 10.71 | 70.60       | 11.65 | 75.70       | 12.70 | 82.80       | 14.21 | 89.50       | 15.78 |
|        | 21                              | 45.10                        | 7.47  | 55.20       | 9.04  | 65.70       | 11.02 | 70.60       | 11.96 | 75.70       | 13.04 | 82.80       | 14.63 | 89.50       | 16.16 |
|        | 23                              | 45.10                        | 7.76  | 55.20       | 9.52  | 65.70       | 11.57 | 70.60       | 12.62 | 75.70       | 13.79 | 82.80       | 15.57 | 89.50       | 17.45 |
|        | 25                              | 45.10                        | 8.13  | 55.20       | 10.03 | 65.70       | 12.36 | 70.60       | 13.59 | 75.70       | 14.94 | 82.80       | 16.98 | 89.50       | 18.94 |
|        | 27                              | 45.10                        | 8.62  | 55.20       | 10.80 | 65.70       | 13.44 | 70.60       | 14.78 | 75.70       | 16.24 | 82.80       | 18.42 | 89.50       | 20.62 |
|        | 29                              | 45.10                        | 9.36  | 55.20       | 11.82 | 65.70       | 14.68 | 70.60       | 16.13 | 75.70       | 17.71 | 82.80       | 19.91 | 89.50       | 22.15 |
|        | 31                              | 45.10                        | 10.25 | 55.20       | 12.93 | 65.70       | 15.92 | 70.60       | 17.34 | 75.70       | 18.86 | 82.80       | 21.22 | 89.50       | 23.58 |
|        | 33                              | 45.10                        | 11.20 | 55.20       | 13.95 | 65.70       | 16.93 | 70.60       | 18.43 | 75.70       | 20.10 | 82.80       | 22.59 | 89.50       | 25.16 |
|        | 35                              | 45.10                        | 12.02 | 55.20       | 14.85 | 65.70       | 18.02 | 70.60       | 19.61 | 75.70       | 21.37 | 82.80       | 24.08 | 89.50       | 26.77 |
|        | 37                              | 45.10                        | 12.73 | 55.20       | 15.73 | 65.70       | 19.15 | 70.60       | 20.86 | 75.70       | 22.72 | 82.80       | 25.60 | 89.50       | 28.50 |
|        | 39                              | 45.10                        | 13.62 | 55.20       | 16.77 | 65.70       | 20.56 | 70.60       | 22.32 | 75.70       | 24.36 | 82.80       | 27.40 | 89.50       | 30.49 |
|        | 41                              | 45.10                        | 14.95 | 55.20       | 18.49 | 65.70       | 22.58 | 70.60       | 24.61 | 75.70       | 26.75 | 82.80       | 30.30 | 89.50       | 33.57 |
|        | 43                              | 45.10                        | 16.44 | 55.20       | 20.36 | 65.70       | 24.87 | 70.60       | 27.09 | 75.70       | 29.44 | 82.80       | 33.43 | 89.50       | 37.08 |
|        | 46                              | 44.30                        | 18.81 | 54.30       | 23.33 | 64.60       | 28.49 | 69.40       | 31.02 | 74.40       | 33.74 | 81.40       | 38.39 | 87.90       | 42.94 |
|        | 48                              | 41.50                        | 18.01 | 50.90       | 22.34 | 60.80       | 27.31 | 65.30       | 29.73 | 70.00       | 32.35 | 76.50       | 36.67 | 82.40       | 40.63 |
|        | 50                              | 38.70                        | 17.21 | 47.60       | 21.37 | 56.90       | 26.14 | 61.10       | 28.45 | 65.60       | 30.99 | 71.50       | 34.62 | 76.90       | 38.23 |
|        | 52                              | 35.90                        | 16.45 | 44.30       | 20.40 | 53.10       | 24.99 | 57.00       | 26.43 | 61.20       | 28.61 | 64.60       | 31.06 | 67.80       | 33.51 |
| 50     | 10                              | 37.60                        | 5.46  | 46.10       | 6.64  | 54.80       | 8.00  | 58.80       | 8.60  | 63.00       | 9.12  | 68.90       | 10.00 | 74.60       | 10.85 |
|        | 12                              | 37.60                        | 6.08  | 46.10       | 7.06  | 54.80       | 8.13  | 58.80       | 8.72  | 63.00       | 9.33  | 68.90       | 10.28 | 74.60       | 11.23 |
|        | 14                              | 37.60                        | 6.15  | 46.10       | 7.18  | 54.80       | 8.28  | 58.80       | 8.85  | 63.00       | 9.45  | 68.90       | 10.41 | 74.60       | 11.41 |
|        | 16                              | 37.60                        | 6.27  | 46.10       | 7.29  | 54.80       | 8.41  | 58.80       | 9.00  | 63.00       | 9.61  | 68.90       | 10.61 | 74.60       | 11.57 |
|        | 18                              | 37.60                        | 6.31  | 46.10       | 7.37  | 54.80       | 8.52  | 58.80       | 9.17  | 63.00       | 9.78  | 68.90       | 10.90 | 74.60       | 11.97 |
|        | 20                              | 37.60                        | 6.38  | 46.10       | 7.49  | 54.80       | 8.78  | 58.80       | 9.47  | 63.00       | 10.23 | 68.90       | 11.38 | 74.60       | 12.57 |
|        | 21                              | 37.60                        | 6.44  | 46.10       | 7.58  | 54.80       | 9.00  | 58.80       | 9.73  | 63.00       | 10.49 | 68.90       | 11.69 | 74.60       | 12.84 |
|        | 23                              | 37.60                        | 6.61  | 46.10       | 7.90  | 54.80       | 9.40  | 58.80       | 10.18 | 63.00       | 11.06 | 68.90       | 12.31 | 74.60       | 13.54 |
|        | 25                              | 37.60                        | 6.86  | 46.10       | 8.27  | 54.80       | 9.96  | 58.80       | 10.79 | 63.00       | 11.75 | 68.90       | 13.21 | 74.60       | 14.71 |
|        | 27                              | 37.60                        | 7.21  | 46.10       | 8.80  | 54.80       | 10.76 | 58.80       | 11.72 | 63.00       | 12.77 | 68.90       | 14.41 | 74.60       | 16.00 |
|        | 29                              | 37.60                        | 7.78  | 46.10       | 9.62  | 54.80       | 11.74 | 58.80       | 12.79 | 63.00       | 13.95 | 68.90       | 15.73 | 74.60       | 17.39 |
|        | 31                              | 37.60                        | 8.45  | 46.10       | 10.48 | 54.80       | 12.82 | 58.80       | 13.98 | 63.00       | 15.22 | 68.90       | 16.95 | 74.60       | 18.67 |
|        | 33                              | 37.60                        | 9.26  | 46.10       | 11.52 | 54.80       | 13.78 | 58.80       | 14.92 | 63.00       | 16.17 | 68.90       | 18.02 | 74.60       | 19.89 |
|        | 35                              | 37.60                        | 10.07 | 46.10       | 12.23 | 54.80       | 14.68 | 58.80       | 15.87 | 63.00       | 17.16 | 68.90       | 19.13 | 74.60       | 21.16 |
|        | 37                              | 37.60                        | 10.75 | 46.10       | 13.05 | 54.80       | 15.58 | 58.80       | 16.85 | 63.00       | 18.23 | 68.90       | 20.40 | 74.60       | 22.51 |
|        | 39                              | 37.60                        | 11.45 | 46.10       | 13.94 | 54.80       | 16.65 | 58.80       | 18.06 | 63.00       | 19.51 | 68.90       | 21.74 | 74.60       | 24.19 |
|        | 41                              | 37.60                        | 12.54 | 46.10       | 15.27 | 54.80       | 18.35 | 58.80       | 19.80 | 63.00       | 21.38 | 68.90       | 24.03 | 74.60       | 26.61 |
|        | 43                              | 37.60                        | 13.79 | 46.10       | 16.80 | 54.80       | 20.18 | 58.80       | 21.79 | 63.00       | 23.53 | 68.90       | 26.48 | 74.60       | 29.36 |
|        | 46                              | 36.90                        | 15.78 | 45.30       | 19.23 | 53.90       | 23.09 | 57.80       | 24.94 | 61.90       | 26.91 | 67.80       | 30.37 | 73.30       | 33.74 |
|        | 48                              | 34.60                        | 15.15 | 42.50       | 18.44 | 50.70       | 22.16 | 54.40       | 23.94 | 58.30       | 25.83 | 63.70       | 29.05 | 68.70       | 32.14 |
|        | 50                              | 32.30                        | 14.55 | 39.70       | 17.68 | 47.50       | 21.24 | 50.90       | 22.94 | 54.60       | 24.76 | 59.60       | 27.73 | 64.20       | 30.55 |
|        | 52                              | 30.00                        | 13.97 | 36.90       | 16.94 | 44.20       | 20.34 | 47.50       | 21.96 | 50.90       | 23.73 | 55.50       | 25.80 | 59.60       | 28.22 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

## ARUM440LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 110.3                        | 15.51 | 134.5       | 19.68 | 152.6       | 24.62 | 160.2       | 26.45 | 168.4       | 28.56 | 177.8       | 30.32 | 184.1       | 31.62 |
|        | 12                               | 110.3                        | 16.19 | 134.5       | 20.81 | 152.6       | 26.19 | 160.2       | 27.94 | 168.4       | 30.20 | 177.8       | 31.95 | 184.1       | 33.38 |
|        | 14                               | 110.3                        | 16.83 | 134.5       | 22.02 | 152.6       | 27.82 | 160.2       | 29.72 | 168.4       | 31.81 | 177.8       | 33.70 | 184.1       | 35.36 |
|        | 16                               | 110.3                        | 17.66 | 134.5       | 23.30 | 152.6       | 29.69 | 160.2       | 31.56 | 168.4       | 33.83 | 177.8       | 35.87 | 184.1       | 37.62 |
|        | 18                               | 110.3                        | 18.71 | 134.5       | 24.93 | 152.6       | 31.49 | 160.2       | 33.84 | 168.4       | 36.24 | 177.8       | 38.25 | 184.1       | 39.80 |
|        | 20                               | 110.3                        | 19.93 | 134.5       | 26.87 | 152.6       | 33.67 | 160.2       | 36.96 | 168.4       | 39.23 | 177.8       | 41.72 | 184.1       | 42.97 |
|        | 21                               | 110.3                        | 20.62 | 134.5       | 27.90 | 152.6       | 34.58 | 160.2       | 38.69 | 168.4       | 41.01 | 177.8       | 43.58 | 184.1       | 44.84 |
|        | 23                               | 110.3                        | 22.33 | 134.5       | 29.96 | 152.6       | 36.68 | 160.2       | 42.06 | 168.4       | 45.04 | 177.8       | 47.35 | 184.1       | 48.64 |
|        | 25                               | 110.3                        | 24.23 | 134.5       | 32.02 | 152.6       | 39.17 | 160.2       | 46.29 | 168.4       | 49.22 | 177.8       | 51.61 | 184.1       | 52.93 |
|        | 27                               | 110.3                        | 26.26 | 134.5       | 34.19 | 152.6       | 42.15 | 160.2       | 51.04 | 168.4       | 53.57 | 177.8       | 56.13 | 184.1       | 57.60 |
|        | 29                               | 110.3                        | 27.99 | 134.5       | 36.51 | 152.6       | 45.86 | 160.2       | 55.71 | 168.4       | 58.39 | 177.8       | 61.07 | 184.1       | 62.44 |
|        | 31                               | 110.3                        | 29.86 | 134.5       | 38.72 | 152.6       | 49.33 | 160.2       | 57.30 | 168.4       | 60.12 | 177.1       | 62.73 | 183.7       | 64.30 |
|        | 33                               | 110.3                        | 31.83 | 134.5       | 41.58 | 152.6       | 53.17 | 160.2       | 58.81 | 168.3       | 61.76 | 175.0       | 63.73 | 177.4       | 63.88 |
|        | 35                               | 110.3                        | 33.94 | 134.5       | 44.33 | 152.6       | 57.66 | 159.8       | 60.24 | 165.8       | 62.42 | 168.2       | 62.74 | 170.8       | 62.88 |
|        | 37                               | 110.3                        | 36.20 | 134.5       | 47.25 | 152.0       | 58.88 | 157.6       | 60.72 | 159.1       | 60.93 | 161.4       | 61.23 | 164.1       | 61.35 |
|        | 39                               | 110.3                        | 38.57 | 134.5       | 50.58 | 149.8       | 58.23 | 151.2       | 58.38 | 152.4       | 58.56 | 155.0       | 58.87 | 157.7       | 59.00 |
|        | 41                               | 110.3                        | 41.96 | 132.2       | 53.74 | 141.5       | 56.36 | 142.6       | 56.52 | 144.1       | 56.70 | 146.5       | 56.98 | 148.9       | 57.14 |
|        | 43                               | 110.3                        | 45.47 | 129.0       | 53.92 | 133.3       | 54.74 | 134.4       | 54.90 | 135.9       | 55.08 | 138.4       | 55.40 | 140.5       | 55.50 |
|        | 46                               | 108.1                        | 50.21 | 117.4       | 52.62 | 119.7       | 52.78 | 120.8       | 52.94 | 122.3       | 53.12 | 124.5       | 53.40 | 126.6       | 53.56 |
|        | 48                               | 100.7                        | 50.64 | 104.1       | 51.55 | 106.2       | 51.59 | 107.2       | 51.67 | 108.6       | 51.98 | 110.5       | 52.18 | 112.3       | 52.30 |
|        | 50                               | 91.30                        | 50.02 | 91.20       | 50.25 | 93.00       | 50.19 | 93.90       | 50.22 | 95.00       | 50.56 | 96.70       | 50.66 | 98.20       | 50.79 |
|        | 52                               | 78.90                        | 47.44 | 78.00       | 47.40 | 80.00       | 46.44 | 80.70       | 46.19 | 81.70       | 46.45 | 83.20       | 46.30 | 84.50       | 46.32 |
| 120    | 10                               | 100.6                        | 14.02 | 122.6       | 17.64 | 140.7       | 22.13 | 147.8       | 24.50 | 155.6       | 26.31 | 164.7       | 27.89 | 170.5       | 29.30 |
|        | 12                               | 100.6                        | 14.64 | 122.6       | 18.60 | 140.7       | 23.52 | 147.8       | 25.75 | 155.6       | 27.95 | 164.7       | 29.79 | 170.5       | 31.19 |
|        | 14                               | 100.6                        | 15.24 | 122.6       | 19.64 | 140.7       | 25.01 | 147.8       | 27.36 | 155.6       | 29.70 | 164.7       | 31.50 | 170.5       | 32.89 |
|        | 16                               | 100.6                        | 15.79 | 122.6       | 20.74 | 140.7       | 26.58 | 147.8       | 29.07 | 155.6       | 31.51 | 164.7       | 33.36 | 170.5       | 34.93 |
|        | 18                               | 100.6                        | 16.71 | 122.6       | 22.06 | 140.7       | 28.29 | 147.8       | 30.99 | 155.6       | 33.57 | 164.7       | 35.62 | 170.5       | 37.14 |
|        | 20                               | 100.6                        | 17.68 | 122.6       | 23.72 | 140.7       | 30.15 | 147.8       | 33.19 | 155.6       | 35.80 | 164.7       | 37.84 | 170.5       | 39.29 |
|        | 21                               | 100.6                        | 18.34 | 122.6       | 24.67 | 140.7       | 31.27 | 147.8       | 34.26 | 155.6       | 36.95 | 164.7       | 39.06 | 170.5       | 40.77 |
|        | 23                               | 100.6                        | 19.89 | 122.6       | 26.72 | 140.7       | 33.66 | 147.8       | 36.56 | 155.6       | 39.48 | 164.7       | 41.62 | 170.5       | 43.11 |
|        | 25                               | 100.6                        | 21.55 | 122.6       | 29.01 | 140.7       | 35.62 | 147.8       | 38.99 | 155.6       | 42.31 | 164.7       | 44.73 | 170.5       | 46.05 |
|        | 27                               | 100.6                        | 23.43 | 122.6       | 30.99 | 140.7       | 38.18 | 147.8       | 41.72 | 155.6       | 45.60 | 164.7       | 48.00 | 170.5       | 49.37 |
|        | 29                               | 100.6                        | 25.10 | 122.6       | 33.06 | 140.7       | 40.40 | 147.8       | 44.80 | 155.6       | 48.84 | 164.7       | 51.61 | 170.5       | 52.97 |
|        | 31                               | 100.6                        | 26.76 | 122.6       | 35.29 | 140.7       | 42.75 | 147.8       | 48.28 | 155.6       | 52.44 | 164.7       | 55.49 | 170.5       | 57.02 |
|        | 33                               | 100.6                        | 28.50 | 122.6       | 37.62 | 140.7       | 45.75 | 147.8       | 52.57 | 155.6       | 56.50 | 164.7       | 59.57 | 170.5       | 61.23 |
|        | 35                               | 100.6                        | 30.34 | 122.6       | 40.12 | 140.7       | 49.12 | 147.8       | 57.57 | 155.6       | 60.41 | 164.6       | 63.37 | 167.1       | 63.75 |
|        | 37                               | 100.6                        | 32.54 | 122.6       | 42.52 | 140.7       | 52.89 | 147.8       | 58.74 | 155.1       | 61.30 | 158.0       | 61.65 | 160.2       | 61.91 |
|        | 39                               | 100.6                        | 34.91 | 122.6       | 45.21 | 140.7       | 56.09 | 147.5       | 58.63 | 149.1       | 58.94 | 151.6       | 59.03 | 153.9       | 59.29 |
|        | 41                               | 100.6                        | 38.21 | 122.6       | 49.54 | 138.6       | 56.37 | 139.6       | 56.64 | 140.7       | 56.79 | 142.9       | 56.88 | 145.2       | 57.14 |
|        | 43                               | 100.6                        | 41.73 | 122.1       | 51.09 | 130.5       | 54.47 | 131.6       | 54.77 | 132.6       | 54.91 | 134.8       | 55.01 | 137.1       | 55.29 |
|        | 46                               | 98.70                        | 46.71 | 114.9       | 51.33 | 117.2       | 52.12 | 118.1       | 52.38 | 119.2       | 52.56 | 121.3       | 52.65 | 123.4       | 52.90 |
|        | 48                               | 92.00                        | 47.23 | 102.0       | 50.41 | 104.1       | 51.19 | 104.9       | 51.39 | 105.8       | 51.47 | 107.6       | 51.59 | 109.5       | 51.70 |
|        | 50                               | 85.20                        | 47.73 | 89.30       | 49.30 | 91.10       | 50.00 | 91.80       | 50.12 | 92.60       | 50.17 | 94.30       | 50.33 | 95.90       | 50.28 |
|        | 52                               | 74.80                        | 45.95 | 76.30       | 46.99 | 78.40       | 46.80 | 79.00       | 46.69 | 79.70       | 46.48 | 81.10       | 46.53 | 82.50       | 46.31 |
| 110    | 10                               | 91.00                        | 12.71 | 111.0       | 15.73 | 129.1       | 19.49 | 135.5       | 21.48 | 145.1       | 23.75 | 151.1       | 25.34 | 159.8       | 26.62 |
|        | 12                               | 91.00                        | 13.28 | 111.0       | 16.56 | 129.1       | 20.71 | 135.5       | 22.66 | 145.1       | 25.22 | 151.1       | 27.01 | 159.8       | 28.48 |
|        | 14                               | 91.00                        | 13.70 | 111.0       | 17.43 | 129.1       | 22.07 | 135.5       | 24.23 | 145.1       | 26.99 | 151.1       | 28.85 | 159.8       | 30.40 |
|        | 16                               | 91.00                        | 14.14 | 111.0       | 18.39 | 129.1       | 23.49 | 135.5       | 25.84 | 145.1       | 28.83 | 151.1       | 30.63 | 159.8       | 32.15 |
|        | 18                               | 91.00                        | 14.85 | 111.0       | 19.49 | 129.1       | 25.25 | 135.5       | 27.71 | 145.1       | 30.73 | 151.1       | 32.64 | 159.8       | 34.20 |
|        | 20                               | 91.00                        | 15.70 | 111.0       | 20.85 | 129.1       | 27.04 | 135.5       | 29.45 | 145.1       | 32.84 | 151.1       | 34.92 | 159.8       | 36.35 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 91.00                        | 16.21 | 111.0       | 21.61 | 129.1       | 27.92 | 135.5       | 30.51 | 145.1       | 33.99 | 151.1       | 35.96 | 159.8       | 37.52 |
|        | 23                               | 91.00                        | 17.51 | 111.0       | 23.46 | 129.1       | 30.07 | 135.5       | 32.52 | 145.1       | 36.07 | 151.1       | 38.07 | 159.8       | 39.71 |
|        | 25                               | 91.00                        | 19.03 | 111.0       | 25.36 | 129.1       | 31.91 | 135.5       | 34.56 | 145.1       | 38.28 | 151.1       | 40.31 | 159.8       | 42.43 |
|        | 27                               | 91.00                        | 20.66 | 111.0       | 27.35 | 129.1       | 33.99 | 135.5       | 36.72 | 145.1       | 40.44 | 151.1       | 42.79 | 159.8       | 45.32 |
|        | 29                               | 91.00                        | 22.39 | 111.0       | 29.19 | 129.1       | 36.05 | 135.5       | 39.16 | 145.1       | 43.15 | 151.1       | 45.47 | 159.8       | 48.00 |
|        | 31                               | 91.00                        | 23.82 | 111.0       | 31.12 | 129.1       | 38.24 | 135.5       | 41.62 | 145.1       | 46.07 | 151.1       | 48.32 | 159.8       | 50.97 |
|        | 33                               | 91.00                        | 25.40 | 111.0       | 33.15 | 129.1       | 40.56 | 135.5       | 44.23 | 145.1       | 49.30 | 151.1       | 51.46 | 159.8       | 54.04 |
|        | 35                               | 91.00                        | 27.02 | 111.0       | 35.39 | 129.1       | 43.03 | 135.5       | 47.05 | 145.1       | 52.72 | 151.1       | 54.71 | 159.7       | 57.39 |
|        | 37                               | 91.00                        | 28.70 | 111.0       | 37.63 | 129.1       | 45.66 | 135.5       | 50.46 | 145.1       | 56.30 | 151.1       | 58.15 | 156.3       | 59.22 |
|        | 39                               | 91.00                        | 30.83 | 111.0       | 40.05 | 129.1       | 48.97 | 135.5       | 53.95 | 145.1       | 58.48 | 147.2       | 58.59 | 150.1       | 58.85 |
|        | 41                               | 91.00                        | 33.76 | 111.0       | 43.50 | 129.1       | 52.65 | 135.5       | 58.44 | 137.4       | 58.86 | 139.5       | 59.12 | 141.5       | 59.41 |
|        | 43                               | 91.00                        | 36.47 | 111.0       | 46.77 | 127.3       | 55.85 | 128.5       | 56.26 | 129.4       | 56.18 | 131.5       | 56.35 | 133.4       | 56.44 |
|        | 46                               | 89.20                        | 38.37 | 109.0       | 47.93 | 114.2       | 52.85 | 115.3       | 52.84 | 116.1       | 53.12 | 118.2       | 53.31 | 119.8       | 53.36 |
|        | 48                               | 83.20                        | 38.89 | 99.80       | 47.82 | 101.4       | 50.92 | 102.5       | 51.14 | 103.2       | 51.27 | 104.9       | 51.36 | 106.5       | 51.48 |
|        | 50                               | 77.20                        | 39.28 | 87.60       | 46.16 | 88.80       | 48.72 | 89.70       | 49.15 | 90.40       | 49.16 | 91.90       | 49.15 | 93.30       | 49.32 |
| 100    | 52                               | 70.60                        | 38.73 | 74.70       | 43.41 | 76.30       | 44.91 | 77.20       | 45.40 | 77.80       | 45.12 | 78.90       | 44.88 | 80.30       | 44.87 |
|        | 10                               | 79.00                        | 11.54 | 96.50       | 14.10 | 114.9       | 17.22 | 123.2       | 18.86 | 132.0       | 20.70 | 143.6       | 23.12 | 148.3       | 24.01 |
|        | 12                               | 79.00                        | 12.04 | 96.50       | 14.89 | 114.9       | 18.18 | 123.2       | 19.85 | 132.0       | 21.89 | 143.6       | 24.78 | 148.3       | 25.78 |
|        | 14                               | 79.00                        | 12.37 | 96.50       | 15.56 | 114.9       | 19.32 | 123.2       | 21.14 | 132.0       | 23.32 | 143.6       | 26.59 | 148.3       | 27.66 |
|        | 16                               | 79.00                        | 12.67 | 96.50       | 16.23 | 114.9       | 20.47 | 123.2       | 22.57 | 132.0       | 25.02 | 143.6       | 28.42 | 148.3       | 29.66 |
|        | 18                               | 79.00                        | 13.16 | 96.50       | 17.17 | 114.9       | 21.71 | 123.2       | 24.02 | 132.0       | 26.95 | 143.6       | 30.38 | 148.3       | 31.53 |
|        | 20                               | 79.00                        | 13.87 | 96.50       | 18.18 | 114.9       | 23.30 | 123.2       | 25.98 | 132.0       | 28.99 | 143.6       | 32.36 | 148.3       | 33.67 |
|        | 21                               | 79.00                        | 14.30 | 96.50       | 18.78 | 114.9       | 24.22 | 123.2       | 27.06 | 132.0       | 30.22 | 143.6       | 33.45 | 148.3       | 34.71 |
|        | 23                               | 79.00                        | 15.40 | 96.50       | 20.33 | 114.9       | 26.29 | 123.2       | 29.34 | 132.0       | 32.58 | 143.6       | 35.39 | 148.3       | 36.65 |
|        | 25                               | 79.00                        | 16.64 | 96.50       | 22.04 | 114.9       | 28.48 | 123.2       | 31.59 | 132.0       | 34.84 | 143.6       | 37.27 | 148.3       | 38.77 |
|        | 27                               | 79.00                        | 18.07 | 96.50       | 23.97 | 114.9       | 30.43 | 123.2       | 33.72 | 132.0       | 37.28 | 143.6       | 40.05 | 148.3       | 41.30 |
|        | 29                               | 79.00                        | 19.64 | 96.50       | 25.57 | 114.9       | 32.48 | 123.2       | 36.00 | 132.0       | 39.57 | 143.6       | 42.55 | 148.3       | 44.07 |
|        | 31                               | 79.00                        | 21.10 | 96.50       | 27.27 | 114.9       | 34.63 | 123.2       | 38.40 | 132.0       | 41.83 | 143.6       | 45.09 | 148.3       | 46.72 |
|        | 33                               | 79.00                        | 22.42 | 96.50       | 29.06 | 114.9       | 36.94 | 123.2       | 40.97 | 132.0       | 43.91 | 143.6       | 47.79 | 148.3       | 49.52 |
| 90     | 35                               | 79.00                        | 23.87 | 96.50       | 30.95 | 114.9       | 39.36 | 123.2       | 43.69 | 132.0       | 46.51 | 143.2       | 50.60 | 148.2       | 52.29 |
|        | 37                               | 79.00                        | 25.52 | 96.50       | 33.12 | 114.9       | 41.82 | 123.2       | 46.15 | 132.0       | 49.60 | 141.8       | 53.51 | 146.6       | 55.11 |
|        | 39                               | 79.00                        | 27.31 | 96.50       | 35.48 | 114.9       | 44.45 | 123.2       | 48.79 | 132.0       | 52.64 | 140.5       | 55.25 | 144.9       | 56.50 |
|        | 41                               | 79.00                        | 29.63 | 96.50       | 38.53 | 114.9       | 47.92 | 123.2       | 52.43 | 132.0       | 55.55 | 135.1       | 56.22 | 137.6       | 56.53 |
|        | 43                               | 79.00                        | 32.37 | 96.50       | 42.13 | 114.9       | 51.10 | 123.2       | 55.72 | 124.9       | 56.22 | 127.1       | 56.35 | 128.9       | 56.67 |
|        | 46                               | 77.50                        | 36.23 | 94.80       | 46.85 | 110.9       | 54.75 | 111.5       | 56.52 | 112.1       | 56.63 | 114.1       | 56.74 | 115.7       | 57.06 |
|        | 48                               | 72.40                        | 34.11 | 88.70       | 44.06 | 98.40       | 49.36 | 99.00       | 50.63 | 99.60       | 50.72 | 101.3       | 50.79 | 102.9       | 51.04 |
|        | 50                               | 67.40                        | 31.99 | 81.80       | 40.65 | 85.80       | 43.57 | 86.90       | 44.37 | 87.20       | 44.45 | 88.80       | 44.47 | 90.10       | 44.63 |
|        | 52                               | 62.30                        | 29.09 | 70.90       | 34.71 | 72.90       | 36.57 | 74.50       | 36.62 | 75.00       | 36.45 | 76.50       | 36.20 | 77.60       | 36.05 |
|        | 10                               | 71.10                        | 10.76 | 86.90       | 12.91 | 103.4       | 15.48 | 110.9       | 16.84 | 118.7       | 18.39 | 130.1       | 20.50 | 140.8       | 22.40 |
|        | 12                               | 71.10                        | 10.93 | 86.90       | 13.36 | 103.4       | 16.14 | 110.9       | 17.61 | 118.7       | 19.28 | 130.1       | 21.48 | 140.8       | 23.66 |
|        | 14                               | 71.10                        | 11.11 | 86.90       | 13.69 | 103.4       | 16.73 | 110.9       | 18.43 | 118.7       | 20.20 | 130.1       | 22.52 | 140.8       | 24.81 |
|        | 16                               | 71.10                        | 11.33 | 86.90       | 13.97 | 103.4       | 17.49 | 110.9       | 19.23 | 118.7       | 21.19 | 130.1       | 23.65 | 140.8       | 26.01 |
|        | 18                               | 71.10                        | 11.50 | 86.90       | 14.63 | 103.4       | 18.26 | 110.9       | 20.15 | 118.7       | 22.17 | 130.1       | 24.89 | 140.8       | 27.71 |
|        | 20                               | 71.10                        | 12.02 | 86.90       | 15.32 | 103.4       | 19.22 | 110.9       | 21.17 | 118.7       | 23.55 | 130.1       | 26.81 | 140.8       | 29.60 |
|        | 21                               | 71.10                        | 12.28 | 86.90       | 15.69 | 103.4       | 19.81 | 110.9       | 21.99 | 118.7       | 24.57 | 130.1       | 27.62 | 140.8       | 30.52 |
|        | 23                               | 71.10                        | 12.91 | 86.90       | 16.72 | 103.4       | 21.50 | 110.9       | 23.90 | 118.7       | 26.64 | 130.1       | 29.74 | 140.8       | 32.77 |
|        | 25                               | 71.10                        | 13.87 | 86.90       | 18.13 | 103.4       | 23.36 | 110.9       | 26.00 | 118.7       | 28.72 | 130.1       | 31.93 | 140.8       | 34.83 |
|        | 27                               | 71.10                        | 15.02 | 86.90       | 19.74 | 103.4       | 25.12 | 110.9       | 27.74 | 118.7       | 30.69 | 130.1       | 33.98 | 140.8       | 37.22 |
|        | 29                               | 71.10                        | 16.29 | 86.90       | 21.30 | 103.4       | 26.84 | 110.9       | 29.62 | 118.7       | 32.76 | 130.1       | 36.08 | 140.8       | 39.46 |
|        | 31                               | 71.10                        | 17.73 | 86.90       | 22.71 | 103.4       | 28.59 | 110.9       | 31.56 | 118.7       | 34.93 | 130.1       | 38.14 | 140.8       | 41.81 |
|        | 33                               | 71.10                        | 18.88 | 86.90       | 24.20 | 103.4       | 30.49 | 110.9       | 33.64 | 118.7       | 37.14 | 130.1       | 40.28 | 140.3       | 44.14 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 71.10                        | 20.06 | 86.90       | 25.72 | 103.4       | 32.46 | 110.9       | 35.88 | 118.7       | 39.48 | 130.1       | 43.19 | 139.1       | 46.85 |
|        | 37                              | 71.10                        | 21.33 | 86.90       | 27.39 | 103.4       | 34.62 | 110.9       | 38.18 | 118.7       | 41.88 | 130.1       | 46.00 | 137.8       | 49.45 |
|        | 39                              | 71.10                        | 22.66 | 86.90       | 29.17 | 103.4       | 36.76 | 110.9       | 40.69 | 118.7       | 44.34 | 130.1       | 49.28 | 136.6       | 51.82 |
|        | 41                              | 71.10                        | 25.44 | 86.90       | 32.54 | 103.4       | 40.74 | 110.9       | 45.01 | 118.7       | 48.33 | 129.5       | 52.46 | 133.4       | 54.17 |
|        | 43                              | 71.10                        | 27.95 | 86.90       | 35.77 | 103.4       | 45.06 | 110.9       | 48.76 | 118.7       | 51.75 | 125.6       | 54.99 | 126.9       | 55.38 |
|        | 46                              | 69.80                        | 32.20 | 85.40       | 41.49 | 101.6       | 51.19 | 108.6       | 55.13 | 110.5       | 56.11 | 112.6       | 56.81 | 113.9       | 57.11 |
|        | 48                              | 65.20                        | 30.55 | 79.90       | 39.41 | 94.30       | 48.07 | 97.50       | 50.28 | 98.10       | 50.76 | 100.1       | 50.84 | 101.2       | 51.10 |
|        | 50                              | 60.70                        | 28.89 | 74.50       | 37.03 | 83.80       | 43.31 | 86.60       | 45.13 | 86.10       | 45.07 | 87.80       | 44.55 | 88.70       | 44.75 |
|        | 52                              | 56.10                        | 27.23 | 67.30       | 33.21 | 72.70       | 37.53 | 75.40       | 38.69 | 73.80       | 37.85 | 75.40       | 36.46 | 76.40       | 36.43 |
| 80     | 10                              | 63.10                        | 9.99  | 77.20       | 11.94 | 91.80       | 14.10 | 98.60       | 15.25 | 105.8       | 16.50 | 115.7       | 18.58 | 125.2       | 20.10 |
|        | 12                              | 63.10                        | 10.15 | 77.20       | 12.29 | 91.80       | 14.66 | 98.60       | 15.88 | 105.8       | 17.20 | 115.7       | 19.38 | 125.2       | 20.99 |
|        | 14                              | 63.10                        | 10.28 | 77.20       | 12.54 | 91.80       | 15.05 | 98.60       | 16.34 | 105.8       | 17.80 | 115.7       | 20.25 | 125.2       | 21.95 |
|        | 16                              | 63.10                        | 10.41 | 77.20       | 12.74 | 91.80       | 15.53 | 98.60       | 16.99 | 105.8       | 18.67 | 115.7       | 21.15 | 125.2       | 22.98 |
|        | 18                              | 63.10                        | 10.64 | 77.20       | 13.13 | 91.80       | 16.23 | 98.60       | 17.79 | 105.8       | 19.51 | 115.7       | 22.06 | 125.2       | 24.03 |
|        | 20                              | 63.10                        | 10.96 | 77.20       | 13.70 | 91.80       | 17.04 | 98.60       | 18.67 | 105.8       | 20.51 | 115.7       | 23.40 | 125.2       | 25.81 |
|        | 21                              | 63.10                        | 11.15 | 77.20       | 14.04 | 91.80       | 17.45 | 98.60       | 19.15 | 105.8       | 21.18 | 115.7       | 24.35 | 125.2       | 26.67 |
|        | 23                              | 63.10                        | 11.67 | 77.20       | 14.72 | 91.80       | 18.62 | 98.60       | 20.71 | 105.8       | 22.96 | 115.7       | 26.09 | 125.2       | 28.53 |
|        | 25                              | 63.10                        | 12.38 | 77.20       | 15.96 | 91.80       | 20.30 | 98.60       | 22.45 | 105.8       | 24.97 | 115.7       | 28.34 | 125.2       | 30.81 |
|        | 27                              | 63.10                        | 13.41 | 77.20       | 17.31 | 91.80       | 22.14 | 98.60       | 24.32 | 105.8       | 26.74 | 115.7       | 30.16 | 125.2       | 32.59 |
|        | 29                              | 63.10                        | 14.57 | 77.20       | 18.85 | 91.80       | 23.56 | 98.60       | 25.91 | 105.8       | 28.54 | 115.7       | 32.25 | 125.2       | 34.43 |
|        | 31                              | 63.10                        | 15.84 | 77.20       | 20.17 | 91.80       | 25.13 | 98.60       | 27.63 | 105.8       | 30.40 | 115.7       | 34.29 | 125.2       | 36.36 |
|        | 33                              | 63.10                        | 17.00 | 77.20       | 21.53 | 91.80       | 26.78 | 98.60       | 29.46 | 105.8       | 32.40 | 115.7       | 36.31 | 125.2       | 38.38 |
|        | 35                              | 63.10                        | 18.06 | 77.20       | 22.87 | 91.80       | 28.53 | 98.60       | 31.37 | 105.8       | 34.57 | 115.7       | 38.58 | 125.2       | 40.98 |
|        | 37                              | 63.10                        | 19.16 | 77.20       | 24.34 | 91.80       | 30.34 | 98.60       | 33.41 | 105.8       | 36.78 | 115.7       | 40.90 | 125.2       | 43.64 |
|        | 39                              | 63.10                        | 20.32 | 77.20       | 25.83 | 91.80       | 32.41 | 98.60       | 35.80 | 105.8       | 39.41 | 115.7       | 43.41 | 125.2       | 46.73 |
|        | 41                              | 63.10                        | 22.67 | 77.20       | 28.83 | 91.80       | 35.95 | 98.60       | 39.68 | 105.8       | 43.75 | 115.7       | 47.60 | 125.0       | 51.09 |
|        | 43                              | 63.10                        | 25.23 | 77.20       | 31.90 | 91.80       | 39.75 | 98.60       | 43.84 | 105.8       | 48.18 | 115.7       | 51.23 | 122.0       | 53.92 |
|        | 46                              | 62.00                        | 28.87 | 75.80       | 36.77 | 90.20       | 45.56 | 96.80       | 49.44 | 103.9       | 54.49 | 110.8       | 56.86 | 112.2       | 57.17 |
|        | 48                              | 57.90                        | 27.35 | 71.00       | 34.88 | 84.60       | 43.12 | 90.80       | 46.75 | 94.80       | 50.42 | 98.50       | 50.90 | 99.70       | 51.15 |
|        | 50                              | 53.90                        | 25.83 | 66.20       | 32.98 | 79.00       | 40.50 | 81.60       | 42.46 | 84.30       | 45.35 | 86.40       | 44.60 | 87.40       | 44.79 |
|        | 52                              | 49.80                        | 24.31 | 61.30       | 30.29 | 68.40       | 34.99 | 70.90       | 36.64 | 73.40       | 39.08 | 74.00       | 36.80 | 75.10       | 36.76 |
| 70     | 10                              | 55.30                        | 8.67  | 67.60       | 10.60 | 80.30       | 12.26 | 86.20       | 13.21 | 92.50       | 14.17 | 101.2       | 15.86 | 109.5       | 17.47 |
|        | 12                              | 55.30                        | 8.98  | 67.60       | 10.73 | 80.30       | 12.75 | 86.20       | 13.69 | 92.50       | 14.75 | 101.2       | 16.49 | 109.5       | 18.18 |
|        | 14                              | 55.30                        | 9.11  | 67.60       | 10.91 | 80.30       | 12.99 | 86.20       | 14.00 | 92.50       | 15.14 | 101.2       | 17.02 | 109.5       | 18.79 |
|        | 16                              | 55.30                        | 9.25  | 67.60       | 11.10 | 80.30       | 13.23 | 86.20       | 14.36 | 92.50       | 15.65 | 101.2       | 17.69 | 109.5       | 19.60 |
|        | 18                              | 55.30                        | 9.38  | 67.60       | 11.32 | 80.30       | 13.79 | 86.20       | 15.03 | 92.50       | 16.36 | 101.2       | 18.45 | 109.5       | 20.43 |
|        | 20                              | 55.30                        | 9.54  | 67.60       | 11.78 | 80.30       | 14.37 | 86.20       | 15.74 | 92.50       | 17.19 | 101.2       | 19.37 | 109.5       | 21.68 |
|        | 21                              | 55.30                        | 9.77  | 67.60       | 12.03 | 80.30       | 14.73 | 86.20       | 16.13 | 92.50       | 17.61 | 101.2       | 19.97 | 109.5       | 22.34 |
|        | 23                              | 55.30                        | 10.15 | 67.60       | 12.62 | 80.30       | 15.50 | 86.20       | 17.10 | 92.50       | 18.90 | 101.2       | 21.61 | 109.5       | 24.01 |
|        | 25                              | 55.30                        | 10.59 | 67.60       | 13.44 | 80.30       | 16.86 | 86.20       | 18.63 | 92.50       | 20.49 | 101.2       | 23.47 | 109.5       | 25.74 |
|        | 27                              | 55.30                        | 11.39 | 67.60       | 14.62 | 80.30       | 18.31 | 86.20       | 20.17 | 92.50       | 22.35 | 101.2       | 25.37 | 109.5       | 27.58 |
|        | 29                              | 55.30                        | 12.42 | 67.60       | 15.88 | 80.30       | 19.85 | 86.20       | 21.69 | 92.50       | 23.78 | 101.2       | 27.07 | 109.5       | 29.50 |
|        | 31                              | 55.30                        | 13.51 | 67.60       | 17.26 | 80.30       | 21.17 | 86.20       | 23.17 | 92.50       | 25.37 | 101.2       | 28.86 | 109.5       | 31.36 |
|        | 33                              | 55.30                        | 14.65 | 67.60       | 18.30 | 80.30       | 22.52 | 86.20       | 24.63 | 92.50       | 27.00 | 101.2       | 30.73 | 109.5       | 33.41 |
|        | 35                              | 55.30                        | 15.59 | 67.60       | 19.52 | 80.30       | 23.98 | 86.20       | 26.23 | 92.50       | 28.77 | 101.2       | 32.76 | 109.5       | 35.51 |
|        | 37                              | 55.30                        | 16.58 | 67.60       | 20.72 | 80.30       | 25.51 | 86.20       | 27.94 | 92.50       | 30.65 | 101.2       | 34.90 | 109.5       | 37.63 |
|        | 39                              | 55.30                        | 17.62 | 67.60       | 22.10 | 80.30       | 27.26 | 86.20       | 29.95 | 92.50       | 32.93 | 101.2       | 37.30 | 109.5       | 40.40 |
|        | 41                              | 55.30                        | 19.64 | 67.60       | 24.49 | 80.30       | 30.21 | 86.20       | 33.20 | 92.50       | 36.31 | 101.2       | 41.44 | 109.5       | 44.39 |
|        | 43                              | 55.30                        | 21.70 | 67.60       | 27.07 | 80.30       | 33.39 | 86.20       | 36.68 | 92.50       | 40.14 | 101.2       | 45.89 | 109.5       | 48.86 |
|        | 46                              | 54.30                        | 24.80 | 66.40       | 31.15 | 78.90       | 38.46 | 84.70       | 41.95 | 90.90       | 45.92 | 99.40       | 52.24 | 107.5       | 54.87 |
|        | 48                              | 50.70                        | 23.53 | 62.20       | 29.57 | 74.00       | 36.56 | 79.50       | 39.89 | 85.30       | 43.51 | 93.10       | 49.28 | 99.20       | 50.84 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 47.20                        | 22.26 | 57.90       | 27.98 | 69.10       | 34.66 | 74.20       | 37.39 | 79.00       | 40.59 | 83.40       | 44.61 | 88.10       | 45.30 |
|        | 52                              | 43.70                        | 20.99 | 53.70       | 26.40 | 64.20       | 31.72 | 66.40       | 33.18 | 68.50       | 35.09 | 72.50       | 38.60 | 76.60       | 38.48 |
| 60     | 10                              | 47.30                        | 7.34  | 57.90       | 9.08  | 68.90       | 10.67 | 73.90       | 11.38 | 79.30       | 12.09 | 86.80       | 13.43 | 93.90       | 14.74 |
|        | 12                              | 47.30                        | 7.87  | 57.90       | 9.26  | 68.90       | 10.86 | 73.90       | 11.72 | 79.30       | 12.52 | 86.80       | 13.90 | 93.90       | 15.29 |
|        | 14                              | 47.30                        | 7.95  | 57.90       | 9.40  | 68.90       | 11.09 | 73.90       | 11.93 | 79.30       | 12.79 | 86.80       | 14.24 | 93.90       | 15.71 |
|        | 16                              | 47.30                        | 8.08  | 57.90       | 9.58  | 68.90       | 11.23 | 73.90       | 12.12 | 79.30       | 13.08 | 86.80       | 14.56 | 93.90       | 16.12 |
|        | 18                              | 47.30                        | 8.21  | 57.90       | 9.76  | 68.90       | 11.50 | 73.90       | 12.50 | 79.30       | 13.55 | 86.80       | 15.17 | 93.90       | 16.81 |
|        | 20                              | 47.30                        | 8.33  | 57.90       | 9.98  | 68.90       | 11.99 | 73.90       | 13.02 | 79.30       | 14.16 | 86.80       | 15.88 | 93.90       | 17.66 |
|        | 21                              | 47.30                        | 8.41  | 57.90       | 10.15 | 68.90       | 12.31 | 73.90       | 13.35 | 79.30       | 14.52 | 86.80       | 16.31 | 93.90       | 18.06 |
|        | 23                              | 47.30                        | 8.72  | 57.90       | 10.65 | 68.90       | 12.88 | 73.90       | 14.03 | 79.30       | 15.30 | 86.80       | 17.32 | 93.90       | 19.45 |
|        | 25                              | 47.30                        | 9.10  | 57.90       | 11.18 | 68.90       | 13.72 | 73.90       | 15.07 | 79.30       | 16.55 | 86.80       | 18.85 | 93.90       | 21.09 |
|        | 27                              | 47.30                        | 9.63  | 57.90       | 12.02 | 68.90       | 14.90 | 73.90       | 16.35 | 79.30       | 17.95 | 86.80       | 20.41 | 93.90       | 22.91 |
|        | 29                              | 47.30                        | 10.43 | 57.90       | 13.11 | 68.90       | 16.23 | 73.90       | 17.80 | 79.30       | 19.53 | 86.80       | 22.02 | 93.90       | 24.59 |
|        | 31                              | 47.30                        | 11.38 | 57.90       | 14.30 | 68.90       | 17.56 | 73.90       | 19.12 | 79.30       | 20.80 | 86.80       | 23.48 | 93.90       | 26.19 |
|        | 33                              | 47.30                        | 12.39 | 57.90       | 15.41 | 68.90       | 18.67 | 73.90       | 20.32 | 79.30       | 22.16 | 86.80       | 24.99 | 93.90       | 27.93 |
|        | 35                              | 47.30                        | 13.28 | 57.90       | 16.40 | 68.90       | 19.87 | 73.90       | 21.62 | 79.30       | 23.56 | 86.80       | 26.63 | 93.90       | 29.72 |
|        | 37                              | 47.30                        | 14.07 | 57.90       | 17.36 | 68.90       | 21.11 | 73.90       | 23.00 | 79.30       | 25.05 | 86.80       | 28.32 | 93.90       | 31.64 |
|        | 39                              | 47.30                        | 15.04 | 57.90       | 18.51 | 68.90       | 22.68 | 73.90       | 24.62 | 79.30       | 26.86 | 86.80       | 30.31 | 93.90       | 33.85 |
|        | 41                              | 47.30                        | 16.56 | 57.90       | 20.48 | 68.90       | 24.98 | 73.90       | 27.23 | 79.30       | 29.58 | 86.80       | 33.63 | 93.90       | 37.38 |
|        | 43                              | 47.30                        | 18.26 | 57.90       | 22.61 | 68.90       | 27.59 | 73.90       | 30.07 | 79.30       | 32.66 | 86.80       | 37.22 | 93.90       | 41.42 |
|        | 46                              | 46.50                        | 20.97 | 56.90       | 26.00 | 67.70       | 31.74 | 72.60       | 34.56 | 77.90       | 37.57 | 85.30       | 42.91 | 92.20       | 48.18 |
|        | 48                              | 43.40                        | 19.92 | 53.20       | 24.71 | 63.50       | 30.20 | 68.10       | 32.87 | 73.10       | 35.76 | 79.90       | 40.69 | 86.20       | 45.29 |
|        | 50                              | 40.40                        | 18.87 | 49.60       | 23.43 | 59.30       | 28.65 | 63.60       | 31.18 | 68.30       | 33.96 | 74.50       | 38.12 | 80.30       | 42.29 |
|        | 52                              | 37.40                        | 17.84 | 46.00       | 22.15 | 55.00       | 27.11 | 59.10       | 28.74 | 63.50       | 31.11 | 67.10       | 34.03 | 70.60       | 36.95 |
| 50     | 10                              | 39.50                        | 6.21  | 48.30       | 7.51  | 57.40       | 8.98  | 61.60       | 9.66  | 66.00       | 10.24 | 72.30       | 11.26 | 78.30       | 12.25 |
|        | 12                              | 39.50                        | 6.84  | 48.30       | 7.94  | 57.40       | 9.13  | 61.60       | 9.80  | 66.00       | 10.47 | 72.30       | 11.56 | 78.30       | 12.65 |
|        | 14                              | 39.50                        | 6.92  | 48.30       | 8.07  | 57.40       | 9.30  | 61.60       | 9.94  | 66.00       | 10.61 | 72.30       | 11.71 | 78.30       | 12.86 |
|        | 16                              | 39.50                        | 7.05  | 48.30       | 8.20  | 57.40       | 9.44  | 61.60       | 10.11 | 66.00       | 10.79 | 72.30       | 11.94 | 78.30       | 13.05 |
|        | 18                              | 39.50                        | 7.10  | 48.30       | 8.29  | 57.40       | 9.57  | 61.60       | 10.29 | 66.00       | 10.98 | 72.30       | 12.25 | 78.30       | 13.48 |
|        | 20                              | 39.50                        | 7.18  | 48.30       | 8.42  | 57.40       | 9.86  | 61.60       | 10.61 | 66.00       | 11.46 | 72.30       | 12.76 | 78.30       | 14.10 |
|        | 21                              | 39.50                        | 7.24  | 48.30       | 8.52  | 57.40       | 10.08 | 61.60       | 10.89 | 66.00       | 11.72 | 72.30       | 13.07 | 78.30       | 14.39 |
|        | 23                              | 39.50                        | 7.43  | 48.30       | 8.85  | 57.40       | 10.49 | 61.60       | 11.36 | 66.00       | 12.31 | 72.30       | 13.72 | 78.30       | 15.12 |
|        | 25                              | 39.50                        | 7.68  | 48.30       | 9.24  | 57.40       | 11.08 | 61.60       | 11.99 | 66.00       | 13.04 | 72.30       | 14.69 | 78.30       | 16.40 |
|        | 27                              | 39.50                        | 8.05  | 48.30       | 9.80  | 57.40       | 11.94 | 61.60       | 12.99 | 66.00       | 14.15 | 72.30       | 15.99 | 78.30       | 17.81 |
|        | 29                              | 39.50                        | 8.67  | 48.30       | 10.69 | 57.40       | 12.99 | 61.60       | 14.15 | 66.00       | 15.41 | 72.30       | 17.40 | 78.30       | 19.31 |
|        | 31                              | 39.50                        | 9.39  | 48.30       | 11.60 | 57.40       | 14.15 | 61.60       | 15.41 | 66.00       | 16.77 | 72.30       | 18.74 | 78.30       | 20.71 |
|        | 33                              | 39.50                        | 10.25 | 48.30       | 12.71 | 57.40       | 15.19 | 61.60       | 16.45 | 66.00       | 17.82 | 72.30       | 19.92 | 78.30       | 22.07 |
|        | 35                              | 39.50                        | 11.12 | 48.30       | 13.49 | 57.40       | 16.17 | 61.60       | 17.49 | 66.00       | 18.90 | 72.30       | 21.14 | 78.30       | 23.47 |
|        | 37                              | 39.50                        | 11.86 | 48.30       | 14.38 | 57.40       | 17.15 | 61.60       | 18.56 | 66.00       | 20.07 | 72.30       | 22.54 | 78.30       | 24.96 |
|        | 39                              | 39.50                        | 12.64 | 48.30       | 15.37 | 57.40       | 18.34 | 61.60       | 19.90 | 66.00       | 21.49 | 72.30       | 24.03 | 78.30       | 26.83 |
|        | 41                              | 39.50                        | 13.88 | 48.30       | 16.89 | 57.40       | 20.28 | 61.60       | 21.88 | 66.00       | 23.62 | 72.30       | 26.64 | 78.30       | 29.61 |
|        | 43                              | 39.50                        | 15.30 | 48.30       | 18.62 | 57.40       | 22.37 | 61.60       | 24.15 | 66.00       | 26.07 | 72.30       | 29.45 | 78.30       | 32.77 |
|        | 46                              | 38.80                        | 17.58 | 47.50       | 21.40 | 56.40       | 25.69 | 60.50       | 27.75 | 64.80       | 29.93 | 71.00       | 33.91 | 76.90       | 37.80 |
|        | 48                              | 36.20                        | 16.74 | 44.40       | 20.37 | 52.90       | 24.46 | 56.80       | 26.43 | 60.80       | 28.51 | 66.50       | 32.19 | 71.90       | 35.75 |
|        | 50                              | 33.70                        | 15.93 | 41.40       | 19.36 | 49.40       | 23.24 | 53.00       | 25.10 | 56.80       | 27.09 | 62.00       | 30.47 | 66.90       | 33.70 |
|        | 52                              | 31.20                        | 15.14 | 38.40       | 18.35 | 45.90       | 22.02 | 49.30       | 23.79 | 52.80       | 25.69 | 57.60       | 28.11 | 62.00       | 30.88 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM460LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 127.6                        | 20.44 | 152.0       | 24.97 | 162.9       | 28.97 | 167.5       | 29.56 | 172.1       | 29.79 | 180.5       | 30.03 | 185.1       | 30.15 |
|        | 12                              | 127.6                        | 20.94 | 152.0       | 25.87 | 162.9       | 30.16 | 167.5       | 30.36 | 172.1       | 30.60 | 180.5       | 30.84 | 185.1       | 31.12 |
|        | 14                              | 127.6                        | 21.64 | 152.0       | 26.81 | 162.9       | 31.30 | 167.5       | 31.52 | 172.1       | 31.78 | 180.5       | 32.02 | 185.1       | 32.31 |
|        | 16                              | 127.6                        | 22.43 | 152.0       | 27.73 | 162.9       | 32.70 | 167.5       | 33.00 | 172.1       | 33.26 | 180.5       | 33.56 | 185.1       | 33.83 |
|        | 18                              | 127.6                        | 23.37 | 152.0       | 29.34 | 162.9       | 34.20 | 167.5       | 34.93 | 172.1       | 35.21 | 180.5       | 35.56 | 185.1       | 35.81 |
|        | 20                              | 127.6                        | 24.40 | 152.0       | 31.26 | 162.9       | 35.89 | 167.5       | 38.43 | 172.1       | 38.74 | 180.5       | 39.70 | 185.1       | 39.96 |
|        | 21                              | 127.6                        | 25.04 | 152.0       | 32.35 | 162.9       | 36.64 | 167.5       | 40.66 | 172.1       | 40.99 | 180.5       | 42.24 | 185.1       | 42.51 |
|        | 23                              | 127.6                        | 26.87 | 152.0       | 34.03 | 162.9       | 38.54 | 167.5       | 44.87 | 172.1       | 45.81 | 180.5       | 47.31 | 185.1       | 47.60 |
|        | 25                              | 127.6                        | 28.70 | 152.0       | 36.00 | 162.9       | 41.19 | 167.5       | 50.36 | 172.1       | 51.56 | 180.5       | 53.10 | 185.1       | 53.40 |
|        | 27                              | 127.6                        | 30.71 | 152.0       | 38.48 | 162.9       | 44.44 | 167.5       | 56.36 | 172.1       | 57.45 | 180.5       | 59.20 | 185.1       | 59.66 |
|        | 29                              | 127.6                        | 32.72 | 152.0       | 41.14 | 162.9       | 48.61 | 167.5       | 62.85 | 172.1       | 64.04 | 180.5       | 65.84 | 185.1       | 65.97 |
|        | 31                              | 127.6                        | 34.91 | 152.0       | 43.47 | 162.9       | 52.57 | 167.5       | 63.49 | 172.1       | 64.72 | 179.2       | 66.14 | 184.3       | 66.41 |
|        | 33                              | 127.6                        | 37.20 | 152.0       | 46.88 | 162.9       | 57.14 | 167.5       | 63.80 | 171.9       | 64.96 | 176.9       | 65.55 | 181.5       | 65.81 |
|        | 35                              | 127.6                        | 39.66 | 152.0       | 49.96 | 162.9       | 62.97 | 166.8       | 63.73 | 169.6       | 64.12 | 174.2       | 64.69 | 179.2       | 64.94 |
|        | 37                              | 127.6                        | 42.30 | 152.0       | 53.18 | 161.8       | 62.57 | 164.0       | 62.89 | 166.8       | 63.27 | 171.4       | 63.84 | 176.5       | 64.08 |
|        | 39                              | 127.6                        | 45.04 | 152.0       | 56.99 | 158.9       | 61.74 | 161.8       | 62.05 | 164.0       | 62.42 | 169.1       | 62.98 | 174.2       | 63.23 |
|        | 41                              | 127.6                        | 49.52 | 147.6       | 61.21 | 152.5       | 61.49 | 154.8       | 61.80 | 157.8       | 62.17 | 162.5       | 62.74 | 166.9       | 62.98 |
|        | 43                              | 127.6                        | 54.08 | 141.4       | 60.94 | 146.3       | 61.25 | 148.5       | 61.55 | 151.4       | 61.93 | 156.2       | 62.48 | 160.4       | 62.73 |
|        | 46                              | 123.5                        | 60.69 | 129.0       | 60.56 | 133.6       | 60.87 | 135.7       | 61.17 | 138.6       | 61.54 | 142.9       | 62.09 | 146.8       | 62.34 |
|        | 48                              | 109.2                        | 59.59 | 112.0       | 59.77 | 116.2       | 59.90 | 118.0       | 60.07 | 120.6       | 60.58 | 124.4       | 60.97 | 127.9       | 61.21 |
|        | 50                              | 95.00                        | 58.48 | 95.10       | 58.96 | 98.70       | 58.91 | 100.4       | 58.93 | 102.5       | 59.60 | 106.0       | 59.81 | 108.9       | 60.05 |
|        | 52                              | 80.70                        | 57.33 | 78.00       | 58.14 | 81.30       | 57.90 | 82.60       | 57.77 | 84.50       | 58.59 | 87.40       | 58.63 | 89.90       | 58.87 |
| 120    | 10                              | 115.4                        | 18.38 | 137.2       | 22.54 | 150.0       | 26.78 | 154.5       | 28.95 | 159.1       | 29.40 | 167.7       | 29.52 | 171.9       | 29.76 |
|        | 12                              | 115.4                        | 18.88 | 137.2       | 23.30 | 150.0       | 27.86 | 154.5       | 29.56 | 159.1       | 30.49 | 167.7       | 30.86 | 171.9       | 31.10 |
|        | 14                              | 115.4                        | 19.53 | 137.2       | 24.09 | 150.0       | 28.98 | 154.5       | 30.68 | 159.1       | 31.61 | 167.7       | 32.08 | 171.9       | 32.33 |
|        | 16                              | 115.4                        | 20.23 | 137.2       | 25.08 | 150.0       | 30.11 | 154.5       | 31.82 | 159.1       | 33.07 | 167.7       | 33.48 | 171.9       | 33.75 |
|        | 18                              | 115.4                        | 21.03 | 137.2       | 26.20 | 150.0       | 31.31 | 154.5       | 33.50 | 159.1       | 34.77 | 167.7       | 35.17 | 171.9       | 35.44 |
|        | 20                              | 115.4                        | 21.82 | 137.2       | 27.79 | 150.0       | 33.00 | 154.5       | 35.26 | 159.1       | 36.61 | 167.7       | 37.09 | 171.9       | 37.38 |
|        | 21                              | 115.4                        | 22.48 | 137.2       | 28.80 | 150.0       | 33.92 | 154.5       | 36.29 | 159.1       | 37.81 | 167.7       | 38.30 | 171.9       | 38.60 |
|        | 23                              | 115.4                        | 24.03 | 137.2       | 30.80 | 150.0       | 36.35 | 154.5       | 38.56 | 159.1       | 40.31 | 167.7       | 40.72 | 171.9       | 41.04 |
|        | 25                              | 115.4                        | 25.69 | 137.2       | 33.00 | 150.0       | 38.34 | 154.5       | 41.10 | 159.1       | 43.23 | 167.7       | 44.12 | 171.9       | 44.47 |
|        | 27                              | 115.4                        | 27.42 | 137.2       | 35.28 | 150.0       | 40.79 | 154.5       | 43.92 | 159.1       | 46.46 | 167.7       | 48.08 | 171.9       | 48.43 |
|        | 29                              | 115.4                        | 29.24 | 137.2       | 37.66 | 150.0       | 42.92 | 154.5       | 47.01 | 159.1       | 50.32 | 167.7       | 52.48 | 171.9       | 52.70 |
|        | 31                              | 115.4                        | 31.17 | 137.2       | 40.22 | 150.0       | 45.15 | 154.5       | 51.02 | 159.1       | 54.69 | 167.7       | 57.17 | 171.9       | 57.56 |
|        | 33                              | 115.4                        | 33.18 | 137.2       | 42.87 | 150.0       | 48.41 | 154.5       | 56.32 | 159.1       | 59.70 | 167.7       | 62.00 | 171.9       | 62.38 |
|        | 35                              | 115.4                        | 35.28 | 137.2       | 45.70 | 150.0       | 52.14 | 154.5       | 63.12 | 159.1       | 64.19 | 167.5       | 65.97 | 171.9       | 66.49 |
|        | 37                              | 115.4                        | 37.95 | 137.2       | 48.22 | 150.0       | 56.39 | 154.5       | 62.65 | 159.1       | 63.94 | 164.7       | 64.58 | 169.1       | 65.09 |
|        | 39                              | 115.4                        | 40.86 | 137.2       | 51.15 | 150.0       | 60.87 | 154.5       | 62.46 | 157.5       | 63.07 | 162.5       | 63.25 | 166.9       | 63.75 |
|        | 41                              | 115.4                        | 45.35 | 137.2       | 56.91 | 147.0       | 61.51 | 149.1       | 62.04 | 151.2       | 62.35 | 155.6       | 62.54 | 160.0       | 63.03 |
|        | 43                              | 115.4                        | 50.12 | 136.2       | 58.68 | 140.9       | 60.72 | 143.0       | 61.31 | 145.1       | 61.61 | 149.3       | 61.79 | 153.7       | 62.29 |
|        | 46                              | 111.7                        | 56.50 | 124.2       | 58.14 | 128.8       | 59.70 | 130.6       | 60.18 | 132.6       | 60.49 | 136.6       | 60.67 | 140.7       | 61.15 |
|        | 48                              | 98.90                        | 55.90 | 107.9       | 57.69 | 111.9       | 59.12 | 113.5       | 59.48 | 115.3       | 59.67 | 118.8       | 59.91 | 122.5       | 60.15 |
|        | 50                              | 85.90                        | 55.30 | 91.40       | 57.23 | 95.10       | 58.53 | 96.50       | 58.76 | 98.00       | 58.84 | 101.2       | 59.14 | 104.2       | 59.12 |
|        | 52                              | 73.00                        | 54.68 | 75.10       | 56.76 | 78.20       | 57.93 | 79.40       | 58.02 | 80.70       | 57.99 | 83.40       | 58.35 | 86.00       | 58.09 |
| 110    | 10                              | 103.5                        | 16.53 | 123.3       | 20.15 | 137.8       | 23.94 | 141.6       | 25.91 | 150.6       | 27.88 | 154.1       | 28.66 | 164.5       | 29.13 |
|        | 12                              | 103.5                        | 17.05 | 123.3       | 20.83 | 137.8       | 24.93 | 141.6       | 26.64 | 150.6       | 28.93 | 154.1       | 29.87 | 164.5       | 30.55 |
|        | 14                              | 103.5                        | 17.58 | 123.3       | 21.77 | 137.8       | 26.06 | 141.6       | 27.96 | 150.6       | 30.39 | 154.1       | 31.25 | 164.5       | 31.91 |
|        | 16                              | 103.5                        | 18.21 | 123.3       | 22.56 | 137.8       | 27.14 | 141.6       | 29.18 | 150.6       | 31.79 | 154.1       | 32.66 | 164.5       | 33.24 |
|        | 18                              | 103.5                        | 18.88 | 123.3       | 23.50 | 137.8       | 28.70 | 141.6       | 30.73 | 150.6       | 33.53 | 154.1       | 34.20 | 164.5       | 34.84 |
|        | 20                              | 103.5                        | 19.56 | 123.3       | 24.68 | 137.8       | 30.44 | 141.6       | 32.15 | 150.6       | 35.17 | 154.1       | 36.03 | 164.5       | 36.61 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 103.5                        | 19.99 | 123.3       | 25.41 | 137.8       | 31.21 | 141.6       | 33.00 | 150.6       | 36.14 | 154.1       | 37.05 | 164.5       | 37.64 |
|        | 23                              | 103.5                        | 21.30 | 123.3       | 27.24 | 137.8       | 32.96 | 141.6       | 34.84 | 150.6       | 38.19 | 154.1       | 39.00 | 164.5       | 39.65 |
|        | 25                              | 103.5                        | 22.76 | 123.3       | 29.06 | 137.8       | 34.82 | 141.6       | 36.84 | 150.6       | 40.34 | 154.1       | 40.92 | 164.5       | 42.27 |
|        | 27                              | 103.5                        | 24.31 | 123.3       | 31.08 | 137.8       | 36.79 | 141.6       | 38.98 | 150.6       | 42.13 | 154.1       | 43.09 | 164.5       | 45.04 |
|        | 29                              | 103.5                        | 25.96 | 123.3       | 33.18 | 137.8       | 38.89 | 141.6       | 41.29 | 150.6       | 44.52 | 154.1       | 45.29 | 164.5       | 47.84 |
|        | 31                              | 103.5                        | 27.60 | 123.3       | 35.37 | 137.8       | 41.10 | 141.6       | 43.75 | 150.6       | 47.56 | 154.1       | 48.34 | 164.5       | 50.97 |
|        | 33                              | 103.5                        | 29.43 | 123.3       | 37.66 | 137.8       | 43.42 | 141.6       | 46.35 | 150.6       | 50.93 | 154.1       | 51.72 | 164.5       | 54.10 |
|        | 35                              | 103.5                        | 31.26 | 123.3       | 40.22 | 137.8       | 45.85 | 141.6       | 49.12 | 150.6       | 54.67 | 154.1       | 55.12 | 164.3       | 57.48 |
|        | 37                              | 103.5                        | 33.13 | 123.3       | 42.68 | 137.8       | 48.41 | 141.6       | 52.77 | 150.6       | 58.68 | 154.1       | 58.59 | 161.6       | 60.15 |
|        | 39                              | 103.5                        | 35.72 | 123.3       | 45.35 | 137.8       | 52.02 | 141.6       | 57.48 | 150.6       | 62.46 | 154.1       | 62.46 | 159.4       | 62.90 |
|        | 41                              | 103.5                        | 39.70 | 123.3       | 49.77 | 137.8       | 57.87 | 141.6       | 65.52 | 144.7       | 66.09 | 148.9       | 66.61 | 152.7       | 67.14 |
|        | 43                              | 103.5                        | 43.16 | 123.3       | 53.69 | 134.8       | 63.30 | 137.0       | 64.02 | 138.8       | 63.88 | 143.0       | 64.24 | 146.6       | 64.42 |
|        | 46                              | 100.1                        | 44.17 | 119.4       | 54.35 | 123.0       | 60.98 | 125.2       | 60.98 | 126.7       | 61.50 | 130.7       | 61.85 | 134.0       | 62.01 |
|        | 48                              | 88.60                        | 43.33 | 103.7       | 52.89 | 106.8       | 58.60 | 108.8       | 59.00 | 110.2       | 59.28 | 113.6       | 59.45 | 116.7       | 59.69 |
|        | 50                              | 77.00                        | 42.47 | 88.20       | 51.39 | 90.70       | 56.18 | 92.40       | 56.97 | 93.70       | 57.01 | 96.60       | 57.01 | 99.30       | 57.32 |
|        | 52                              | 65.40                        | 41.60 | 72.60       | 49.87 | 74.50       | 53.71 | 76.10       | 54.91 | 77.10       | 54.70 | 79.60       | 54.51 | 81.80       | 54.89 |
| 100    | 10                              | 87.00                        | 14.89 | 103.5       | 18.10 | 120.5       | 21.47 | 128.8       | 23.20 | 137.1       | 24.93 | 152.0       | 27.75 | 155.3       | 27.97 |
|        | 12                              | 87.00                        | 15.36 | 103.5       | 18.84 | 120.5       | 22.19 | 128.8       | 23.83 | 137.1       | 25.72 | 152.0       | 29.24 | 155.3       | 29.53 |
|        | 14                              | 87.00                        | 15.85 | 103.5       | 19.59 | 120.5       | 23.13 | 128.8       | 24.86 | 137.1       | 26.83 | 152.0       | 30.88 | 155.3       | 31.16 |
|        | 16                              | 87.00                        | 16.33 | 103.5       | 20.24 | 120.5       | 24.12 | 128.8       | 26.03 | 137.1       | 28.27 | 152.0       | 32.37 | 155.3       | 32.82 |
|        | 18                              | 87.00                        | 16.81 | 103.5       | 20.99 | 120.5       | 25.06 | 128.8       | 27.31 | 137.1       | 29.98 | 152.0       | 34.19 | 155.3       | 34.47 |
|        | 20                              | 87.00                        | 17.42 | 103.5       | 21.78 | 120.5       | 26.50 | 128.8       | 29.24 | 137.1       | 32.08 | 152.0       | 35.83 | 155.3       | 36.11 |
|        | 21                              | 87.00                        | 17.77 | 103.5       | 22.30 | 120.5       | 27.42 | 128.8       | 30.25 | 137.1       | 33.27 | 152.0       | 36.65 | 155.3       | 36.94 |
|        | 23                              | 87.00                        | 18.83 | 103.5       | 23.86 | 120.5       | 29.43 | 128.8       | 32.45 | 137.1       | 35.65 | 152.0       | 38.38 | 155.3       | 38.69 |
|        | 25                              | 87.00                        | 20.02 | 103.5       | 25.41 | 120.5       | 31.44 | 128.8       | 34.73 | 137.1       | 38.11 | 152.0       | 40.01 | 155.3       | 40.68 |
|        | 27                              | 87.00                        | 21.38 | 103.5       | 27.14 | 120.5       | 33.64 | 128.8       | 37.11 | 137.1       | 40.53 | 152.0       | 42.73 | 155.3       | 43.11 |
|        | 29                              | 87.00                        | 22.76 | 103.5       | 28.97 | 120.5       | 35.92 | 128.8       | 39.66 | 137.1       | 42.89 | 152.0       | 45.30 | 155.3       | 45.53 |
|        | 31                              | 87.00                        | 24.31 | 103.5       | 30.90 | 120.5       | 38.30 | 128.8       | 42.32 | 137.1       | 45.06 | 152.0       | 47.76 | 155.3       | 48.03 |
|        | 33                              | 87.00                        | 25.78 | 103.5       | 32.90 | 120.5       | 40.86 | 128.8       | 45.15 | 137.1       | 46.76 | 152.0       | 50.35 | 155.3       | 50.60 |
|        | 35                              | 87.00                        | 27.42 | 103.5       | 35.00 | 120.5       | 43.51 | 128.8       | 48.15 | 137.1       | 49.20 | 151.2       | 52.88 | 155.1       | 53.29 |
|        | 37                              | 87.00                        | 29.37 | 103.5       | 37.55 | 120.5       | 46.09 | 128.8       | 50.46 | 137.1       | 52.35 | 148.5       | 55.34 | 152.0       | 55.85 |
|        | 39                              | 87.00                        | 31.49 | 103.5       | 40.33 | 120.5       | 48.83 | 128.8       | 52.92 | 137.1       | 55.82 | 146.1       | 58.00 | 149.5       | 58.54 |
|        | 41                              | 87.00                        | 34.47 | 103.5       | 44.24 | 120.5       | 52.93 | 128.8       | 58.29 | 137.1       | 60.95 | 140.5       | 61.25 | 145.1       | 61.82 |
|        | 43                              | 87.00                        | 38.15 | 103.5       | 49.06 | 120.5       | 58.00 | 128.8       | 63.74 | 130.3       | 63.98 | 134.3       | 64.18 | 137.8       | 64.79 |
|        | 46                              | 84.20                        | 43.03 | 100.2       | 55.44 | 116.7       | 64.50 | 117.6       | 67.73 | 118.9       | 67.94 | 122.7       | 68.14 | 126.0       | 68.78 |
|        | 48                              | 74.40                        | 37.53 | 88.60       | 48.46 | 100.8       | 55.70 | 102.2       | 58.05 | 103.3       | 58.25 | 106.6       | 58.38 | 109.6       | 58.84 |
|        | 50                              | 64.80                        | 31.93 | 77.10       | 41.33 | 84.70       | 46.71 | 86.80       | 48.18 | 87.60       | 48.36 | 90.60       | 48.42 | 93.20       | 48.71 |
|        | 52                              | 55.00                        | 26.19 | 65.50       | 34.04 | 68.80       | 37.55 | 71.40       | 38.09 | 72.10       | 38.26 | 74.60       | 38.26 | 76.70       | 38.35 |
| 90     | 10                              | 78.20                        | 13.89 | 93.40       | 16.70 | 108.5       | 19.68 | 115.9       | 21.23 | 123.3       | 22.85 | 138.4       | 25.56 | 153.7       | 28.01 |
|        | 12                              | 78.20                        | 14.06 | 93.40       | 16.96 | 108.5       | 20.03 | 115.9       | 21.65 | 123.3       | 23.35 | 138.4       | 26.07 | 153.7       | 28.93 |
|        | 14                              | 78.20                        | 14.32 | 93.40       | 17.30 | 108.5       | 20.46 | 115.9       | 22.07 | 123.3       | 23.77 | 138.4       | 26.57 | 153.7       | 29.52 |
|        | 16                              | 78.20                        | 14.58 | 93.40       | 17.64 | 108.5       | 20.88 | 115.9       | 22.50 | 123.3       | 24.21 | 138.4       | 27.08 | 153.7       | 30.03 |
|        | 18                              | 78.20                        | 14.83 | 93.40       | 17.99 | 108.5       | 21.23 | 115.9       | 23.01 | 123.3       | 24.71 | 138.4       | 27.67 | 153.7       | 31.54 |
|        | 20                              | 78.20                        | 15.08 | 93.40       | 18.32 | 108.5       | 21.65 | 115.9       | 23.44 | 123.3       | 25.65 | 138.4       | 29.61 | 153.7       | 33.05 |
|        | 21                              | 78.20                        | 15.26 | 93.40       | 18.49 | 108.5       | 22.07 | 115.9       | 24.21 | 123.3       | 26.59 | 138.4       | 30.10 | 153.7       | 33.80 |
|        | 23                              | 78.20                        | 15.60 | 93.40       | 19.26 | 108.5       | 23.61 | 115.9       | 26.00 | 123.3       | 28.47 | 138.4       | 31.92 | 153.7       | 35.88 |
|        | 25                              | 78.20                        | 16.37 | 93.40       | 20.54 | 108.5       | 25.23 | 115.9       | 27.78 | 123.3       | 30.42 | 138.4       | 34.13 | 153.7       | 37.96 |
|        | 27                              | 78.20                        | 17.47 | 93.40       | 21.91 | 108.5       | 26.93 | 115.9       | 29.66 | 123.3       | 32.55 | 138.4       | 36.29 | 153.7       | 40.34 |
|        | 29                              | 78.20                        | 18.49 | 93.40       | 23.35 | 108.5       | 28.81 | 115.9       | 31.70 | 123.3       | 34.78 | 138.4       | 38.43 | 153.7       | 42.60 |
|        | 31                              | 78.20                        | 19.68 | 93.40       | 24.89 | 108.5       | 30.68 | 115.9       | 33.75 | 123.3       | 37.08 | 138.4       | 40.36 | 153.7       | 44.93 |
|        | 33                              | 78.20                        | 20.97 | 93.40       | 26.51 | 108.5       | 32.72 | 115.9       | 35.96 | 123.3       | 39.32 | 138.4       | 42.31 | 152.8       | 47.07 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 78.20                        | 22.24 | 93.40       | 28.12 | 108.5       | 34.78 | 115.9       | 38.35 | 123.3       | 41.70 | 138.4       | 45.51 | 150.4       | 49.73 |
|        | 37                              | 78.20                        | 23.61 | 93.40       | 29.92 | 108.5       | 37.08 | 115.9       | 40.74 | 123.3       | 44.02 | 138.4       | 48.35 | 148.0       | 51.96 |
|        | 39                              | 78.20                        | 25.00 | 93.40       | 31.82 | 108.5       | 39.24 | 115.9       | 43.36 | 123.3       | 46.29 | 138.4       | 51.83 | 145.7       | 54.23 |
|        | 41                              | 78.20                        | 28.98 | 93.40       | 36.55 | 108.5       | 44.63 | 115.9       | 49.14 | 123.3       | 51.78 | 137.2       | 57.03 | 139.6       | 58.33 |
|        | 43                              | 78.20                        | 32.39 | 93.40       | 40.91 | 108.5       | 50.49 | 115.9       | 54.79 | 123.3       | 57.50 | 131.5       | 61.67 | 133.9       | 62.41 |
|        | 46                              | 75.70                        | 38.23 | 90.40       | 48.85 | 105.1       | 60.30 | 112.2       | 65.13 | 115.7       | 66.97 | 120.0       | 68.25 | 122.3       | 68.81 |
|        | 48                              | 66.90                        | 33.76 | 79.90       | 43.15 | 93.00       | 53.30 | 99.30       | 57.40 | 100.5       | 58.30 | 104.3       | 58.47 | 106.4       | 58.94 |
|        | 50                              | 58.20                        | 29.19 | 69.60       | 37.36 | 80.90       | 46.15 | 86.30       | 49.51 | 85.30       | 49.44 | 88.60       | 48.50 | 90.30       | 48.87 |
|        | 52                              | 49.50                        | 24.52 | 59.10       | 31.43 | 68.70       | 38.86 | 73.40       | 41.45 | 70.00       | 40.40 | 72.90       | 38.32 | 74.40       | 38.60 |
| 80     | 10                              | 69.40                        | 12.96 | 82.80       | 15.58 | 96.20       | 18.28 | 103.1       | 19.72 | 110.0       | 21.16 | 123.3       | 24.13 | 136.6       | 26.20 |
|        | 12                              | 69.40                        | 13.24 | 82.80       | 15.76 | 96.20       | 18.63 | 103.1       | 20.08 | 110.0       | 21.52 | 123.3       | 24.58 | 136.6       | 26.72 |
|        | 14                              | 69.40                        | 13.42 | 82.80       | 16.11 | 96.20       | 18.91 | 103.1       | 20.44 | 110.0       | 21.88 | 123.3       | 25.04 | 136.6       | 27.23 |
|        | 16                              | 69.40                        | 13.59 | 82.80       | 16.39 | 96.20       | 19.27 | 103.1       | 20.80 | 110.0       | 22.33 | 123.3       | 25.57 | 136.6       | 27.76 |
|        | 18                              | 69.40                        | 13.86 | 82.80       | 16.66 | 96.20       | 19.63 | 103.1       | 21.16 | 110.0       | 22.78 | 123.3       | 26.02 | 136.6       | 28.36 |
|        | 20                              | 69.40                        | 14.14 | 82.80       | 17.01 | 96.20       | 20.08 | 103.1       | 21.61 | 110.0       | 23.23 | 123.3       | 27.01 | 136.6       | 30.05 |
|        | 21                              | 69.40                        | 14.23 | 82.80       | 17.20 | 96.20       | 20.26 | 103.1       | 21.88 | 110.0       | 23.77 | 123.3       | 27.87 | 136.6       | 30.84 |
|        | 23                              | 69.40                        | 14.49 | 82.80       | 17.47 | 96.20       | 21.16 | 103.1       | 23.23 | 110.0       | 25.39 | 123.3       | 29.42 | 136.6       | 32.37 |
|        | 25                              | 69.40                        | 15.04 | 82.80       | 18.63 | 96.20       | 22.69 | 103.1       | 24.85 | 110.0       | 27.19 | 123.3       | 31.48 | 136.6       | 34.61 |
|        | 27                              | 69.40                        | 15.94 | 82.80       | 19.81 | 96.20       | 24.22 | 103.1       | 26.56 | 110.0       | 28.99 | 123.3       | 33.45 | 136.6       | 36.42 |
|        | 29                              | 69.40                        | 16.92 | 82.80       | 21.16 | 96.20       | 25.75 | 103.1       | 28.28 | 110.0       | 30.97 | 123.3       | 35.85 | 136.6       | 38.24 |
|        | 31                              | 69.40                        | 18.01 | 82.80       | 22.42 | 96.20       | 27.47 | 103.1       | 30.16 | 110.0       | 32.95 | 123.3       | 38.04 | 136.6       | 40.14 |
|        | 33                              | 69.40                        | 19.09 | 82.80       | 23.95 | 96.20       | 29.26 | 103.1       | 32.14 | 110.0       | 35.11 | 123.3       | 40.08 | 136.6       | 42.07 |
|        | 35                              | 69.40                        | 20.26 | 82.80       | 25.39 | 96.20       | 31.15 | 103.1       | 34.21 | 110.0       | 37.46 | 123.3       | 42.49 | 136.6       | 44.94 |
|        | 37                              | 69.40                        | 21.43 | 82.80       | 26.99 | 96.20       | 33.05 | 103.1       | 36.38 | 110.0       | 39.80 | 123.3       | 44.85 | 136.6       | 47.77 |
|        | 39                              | 69.40                        | 22.65 | 82.80       | 28.54 | 96.20       | 35.35 | 103.1       | 39.11 | 110.0       | 42.77 | 123.3       | 47.39 | 136.6       | 51.23 |
|        | 41                              | 69.40                        | 25.96 | 82.80       | 32.77 | 96.20       | 40.21 | 103.1       | 44.42 | 110.0       | 48.71 | 123.3       | 52.85 | 136.2       | 57.26 |
|        | 43                              | 69.40                        | 29.59 | 82.80       | 37.04 | 96.20       | 45.45 | 103.1       | 50.13 | 110.0       | 55.12 | 123.3       | 58.60 | 130.6       | 61.89 |
|        | 46                              | 67.30                        | 34.53 | 80.10       | 43.74 | 93.10       | 53.69 | 99.70       | 58.51 | 106.4       | 65.20 | 116.5       | 68.36 | 119.2       | 68.93 |
|        | 48                              | 59.40                        | 30.45 | 70.90       | 38.64 | 82.40       | 47.43 | 88.20       | 51.63 | 94.10       | 57.66 | 101.2       | 58.57 | 103.5       | 59.05 |
|        | 50                              | 51.70                        | 26.31 | 61.70       | 33.43 | 71.60       | 41.05 | 76.70       | 44.60 | 81.90       | 49.95 | 85.80       | 48.59 | 88.00       | 48.96 |
|        | 52                              | 43.90                        | 22.07 | 52.40       | 28.11 | 60.80       | 34.53 | 65.20       | 37.43 | 69.60       | 42.09 | 70.50       | 38.38 | 72.30       | 38.66 |
| 70     | 10                              | 60.70                        | 11.47 | 72.70       | 13.64 | 84.20       | 15.81 | 90.10       | 17.08 | 96.20       | 18.26 | 107.7       | 20.78 | 119.6       | 23.25 |
|        | 12                              | 60.70                        | 11.66 | 72.70       | 13.83 | 84.20       | 16.18 | 90.10       | 17.36 | 96.20       | 18.61 | 107.7       | 21.15 | 119.6       | 23.69 |
|        | 14                              | 60.70                        | 11.84 | 72.70       | 14.01 | 84.20       | 16.44 | 90.10       | 17.62 | 96.20       | 18.89 | 107.7       | 21.60 | 119.6       | 24.12 |
|        | 16                              | 60.70                        | 12.02 | 72.70       | 14.28 | 84.20       | 16.72 | 90.10       | 17.98 | 96.20       | 19.25 | 107.7       | 21.96 | 119.6       | 24.63 |
|        | 18                              | 60.70                        | 12.20 | 72.70       | 14.55 | 84.20       | 17.08 | 90.10       | 18.35 | 96.20       | 19.61 | 107.7       | 22.33 | 119.6       | 25.07 |
|        | 20                              | 60.70                        | 12.39 | 72.70       | 14.82 | 84.20       | 17.36 | 90.10       | 18.71 | 96.20       | 20.06 | 107.7       | 22.86 | 119.6       | 26.03 |
|        | 21                              | 60.70                        | 12.56 | 72.70       | 14.91 | 84.20       | 17.53 | 90.10       | 18.89 | 96.20       | 20.25 | 107.7       | 23.23 | 119.6       | 26.58 |
|        | 23                              | 60.70                        | 12.74 | 72.70       | 15.28 | 84.20       | 17.89 | 90.10       | 19.52 | 96.20       | 21.24 | 107.7       | 24.85 | 119.6       | 28.06 |
|        | 25                              | 60.70                        | 12.92 | 72.70       | 15.81 | 84.20       | 19.07 | 90.10       | 20.88 | 96.20       | 22.68 | 107.7       | 26.57 | 119.6       | 29.42 |
|        | 27                              | 60.70                        | 13.64 | 72.70       | 16.90 | 84.20       | 20.34 | 90.10       | 22.14 | 96.20       | 24.22 | 107.7       | 28.37 | 119.6       | 31.27 |
|        | 29                              | 60.70                        | 14.55 | 72.70       | 17.89 | 84.20       | 21.60 | 90.10       | 23.58 | 96.20       | 25.75 | 107.7       | 30.28 | 119.6       | 33.50 |
|        | 31                              | 60.70                        | 15.45 | 72.70       | 19.07 | 84.20       | 23.05 | 90.10       | 25.22 | 96.20       | 27.47 | 107.7       | 32.27 | 119.6       | 35.55 |
|        | 33                              | 60.70                        | 16.36 | 72.70       | 20.16 | 84.20       | 24.49 | 90.10       | 26.75 | 96.20       | 29.19 | 107.7       | 34.34 | 119.6       | 37.85 |
|        | 35                              | 60.70                        | 17.26 | 72.70       | 21.52 | 84.20       | 26.03 | 90.10       | 28.46 | 96.20       | 31.09 | 107.7       | 36.60 | 119.6       | 40.13 |
|        | 37                              | 60.70                        | 18.35 | 72.70       | 22.79 | 84.20       | 27.65 | 90.10       | 30.28 | 96.20       | 33.08 | 107.7       | 38.95 | 119.6       | 42.36 |
|        | 39                              | 60.70                        | 19.48 | 72.70       | 24.30 | 84.20       | 29.57 | 90.10       | 32.57 | 96.20       | 35.73 | 107.7       | 41.68 | 119.6       | 45.66 |
|        | 41                              | 60.70                        | 22.32 | 72.70       | 27.58 | 84.20       | 33.61 | 90.10       | 37.02 | 96.20       | 40.26 | 107.7       | 47.45 | 119.6       | 51.04 |
|        | 43                              | 60.70                        | 25.16 | 72.70       | 31.13 | 84.20       | 37.98 | 90.10       | 41.80 | 96.20       | 45.52 | 107.7       | 53.68 | 119.6       | 57.15 |
|        | 46                              | 58.80                        | 29.31 | 70.30       | 36.70 | 81.50       | 44.85 | 87.20       | 48.83 | 93.10       | 53.80 | 104.2       | 63.48 | 115.8       | 66.79 |
|        | 48                              | 52.00                        | 25.84 | 62.30       | 32.38 | 72.10       | 39.61 | 77.20       | 43.10 | 82.40       | 47.55 | 92.20       | 56.11 | 102.4       | 58.40 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 45.20                        | 22.30 | 54.10       | 27.97 | 62.70       | 34.25 | 67.10       | 37.26 | 71.60       | 41.17 | 80.10       | 48.60 | 89.10       | 49.83 |
|        | 52                              | 38.50                        | 18.69 | 46.00       | 23.48 | 53.30       | 28.80 | 57.10       | 31.30 | 60.80       | 34.65 | 68.10       | 40.93 | 75.70       | 41.08 |
| 60     | 10                              | 52.00                        | 9.98  | 62.10       | 11.70 | 72.20       | 13.60 | 77.30       | 14.60 | 82.40       | 15.51 | 92.40       | 17.60 | 102.6       | 19.68 |
|        | 12                              | 52.00                        | 10.16 | 62.10       | 11.88 | 72.20       | 13.79 | 77.30       | 14.78 | 82.40       | 15.78 | 92.40       | 17.87 | 102.6       | 20.05 |
|        | 14                              | 52.00                        | 10.25 | 62.10       | 12.06 | 72.20       | 14.06 | 77.30       | 15.06 | 82.40       | 16.05 | 92.40       | 18.23 | 102.6       | 20.41 |
|        | 16                              | 52.00                        | 10.43 | 62.10       | 12.33 | 72.20       | 14.24 | 77.30       | 15.33 | 82.40       | 16.42 | 92.40       | 18.59 | 102.6       | 20.77 |
|        | 18                              | 52.00                        | 10.62 | 62.10       | 12.52 | 72.20       | 14.51 | 77.30       | 15.61 | 82.40       | 16.69 | 92.40       | 18.87 | 102.6       | 21.22 |
|        | 20                              | 52.00                        | 10.79 | 62.10       | 12.70 | 72.20       | 14.78 | 77.30       | 15.87 | 82.40       | 16.96 | 92.40       | 19.23 | 102.6       | 21.68 |
|        | 21                              | 52.00                        | 10.88 | 62.10       | 12.79 | 72.20       | 14.97 | 77.30       | 16.05 | 82.40       | 17.14 | 92.40       | 19.50 | 102.6       | 21.86 |
|        | 23                              | 52.00                        | 11.06 | 62.10       | 13.07 | 72.20       | 15.15 | 77.30       | 16.33 | 82.40       | 17.51 | 92.40       | 20.23 | 102.6       | 23.22 |
|        | 25                              | 52.00                        | 11.25 | 62.10       | 13.33 | 72.20       | 15.78 | 77.30       | 17.14 | 82.40       | 18.59 | 92.40       | 21.59 | 102.6       | 24.85 |
|        | 27                              | 52.00                        | 11.61 | 62.10       | 14.06 | 72.20       | 16.78 | 77.30       | 18.23 | 82.40       | 19.77 | 92.40       | 22.95 | 102.6       | 26.49 |
|        | 29                              | 52.00                        | 12.33 | 62.10       | 14.97 | 72.20       | 17.87 | 77.30       | 19.41 | 82.40       | 21.04 | 92.40       | 24.49 | 102.6       | 28.30 |
|        | 31                              | 52.00                        | 13.07 | 62.10       | 15.87 | 72.20       | 18.96 | 77.30       | 20.68 | 82.40       | 22.40 | 92.40       | 26.12 | 102.6       | 30.11 |
|        | 33                              | 52.00                        | 13.79 | 62.10       | 16.78 | 72.20       | 20.14 | 77.30       | 21.95 | 82.40       | 23.86 | 92.40       | 27.76 | 102.6       | 32.11 |
|        | 35                              | 52.00                        | 14.60 | 62.10       | 17.87 | 72.20       | 21.41 | 77.30       | 23.31 | 82.40       | 25.31 | 92.40       | 29.57 | 102.6       | 34.11 |
|        | 37                              | 52.00                        | 15.42 | 62.10       | 18.85 | 72.20       | 22.68 | 77.30       | 24.76 | 82.40       | 26.85 | 92.40       | 31.38 | 102.6       | 36.28 |
|        | 39                              | 52.00                        | 16.40 | 62.10       | 20.08 | 72.20       | 24.48 | 77.30       | 26.56 | 82.40       | 28.90 | 92.40       | 33.65 | 102.6       | 38.88 |
|        | 41                              | 52.00                        | 18.43 | 62.10       | 22.77 | 72.20       | 27.54 | 77.30       | 30.08 | 82.40       | 32.51 | 92.40       | 38.27 | 102.6       | 43.79 |
|        | 43                              | 52.00                        | 20.74 | 62.10       | 25.67 | 72.20       | 31.10 | 77.30       | 33.94 | 82.40       | 36.70 | 92.40       | 43.27 | 102.6       | 49.52 |
|        | 46                              | 50.40                        | 24.36 | 60.20       | 30.23 | 69.90       | 36.67 | 74.80       | 40.00 | 79.70       | 43.31 | 89.50       | 51.12 | 99.30       | 59.16 |
|        | 48                              | 44.50                        | 21.45 | 53.10       | 26.65 | 61.90       | 32.37 | 66.20       | 35.30 | 70.50       | 38.23 | 79.20       | 45.16 | 87.80       | 52.30 |
|        | 50                              | 38.70                        | 18.46 | 46.20       | 23.00 | 53.80       | 27.97 | 57.50       | 30.49 | 61.30       | 33.05 | 68.80       | 39.08 | 76.40       | 45.28 |
|        | 52                              | 32.90                        | 15.43 | 39.30       | 19.27 | 45.70       | 23.48 | 48.90       | 25.59 | 52.10       | 27.76 | 58.50       | 32.87 | 65.00       | 38.12 |
| 50     | 10                              | 43.50                        | 8.65  | 52.00       | 10.01 | 60.20       | 11.38 | 64.40       | 12.20 | 68.60       | 12.92 | 76.80       | 14.56 | 85.50       | 16.20 |
|        | 12                              | 43.50                        | 8.74  | 52.00       | 10.10 | 60.20       | 11.56 | 64.40       | 12.38 | 68.60       | 13.20 | 76.80       | 14.84 | 85.50       | 16.48 |
|        | 14                              | 43.50                        | 8.83  | 52.00       | 10.29 | 60.20       | 11.74 | 64.40       | 12.57 | 68.60       | 13.38 | 76.80       | 15.02 | 85.50       | 16.75 |
|        | 16                              | 43.50                        | 9.02  | 52.00       | 10.47 | 60.20       | 11.93 | 64.40       | 12.83 | 68.60       | 13.56 | 76.80       | 15.29 | 85.50       | 17.02 |
|        | 18                              | 43.50                        | 9.11  | 52.00       | 10.56 | 60.20       | 12.11 | 64.40       | 13.02 | 68.60       | 13.84 | 76.80       | 15.57 | 85.50       | 17.39 |
|        | 20                              | 43.50                        | 9.20  | 52.00       | 10.75 | 60.20       | 12.38 | 64.40       | 13.20 | 68.60       | 14.11 | 76.80       | 15.84 | 85.50       | 17.75 |
|        | 21                              | 43.50                        | 9.28  | 52.00       | 10.84 | 60.20       | 12.48 | 64.40       | 13.38 | 68.60       | 14.21 | 76.80       | 16.02 | 85.50       | 17.93 |
|        | 23                              | 43.50                        | 9.46  | 52.00       | 11.01 | 60.20       | 12.65 | 64.40       | 13.56 | 68.60       | 14.47 | 76.80       | 16.29 | 85.50       | 18.30 |
|        | 25                              | 43.50                        | 9.56  | 52.00       | 11.19 | 60.20       | 12.92 | 64.40       | 13.84 | 68.60       | 14.93 | 76.80       | 17.12 | 85.50       | 19.57 |
|        | 27                              | 43.50                        | 9.74  | 52.00       | 11.56 | 60.20       | 13.66 | 64.40       | 14.75 | 68.60       | 15.84 | 76.80       | 18.30 | 85.50       | 20.85 |
|        | 29                              | 43.50                        | 10.29 | 52.00       | 12.29 | 60.20       | 14.47 | 64.40       | 15.66 | 68.60       | 16.84 | 76.80       | 19.39 | 85.50       | 22.12 |
|        | 31                              | 43.50                        | 10.84 | 52.00       | 13.02 | 60.20       | 15.39 | 64.40       | 16.57 | 68.60       | 17.93 | 76.80       | 20.67 | 85.50       | 23.58 |
|        | 33                              | 43.50                        | 11.47 | 52.00       | 13.75 | 60.20       | 16.29 | 64.40       | 17.57 | 68.60       | 19.03 | 76.80       | 21.94 | 85.50       | 25.12 |
|        | 35                              | 43.50                        | 12.11 | 52.00       | 14.56 | 60.20       | 17.21 | 64.40       | 18.66 | 68.60       | 20.12 | 76.80       | 23.21 | 85.50       | 26.67 |
|        | 37                              | 43.50                        | 12.83 | 52.00       | 15.39 | 60.20       | 18.21 | 64.40       | 19.75 | 68.60       | 21.30 | 76.80       | 24.76 | 85.50       | 28.31 |
|        | 39                              | 43.50                        | 13.69 | 52.00       | 16.49 | 60.20       | 19.51 | 64.40       | 21.26 | 68.60       | 22.86 | 76.80       | 26.37 | 85.50       | 30.58 |
|        | 41                              | 43.50                        | 15.34 | 52.00       | 18.50 | 60.20       | 22.11 | 64.40       | 23.86 | 68.60       | 25.66 | 76.80       | 29.97 | 85.50       | 34.42 |
|        | 43                              | 43.50                        | 17.27 | 52.00       | 20.84 | 60.20       | 24.91 | 64.40       | 26.92 | 68.60       | 28.94 | 76.80       | 33.83 | 85.50       | 38.87 |
|        | 46                              | 42.10                        | 20.28 | 50.40       | 24.51 | 58.30       | 29.30 | 62.30       | 31.69 | 66.30       | 34.06 | 74.40       | 39.92 | 82.80       | 45.90 |
|        | 48                              | 37.20                        | 17.85 | 44.50       | 21.59 | 51.60       | 25.82 | 55.20       | 27.95 | 58.70       | 30.04 | 65.80       | 35.24 | 73.20       | 40.53 |
|        | 50                              | 32.40                        | 15.38 | 38.70       | 18.62 | 44.90       | 22.26 | 47.90       | 24.12 | 51.00       | 25.91 | 57.20       | 30.46 | 63.70       | 35.05 |
|        | 52                              | 27.60                        | 12.85 | 32.90       | 15.59 | 38.10       | 18.64 | 40.80       | 20.21 | 43.30       | 21.72 | 48.70       | 25.59 | 54.20       | 29.46 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM480LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 133.2                        | 22.20 | 158.6       | 27.12 | 170.0       | 31.46 | 174.8       | 32.10 | 179.6       | 32.36 | 188.4       | 32.62 | 193.2       | 32.74 |
|        | 12                              | 133.2                        | 22.74 | 158.6       | 28.10 | 170.0       | 32.76 | 174.8       | 32.98 | 179.6       | 33.24 | 188.4       | 33.50 | 193.2       | 33.80 |
|        | 14                              | 133.2                        | 23.50 | 158.6       | 29.12 | 170.0       | 34.00 | 174.8       | 34.24 | 179.6       | 34.52 | 188.4       | 34.78 | 193.2       | 35.10 |
|        | 16                              | 133.2                        | 24.36 | 158.6       | 30.12 | 170.0       | 35.52 | 174.8       | 35.84 | 179.6       | 36.12 | 188.4       | 36.46 | 193.2       | 36.74 |
|        | 18                              | 133.2                        | 25.38 | 158.6       | 31.86 | 170.0       | 37.14 | 174.8       | 37.94 | 179.6       | 38.24 | 188.4       | 38.62 | 193.2       | 38.90 |
|        | 20                              | 133.2                        | 26.50 | 158.6       | 33.96 | 170.0       | 38.98 | 174.8       | 41.74 | 179.6       | 42.08 | 188.4       | 43.12 | 193.2       | 43.40 |
|        | 21                              | 133.2                        | 27.20 | 158.6       | 35.14 | 170.0       | 39.80 | 174.8       | 44.16 | 179.6       | 44.52 | 188.4       | 45.88 | 193.2       | 46.18 |
|        | 23                              | 133.2                        | 29.18 | 158.6       | 36.96 | 170.0       | 41.86 | 174.8       | 48.74 | 179.6       | 49.76 | 188.4       | 51.38 | 193.2       | 51.70 |
|        | 25                              | 133.2                        | 31.18 | 158.6       | 39.10 | 170.0       | 44.74 | 174.8       | 54.70 | 179.6       | 56.00 | 188.4       | 57.68 | 193.2       | 58.00 |
|        | 27                              | 133.2                        | 33.36 | 158.6       | 41.80 | 170.0       | 48.26 | 174.8       | 61.22 | 179.6       | 62.40 | 188.4       | 64.30 | 193.2       | 64.80 |
|        | 29                              | 133.2                        | 35.54 | 158.6       | 44.68 | 170.0       | 52.80 | 174.8       | 68.26 | 179.6       | 69.56 | 188.4       | 71.52 | 193.2       | 71.66 |
|        | 31                              | 133.2                        | 37.92 | 158.6       | 47.22 | 170.0       | 57.10 | 174.8       | 68.96 | 179.6       | 70.30 | 187.0       | 71.84 | 192.4       | 72.14 |
|        | 33                              | 133.2                        | 40.40 | 158.6       | 50.92 | 170.0       | 62.06 | 174.8       | 69.30 | 179.4       | 70.56 | 184.6       | 71.20 | 189.4       | 71.48 |
|        | 35                              | 133.2                        | 43.08 | 158.6       | 54.26 | 170.0       | 68.40 | 174.0       | 69.22 | 177.0       | 69.64 | 181.8       | 70.26 | 187.0       | 70.54 |
|        | 37                              | 133.2                        | 45.94 | 158.6       | 57.76 | 168.8       | 67.96 | 171.2       | 68.30 | 174.0       | 68.72 | 178.8       | 69.34 | 184.2       | 69.60 |
|        | 39                              | 133.2                        | 48.92 | 158.6       | 61.90 | 165.8       | 67.06 | 168.8       | 67.40 | 171.2       | 67.80 | 176.4       | 68.40 | 181.8       | 68.68 |
|        | 41                              | 133.2                        | 53.82 | 154.0       | 66.52 | 159.2       | 66.82 | 161.6       | 67.16 | 164.6       | 67.56 | 169.6       | 68.18 | 174.2       | 68.44 |
|        | 43                              | 133.2                        | 58.80 | 147.6       | 66.26 | 152.6       | 66.60 | 155.0       | 66.92 | 158.0       | 67.34 | 163.0       | 67.94 | 167.4       | 68.20 |
|        | 46                              | 128.8                        | 66.04 | 134.6       | 65.90 | 139.4       | 66.24 | 141.6       | 66.56 | 144.6       | 66.96 | 149.2       | 67.56 | 153.2       | 67.84 |
|        | 48                              | 114.0                        | 64.88 | 116.8       | 65.08 | 121.2       | 65.22 | 123.2       | 65.40 | 125.8       | 65.96 | 129.8       | 66.38 | 133.4       | 66.64 |
|        | 50                              | 99.20                        | 63.70 | 99.20       | 64.22 | 103.0       | 64.18 | 104.8       | 64.20 | 107.0       | 64.92 | 110.6       | 65.16 | 113.6       | 65.42 |
|        | 52                              | 84.20                        | 62.48 | 81.40       | 63.36 | 84.80       | 63.10 | 86.20       | 62.96 | 88.20       | 63.86 | 91.20       | 63.90 | 93.80       | 64.16 |
| 120    | 10                              | 120.4                        | 19.96 | 143.2       | 24.48 | 156.6       | 29.08 | 161.2       | 31.44 | 166.0       | 31.94 | 175.0       | 32.06 | 179.4       | 32.32 |
|        | 12                              | 120.4                        | 20.50 | 143.2       | 25.30 | 156.6       | 30.26 | 161.2       | 32.10 | 166.0       | 33.12 | 175.0       | 33.52 | 179.4       | 33.78 |
|        | 14                              | 120.4                        | 21.22 | 143.2       | 26.16 | 156.6       | 31.48 | 161.2       | 33.32 | 166.0       | 34.34 | 175.0       | 34.84 | 179.4       | 35.12 |
|        | 16                              | 120.4                        | 21.98 | 143.2       | 27.24 | 156.6       | 32.70 | 161.2       | 34.56 | 166.0       | 35.92 | 175.0       | 36.36 | 179.4       | 36.66 |
|        | 18                              | 120.4                        | 22.84 | 143.2       | 28.46 | 156.6       | 34.00 | 161.2       | 36.38 | 166.0       | 37.76 | 175.0       | 38.20 | 179.4       | 38.50 |
|        | 20                              | 120.4                        | 23.70 | 143.2       | 30.18 | 156.6       | 35.84 | 161.2       | 38.30 | 166.0       | 39.76 | 175.0       | 40.28 | 179.4       | 40.60 |
|        | 21                              | 120.4                        | 24.42 | 143.2       | 31.28 | 156.6       | 36.84 | 161.2       | 39.42 | 166.0       | 41.06 | 175.0       | 41.60 | 179.4       | 41.92 |
|        | 23                              | 120.4                        | 26.10 | 143.2       | 33.46 | 156.6       | 39.48 | 161.2       | 41.88 | 166.0       | 43.78 | 175.0       | 44.22 | 179.4       | 44.58 |
|        | 25                              | 120.4                        | 27.90 | 143.2       | 35.84 | 156.6       | 41.64 | 161.2       | 44.64 | 166.0       | 46.96 | 175.0       | 47.92 | 179.4       | 48.30 |
|        | 27                              | 120.4                        | 29.78 | 143.2       | 38.32 | 156.6       | 44.30 | 161.2       | 47.70 | 166.0       | 50.46 | 175.0       | 52.22 | 179.4       | 52.60 |
|        | 29                              | 120.4                        | 31.76 | 143.2       | 40.90 | 156.6       | 46.62 | 161.2       | 51.06 | 166.0       | 54.66 | 175.0       | 57.00 | 179.4       | 57.24 |
|        | 31                              | 120.4                        | 33.86 | 143.2       | 43.68 | 156.6       | 49.04 | 161.2       | 55.42 | 166.0       | 59.40 | 175.0       | 62.10 | 179.4       | 62.52 |
|        | 33                              | 120.4                        | 36.04 | 143.2       | 46.56 | 156.6       | 52.58 | 161.2       | 61.18 | 166.0       | 64.84 | 175.0       | 67.34 | 179.4       | 67.76 |
|        | 35                              | 120.4                        | 38.32 | 143.2       | 49.64 | 156.6       | 56.64 | 161.2       | 68.56 | 166.0       | 69.72 | 174.8       | 71.66 | 179.4       | 72.22 |
|        | 37                              | 120.4                        | 41.22 | 143.2       | 52.38 | 156.6       | 61.24 | 161.2       | 68.04 | 166.0       | 69.44 | 171.8       | 70.14 | 176.4       | 70.70 |
|        | 39                              | 120.4                        | 44.38 | 143.2       | 55.56 | 156.6       | 66.12 | 161.2       | 67.84 | 164.4       | 68.50 | 169.6       | 68.70 | 174.2       | 69.24 |
|        | 41                              | 120.4                        | 49.28 | 143.2       | 61.84 | 153.4       | 66.84 | 155.6       | 67.42 | 157.8       | 67.76 | 162.4       | 67.96 | 167.0       | 68.50 |
|        | 43                              | 120.4                        | 54.50 | 142.2       | 63.80 | 147.0       | 66.02 | 149.2       | 66.66 | 151.4       | 66.98 | 155.8       | 67.18 | 160.4       | 67.72 |
|        | 46                              | 116.6                        | 61.48 | 129.6       | 63.26 | 134.4       | 64.96 | 136.2       | 65.48 | 138.4       | 65.82 | 142.6       | 66.02 | 146.8       | 66.54 |
|        | 48                              | 103.2                        | 60.86 | 112.6       | 62.80 | 116.8       | 64.36 | 118.4       | 64.76 | 120.4       | 64.96 | 124.0       | 65.22 | 127.8       | 65.48 |
|        | 50                              | 89.60                        | 60.24 | 95.40       | 62.34 | 99.20       | 63.76 | 100.6       | 64.00 | 102.2       | 64.10 | 105.6       | 64.42 | 108.8       | 64.40 |
|        | 52                              | 76.20                        | 59.60 | 78.40       | 61.86 | 81.60       | 63.14 | 82.80       | 63.24 | 84.20       | 63.20 | 87.00       | 63.60 | 89.80       | 63.32 |
| 110    | 10                              | 108.0                        | 17.96 | 128.6       | 21.88 | 143.8       | 26.00 | 147.8       | 28.14 | 157.2       | 30.28 | 160.8       | 31.12 | 171.6       | 31.64 |
|        | 12                              | 108.0                        | 18.52 | 128.6       | 22.62 | 143.8       | 27.08 | 147.8       | 28.94 | 157.2       | 31.42 | 160.8       | 32.44 | 171.6       | 33.18 |
|        | 14                              | 108.0                        | 19.10 | 128.6       | 23.64 | 143.8       | 28.30 | 147.8       | 30.36 | 157.2       | 33.00 | 160.8       | 33.94 | 171.6       | 34.66 |
|        | 16                              | 108.0                        | 19.78 | 128.6       | 24.50 | 143.8       | 29.48 | 147.8       | 31.70 | 157.2       | 34.52 | 160.8       | 35.48 | 171.6       | 36.10 |
|        | 18                              | 108.0                        | 20.50 | 128.6       | 25.52 | 143.8       | 31.18 | 147.8       | 33.38 | 157.2       | 36.42 | 160.8       | 37.14 | 171.6       | 37.84 |
|        | 20                              | 108.0                        | 21.24 | 128.6       | 26.80 | 143.8       | 33.06 | 147.8       | 34.92 | 157.2       | 38.20 | 160.8       | 39.14 | 171.6       | 39.76 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 108.0                        | 21.72 | 128.6       | 27.60 | 143.8       | 33.90 | 147.8       | 35.84 | 157.2       | 39.26 | 160.8       | 40.24 | 171.6       | 40.88 |
|        | 23                               | 108.0                        | 23.14 | 128.6       | 29.58 | 143.8       | 35.80 | 147.8       | 37.84 | 157.2       | 41.48 | 160.8       | 42.36 | 171.6       | 43.06 |
|        | 25                               | 108.0                        | 24.72 | 128.6       | 31.56 | 143.8       | 37.82 | 147.8       | 40.02 | 157.2       | 43.82 | 160.8       | 44.44 | 171.6       | 45.92 |
|        | 27                               | 108.0                        | 26.40 | 128.6       | 33.76 | 143.8       | 39.96 | 147.8       | 42.34 | 157.2       | 45.76 | 160.8       | 46.80 | 171.6       | 48.92 |
|        | 29                               | 108.0                        | 28.20 | 128.6       | 36.04 | 143.8       | 42.24 | 147.8       | 44.84 | 157.2       | 48.36 | 160.8       | 49.20 | 171.6       | 51.96 |
|        | 31                               | 108.0                        | 29.98 | 128.6       | 38.42 | 143.8       | 44.64 | 147.8       | 47.52 | 157.2       | 51.66 | 160.8       | 52.50 | 171.6       | 55.36 |
|        | 33                               | 108.0                        | 31.96 | 128.6       | 40.90 | 143.8       | 47.16 | 147.8       | 50.34 | 157.2       | 55.32 | 160.8       | 56.18 | 171.6       | 58.76 |
|        | 35                               | 108.0                        | 33.96 | 128.6       | 43.68 | 143.8       | 49.80 | 147.8       | 53.36 | 157.2       | 59.38 | 160.8       | 59.86 | 171.4       | 62.44 |
|        | 37                               | 108.0                        | 35.98 | 128.6       | 46.36 | 143.8       | 52.58 | 147.8       | 57.32 | 157.2       | 63.74 | 160.8       | 63.64 | 168.6       | 65.34 |
|        | 39                               | 108.0                        | 38.80 | 128.6       | 49.26 | 143.8       | 56.50 | 147.8       | 62.44 | 157.2       | 67.84 | 160.8       | 67.84 | 166.4       | 68.32 |
|        | 41                               | 108.0                        | 43.14 | 128.6       | 54.08 | 143.8       | 62.88 | 147.8       | 71.20 | 151.0       | 71.82 | 155.4       | 72.38 | 159.4       | 72.96 |
|        | 43                               | 108.0                        | 46.92 | 128.6       | 58.38 | 140.6       | 68.82 | 143.0       | 69.60 | 144.8       | 69.46 | 149.2       | 69.84 | 153.0       | 70.04 |
|        | 46                               | 104.4                        | 48.06 | 124.6       | 59.14 | 128.4       | 66.36 | 130.6       | 66.36 | 132.2       | 66.92 | 136.4       | 67.30 | 139.8       | 67.48 |
|        | 48                               | 92.40                        | 47.18 | 108.2       | 57.58 | 111.4       | 63.80 | 113.6       | 64.24 | 115.0       | 64.54 | 118.6       | 64.72 | 121.8       | 64.98 |
|        | 50                               | 80.40                        | 46.26 | 92.00       | 55.98 | 94.60       | 61.20 | 96.40       | 62.06 | 97.80       | 62.10 | 100.8       | 62.10 | 103.6       | 62.44 |
|        | 52                               | 68.20                        | 45.34 | 75.80       | 54.36 | 77.80       | 58.54 | 79.40       | 59.84 | 80.40       | 59.62 | 83.00       | 59.42 | 85.40       | 59.82 |
| 100    | 10                               | 90.80                        | 16.18 | 108.0       | 19.66 | 125.8       | 23.32 | 134.4       | 25.20 | 143.0       | 27.08 | 158.6       | 30.14 | 162.0       | 30.38 |
|        | 12                               | 90.80                        | 16.68 | 108.0       | 20.46 | 125.8       | 24.10 | 134.4       | 25.88 | 143.0       | 27.94 | 158.6       | 31.76 | 162.0       | 32.08 |
|        | 14                               | 90.80                        | 17.22 | 108.0       | 21.28 | 125.8       | 25.12 | 134.4       | 27.00 | 143.0       | 29.14 | 158.6       | 33.54 | 162.0       | 33.84 |
|        | 16                               | 90.80                        | 17.74 | 108.0       | 21.98 | 125.8       | 26.20 | 134.4       | 28.28 | 143.0       | 30.70 | 158.6       | 35.16 | 162.0       | 35.64 |
|        | 18                               | 90.80                        | 18.26 | 108.0       | 22.80 | 125.8       | 27.22 | 134.4       | 29.66 | 143.0       | 32.56 | 158.6       | 37.14 | 162.0       | 37.44 |
|        | 20                               | 90.80                        | 18.92 | 108.0       | 23.66 | 125.8       | 28.78 | 134.4       | 31.76 | 143.0       | 34.84 | 158.6       | 38.92 | 162.0       | 39.22 |
|        | 21                               | 90.80                        | 19.30 | 108.0       | 24.22 | 125.8       | 29.78 | 134.4       | 32.86 | 143.0       | 36.14 | 158.6       | 39.80 | 162.0       | 40.12 |
|        | 23                               | 90.80                        | 20.46 | 108.0       | 25.92 | 125.8       | 31.96 | 134.4       | 35.24 | 143.0       | 38.72 | 158.6       | 41.68 | 162.0       | 42.02 |
|        | 25                               | 90.80                        | 21.74 | 108.0       | 27.60 | 125.8       | 34.14 | 134.4       | 37.72 | 143.0       | 41.40 | 158.6       | 43.46 | 162.0       | 44.18 |
|        | 27                               | 90.80                        | 23.22 | 108.0       | 29.48 | 125.8       | 36.54 | 134.4       | 40.30 | 143.0       | 44.02 | 158.6       | 46.42 | 162.0       | 46.82 |
|        | 29                               | 90.80                        | 24.72 | 108.0       | 31.46 | 125.8       | 39.02 | 134.4       | 43.08 | 143.0       | 46.58 | 158.6       | 49.20 | 162.0       | 49.46 |
|        | 31                               | 90.80                        | 26.40 | 108.0       | 33.56 | 125.8       | 41.60 | 134.4       | 45.96 | 143.0       | 48.94 | 158.6       | 51.88 | 162.0       | 52.16 |
|        | 33                               | 90.80                        | 28.00 | 108.0       | 35.74 | 125.8       | 44.38 | 134.4       | 49.04 | 143.0       | 50.78 | 158.6       | 54.68 | 162.0       | 54.96 |
|        | 35                               | 90.80                        | 29.78 | 108.0       | 38.02 | 125.8       | 47.26 | 134.4       | 52.30 | 143.0       | 53.44 | 157.8       | 57.44 | 161.8       | 57.88 |
|        | 37                               | 90.80                        | 31.90 | 108.0       | 40.78 | 125.8       | 50.06 | 134.4       | 54.80 | 143.0       | 56.86 | 155.0       | 60.10 | 158.6       | 60.66 |
|        | 39                               | 90.80                        | 34.20 | 108.0       | 43.80 | 125.8       | 53.04 | 134.4       | 57.48 | 143.0       | 60.62 | 152.4       | 63.00 | 156.0       | 63.58 |
|        | 41                               | 90.80                        | 37.46 | 108.0       | 48.08 | 125.8       | 57.52 | 134.4       | 63.34 | 143.0       | 66.24 | 146.6       | 66.56 | 151.4       | 67.18 |
|        | 43                               | 90.80                        | 41.48 | 108.0       | 53.34 | 125.8       | 63.06 | 134.4       | 69.30 | 136.0       | 69.56 | 140.2       | 69.78 | 143.8       | 70.44 |
|        | 46                               | 87.80                        | 46.82 | 104.6       | 60.32 | 121.8       | 70.18 | 122.8       | 73.70 | 124.0       | 73.92 | 128.0       | 74.14 | 131.4       | 74.84 |
|        | 48                               | 77.60                        | 40.86 | 92.40       | 52.76 | 105.2       | 60.64 | 106.6       | 63.20 | 107.8       | 63.42 | 111.2       | 63.56 | 114.4       | 64.06 |
|        | 50                               | 67.60                        | 34.78 | 80.40       | 45.02 | 88.40       | 50.88 | 90.60       | 52.48 | 91.40       | 52.68 | 94.60       | 52.74 | 97.20       | 53.06 |
|        | 52                               | 57.40                        | 28.54 | 68.40       | 37.10 | 71.80       | 40.92 | 74.60       | 41.52 | 75.20       | 41.70 | 77.80       | 41.70 | 80.00       | 41.80 |
| 90     | 10                               | 81.60                        | 15.08 | 97.40       | 18.14 | 113.2       | 21.38 | 121.0       | 23.06 | 128.6       | 24.82 | 144.4       | 27.76 | 160.4       | 30.42 |
|        | 12                               | 81.60                        | 15.28 | 97.40       | 18.42 | 113.2       | 21.76 | 121.0       | 23.52 | 128.6       | 25.36 | 144.4       | 28.32 | 160.4       | 31.42 |
|        | 14                               | 81.60                        | 15.56 | 97.40       | 18.80 | 113.2       | 22.22 | 121.0       | 23.98 | 128.6       | 25.82 | 144.4       | 28.86 | 160.4       | 32.06 |
|        | 16                               | 81.60                        | 15.84 | 97.40       | 19.16 | 113.2       | 22.68 | 121.0       | 24.44 | 128.6       | 26.30 | 144.4       | 29.42 | 160.4       | 32.62 |
|        | 18                               | 81.60                        | 16.10 | 97.40       | 19.54 | 113.2       | 23.06 | 121.0       | 25.00 | 128.6       | 26.84 | 144.4       | 30.06 | 160.4       | 34.26 |
|        | 20                               | 81.60                        | 16.38 | 97.40       | 19.90 | 113.2       | 23.52 | 121.0       | 25.46 | 128.6       | 27.86 | 144.4       | 32.16 | 160.4       | 35.90 |
|        | 21                               | 81.60                        | 16.58 | 97.40       | 20.08 | 113.2       | 23.98 | 121.0       | 26.30 | 128.6       | 28.88 | 144.4       | 32.70 | 160.4       | 36.72 |
|        | 23                               | 81.60                        | 16.94 | 97.40       | 20.92 | 113.2       | 25.64 | 121.0       | 28.24 | 128.6       | 30.92 | 144.4       | 34.68 | 160.4       | 38.98 |
|        | 25                               | 81.60                        | 17.78 | 97.40       | 22.32 | 113.2       | 27.40 | 121.0       | 30.18 | 128.6       | 33.04 | 144.4       | 37.08 | 160.4       | 41.24 |
|        | 27                               | 81.60                        | 18.98 | 97.40       | 23.80 | 113.2       | 29.26 | 121.0       | 32.22 | 128.6       | 35.36 | 144.4       | 39.42 | 160.4       | 43.82 |
|        | 29                               | 81.60                        | 20.08 | 97.40       | 25.36 | 113.2       | 31.30 | 121.0       | 34.44 | 128.6       | 37.78 | 144.4       | 41.74 | 160.4       | 46.28 |
|        | 31                               | 81.60                        | 21.38 | 97.40       | 27.04 | 113.2       | 33.32 | 121.0       | 36.66 | 128.6       | 40.28 | 144.4       | 43.84 | 160.4       | 48.80 |
|        | 33                               | 81.60                        | 22.78 | 97.40       | 28.80 | 113.2       | 35.54 | 121.0       | 39.06 | 128.6       | 42.72 | 144.4       | 45.96 | 159.4       | 51.12 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 81.60                        | 24.16 | 97.40       | 30.54 | 113.2       | 37.78 | 121.0       | 41.66 | 128.6       | 45.30 | 144.4       | 49.44 | 157.0       | 54.02 |
|        | 37                              | 81.60                        | 25.64 | 97.40       | 32.50 | 113.2       | 40.28 | 121.0       | 44.26 | 128.6       | 47.82 | 144.4       | 52.52 | 154.4       | 56.44 |
|        | 39                              | 81.60                        | 27.16 | 97.40       | 34.56 | 113.2       | 42.62 | 121.0       | 47.10 | 128.6       | 50.28 | 144.4       | 56.30 | 152.0       | 58.90 |
|        | 41                              | 81.60                        | 31.50 | 97.40       | 39.72 | 113.2       | 48.50 | 121.0       | 53.40 | 128.6       | 56.28 | 143.2       | 61.98 | 145.6       | 63.40 |
|        | 43                              | 81.60                        | 35.22 | 97.40       | 44.48 | 113.2       | 54.90 | 121.0       | 59.58 | 128.6       | 62.52 | 137.2       | 67.06 | 139.8       | 67.86 |
|        | 46                              | 79.00                        | 41.60 | 94.40       | 53.16 | 109.6       | 65.62 | 117.0       | 70.88 | 120.8       | 72.88 | 125.2       | 74.28 | 127.6       | 74.88 |
|        | 48                              | 69.80                        | 36.76 | 83.40       | 46.98 | 97.00       | 58.04 | 103.6       | 62.50 | 104.8       | 63.48 | 108.8       | 63.66 | 111.0       | 64.18 |
|        | 50                              | 60.80                        | 31.80 | 72.60       | 40.70 | 84.40       | 50.28 | 90.00       | 53.94 | 89.00       | 53.86 | 92.40       | 52.84 | 94.20       | 53.24 |
|        | 52                              | 51.60                        | 26.72 | 61.60       | 34.26 | 71.60       | 42.36 | 76.60       | 45.18 | 73.00       | 44.04 | 76.00       | 41.76 | 77.60       | 42.08 |
| 80     | 10                              | 72.40                        | 14.08 | 86.40       | 16.92 | 100.4       | 19.86 | 107.6       | 21.42 | 114.8       | 22.98 | 128.6       | 26.22 | 142.6       | 28.46 |
|        | 12                              | 72.40                        | 14.38 | 86.40       | 17.12 | 100.4       | 20.24 | 107.6       | 21.82 | 114.8       | 23.38 | 128.6       | 26.70 | 142.6       | 29.02 |
|        | 14                              | 72.40                        | 14.58 | 86.40       | 17.50 | 100.4       | 20.54 | 107.6       | 22.20 | 114.8       | 23.76 | 128.6       | 27.20 | 142.6       | 29.58 |
|        | 16                              | 72.40                        | 14.76 | 86.40       | 17.80 | 100.4       | 20.94 | 107.6       | 22.60 | 114.8       | 24.26 | 128.6       | 27.78 | 142.6       | 30.16 |
|        | 18                              | 72.40                        | 15.06 | 86.40       | 18.10 | 100.4       | 21.32 | 107.6       | 22.98 | 114.8       | 24.74 | 128.6       | 28.26 | 142.6       | 30.80 |
|        | 20                              | 72.40                        | 15.36 | 86.40       | 18.48 | 100.4       | 21.82 | 107.6       | 23.48 | 114.8       | 25.24 | 128.6       | 29.34 | 142.6       | 32.64 |
|        | 21                              | 72.40                        | 15.46 | 86.40       | 18.68 | 100.4       | 22.00 | 107.6       | 23.76 | 114.8       | 25.82 | 128.6       | 30.28 | 142.6       | 33.50 |
|        | 23                              | 72.40                        | 15.74 | 86.40       | 18.98 | 100.4       | 22.98 | 107.6       | 25.24 | 114.8       | 27.58 | 128.6       | 31.96 | 142.6       | 35.16 |
|        | 25                              | 72.40                        | 16.34 | 86.40       | 20.24 | 100.4       | 24.64 | 107.6       | 27.00 | 114.8       | 29.54 | 128.6       | 34.20 | 142.6       | 37.60 |
|        | 27                              | 72.40                        | 17.32 | 86.40       | 21.52 | 100.4       | 26.32 | 107.6       | 28.86 | 114.8       | 31.50 | 128.6       | 36.34 | 142.6       | 39.56 |
|        | 29                              | 72.40                        | 18.38 | 86.40       | 22.98 | 100.4       | 27.98 | 107.6       | 30.72 | 114.8       | 33.64 | 128.6       | 38.94 | 142.6       | 41.54 |
|        | 31                              | 72.40                        | 19.56 | 86.40       | 24.36 | 100.4       | 29.84 | 107.6       | 32.76 | 114.8       | 35.80 | 128.6       | 41.32 | 142.6       | 43.60 |
|        | 33                              | 72.40                        | 20.74 | 86.40       | 26.02 | 100.4       | 31.78 | 107.6       | 34.92 | 114.8       | 38.14 | 128.6       | 43.54 | 142.6       | 45.70 |
|        | 35                              | 72.40                        | 22.00 | 86.40       | 27.58 | 100.4       | 33.84 | 107.6       | 37.16 | 114.8       | 40.70 | 128.6       | 46.16 | 142.6       | 48.82 |
|        | 37                              | 72.40                        | 23.28 | 86.40       | 29.32 | 100.4       | 35.90 | 107.6       | 39.52 | 114.8       | 43.24 | 128.6       | 48.72 | 142.6       | 51.90 |
|        | 39                              | 72.40                        | 24.60 | 86.40       | 31.00 | 100.4       | 38.40 | 107.6       | 42.48 | 114.8       | 46.46 | 128.6       | 51.48 | 142.6       | 55.66 |
|        | 41                              | 72.40                        | 28.22 | 86.40       | 35.62 | 100.4       | 43.70 | 107.6       | 48.28 | 114.8       | 52.94 | 128.6       | 57.44 | 142.2       | 62.24 |
|        | 43                              | 72.40                        | 32.18 | 86.40       | 40.28 | 100.4       | 49.42 | 107.6       | 54.52 | 114.8       | 59.94 | 128.6       | 63.72 | 136.2       | 67.30 |
|        | 46                              | 70.20                        | 37.58 | 83.60       | 47.60 | 97.20       | 58.44 | 104.0       | 63.68 | 111.0       | 70.96 | 121.6       | 74.40 | 124.4       | 75.02 |
|        | 48                              | 62.00                        | 33.16 | 74.00       | 42.08 | 86.00       | 51.64 | 92.00       | 56.22 | 98.20       | 62.78 | 105.6       | 63.78 | 108.0       | 64.30 |
|        | 50                              | 54.00                        | 28.66 | 64.40       | 36.42 | 74.80       | 44.72 | 80.00       | 48.60 | 85.40       | 54.42 | 89.60       | 52.94 | 91.80       | 53.34 |
|        | 52                              | 45.80                        | 24.06 | 54.60       | 30.64 | 63.40       | 37.64 | 68.00       | 40.80 | 72.60       | 45.88 | 73.60       | 41.84 | 75.40       | 42.14 |
| 70     | 10                              | 63.40                        | 12.46 | 75.80       | 14.82 | 87.80       | 17.18 | 94.00       | 18.56 | 100.4       | 19.84 | 112.4       | 22.58 | 124.8       | 25.26 |
|        | 12                              | 63.40                        | 12.66 | 75.80       | 15.02 | 87.80       | 17.58 | 94.00       | 18.86 | 100.4       | 20.22 | 112.4       | 22.98 | 124.8       | 25.74 |
|        | 14                              | 63.40                        | 12.86 | 75.80       | 15.22 | 87.80       | 17.86 | 94.00       | 19.14 | 100.4       | 20.52 | 112.4       | 23.46 | 124.8       | 26.20 |
|        | 16                              | 63.40                        | 13.06 | 75.80       | 15.52 | 87.80       | 18.16 | 94.00       | 19.54 | 100.4       | 20.92 | 112.4       | 23.86 | 124.8       | 26.76 |
|        | 18                              | 63.40                        | 13.26 | 75.80       | 15.80 | 87.80       | 18.56 | 94.00       | 19.94 | 100.4       | 21.30 | 112.4       | 24.26 | 124.8       | 27.24 |
|        | 20                              | 63.40                        | 13.46 | 75.80       | 16.10 | 87.80       | 18.86 | 94.00       | 20.32 | 100.4       | 21.80 | 112.4       | 24.84 | 124.8       | 28.28 |
|        | 21                              | 63.40                        | 13.64 | 75.80       | 16.20 | 87.80       | 19.04 | 94.00       | 20.52 | 100.4       | 22.00 | 112.4       | 25.24 | 124.8       | 28.88 |
|        | 23                              | 63.40                        | 13.84 | 75.80       | 16.60 | 87.80       | 19.44 | 94.00       | 21.20 | 100.4       | 23.08 | 112.4       | 27.00 | 124.8       | 30.48 |
|        | 25                              | 63.40                        | 14.04 | 75.80       | 17.18 | 87.80       | 20.72 | 94.00       | 22.68 | 100.4       | 24.64 | 112.4       | 28.86 | 124.8       | 31.96 |
|        | 27                              | 63.40                        | 14.82 | 75.80       | 18.36 | 87.80       | 22.10 | 94.00       | 24.06 | 100.4       | 26.32 | 112.4       | 30.82 | 124.8       | 33.98 |
|        | 29                              | 63.40                        | 15.80 | 75.80       | 19.44 | 87.80       | 23.46 | 94.00       | 25.62 | 100.4       | 27.98 | 112.4       | 32.90 | 124.8       | 36.40 |
|        | 31                              | 63.40                        | 16.78 | 75.80       | 20.72 | 87.80       | 25.04 | 94.00       | 27.40 | 100.4       | 29.84 | 112.4       | 35.06 | 124.8       | 38.62 |
|        | 33                              | 63.40                        | 17.78 | 75.80       | 21.90 | 87.80       | 26.60 | 94.00       | 29.06 | 100.4       | 31.72 | 112.4       | 37.30 | 124.8       | 41.12 |
|        | 35                              | 63.40                        | 18.76 | 75.80       | 23.38 | 87.80       | 28.28 | 94.00       | 30.92 | 100.4       | 33.78 | 112.4       | 39.76 | 124.8       | 43.60 |
|        | 37                              | 63.40                        | 19.94 | 75.80       | 24.76 | 87.80       | 30.04 | 94.00       | 32.90 | 100.4       | 35.94 | 112.4       | 42.32 | 124.8       | 46.02 |
|        | 39                              | 63.40                        | 21.16 | 75.80       | 26.40 | 87.80       | 32.12 | 94.00       | 35.38 | 100.4       | 38.82 | 112.4       | 45.28 | 124.8       | 49.60 |
|        | 41                              | 63.40                        | 24.26 | 75.80       | 29.98 | 87.80       | 36.54 | 94.00       | 40.24 | 100.4       | 43.76 | 112.4       | 51.58 | 124.8       | 55.48 |
|        | 43                              | 63.40                        | 27.36 | 75.80       | 33.86 | 87.80       | 41.30 | 94.00       | 45.46 | 100.4       | 49.50 | 112.4       | 58.38 | 124.8       | 62.16 |
|        | 46                              | 61.40                        | 31.90 | 73.40       | 39.94 | 85.00       | 48.82 | 91.00       | 53.14 | 97.20       | 58.56 | 108.8       | 69.10 | 120.8       | 72.70 |
|        | 48                              | 54.20                        | 28.14 | 65.00       | 35.26 | 75.20       | 43.14 | 80.60       | 46.94 | 86.00       | 51.78 | 96.20       | 61.10 | 106.8       | 63.60 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 47.20                        | 24.30 | 56.40       | 30.48 | 65.40       | 37.32 | 70.00       | 40.60 | 74.80       | 44.86 | 83.60       | 52.96 | 93.00       | 54.30 |
|        | 52                               | 40.20                        | 20.38 | 48.00       | 25.60 | 55.60       | 31.40 | 59.60       | 34.12 | 63.40       | 37.78 | 71.00       | 44.62 | 79.00       | 44.78 |
| 60     | 10                               | 54.20                        | 10.84 | 64.80       | 12.72 | 75.40       | 14.78 | 80.60       | 15.86 | 86.00       | 16.86 | 96.40       | 19.12 | 107.0       | 21.38 |
|        | 12                               | 54.20                        | 11.04 | 64.80       | 12.90 | 75.40       | 14.98 | 80.60       | 16.06 | 86.00       | 17.14 | 96.40       | 19.42 | 107.0       | 21.78 |
|        | 14                               | 54.20                        | 11.14 | 64.80       | 13.10 | 75.40       | 15.28 | 80.60       | 16.36 | 86.00       | 17.44 | 96.40       | 19.80 | 107.0       | 22.18 |
|        | 16                               | 54.20                        | 11.34 | 64.80       | 13.40 | 75.40       | 15.48 | 80.60       | 16.66 | 86.00       | 17.84 | 96.40       | 20.20 | 107.0       | 22.56 |
|        | 18                               | 54.20                        | 11.54 | 64.80       | 13.60 | 75.40       | 15.76 | 80.60       | 16.96 | 86.00       | 18.14 | 96.40       | 20.50 | 107.0       | 23.06 |
|        | 20                               | 54.20                        | 11.72 | 64.80       | 13.80 | 75.40       | 16.06 | 80.60       | 17.24 | 86.00       | 18.42 | 96.40       | 20.90 | 107.0       | 23.56 |
|        | 21                               | 54.20                        | 11.82 | 64.80       | 13.90 | 75.40       | 16.26 | 80.60       | 17.44 | 86.00       | 18.62 | 96.40       | 21.18 | 107.0       | 23.76 |
|        | 23                               | 54.20                        | 12.02 | 64.80       | 14.20 | 75.40       | 16.46 | 80.60       | 17.74 | 86.00       | 19.02 | 96.40       | 21.98 | 107.0       | 25.22 |
|        | 25                               | 54.20                        | 12.22 | 64.80       | 14.48 | 75.40       | 17.14 | 80.60       | 18.62 | 86.00       | 20.20 | 96.40       | 23.46 | 107.0       | 27.00 |
|        | 27                               | 54.20                        | 12.62 | 64.80       | 15.28 | 75.40       | 18.24 | 80.60       | 19.80 | 86.00       | 21.48 | 96.40       | 24.94 | 107.0       | 28.78 |
|        | 29                               | 54.20                        | 13.40 | 64.80       | 16.26 | 75.40       | 19.42 | 80.60       | 21.08 | 86.00       | 22.86 | 96.40       | 26.60 | 107.0       | 30.74 |
|        | 31                               | 54.20                        | 14.20 | 64.80       | 17.24 | 75.40       | 20.60 | 80.60       | 22.46 | 86.00       | 24.34 | 96.40       | 28.38 | 107.0       | 32.72 |
|        | 33                               | 54.20                        | 14.98 | 64.80       | 18.24 | 75.40       | 21.88 | 80.60       | 23.84 | 86.00       | 25.92 | 96.40       | 30.16 | 107.0       | 34.88 |
|        | 35                               | 54.20                        | 15.86 | 64.80       | 19.42 | 75.40       | 23.26 | 80.60       | 25.32 | 86.00       | 27.50 | 96.40       | 32.12 | 107.0       | 37.06 |
|        | 37                               | 54.20                        | 16.76 | 64.80       | 20.48 | 75.40       | 24.64 | 80.60       | 26.90 | 86.00       | 29.18 | 96.40       | 34.10 | 107.0       | 39.42 |
|        | 39                               | 54.20                        | 17.82 | 64.80       | 21.82 | 75.40       | 26.60 | 80.60       | 28.86 | 86.00       | 31.40 | 96.40       | 36.56 | 107.0       | 42.24 |
|        | 41                               | 54.20                        | 20.04 | 64.80       | 24.76 | 75.40       | 29.94 | 80.60       | 32.70 | 86.00       | 35.34 | 96.40       | 41.60 | 107.0       | 47.60 |
|        | 43                               | 54.20                        | 22.56 | 64.80       | 27.92 | 75.40       | 33.82 | 80.60       | 36.92 | 86.00       | 39.92 | 96.40       | 47.06 | 107.0       | 53.86 |
|        | 46                               | 52.60                        | 26.52 | 62.80       | 32.90 | 73.00       | 39.92 | 78.00       | 43.54 | 83.20       | 47.14 | 93.40       | 55.64 | 103.6       | 64.40 |
|        | 48                               | 46.40                        | 23.36 | 55.40       | 29.02 | 64.60       | 35.26 | 69.00       | 38.44 | 73.60       | 41.64 | 82.60       | 49.18 | 91.60       | 56.96 |
|        | 50                               | 40.40                        | 20.12 | 48.20       | 25.06 | 56.20       | 30.48 | 60.00       | 33.22 | 64.00       | 36.02 | 71.80       | 42.58 | 79.80       | 49.34 |
|        | 52                               | 34.40                        | 16.82 | 41.00       | 21.02 | 47.60       | 25.60 | 51.00       | 27.90 | 54.40       | 30.26 | 61.00       | 35.84 | 67.80       | 41.56 |
| 50     | 10                               | 45.40                        | 9.40  | 54.20       | 10.88 | 62.80       | 12.36 | 67.20       | 13.26 | 71.60       | 14.04 | 80.20       | 15.82 | 89.20       | 17.60 |
|        | 12                               | 45.40                        | 9.50  | 54.20       | 10.98 | 62.80       | 12.56 | 67.20       | 13.46 | 71.60       | 14.34 | 80.20       | 16.12 | 89.20       | 17.90 |
|        | 14                               | 45.40                        | 9.60  | 54.20       | 11.18 | 62.80       | 12.76 | 67.20       | 13.66 | 71.60       | 14.54 | 80.20       | 16.32 | 89.20       | 18.20 |
|        | 16                               | 45.40                        | 9.80  | 54.20       | 11.38 | 62.80       | 12.96 | 67.20       | 13.94 | 71.60       | 14.74 | 80.20       | 16.62 | 89.20       | 18.50 |
|        | 18                               | 45.40                        | 9.90  | 54.20       | 11.48 | 62.80       | 13.16 | 67.20       | 14.14 | 71.60       | 15.04 | 80.20       | 16.92 | 89.20       | 18.90 |
|        | 20                               | 45.40                        | 10.00 | 54.20       | 11.68 | 62.80       | 13.46 | 67.20       | 14.34 | 71.60       | 15.34 | 80.20       | 17.22 | 89.20       | 19.28 |
|        | 21                               | 45.40                        | 10.08 | 54.20       | 11.78 | 62.80       | 13.56 | 67.20       | 14.54 | 71.60       | 15.44 | 80.20       | 17.40 | 89.20       | 19.48 |
|        | 23                               | 45.40                        | 10.28 | 54.20       | 11.96 | 62.80       | 13.74 | 67.20       | 14.74 | 71.60       | 15.72 | 80.20       | 17.70 | 89.20       | 19.88 |
|        | 25                               | 45.40                        | 10.38 | 54.20       | 12.16 | 62.80       | 14.04 | 67.20       | 15.04 | 71.60       | 16.22 | 80.20       | 18.60 | 89.20       | 21.26 |
|        | 27                               | 45.40                        | 10.58 | 54.20       | 12.56 | 62.80       | 14.84 | 67.20       | 16.02 | 71.60       | 17.22 | 80.20       | 19.88 | 89.20       | 22.66 |
|        | 29                               | 45.40                        | 11.18 | 54.20       | 13.36 | 62.80       | 15.72 | 67.20       | 17.02 | 71.60       | 18.30 | 80.20       | 21.06 | 89.20       | 24.04 |
|        | 31                               | 45.40                        | 11.78 | 54.20       | 14.14 | 62.80       | 16.72 | 67.20       | 18.00 | 71.60       | 19.48 | 80.20       | 22.46 | 89.20       | 25.62 |
|        | 33                               | 45.40                        | 12.46 | 54.20       | 14.94 | 62.80       | 17.70 | 67.20       | 19.10 | 71.60       | 20.68 | 80.20       | 23.84 | 89.20       | 27.30 |
|        | 35                               | 45.40                        | 13.16 | 54.20       | 15.82 | 62.80       | 18.70 | 67.20       | 20.28 | 71.60       | 21.86 | 80.20       | 25.22 | 89.20       | 28.98 |
|        | 37                               | 45.40                        | 13.94 | 54.20       | 16.72 | 62.80       | 19.78 | 67.20       | 21.46 | 71.60       | 23.14 | 80.20       | 26.90 | 89.20       | 30.76 |
|        | 39                               | 45.40                        | 14.88 | 54.20       | 17.92 | 62.80       | 21.20 | 67.20       | 23.10 | 71.60       | 24.84 | 80.20       | 28.66 | 89.20       | 33.22 |
|        | 41                               | 45.40                        | 16.68 | 54.20       | 20.12 | 62.80       | 24.04 | 67.20       | 25.94 | 71.60       | 27.90 | 80.20       | 32.58 | 89.20       | 37.42 |
|        | 43                               | 45.40                        | 18.78 | 54.20       | 22.66 | 62.80       | 27.10 | 67.20       | 29.28 | 71.60       | 31.48 | 80.20       | 36.80 | 89.20       | 42.28 |
|        | 46                               | 44.00                        | 22.08 | 52.60       | 26.68 | 60.80       | 31.90 | 65.00       | 34.50 | 69.20       | 37.08 | 77.60       | 43.46 | 86.40       | 49.96 |
|        | 48                               | 38.80                        | 19.44 | 46.40       | 23.52 | 53.80       | 28.12 | 57.60       | 30.44 | 61.20       | 32.72 | 68.60       | 38.38 | 76.40       | 44.14 |
|        | 50                               | 33.80                        | 16.76 | 40.40       | 20.30 | 46.80       | 24.26 | 50.00       | 26.28 | 53.20       | 28.24 | 59.60       | 33.20 | 66.40       | 38.20 |
|        | 52                               | 28.80                        | 14.02 | 34.40       | 17.00 | 39.80       | 20.32 | 42.60       | 22.04 | 45.20       | 23.68 | 50.80       | 27.90 | 56.60       | 32.12 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM500LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 109.3                        | 11.07 | 138.0       | 15.34 | 168.9       | 22.31 | 182.0       | 25.85 | 196.6       | 30.41 | 209.0       | 34.49 | 218.8       | 37.82 |
|        | 12                         | 109.3                        | 12.09 | 138.0       | 16.91 | 168.9       | 24.37 | 182.0       | 28.21 | 196.6       | 33.16 | 209.0       | 37.30 | 218.8       | 40.35 |
|        | 14                         | 109.3                        | 12.78 | 138.0       | 18.47 | 168.9       | 26.72 | 182.0       | 30.92 | 196.6       | 35.69 | 209.0       | 39.80 | 218.8       | 43.25 |
|        | 16                         | 109.3                        | 13.59 | 138.0       | 20.29 | 168.9       | 29.25 | 182.0       | 33.55 | 196.6       | 38.51 | 209.0       | 42.79 | 218.8       | 46.37 |
|        | 18                         | 109.3                        | 14.96 | 138.0       | 22.19 | 168.9       | 31.81 | 182.0       | 36.44 | 196.6       | 41.65 | 209.0       | 45.99 | 218.5       | 49.18 |
|        | 20                         | 109.3                        | 16.51 | 138.0       | 24.33 | 168.9       | 34.68 | 182.0       | 39.44 | 196.6       | 44.56 | 209.0       | 48.79 | 218.1       | 51.43 |
|        | 21                         | 109.3                        | 17.38 | 138.0       | 25.58 | 168.9       | 36.05 | 182.0       | 40.90 | 196.6       | 45.80 | 209.0       | 49.97 | 217.9       | 52.58 |
|        | 23                         | 109.3                        | 19.20 | 138.0       | 28.13 | 168.9       | 38.88 | 182.0       | 43.49 | 196.6       | 48.76 | 209.0       | 52.48 | 217.4       | 55.19 |
|        | 25                         | 109.3                        | 21.40 | 138.0       | 30.67 | 168.9       | 41.59 | 182.0       | 46.25 | 196.6       | 51.41 | 208.6       | 55.40 | 216.8       | 57.73 |
|        | 27                         | 109.3                        | 23.55 | 138.0       | 32.86 | 168.9       | 44.23 | 182.0       | 49.34 | 196.6       | 54.37 | 208.1       | 58.11 | 216.3       | 60.56 |
|        | 29                         | 109.3                        | 25.40 | 138.0       | 35.08 | 168.9       | 47.41 | 182.0       | 52.48 | 196.6       | 57.60 | 207.5       | 61.10 | 215.6       | 63.70 |
|        | 31                         | 109.3                        | 27.10 | 138.0       | 37.58 | 168.9       | 50.42 | 182.0       | 55.59 | 196.6       | 60.84 | 206.8       | 64.43 | 215.0       | 67.23 |
|        | 33                         | 109.3                        | 28.97 | 138.0       | 40.06 | 168.9       | 53.61 | 182.0       | 59.01 | 195.9       | 64.23 | 205.2       | 67.76 | 207.1       | 68.35 |
|        | 35                         | 109.3                        | 30.88 | 138.0       | 42.74 | 168.9       | 56.96 | 182.0       | 62.68 | 193.9       | 67.41 | 195.0       | 67.75 | 195.6       | 67.88 |
|        | 37                         | 109.3                        | 32.93 | 138.0       | 45.64 | 168.9       | 60.63 | 180.6       | 65.72 | 181.1       | 65.91 | 181.0       | 65.88 | 180.9       | 65.88 |
|        | 39                         | 109.3                        | 35.11 | 138.0       | 48.19 | 167.8       | 61.84 | 167.8       | 61.84 | 167.8       | 61.88 | 167.8       | 61.86 | 167.8       | 61.84 |
|        | 41                         | 109.3                        | 37.44 | 138.0       | 50.26 | 155.1       | 57.39 | 155.1       | 57.40 | 155.1       | 57.37 | 154.9       | 57.30 | 155.1       | 57.35 |
|        | 43                         | 109.3                        | 39.70 | 138.0       | 52.09 | 142.8       | 53.75 | 142.7       | 53.73 | 142.7       | 53.70 | 142.7       | 53.68 | 142.5       | 53.66 |
|        | 46                         | 109.3                        | 42.84 | 125.3       | 49.35 | 125.2       | 49.33 | 125.1       | 49.29 | 125.2       | 49.29 | 125.0       | 49.25 | 125.0       | 49.25 |
|        | 48                         | 109.3                        | 45.43 | 114.2       | 47.42 | 114.1       | 47.38 | 114.1       | 47.38 | 114.3       | 47.46 | 114.0       | 47.36 | 114.1       | 47.36 |
|        | 50                         | 104.0                        | 45.13 | 103.7       | 45.08 | 103.6       | 44.99 | 103.6       | 45.01 | 103.5       | 44.99 | 103.5       | 44.96 | 103.5       | 44.97 |
|        | 52                         | 92.50                        | 40.42 | 93.30       | 39.79 | 93.60       | 38.33 | 93.70       | 38.04 | 93.60       | 37.69 | 93.70       | 37.42 | 93.80       | 37.22 |
| 120    | 10                         | 100.9                        | 10.15 | 127.5       | 13.54 | 155.9       | 19.02 | 168.0       | 22.03 | 181.4       | 25.64 | 193.0       | 29.12 | 202.0       | 32.20 |
|        | 12                         | 100.9                        | 11.03 | 127.5       | 14.89 | 155.9       | 20.99 | 168.0       | 24.11 | 181.4       | 28.04 | 193.0       | 31.92 | 202.0       | 34.94 |
|        | 14                         | 100.9                        | 11.53 | 127.5       | 16.23 | 155.9       | 23.04 | 168.0       | 26.45 | 181.4       | 30.74 | 193.0       | 34.62 | 202.0       | 37.49 |
|        | 16                         | 100.9                        | 12.08 | 127.5       | 17.62 | 155.9       | 25.17 | 168.0       | 28.93 | 181.4       | 33.34 | 193.0       | 37.20 | 202.0       | 40.40 |
|        | 18                         | 100.9                        | 13.14 | 127.5       | 19.33 | 155.9       | 27.63 | 168.0       | 31.50 | 181.4       | 36.15 | 193.0       | 40.30 | 202.0       | 43.51 |
|        | 20                         | 100.9                        | 14.51 | 127.5       | 21.28 | 155.9       | 30.15 | 168.0       | 34.36 | 181.4       | 39.07 | 193.0       | 43.35 | 202.0       | 46.36 |
|        | 21                         | 100.9                        | 15.24 | 127.5       | 22.28 | 155.9       | 31.48 | 168.0       | 35.73 | 181.4       | 40.58 | 193.0       | 44.72 | 202.0       | 47.88 |
|        | 23                         | 100.9                        | 16.94 | 127.5       | 24.68 | 155.9       | 34.19 | 168.0       | 38.55 | 181.4       | 43.28 | 193.0       | 47.44 | 202.0       | 50.37 |
|        | 25                         | 100.9                        | 18.87 | 127.5       | 27.12 | 155.9       | 36.79 | 168.0       | 41.40 | 181.4       | 46.02 | 193.0       | 50.26 | 202.0       | 53.15 |
|        | 27                         | 100.9                        | 21.05 | 127.5       | 29.28 | 155.9       | 39.55 | 168.0       | 43.89 | 181.4       | 49.16 | 193.0       | 53.07 | 202.0       | 56.26 |
|        | 29                         | 100.9                        | 22.93 | 127.5       | 31.26 | 155.9       | 42.21 | 168.0       | 47.00 | 181.4       | 52.29 | 193.0       | 56.47 | 201.7       | 59.21 |
|        | 31                         | 100.9                        | 24.52 | 127.5       | 33.47 | 155.9       | 44.88 | 168.0       | 49.98 | 181.4       | 55.40 | 193.0       | 59.63 | 201.0       | 62.38 |
|        | 33                         | 100.9                        | 26.13 | 127.5       | 35.67 | 155.9       | 47.74 | 168.0       | 53.21 | 181.4       | 58.80 | 192.9       | 63.11 | 200.4       | 65.91 |
|        | 35                         | 100.9                        | 27.86 | 127.5       | 38.05 | 155.9       | 50.86 | 168.0       | 56.51 | 181.4       | 62.49 | 192.2       | 66.77 | 194.7       | 67.70 |
|        | 37                         | 100.9                        | 29.71 | 127.5       | 40.59 | 155.9       | 54.25 | 168.0       | 60.15 | 180.5       | 65.65 | 181.1       | 65.92 | 181.0       | 65.87 |
|        | 39                         | 100.9                        | 31.68 | 127.5       | 43.32 | 155.9       | 56.43 | 167.6       | 61.63 | 168.0       | 61.91 | 167.8       | 61.87 | 167.8       | 61.88 |
|        | 41                         | 100.9                        | 33.77 | 127.5       | 45.60 | 155.3       | 57.43 | 155.1       | 57.39 | 155.0       | 57.34 | 155.0       | 57.34 | 155.0       | 57.32 |
|        | 43                         | 100.9                        | 36.03 | 127.5       | 47.51 | 142.9       | 53.80 | 142.9       | 53.75 | 142.7       | 53.71 | 142.7       | 53.69 | 142.7       | 53.72 |
|        | 46                         | 100.9                        | 39.39 | 125.3       | 49.38 | 125.2       | 49.31 | 125.2       | 49.31 | 125.1       | 49.28 | 125.0       | 49.26 | 125.1       | 49.25 |
|        | 48                         | 100.9                        | 41.67 | 114.2       | 47.43 | 114.2       | 47.42 | 114.2       | 47.43 | 114.0       | 47.38 | 114.0       | 47.35 | 114.0       | 47.33 |
|        | 50                         | 100.9                        | 43.98 | 103.8       | 45.07 | 103.6       | 45.01 | 103.6       | 45.01 | 103.6       | 45.02 | 103.4       | 44.93 | 103.6       | 44.96 |
|        | 52                         | 92.30                        | 40.32 | 93.00       | 40.40 | 93.70       | 38.94 | 93.60       | 38.65 | 93.80       | 38.34 | 93.80       | 38.09 | 93.70       | 37.94 |
| 110    | 10                         | 92.50                        | 9.38  | 116.8       | 12.02 | 143.0       | 16.26 | 153.9       | 18.57 | 166.3       | 21.60 | 176.8       | 24.41 | 185.0       | 26.78 |
|        | 12                         | 92.50                        | 10.10 | 116.8       | 13.16 | 143.0       | 17.94 | 153.9       | 20.48 | 166.3       | 23.62 | 176.8       | 26.67 | 185.0       | 29.22 |
|        | 14                         | 92.50                        | 10.41 | 116.8       | 14.10 | 143.0       | 19.66 | 153.9       | 22.48 | 166.3       | 25.95 | 176.8       | 29.22 | 185.0       | 32.09 |
|        | 16                         | 92.50                        | 10.72 | 116.8       | 15.22 | 143.0       | 21.56 | 153.9       | 24.61 | 166.3       | 28.36 | 176.8       | 31.78 | 185.0       | 34.65 |
|        | 18                         | 92.50                        | 11.52 | 116.8       | 16.68 | 143.0       | 23.69 | 153.9       | 27.02 | 166.3       | 30.88 | 176.8       | 34.60 | 185.0       | 37.54 |
|        | 20                         | 92.50                        | 12.66 | 116.8       | 18.42 | 143.0       | 25.94 | 153.9       | 29.57 | 166.3       | 33.66 | 176.8       | 37.51 | 185.0       | 40.57 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 92.50                        | 13.33 | 116.8       | 19.30 | 143.0       | 27.17 | 153.9       | 30.85 | 166.3       | 35.15 | 176.8       | 38.91 | 185.0       | 42.03 |
|        | 23                               | 92.50                        | 14.78 | 116.8       | 21.41 | 143.0       | 29.78 | 153.9       | 33.48 | 166.3       | 37.93 | 176.8       | 41.75 | 185.0       | 44.62 |
|        | 25                               | 92.50                        | 16.57 | 116.8       | 23.62 | 143.0       | 32.24 | 153.9       | 36.09 | 166.3       | 40.58 | 176.8       | 44.41 | 185.0       | 47.43 |
|        | 27                               | 92.50                        | 18.48 | 116.8       | 25.97 | 143.0       | 34.60 | 153.9       | 38.58 | 166.3       | 43.40 | 176.8       | 47.28 | 185.0       | 50.45 |
|        | 29                               | 92.50                        | 20.44 | 116.8       | 27.71 | 143.0       | 36.92 | 153.9       | 41.44 | 166.3       | 46.35 | 176.8       | 50.61 | 185.0       | 53.46 |
|        | 31                               | 92.50                        | 21.99 | 116.8       | 29.59 | 143.0       | 39.59 | 153.9       | 44.05 | 166.3       | 49.26 | 176.8       | 53.61 | 185.0       | 56.85 |
|        | 33                               | 92.50                        | 23.50 | 116.8       | 31.62 | 143.0       | 42.21 | 153.9       | 46.87 | 166.3       | 52.47 | 176.8       | 56.88 | 185.0       | 60.29 |
|        | 35                               | 92.50                        | 25.04 | 116.8       | 33.72 | 143.0       | 44.96 | 153.9       | 49.92 | 166.3       | 55.81 | 176.8       | 60.49 | 185.0       | 63.94 |
|        | 37                               | 92.50                        | 26.69 | 116.8       | 35.95 | 143.0       | 47.88 | 153.9       | 53.24 | 166.3       | 59.38 | 176.8       | 64.45 | 181.1       | 65.90 |
|        | 39                               | 92.50                        | 28.47 | 116.8       | 38.34 | 143.0       | 50.55 | 153.9       | 55.56 | 166.3       | 61.03 | 167.9       | 61.88 | 167.9       | 61.85 |
|        | 41                               | 92.50                        | 30.35 | 116.8       | 40.78 | 143.0       | 52.34 | 153.9       | 56.95 | 155.3       | 57.40 | 155.0       | 57.36 | 155.0       | 57.37 |
|        | 43                               | 92.50                        | 32.38 | 116.8       | 43.10 | 142.8       | 53.72 | 142.9       | 53.80 | 142.9       | 53.76 | 142.6       | 53.70 | 142.7       | 53.70 |
|        | 46                               | 92.50                        | 35.67 | 116.8       | 46.06 | 125.2       | 49.36 | 125.2       | 49.33 | 125.1       | 49.31 | 125.1       | 49.30 | 125.0       | 49.26 |
|        | 48                               | 92.50                        | 37.89 | 114.3       | 47.49 | 114.2       | 47.46 | 114.1       | 47.41 | 114.2       | 47.40 | 114.1       | 47.40 | 114.1       | 47.38 |
|        | 50                               | 92.50                        | 40.10 | 103.9       | 45.12 | 103.7       | 45.06 | 103.6       | 45.02 | 103.6       | 45.03 | 103.5       | 44.98 | 103.6       | 44.99 |
| 100    | 52                               | 92.00                        | 40.62 | 92.60       | 40.47 | 93.50       | 39.67 | 93.60       | 39.39 | 93.80       | 39.10 | 93.60       | 38.81 | 93.70       | 38.43 |
|        | 10                               | 84.10                        | 8.69  | 106.2       | 10.72 | 130.0       | 13.94 | 140.0       | 15.69 | 151.2       | 17.96 | 160.8       | 20.19 | 168.3       | 22.07 |
|        | 12                               | 84.10                        | 9.23  | 106.2       | 11.68 | 130.0       | 15.35 | 140.0       | 17.29 | 151.2       | 19.82 | 160.8       | 22.26 | 168.3       | 24.19 |
|        | 14                               | 84.10                        | 9.42  | 106.2       | 12.31 | 130.0       | 16.71 | 140.0       | 19.00 | 151.2       | 21.85 | 160.8       | 24.36 | 168.3       | 26.52 |
|        | 16                               | 84.10                        | 9.55  | 106.2       | 13.04 | 130.0       | 18.20 | 140.0       | 20.80 | 151.2       | 23.82 | 160.8       | 26.75 | 168.3       | 29.15 |
|        | 18                               | 84.10                        | 10.08 | 106.2       | 14.31 | 130.0       | 19.96 | 140.0       | 22.70 | 151.2       | 26.16 | 160.8       | 29.09 | 168.3       | 31.58 |
|        | 20                               | 84.10                        | 11.03 | 106.2       | 15.74 | 130.0       | 22.00 | 140.0       | 24.98 | 151.2       | 28.56 | 160.8       | 31.75 | 168.3       | 34.39 |
|        | 21                               | 84.10                        | 11.57 | 106.2       | 16.51 | 130.0       | 23.05 | 140.0       | 26.25 | 151.2       | 29.92 | 160.8       | 33.23 | 168.3       | 35.84 |
|        | 23                               | 84.10                        | 12.85 | 106.2       | 18.26 | 130.0       | 25.44 | 140.0       | 28.81 | 151.2       | 32.55 | 160.8       | 35.92 | 168.3       | 38.64 |
|        | 25                               | 84.10                        | 14.33 | 106.2       | 20.45 | 130.0       | 27.94 | 140.0       | 31.27 | 151.2       | 35.11 | 160.8       | 38.60 | 168.3       | 41.32 |
|        | 27                               | 84.10                        | 16.05 | 106.2       | 22.66 | 130.0       | 30.08 | 140.0       | 33.55 | 151.2       | 37.70 | 160.8       | 41.52 | 168.3       | 44.14 |
|        | 29                               | 84.10                        | 18.00 | 106.2       | 24.42 | 130.0       | 32.11 | 140.0       | 35.79 | 151.2       | 40.28 | 160.8       | 44.11 | 168.3       | 47.14 |
|        | 31                               | 84.10                        | 19.68 | 106.2       | 26.15 | 130.0       | 34.42 | 140.0       | 38.35 | 151.2       | 42.94 | 160.8       | 46.89 | 168.3       | 50.13 |
|        | 33                               | 84.10                        | 21.03 | 106.2       | 27.88 | 130.0       | 36.68 | 140.0       | 40.88 | 151.2       | 45.67 | 160.8       | 49.90 | 168.3       | 53.36 |
| 90     | 35                               | 84.10                        | 22.41 | 106.2       | 29.73 | 130.0       | 39.11 | 140.0       | 43.58 | 151.2       | 48.65 | 160.8       | 53.19 | 168.3       | 56.67 |
|        | 37                               | 84.10                        | 23.88 | 106.2       | 31.69 | 130.0       | 41.73 | 140.0       | 46.49 | 151.2       | 51.86 | 160.8       | 56.80 | 168.3       | 60.31 |
|        | 39                               | 84.10                        | 25.46 | 106.2       | 33.80 | 130.0       | 44.44 | 140.0       | 49.10 | 151.2       | 54.40 | 160.8       | 58.56 | 167.7       | 61.70 |
|        | 41                               | 84.10                        | 27.16 | 106.2       | 36.04 | 130.0       | 46.79 | 140.0       | 51.06 | 151.2       | 55.94 | 155.1       | 57.39 | 155.2       | 57.41 |
|        | 43                               | 84.10                        | 28.96 | 106.2       | 38.32 | 130.0       | 48.58 | 140.0       | 52.67 | 142.7       | 53.75 | 142.9       | 53.76 | 142.9       | 53.75 |
|        | 46                               | 84.10                        | 31.91 | 106.2       | 41.49 | 125.2       | 49.36 | 125.3       | 49.35 | 125.3       | 49.32 | 125.3       | 49.32 | 125.2       | 49.30 |
|        | 48                               | 84.10                        | 34.03 | 106.2       | 44.01 | 114.3       | 47.47 | 114.2       | 47.44 | 114.2       | 47.42 | 114.2       | 47.41 | 114.2       | 47.42 |
|        | 50                               | 84.10                        | 36.32 | 103.9       | 45.10 | 103.7       | 45.07 | 103.7       | 45.06 | 103.6       | 45.01 | 103.6       | 45.00 | 103.6       | 44.99 |
|        | 52                               | 84.10                        | 37.42 | 92.40       | 40.37 | 92.90       | 40.45 | 93.20       | 40.01 | 93.60       | 39.58 | 93.80       | 39.15 | 93.80       | 38.79 |
|        | 10                               | 75.80                        | 8.07  | 95.50       | 9.65  | 117.0       | 12.02 | 125.9       | 13.32 | 136.1       | 14.99 | 144.7       | 16.60 | 151.4       | 18.02 |
|        | 12                               | 75.80                        | 8.32  | 95.50       | 10.43 | 117.0       | 13.18 | 125.9       | 14.64 | 136.1       | 16.51 | 144.7       | 18.32 | 151.4       | 19.89 |
|        | 14                               | 75.80                        | 8.42  | 95.50       | 10.80 | 117.0       | 14.10 | 125.9       | 15.93 | 136.1       | 18.03 | 144.7       | 20.10 | 151.4       | 21.85 |
|        | 16                               | 75.80                        | 8.62  | 95.50       | 11.16 | 117.0       | 15.24 | 125.9       | 17.29 | 136.1       | 19.78 | 144.7       | 22.07 | 151.4       | 23.92 |
|        | 18                               | 75.80                        | 8.82  | 95.50       | 12.13 | 117.0       | 16.70 | 125.9       | 18.91 | 136.1       | 21.63 | 144.7       | 24.18 | 151.4       | 26.12 |
|        | 20                               | 75.80                        | 9.57  | 95.50       | 13.34 | 117.0       | 18.43 | 125.9       | 20.87 | 136.1       | 23.76 | 144.7       | 26.47 | 151.4       | 28.71 |
|        | 21                               | 75.80                        | 10.03 | 95.50       | 14.01 | 117.0       | 19.33 | 125.9       | 21.88 | 136.1       | 24.93 | 144.7       | 27.77 | 151.4       | 29.92 |
|        | 23                               | 75.80                        | 11.11 | 95.50       | 15.55 | 117.0       | 21.43 | 125.9       | 24.29 | 136.1       | 27.47 | 144.7       | 30.39 | 151.4       | 32.61 |
|        | 25                               | 75.80                        | 12.38 | 95.50       | 17.34 | 117.0       | 23.74 | 125.9       | 26.71 | 136.1       | 30.01 | 144.7       | 33.01 | 151.4       | 35.27 |
|        | 27                               | 75.80                        | 13.84 | 95.50       | 19.41 | 117.0       | 26.01 | 125.9       | 28.82 | 136.1       | 32.17 | 144.7       | 35.23 | 151.4       | 37.78 |
|        | 29                               | 75.80                        | 15.66 | 95.50       | 21.42 | 117.0       | 27.79 | 125.9       | 30.77 | 136.1       | 34.35 | 144.7       | 37.64 | 151.4       | 40.36 |
|        | 31                               | 75.80                        | 17.42 | 95.50       | 22.87 | 117.0       | 29.72 | 125.9       | 32.92 | 136.1       | 36.79 | 144.7       | 40.21 | 151.4       | 43.05 |
|        | 33                               | 75.80                        | 18.73 | 95.50       | 24.44 | 117.0       | 31.68 | 125.9       | 35.10 | 136.1       | 39.23 | 144.7       | 42.95 | 151.4       | 45.80 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 75.80                        | 19.94 | 95.50       | 26.05 | 117.0       | 33.77 | 125.9       | 37.42 | 136.1       | 41.83 | 144.7       | 45.72 | 151.4       | 48.76 |
|        | 37                              | 75.80                        | 21.25 | 95.50       | 27.77 | 117.0       | 36.01 | 125.9       | 39.90 | 136.1       | 44.66 | 144.7       | 48.71 | 151.4       | 51.98 |
|        | 39                              | 75.80                        | 22.66 | 95.50       | 29.61 | 117.0       | 38.41 | 125.9       | 42.60 | 136.1       | 47.25 | 144.7       | 51.43 | 151.4       | 54.51 |
|        | 41                              | 75.80                        | 24.16 | 95.50       | 31.57 | 117.0       | 40.84 | 125.9       | 44.90 | 136.1       | 49.44 | 144.7       | 53.10 | 151.4       | 56.05 |
|        | 43                              | 75.80                        | 25.78 | 95.50       | 33.67 | 117.0       | 43.16 | 125.9       | 46.88 | 136.1       | 51.22 | 142.9       | 53.77 | 142.8       | 53.75 |
|        | 46                              | 75.80                        | 28.40 | 95.50       | 36.96 | 117.0       | 46.13 | 125.2       | 49.35 | 125.3       | 49.35 | 125.2       | 49.34 | 125.3       | 49.34 |
|        | 48                              | 75.80                        | 30.30 | 95.50       | 39.33 | 114.4       | 47.51 | 114.2       | 47.46 | 114.2       | 47.43 | 114.2       | 47.42 | 114.2       | 47.41 |
|        | 50                              | 75.80                        | 32.33 | 95.50       | 41.50 | 103.9       | 45.12 | 103.8       | 45.11 | 103.7       | 45.06 | 103.7       | 45.04 | 103.7       | 45.03 |
|        | 52                              | 75.80                        | 34.15 | 92.20       | 40.24 | 92.70       | 40.62 | 93.00       | 40.47 | 93.40       | 39.98 | 93.60       | 39.55 | 93.80       | 39.21 |
| 80     | 10                              | 67.20                        | 7.20  | 85.00       | 8.76  | 103.9       | 10.48 | 112.0       | 11.40 | 120.9       | 12.57 | 128.6       | 13.73 | 134.7       | 14.73 |
|        | 12                              | 67.20                        | 7.49  | 85.00       | 9.32  | 103.9       | 11.40 | 112.0       | 12.45 | 120.9       | 13.80 | 128.6       | 15.11 | 134.7       | 16.23 |
|        | 14                              | 67.20                        | 7.60  | 85.00       | 9.48  | 103.9       | 12.00 | 112.0       | 13.24 | 120.9       | 14.83 | 128.6       | 16.46 | 134.7       | 17.72 |
|        | 16                              | 67.20                        | 7.70  | 85.00       | 9.68  | 103.9       | 12.65 | 112.0       | 14.15 | 120.9       | 16.14 | 128.6       | 17.91 | 134.7       | 19.42 |
|        | 18                              | 67.20                        | 7.87  | 85.00       | 10.21 | 103.9       | 13.79 | 112.0       | 15.58 | 120.9       | 17.65 | 128.6       | 19.61 | 134.7       | 21.23 |
|        | 20                              | 67.20                        | 8.28  | 85.00       | 11.22 | 103.9       | 15.18 | 112.0       | 17.16 | 120.9       | 19.45 | 128.6       | 21.56 | 134.7       | 23.38 |
|        | 21                              | 67.20                        | 8.61  | 85.00       | 11.72 | 103.9       | 16.01 | 112.0       | 18.02 | 120.9       | 20.44 | 128.6       | 22.69 | 134.7       | 24.52 |
|        | 23                              | 67.20                        | 9.52  | 85.00       | 13.05 | 103.9       | 17.70 | 112.0       | 20.01 | 120.9       | 22.64 | 128.6       | 25.03 | 134.7       | 26.98 |
|        | 25                              | 67.20                        | 10.55 | 85.00       | 14.52 | 103.9       | 19.77 | 112.0       | 22.16 | 120.9       | 25.03 | 128.6       | 27.58 | 134.7       | 29.47 |
|        | 27                              | 67.20                        | 11.85 | 85.00       | 16.28 | 103.9       | 21.99 | 112.0       | 24.36 | 120.9       | 27.21 | 128.6       | 29.66 | 134.7       | 31.67 |
|        | 29                              | 67.20                        | 13.38 | 85.00       | 18.26 | 103.9       | 23.78 | 112.0       | 26.20 | 120.9       | 29.06 | 128.6       | 31.67 | 134.7       | 33.81 |
|        | 31                              | 67.20                        | 15.09 | 85.00       | 19.90 | 103.9       | 25.39 | 112.0       | 27.95 | 120.9       | 31.04 | 128.6       | 33.92 | 134.7       | 36.22 |
|        | 33                              | 67.20                        | 16.60 | 85.00       | 21.27 | 103.9       | 27.14 | 112.0       | 29.88 | 120.9       | 33.17 | 128.6       | 36.15 | 134.7       | 38.61 |
|        | 35                              | 67.20                        | 17.66 | 85.00       | 22.66 | 103.9       | 28.92 | 112.0       | 31.84 | 120.9       | 35.36 | 128.6       | 38.55 | 134.7       | 41.18 |
|        | 37                              | 67.20                        | 18.80 | 85.00       | 24.15 | 103.9       | 30.85 | 112.0       | 33.96 | 120.9       | 37.71 | 128.6       | 41.12 | 134.7       | 43.96 |
|        | 39                              | 67.20                        | 20.04 | 85.00       | 25.75 | 103.9       | 32.88 | 112.0       | 36.21 | 120.9       | 40.23 | 128.6       | 43.91 | 134.7       | 46.58 |
|        | 41                              | 67.20                        | 21.37 | 85.00       | 27.47 | 103.9       | 35.07 | 112.0       | 38.64 | 120.9       | 42.62 | 128.6       | 46.17 | 134.7       | 48.83 |
|        | 43                              | 67.20                        | 22.79 | 85.00       | 29.29 | 103.9       | 37.41 | 112.0       | 40.86 | 120.9       | 44.80 | 128.6       | 48.02 | 134.7       | 50.59 |
|        | 46                              | 67.20                        | 25.13 | 85.00       | 32.27 | 103.9       | 40.55 | 112.0       | 43.96 | 120.9       | 47.64 | 125.2       | 49.33 | 125.2       | 49.33 |
|        | 48                              | 67.20                        | 26.83 | 85.00       | 34.43 | 103.9       | 43.00 | 112.0       | 46.63 | 114.2       | 47.45 | 114.2       | 47.45 | 114.2       | 47.41 |
|        | 50                              | 67.20                        | 28.64 | 85.00       | 36.73 | 103.5       | 44.96 | 103.9       | 45.11 | 103.7       | 45.07 | 103.8       | 45.06 | 103.7       | 45.04 |
|        | 52                              | 67.20                        | 30.56 | 85.00       | 37.81 | 92.40       | 40.37 | 92.70       | 40.48 | 93.00       | 40.54 | 93.20       | 40.08 | 93.50       | 39.75 |
| 70     | 10                              | 58.90                        | 5.89  | 74.30       | 7.99  | 90.90       | 9.24  | 98.00       | 9.88  | 105.8       | 10.68 | 112.5       | 11.47 | 117.8       | 12.14 |
|        | 12                              | 58.90                        | 6.76  | 74.30       | 8.19  | 90.90       | 9.95  | 98.00       | 10.70 | 105.8       | 11.64 | 112.5       | 12.54 | 117.8       | 13.31 |
|        | 14                              | 58.90                        | 6.81  | 74.30       | 8.33  | 90.90       | 10.20 | 98.00       | 11.11 | 105.8       | 12.27 | 112.5       | 13.35 | 117.8       | 14.32 |
|        | 16                              | 58.90                        | 6.90  | 74.30       | 8.44  | 90.90       | 10.52 | 98.00       | 11.60 | 105.8       | 12.97 | 112.5       | 14.24 | 117.8       | 15.41 |
|        | 18                              | 58.90                        | 6.97  | 74.30       | 8.72  | 90.90       | 11.25 | 98.00       | 12.57 | 105.8       | 14.16 | 112.5       | 15.66 | 117.8       | 16.88 |
|        | 20                              | 58.90                        | 7.18  | 74.30       | 9.37  | 90.90       | 12.37 | 98.00       | 13.86 | 105.8       | 15.62 | 112.5       | 17.22 | 117.8       | 18.63 |
|        | 21                              | 58.90                        | 7.44  | 74.30       | 9.81  | 90.90       | 12.97 | 98.00       | 14.57 | 105.8       | 16.42 | 112.5       | 18.16 | 117.8       | 19.57 |
|        | 23                              | 58.90                        | 8.13  | 74.30       | 10.85 | 90.90       | 14.40 | 98.00       | 16.18 | 105.8       | 18.24 | 112.5       | 20.10 | 117.8       | 21.69 |
|        | 25                              | 58.90                        | 8.99  | 74.30       | 12.10 | 90.90       | 16.14 | 98.00       | 18.05 | 105.8       | 20.27 | 112.5       | 22.39 | 117.8       | 23.98 |
|        | 27                              | 58.90                        | 10.00 | 74.30       | 13.54 | 90.90       | 18.06 | 98.00       | 20.15 | 105.8       | 22.51 | 112.5       | 24.57 | 117.8       | 26.23 |
|        | 29                              | 58.90                        | 11.29 | 74.30       | 15.33 | 90.90       | 20.08 | 98.00       | 22.10 | 105.8       | 24.34 | 112.5       | 26.35 | 117.8       | 28.03 |
|        | 31                              | 58.90                        | 12.83 | 74.30       | 17.11 | 90.90       | 21.61 | 98.00       | 23.63 | 105.8       | 25.98 | 112.5       | 28.22 | 117.8       | 30.01 |
|        | 33                              | 58.90                        | 14.43 | 74.30       | 18.38 | 90.90       | 23.02 | 98.00       | 25.18 | 105.8       | 27.76 | 112.5       | 30.09 | 117.8       | 31.99 |
|        | 35                              | 58.90                        | 15.55 | 74.30       | 19.56 | 90.90       | 24.54 | 98.00       | 26.84 | 105.8       | 29.59 | 112.5       | 32.06 | 117.8       | 34.10 |
|        | 37                              | 58.90                        | 16.54 | 74.30       | 20.84 | 90.90       | 26.16 | 98.00       | 28.62 | 105.8       | 31.56 | 112.5       | 34.19 | 117.8       | 36.37 |
|        | 39                              | 58.90                        | 17.60 | 74.30       | 22.22 | 90.90       | 27.90 | 98.00       | 30.52 | 105.8       | 33.65 | 112.5       | 36.46 | 117.8       | 38.79 |
|        | 41                              | 58.90                        | 18.76 | 74.30       | 23.69 | 90.90       | 29.74 | 98.00       | 32.55 | 105.8       | 35.89 | 112.5       | 38.92 | 117.8       | 41.21 |
|        | 43                              | 58.90                        | 20.03 | 74.30       | 25.27 | 90.90       | 31.72 | 98.00       | 34.71 | 105.8       | 38.16 | 112.5       | 41.13 | 117.8       | 43.55 |
|        | 46                              | 58.90                        | 22.08 | 74.30       | 27.85 | 90.90       | 34.95 | 98.00       | 38.04 | 105.8       | 41.35 | 112.5       | 44.21 | 117.8       | 46.50 |
|        | 48                              | 58.90                        | 23.58 | 74.30       | 29.72 | 90.90       | 37.18 | 98.00       | 40.47 | 105.8       | 43.85 | 112.5       | 46.90 | 114.3       | 47.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 58.90                        | 25.20 | 74.30       | 31.71 | 90.90       | 39.52 | 98.00       | 42.59 | 103.9       | 45.11 | 103.9       | 45.09 | 103.7       | 45.09 |
|        | 52                         | 58.90                        | 26.90 | 74.30       | 33.52 | 90.90       | 40.57 | 92.30       | 40.31 | 92.60       | 40.42 | 92.90       | 40.55 | 93.00       | 40.45 |
| 60     | 10                         | 50.50                        | 4.69  | 63.70       | 6.63  | 78.00       | 8.27  | 84.00       | 8.69  | 90.80       | 9.21  | 96.50       | 9.73  | 100.9       | 10.18 |
|        | 12                         | 50.50                        | 6.03  | 63.70       | 7.15  | 78.00       | 8.53  | 84.00       | 9.21  | 90.80       | 9.93  | 96.50       | 10.53 | 100.9       | 11.04 |
|        | 14                         | 50.50                        | 6.10  | 63.70       | 7.26  | 78.00       | 8.73  | 84.00       | 9.42  | 90.80       | 10.21 | 96.50       | 10.93 | 100.9       | 11.53 |
|        | 16                         | 50.50                        | 6.15  | 63.70       | 7.34  | 78.00       | 8.86  | 84.00       | 9.55  | 90.80       | 10.49 | 96.50       | 11.32 | 100.9       | 12.12 |
|        | 18                         | 50.50                        | 6.23  | 63.70       | 7.48  | 78.00       | 9.17  | 84.00       | 10.08 | 90.80       | 11.21 | 96.50       | 12.28 | 100.9       | 13.13 |
|        | 20                         | 50.50                        | 6.31  | 63.70       | 7.78  | 78.00       | 9.94  | 84.00       | 11.02 | 90.80       | 12.34 | 96.50       | 13.51 | 100.9       | 14.57 |
|        | 21                         | 50.50                        | 6.40  | 63.70       | 8.12  | 78.00       | 10.46 | 84.00       | 11.55 | 90.80       | 12.97 | 96.50       | 14.21 | 100.9       | 15.31 |
|        | 23                         | 50.50                        | 6.88  | 63.70       | 8.94  | 78.00       | 11.58 | 84.00       | 12.85 | 90.80       | 14.40 | 96.50       | 15.74 | 100.9       | 16.95 |
|        | 25                         | 50.50                        | 7.55  | 63.70       | 9.88  | 78.00       | 12.90 | 84.00       | 14.32 | 90.80       | 16.00 | 96.50       | 17.64 | 100.9       | 18.88 |
|        | 27                         | 50.50                        | 8.36  | 63.70       | 11.01 | 78.00       | 14.41 | 84.00       | 16.05 | 90.80       | 17.96 | 96.50       | 19.69 | 100.9       | 21.03 |
|        | 29                         | 50.50                        | 9.40  | 63.70       | 12.46 | 78.00       | 16.27 | 84.00       | 17.98 | 90.80       | 19.95 | 96.50       | 21.71 | 100.9       | 22.94 |
|        | 31                         | 50.50                        | 10.71 | 63.70       | 14.16 | 78.00       | 18.08 | 84.00       | 19.64 | 90.80       | 21.48 | 96.50       | 23.19 | 100.9       | 24.53 |
|        | 33                         | 50.50                        | 12.23 | 63.70       | 15.70 | 78.00       | 19.33 | 84.00       | 20.98 | 90.80       | 22.96 | 96.50       | 24.71 | 100.9       | 26.16 |
|        | 35                         | 50.50                        | 13.42 | 63.70       | 16.75 | 78.00       | 20.58 | 84.00       | 22.37 | 90.80       | 24.47 | 96.50       | 26.34 | 100.9       | 27.88 |
|        | 37                         | 50.50                        | 14.27 | 63.70       | 17.81 | 78.00       | 21.94 | 84.00       | 23.83 | 90.80       | 26.07 | 96.50       | 28.08 | 100.9       | 29.72 |
|        | 39                         | 50.50                        | 15.31 | 63.70       | 18.99 | 78.00       | 23.40 | 84.00       | 25.41 | 90.80       | 27.81 | 96.50       | 29.95 | 100.9       | 31.69 |
|        | 41                         | 50.50                        | 16.32 | 63.70       | 20.23 | 78.00       | 24.95 | 84.00       | 27.11 | 90.80       | 29.65 | 96.50       | 31.93 | 100.9       | 33.79 |
|        | 43                         | 50.50                        | 17.42 | 63.70       | 21.59 | 78.00       | 26.61 | 84.00       | 28.91 | 90.80       | 31.62 | 96.50       | 34.06 | 100.9       | 36.05 |
|        | 46                         | 50.50                        | 19.25 | 63.70       | 23.81 | 78.00       | 29.33 | 84.00       | 31.84 | 90.80       | 34.83 | 96.50       | 37.37 | 100.9       | 39.41 |
|        | 48                         | 50.50                        | 20.56 | 63.70       | 25.42 | 78.00       | 31.28 | 84.00       | 33.97 | 90.80       | 37.06 | 96.50       | 39.75 | 100.9       | 41.68 |
|        | 50                         | 50.50                        | 21.98 | 63.70       | 27.15 | 78.00       | 33.37 | 84.00       | 36.24 | 90.80       | 39.40 | 96.50       | 41.91 | 100.9       | 43.99 |
|        | 52                         | 50.50                        | 23.50 | 63.70       | 28.98 | 78.00       | 35.21 | 84.00       | 37.35 | 90.80       | 40.46 | 92.20       | 40.28 | 92.40       | 40.36 |
| 50     | 10                         | 42.00                        | 3.88  | 53.00       | 5.04  | 65.00       | 6.82  | 70.00       | 7.54  | 75.50       | 8.06  | 80.40       | 8.43  | 84.20       | 8.69  |
|        | 12                         | 42.00                        | 5.35  | 53.00       | 6.25  | 65.00       | 7.25  | 70.00       | 7.77  | 75.50       | 8.32  | 80.40       | 8.82  | 84.20       | 9.23  |
|        | 14                         | 42.00                        | 5.46  | 53.00       | 6.33  | 65.00       | 7.37  | 70.00       | 7.88  | 75.50       | 8.43  | 80.40       | 8.97  | 84.20       | 9.44  |
|        | 16                         | 42.00                        | 5.51  | 53.00       | 6.41  | 65.00       | 7.47  | 70.00       | 7.96  | 75.50       | 8.59  | 80.40       | 9.11  | 84.20       | 9.58  |
|        | 18                         | 42.00                        | 5.56  | 53.00       | 6.50  | 65.00       | 7.58  | 70.00       | 8.16  | 75.50       | 8.83  | 80.40       | 9.55  | 84.20       | 10.09 |
|        | 20                         | 42.00                        | 5.63  | 53.00       | 6.61  | 65.00       | 7.92  | 70.00       | 8.65  | 75.50       | 9.54  | 80.40       | 10.39 | 84.20       | 11.11 |
|        | 21                         | 42.00                        | 5.65  | 53.00       | 6.72  | 65.00       | 8.32  | 70.00       | 9.10  | 75.50       | 10.05 | 80.40       | 10.93 | 84.20       | 11.57 |
|        | 23                         | 42.00                        | 5.89  | 53.00       | 7.28  | 65.00       | 9.11  | 70.00       | 10.00 | 75.50       | 11.08 | 80.40       | 12.12 | 84.20       | 12.90 |
|        | 25                         | 42.00                        | 6.33  | 53.00       | 8.00  | 65.00       | 10.13 | 70.00       | 11.11 | 75.50       | 12.29 | 80.40       | 13.42 | 84.20       | 14.38 |
|        | 27                         | 42.00                        | 6.98  | 53.00       | 8.88  | 65.00       | 11.27 | 70.00       | 12.47 | 75.50       | 13.82 | 80.40       | 15.08 | 84.20       | 16.09 |
|        | 29                         | 42.00                        | 7.78  | 53.00       | 10.02 | 65.00       | 12.79 | 70.00       | 14.05 | 75.50       | 15.61 | 80.40       | 17.00 | 84.20       | 18.01 |
|        | 31                         | 42.00                        | 8.78  | 53.00       | 11.37 | 65.00       | 14.43 | 70.00       | 15.87 | 75.50       | 17.41 | 80.40       | 18.72 | 84.20       | 19.68 |
|        | 33                         | 42.00                        | 10.06 | 53.00       | 13.00 | 65.00       | 15.90 | 70.00       | 17.26 | 75.50       | 18.65 | 80.40       | 19.93 | 84.20       | 21.03 |
|        | 35                         | 42.00                        | 11.44 | 53.00       | 14.02 | 65.00       | 17.06 | 70.00       | 18.38 | 75.50       | 19.92 | 80.40       | 21.29 | 84.20       | 22.41 |
|        | 37                         | 42.00                        | 12.20 | 53.00       | 15.02 | 65.00       | 18.15 | 70.00       | 19.56 | 75.50       | 21.22 | 80.40       | 22.69 | 84.20       | 23.89 |
|        | 39                         | 42.00                        | 13.00 | 53.00       | 16.03 | 65.00       | 19.34 | 70.00       | 20.85 | 75.50       | 22.63 | 80.40       | 24.20 | 84.20       | 25.47 |
|        | 41                         | 42.00                        | 13.87 | 53.00       | 17.08 | 65.00       | 20.63 | 70.00       | 22.24 | 75.50       | 24.12 | 80.40       | 25.81 | 84.20       | 27.16 |
|        | 43                         | 42.00                        | 14.78 | 53.00       | 18.23 | 65.00       | 22.01 | 70.00       | 23.73 | 75.50       | 25.74 | 80.40       | 27.53 | 84.20       | 28.98 |
|        | 46                         | 42.00                        | 16.32 | 53.00       | 20.11 | 65.00       | 24.28 | 70.00       | 26.16 | 75.50       | 28.37 | 80.40       | 30.32 | 84.20       | 31.91 |
|        | 48                         | 42.00                        | 17.48 | 53.00       | 21.48 | 65.00       | 25.91 | 70.00       | 27.91 | 75.50       | 30.26 | 80.40       | 32.36 | 84.20       | 34.05 |
|        | 50                         | 42.00                        | 18.75 | 53.00       | 22.96 | 65.00       | 27.67 | 70.00       | 29.78 | 75.50       | 32.29 | 80.40       | 34.51 | 84.20       | 36.32 |
|        | 52                         | 42.00                        | 20.13 | 53.00       | 24.53 | 65.00       | 29.53 | 70.00       | 31.53 | 75.50       | 34.11 | 80.40       | 35.73 | 84.20       | 37.43 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM520LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 113.6                        | 11.67 | 143.5       | 16.41 | 175.7       | 24.15 | 189.3       | 28.12 | 204.4       | 33.24 | 217.4       | 37.56 | 227.5       | 40.92 |
|        | 12                         | 113.6                        | 12.78 | 143.5       | 18.11 | 175.7       | 26.40 | 189.3       | 30.68 | 204.4       | 36.22 | 217.4       | 40.49 | 227.5       | 43.87 |
|        | 14                         | 113.6                        | 13.52 | 143.5       | 19.98 | 175.7       | 28.95 | 189.3       | 33.62 | 204.4       | 38.79 | 217.4       | 43.31 | 227.5       | 47.07 |
|        | 16                         | 113.6                        | 14.63 | 143.5       | 21.97 | 175.7       | 31.83 | 189.3       | 36.48 | 204.4       | 41.91 | 217.4       | 46.63 | 227.5       | 50.55 |
|        | 18                         | 113.6                        | 16.08 | 143.5       | 24.01 | 175.7       | 34.53 | 189.3       | 39.67 | 204.4       | 45.35 | 217.4       | 49.90 | 227.2       | 53.14 |
|        | 20                         | 113.6                        | 17.78 | 143.5       | 26.37 | 175.7       | 37.70 | 189.3       | 42.74 | 204.4       | 48.05 | 217.4       | 52.69 | 226.8       | 55.19 |
|        | 21                         | 113.6                        | 18.71 | 143.5       | 27.61 | 175.7       | 39.00 | 189.3       | 44.17 | 204.4       | 49.39 | 217.4       | 53.84 | 226.6       | 56.28 |
|        | 23                         | 113.6                        | 20.63 | 143.5       | 30.49 | 175.7       | 41.80 | 189.3       | 46.81 | 204.4       | 52.67 | 217.4       | 56.29 | 226.1       | 58.69 |
|        | 25                         | 113.6                        | 23.03 | 143.5       | 33.01 | 175.7       | 44.65 | 189.3       | 49.83 | 204.4       | 55.30 | 217.0       | 58.93 | 225.5       | 61.36 |
|        | 27                         | 113.6                        | 25.32 | 143.5       | 35.22 | 175.7       | 47.64 | 189.3       | 53.38 | 204.4       | 58.17 | 216.5       | 61.80 | 225.0       | 64.36 |
|        | 29                         | 113.6                        | 27.07 | 143.5       | 37.60 | 175.7       | 51.11 | 189.3       | 56.30 | 204.4       | 61.28 | 215.9       | 64.98 | 224.3       | 67.71 |
|        | 31                         | 113.6                        | 28.89 | 143.5       | 40.27 | 175.7       | 54.40 | 189.3       | 59.46 | 204.4       | 64.73 | 215.2       | 68.57 | 223.7       | 71.55 |
|        | 33                         | 113.6                        | 30.89 | 143.5       | 42.94 | 175.7       | 57.82 | 189.3       | 62.91 | 203.7       | 68.39 | 212.7       | 71.86 | 213.4       | 72.03 |
|        | 35                         | 113.6                        | 32.93 | 143.5       | 45.82 | 175.7       | 61.25 | 189.3       | 66.73 | 200.4       | 71.33 | 201.2       | 71.54 | 201.9       | 71.70 |
|        | 37                         | 113.6                        | 35.12 | 143.5       | 48.94 | 175.7       | 65.01 | 187.1       | 69.39 | 187.3       | 69.40 | 187.1       | 69.37 | 187.0       | 69.35 |
|        | 39                         | 113.6                        | 37.45 | 143.5       | 51.74 | 173.9       | 64.52 | 173.7       | 64.46 | 173.7       | 64.43 | 173.7       | 64.45 | 173.7       | 64.43 |
|        | 41                         | 113.6                        | 39.94 | 143.5       | 53.57 | 161.0       | 60.07 | 160.8       | 60.04 | 160.8       | 60.01 | 160.6       | 59.93 | 160.8       | 59.99 |
|        | 43                         | 113.6                        | 42.39 | 143.5       | 54.52 | 148.4       | 56.32 | 148.2       | 56.31 | 148.2       | 56.24 | 148.2       | 56.27 | 147.9       | 56.21 |
|        | 46                         | 113.6                        | 45.28 | 130.5       | 51.93 | 130.3       | 51.90 | 130.3       | 51.88 | 130.3       | 51.85 | 130.1       | 51.81 | 130.2       | 51.83 |
|        | 48                         | 113.6                        | 47.89 | 119.1       | 50.16 | 118.9       | 50.08 | 118.9       | 50.07 | 119.2       | 50.19 | 118.9       | 50.09 | 118.9       | 50.07 |
|        | 50                         | 108.7                        | 47.97 | 108.4       | 47.90 | 108.2       | 47.79 | 108.2       | 47.84 | 108.2       | 47.81 | 108.0       | 47.76 | 108.0       | 47.75 |
|        | 52                         | 96.00                        | 42.87 | 97.40       | 41.79 | 98.00       | 39.51 | 98.00       | 39.02 | 98.00       | 38.50 | 98.10       | 38.05 | 98.10       | 37.74 |
| 120    | 10                         | 105.0                        | 10.65 | 132.6       | 14.41 | 162.2       | 20.50 | 174.7       | 23.84 | 188.7       | 27.89 | 200.7       | 31.80 | 210.1       | 35.21 |
|        | 12                         | 105.0                        | 11.60 | 132.6       | 15.88 | 162.2       | 22.63 | 174.7       | 26.11 | 188.7       | 30.50 | 200.7       | 34.83 | 210.1       | 38.10 |
|        | 14                         | 105.0                        | 12.19 | 132.6       | 17.51 | 162.2       | 24.86 | 174.7       | 28.65 | 188.7       | 33.42 | 200.7       | 37.56 | 210.1       | 40.78 |
|        | 16                         | 105.0                        | 12.82 | 132.6       | 19.02 | 162.2       | 27.32 | 174.7       | 31.47 | 188.7       | 36.26 | 200.7       | 40.44 | 210.1       | 44.00 |
|        | 18                         | 105.0                        | 14.11 | 132.6       | 20.89 | 162.2       | 30.06 | 174.7       | 34.20 | 188.7       | 39.27 | 200.7       | 43.86 | 210.1       | 47.31 |
|        | 20                         | 105.0                        | 15.56 | 132.6       | 23.01 | 162.2       | 32.65 | 174.7       | 37.35 | 188.7       | 42.29 | 200.7       | 46.85 | 210.1       | 49.97 |
|        | 21                         | 105.0                        | 16.35 | 132.6       | 24.08 | 162.2       | 34.17 | 174.7       | 38.67 | 188.7       | 43.76 | 200.7       | 48.19 | 210.1       | 51.82 |
|        | 23                         | 105.0                        | 18.20 | 132.6       | 26.63 | 162.2       | 36.90 | 174.7       | 41.45 | 188.7       | 46.58 | 200.7       | 51.16 | 210.1       | 54.28 |
|        | 25                         | 105.0                        | 20.25 | 132.6       | 29.32 | 162.2       | 39.33 | 174.7       | 44.32 | 188.7       | 49.58 | 200.7       | 54.19 | 210.1       | 56.94 |
|        | 27                         | 105.0                        | 22.63 | 132.6       | 31.33 | 162.2       | 42.51 | 174.7       | 47.27 | 188.7       | 53.22 | 200.7       | 57.00 | 210.1       | 59.84 |
|        | 29                         | 105.0                        | 24.39 | 132.6       | 33.44 | 162.2       | 45.37 | 174.7       | 50.66 | 188.7       | 56.12 | 200.7       | 60.08 | 209.8       | 62.98 |
|        | 31                         | 105.0                        | 26.09 | 132.6       | 35.80 | 162.2       | 48.26 | 174.7       | 53.90 | 188.7       | 59.27 | 200.7       | 63.45 | 209.1       | 66.38 |
|        | 33                         | 105.0                        | 27.81 | 132.6       | 38.16 | 162.2       | 51.37 | 174.7       | 57.42 | 188.7       | 62.71 | 200.6       | 67.18 | 208.5       | 70.21 |
|        | 35                         | 105.0                        | 29.66 | 132.6       | 40.71 | 162.2       | 54.76 | 174.7       | 60.82 | 188.7       | 66.53 | 199.9       | 71.16 | 201.0       | 71.51 |
|        | 37                         | 105.0                        | 31.64 | 132.6       | 43.44 | 162.2       | 58.47 | 174.7       | 64.55 | 187.3       | 69.41 | 187.3       | 69.41 | 187.1       | 69.37 |
|        | 39                         | 105.0                        | 33.73 | 132.6       | 46.37 | 162.2       | 60.15 | 174.0       | 64.54 | 173.9       | 64.49 | 173.7       | 64.46 | 173.7       | 64.45 |
|        | 41                         | 105.0                        | 35.97 | 132.6       | 48.88 | 161.1       | 60.09 | 160.8       | 60.03 | 160.8       | 59.98 | 160.6       | 59.95 | 160.6       | 59.93 |
|        | 43                         | 105.0                        | 38.38 | 132.6       | 50.32 | 148.4       | 56.36 | 148.4       | 56.31 | 148.2       | 56.26 | 148.2       | 56.26 | 148.2       | 56.28 |
|        | 46                         | 105.0                        | 42.00 | 130.5       | 51.99 | 130.3       | 51.86 | 130.3       | 51.86 | 130.3       | 51.86 | 130.2       | 51.84 | 130.3       | 51.82 |
|        | 48                         | 105.0                        | 44.21 | 119.1       | 50.16 | 119.1       | 50.15 | 119.1       | 50.15 | 118.9       | 50.10 | 118.9       | 50.07 | 118.9       | 50.04 |
|        | 50                         | 105.0                        | 46.37 | 108.4       | 47.87 | 108.2       | 47.84 | 108.2       | 47.83 | 108.2       | 47.83 | 108.2       | 47.84 | 108.2       | 47.75 |
|        | 52                         | 95.70                        | 42.72 | 96.80       | 42.72 | 98.10       | 40.45 | 98.00       | 40.00 | 98.10       | 39.49 | 98.10       | 39.09 | 98.10       | 38.88 |
| 110    | 10                         | 96.20                        | 9.80  | 121.4       | 12.72 | 148.7       | 17.43 | 160.1       | 20.00 | 172.9       | 23.36 | 183.8       | 26.50 | 192.4       | 29.16 |
|        | 12                         | 96.20                        | 10.58 | 121.4       | 13.96 | 148.7       | 19.25 | 160.1       | 22.07 | 172.9       | 25.57 | 183.8       | 28.97 | 192.4       | 31.82 |
|        | 14                         | 96.20                        | 10.94 | 121.4       | 14.98 | 148.7       | 21.24 | 160.1       | 24.24 | 172.9       | 28.09 | 183.8       | 31.73 | 192.4       | 34.92 |
|        | 16                         | 96.20                        | 11.31 | 121.4       | 16.40 | 148.7       | 23.33 | 160.1       | 26.69 | 172.9       | 30.85 | 183.8       | 34.46 | 192.4       | 37.65 |
|        | 18                         | 96.20                        | 12.29 | 121.4       | 17.95 | 148.7       | 25.74 | 160.1       | 29.36 | 172.9       | 33.49 | 183.8       | 37.56 | 192.4       | 40.75 |
|        | 20                         | 96.20                        | 13.55 | 121.4       | 19.86 | 148.7       | 28.06 | 160.1       | 32.03 | 172.9       | 36.55 | 183.8       | 40.73 | 192.4       | 43.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 96.20                        | 14.26 | 121.4       | 20.80 | 148.7       | 29.36 | 160.1       | 33.49 | 172.9       | 38.10 | 183.8       | 42.09 | 192.4       | 45.32 |
|        | 23                               | 96.20                        | 15.81 | 121.4       | 23.10 | 148.7       | 32.24 | 160.1       | 36.10 | 172.9       | 40.72 | 183.8       | 44.87 | 192.4       | 48.00 |
|        | 25                               | 96.20                        | 17.75 | 121.4       | 25.46 | 148.7       | 34.46 | 160.1       | 38.61 | 172.9       | 43.60 | 183.8       | 47.79 | 192.4       | 51.10 |
|        | 27                               | 96.20                        | 19.85 | 121.4       | 27.72 | 148.7       | 37.12 | 160.1       | 41.31 | 172.9       | 46.53 | 183.8       | 50.95 | 192.4       | 54.45 |
|        | 29                               | 96.20                        | 21.88 | 121.4       | 29.59 | 148.7       | 39.60 | 160.1       | 44.52 | 172.9       | 49.94 | 183.8       | 54.52 | 192.4       | 57.39 |
|        | 31                               | 96.20                        | 23.35 | 121.4       | 31.59 | 148.7       | 42.45 | 160.1       | 47.35 | 172.9       | 53.11 | 183.8       | 57.59 | 192.4       | 60.63 |
|        | 33                               | 96.20                        | 24.97 | 121.4       | 33.76 | 148.7       | 45.27 | 160.1       | 50.40 | 172.9       | 56.61 | 183.8       | 60.93 | 192.4       | 64.16 |
|        | 35                               | 96.20                        | 26.61 | 121.4       | 36.01 | 148.7       | 48.24 | 160.1       | 53.72 | 172.9       | 60.15 | 183.8       | 64.59 | 192.4       | 68.08 |
|        | 37                               | 96.20                        | 28.37 | 121.4       | 38.39 | 148.7       | 51.41 | 160.1       | 57.34 | 172.9       | 63.81 | 183.8       | 68.65 | 187.1       | 69.35 |
|        | 39                               | 96.20                        | 30.27 | 121.4       | 40.96 | 148.7       | 54.36 | 160.1       | 59.37 | 172.9       | 64.15 | 173.8       | 64.46 | 173.9       | 64.49 |
|        | 41                               | 96.20                        | 32.27 | 121.4       | 43.59 | 148.7       | 55.47 | 160.1       | 59.74 | 161.1       | 60.07 | 160.8       | 60.02 | 160.8       | 60.03 |
|        | 43                               | 96.20                        | 34.43 | 121.4       | 46.11 | 148.3       | 56.28 | 148.4       | 56.36 | 148.4       | 56.33 | 148.1       | 56.27 | 148.2       | 56.26 |
|        | 46                               | 96.20                        | 37.94 | 121.4       | 48.36 | 130.3       | 51.94 | 130.3       | 51.91 | 130.3       | 51.90 | 130.3       | 51.89 | 130.1       | 51.81 |
|        | 48                               | 96.20                        | 40.32 | 119.1       | 50.20 | 119.1       | 50.17 | 119.1       | 50.17 | 119.1       | 50.11 | 118.9       | 50.11 | 118.9       | 50.09 |
|        | 50                               | 96.20                        | 42.52 | 108.5       | 47.96 | 108.3       | 47.86 | 108.2       | 47.85 | 108.2       | 47.84 | 108.2       | 47.81 | 108.2       | 47.79 |
| 100    | 52                               | 95.20                        | 42.48 | 96.10       | 42.95 | 97.60       | 41.58 | 97.90       | 41.15 | 98.10       | 40.68 | 97.70       | 40.25 | 98.10       | 39.68 |
|        | 10                               | 87.40                        | 9.03  | 110.5       | 11.28 | 135.2       | 14.85 | 145.6       | 16.80 | 157.3       | 19.31 | 167.2       | 21.79 | 175.0       | 23.89 |
|        | 12                               | 87.40                        | 9.71  | 110.5       | 12.33 | 135.2       | 16.38 | 145.6       | 18.53 | 157.3       | 21.33 | 167.2       | 24.04 | 175.0       | 26.20 |
|        | 14                               | 87.40                        | 9.89  | 110.5       | 13.03 | 135.2       | 18.06 | 145.6       | 20.47 | 157.3       | 23.53 | 167.2       | 26.32 | 175.0       | 28.73 |
|        | 16                               | 87.40                        | 10.02 | 110.5       | 13.99 | 135.2       | 19.68 | 145.6       | 22.51 | 157.3       | 25.83 | 167.2       | 28.92 | 175.0       | 31.58 |
|        | 18                               | 87.40                        | 10.74 | 110.5       | 15.38 | 135.2       | 21.60 | 145.6       | 24.55 | 157.3       | 28.42 | 167.2       | 31.56 | 175.0       | 34.28 |
|        | 20                               | 87.40                        | 11.74 | 110.5       | 16.91 | 135.2       | 23.76 | 145.6       | 26.97 | 157.3       | 30.96 | 167.2       | 34.41 | 175.0       | 37.38 |
|        | 21                               | 87.40                        | 12.37 | 110.5       | 17.78 | 135.2       | 24.88 | 145.6       | 28.40 | 157.3       | 32.40 | 167.2       | 36.01 | 175.0       | 38.87 |
|        | 23                               | 87.40                        | 13.73 | 110.5       | 19.64 | 135.2       | 27.49 | 145.6       | 31.14 | 157.3       | 35.10 | 167.2       | 38.61 | 175.0       | 41.54 |
|        | 25                               | 87.40                        | 15.35 | 110.5       | 21.96 | 135.2       | 30.15 | 145.6       | 33.65 | 157.3       | 37.54 | 167.2       | 41.29 | 175.0       | 44.36 |
|        | 27                               | 87.40                        | 17.18 | 110.5       | 24.38 | 135.2       | 32.19 | 145.6       | 35.97 | 157.3       | 40.49 | 167.2       | 44.67 | 175.0       | 47.33 |
|        | 29                               | 87.40                        | 19.25 | 110.5       | 26.02 | 135.2       | 34.37 | 145.6       | 38.37 | 157.3       | 43.26 | 167.2       | 47.47 | 175.0       | 50.82 |
|        | 31                               | 87.40                        | 20.85 | 110.5       | 27.86 | 135.2       | 36.83 | 145.6       | 41.10 | 157.3       | 46.13 | 167.2       | 50.49 | 175.0       | 54.07 |
|        | 33                               | 87.40                        | 22.29 | 110.5       | 29.71 | 135.2       | 39.26 | 145.6       | 43.83 | 157.3       | 49.08 | 167.2       | 53.76 | 175.0       | 57.57 |
|        | 35                               | 87.40                        | 23.77 | 110.5       | 31.69 | 135.2       | 41.86 | 145.6       | 46.73 | 157.3       | 52.31 | 167.2       | 57.35 | 175.0       | 60.97 |
| 90     | 37                               | 87.40                        | 25.33 | 110.5       | 33.78 | 135.2       | 44.68 | 145.6       | 49.88 | 157.3       | 55.81 | 167.2       | 61.32 | 175.0       | 64.70 |
|        | 39                               | 87.40                        | 27.01 | 110.5       | 36.03 | 135.2       | 47.60 | 145.6       | 52.75 | 157.3       | 58.33 | 167.2       | 62.03 | 174.0       | 64.54 |
|        | 41                               | 87.40                        | 28.82 | 110.5       | 38.43 | 135.2       | 50.19 | 145.6       | 54.30 | 157.3       | 58.67 | 160.8       | 60.04 | 161.0       | 60.05 |
|        | 43                               | 87.40                        | 30.74 | 110.5       | 40.87 | 135.2       | 51.32 | 145.6       | 55.26 | 148.2       | 56.32 | 148.4       | 56.34 | 148.4       | 56.32 |
|        | 46                               | 87.40                        | 33.87 | 110.5       | 43.96 | 130.3       | 51.91 | 130.5       | 51.92 | 130.5       | 51.91 | 130.5       | 51.91 | 130.3       | 51.85 |
|        | 48                               | 87.40                        | 36.13 | 110.5       | 46.52 | 119.3       | 50.21 | 119.1       | 50.18 | 119.1       | 50.16 | 119.1       | 50.15 | 119.1       | 50.15 |
|        | 50                               | 87.40                        | 38.56 | 108.5       | 47.91 | 108.4       | 47.88 | 108.4       | 47.87 | 108.2       | 47.82 | 108.2       | 47.80 | 108.2       | 47.79 |
|        | 52                               | 87.40                        | 39.06 | 95.80       | 42.77 | 96.60       | 42.82 | 97.10       | 42.14 | 97.70       | 41.43 | 98.10       | 40.75 | 98.10       | 40.20 |
|        | 10                               | 78.80                        | 8.40  | 99.30       | 10.10 | 121.7       | 12.72 | 131.0       | 14.16 | 141.5       | 16.02 | 150.5       | 17.80 | 157.5       | 19.39 |
|        | 12                               | 78.80                        | 8.68  | 99.30       | 10.94 | 121.7       | 13.98 | 131.0       | 15.60 | 141.5       | 17.67 | 150.5       | 19.67 | 157.5       | 21.41 |
|        | 14                               | 78.80                        | 8.78  | 99.30       | 11.34 | 121.7       | 15.00 | 131.0       | 17.19 | 141.5       | 19.51 | 150.5       | 21.71 | 157.5       | 23.54 |
|        | 16                               | 78.80                        | 8.99  | 99.30       | 11.76 | 121.7       | 16.43 | 131.0       | 18.71 | 141.5       | 21.46 | 150.5       | 23.88 | 157.5       | 25.89 |
|        | 18                               | 78.80                        | 9.19  | 99.30       | 12.98 | 121.7       | 17.97 | 131.0       | 20.43 | 141.5       | 23.37 | 150.5       | 26.27 | 157.5       | 28.29 |
|        | 20                               | 78.80                        | 10.18 | 99.30       | 14.32 | 121.7       | 19.88 | 131.0       | 22.52 | 141.5       | 25.69 | 150.5       | 28.64 | 157.5       | 31.12 |
|        | 21                               | 78.80                        | 10.63 | 99.30       | 15.05 | 121.7       | 20.84 | 131.0       | 23.59 | 141.5       | 27.01 | 150.5       | 30.08 | 157.5       | 32.42 |
|        | 23                               | 78.80                        | 11.82 | 99.30       | 16.67 | 121.7       | 23.13 | 131.0       | 26.21 | 141.5       | 29.72 | 150.5       | 32.89 | 157.5       | 35.23 |
|        | 25                               | 78.80                        | 13.22 | 99.30       | 18.58 | 121.7       | 25.67 | 131.0       | 28.86 | 141.5       | 32.29 | 150.5       | 35.43 | 157.5       | 37.74 |
|        | 27                               | 78.80                        | 14.72 | 99.30       | 20.83 | 121.7       | 27.77 | 131.0       | 30.82 | 141.5       | 34.47 | 150.5       | 37.80 | 157.5       | 40.58 |
|        | 29                               | 78.80                        | 16.63 | 99.30       | 22.76 | 121.7       | 29.67 | 131.0       | 32.91 | 141.5       | 36.80 | 150.5       | 40.38 | 157.5       | 43.35 |
|        | 31                               | 78.80                        | 18.52 | 99.30       | 24.31 | 121.7       | 31.73 | 131.0       | 35.21 | 141.5       | 39.41 | 150.5       | 43.14 | 157.5       | 46.25 |
|        | 33                               | 78.80                        | 19.80 | 99.30       | 25.99 | 121.7       | 33.82 | 131.0       | 37.54 | 141.5       | 42.03 | 150.5       | 46.08 | 157.5       | 49.23 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 78.80                        | 21.10 | 99.30       | 27.70 | 121.7       | 36.06 | 131.0       | 40.03 | 141.5       | 44.82 | 150.5       | 49.08 | 157.5       | 52.43 |
|        | 37                              | 78.80                        | 22.49 | 99.30       | 29.53 | 121.7       | 38.47 | 131.0       | 42.69 | 141.5       | 47.87 | 150.5       | 52.32 | 157.5       | 55.95 |
|        | 39                              | 78.80                        | 23.99 | 99.30       | 31.50 | 121.7       | 41.04 | 131.0       | 45.59 | 141.5       | 50.70 | 150.5       | 55.34 | 157.5       | 58.43 |
|        | 41                              | 78.80                        | 25.59 | 99.30       | 33.59 | 121.7       | 43.66 | 131.0       | 48.12 | 141.5       | 52.81 | 150.5       | 56.16 | 157.5       | 58.77 |
|        | 43                              | 78.80                        | 27.30 | 99.30       | 35.83 | 121.7       | 46.18 | 131.0       | 49.74 | 141.5       | 53.73 | 148.4       | 56.36 | 148.4       | 56.33 |
|        | 46                              | 78.80                        | 30.08 | 99.30       | 39.34 | 121.7       | 48.42 | 130.4       | 51.93 | 130.5       | 51.93 | 130.3       | 51.92 | 130.5       | 51.92 |
|        | 48                              | 78.80                        | 32.10 | 99.30       | 41.88 | 119.3       | 50.24 | 119.1       | 50.19 | 119.1       | 50.16 | 119.1       | 50.14 | 119.1       | 50.13 |
|        | 50                              | 78.80                        | 34.25 | 99.30       | 43.92 | 108.5       | 47.96 | 108.4       | 47.94 | 108.4       | 47.89 | 108.4       | 47.86 | 108.4       | 47.85 |
|        | 52                              | 78.80                        | 36.21 | 95.30       | 42.56 | 96.30       | 43.21 | 96.80       | 42.81 | 97.40       | 42.07 | 97.70       | 41.39 | 98.10       | 40.86 |
| 80     | 10                              | 69.90                        | 7.64  | 88.40       | 9.11  | 108.1       | 11.01 | 116.5       | 12.03 | 125.8       | 13.33 | 133.7       | 14.61 | 140.1       | 15.72 |
|        | 12                              | 69.90                        | 7.80  | 88.40       | 9.79  | 108.1       | 12.01 | 116.5       | 13.18 | 125.8       | 14.67 | 133.7       | 16.11 | 140.1       | 17.35 |
|        | 14                              | 69.90                        | 7.91  | 88.40       | 9.97  | 108.1       | 12.67 | 116.5       | 14.00 | 125.8       | 15.82 | 133.7       | 17.76 | 140.1       | 19.16 |
|        | 16                              | 69.90                        | 8.01  | 88.40       | 10.15 | 108.1       | 13.51 | 116.5       | 15.22 | 125.8       | 17.45 | 133.7       | 19.37 | 140.1       | 21.07 |
|        | 18                              | 69.90                        | 8.20  | 88.40       | 10.88 | 108.1       | 14.85 | 116.5       | 16.78 | 125.8       | 19.04 | 133.7       | 21.17 | 140.1       | 23.01 |
|        | 20                              | 69.90                        | 8.73  | 88.40       | 11.92 | 108.1       | 16.33 | 116.5       | 18.47 | 125.8       | 21.01 | 133.7       | 23.30 | 140.1       | 25.30 |
|        | 21                              | 69.90                        | 9.10  | 88.40       | 12.51 | 108.1       | 17.21 | 116.5       | 19.38 | 125.8       | 22.06 | 133.7       | 24.57 | 140.1       | 26.51 |
|        | 23                              | 69.90                        | 10.10 | 88.40       | 13.93 | 108.1       | 19.00 | 116.5       | 21.55 | 125.8       | 24.47 | 133.7       | 27.00 | 140.1       | 29.13 |
|        | 25                              | 69.90                        | 11.20 | 88.40       | 15.54 | 108.1       | 21.27 | 116.5       | 23.84 | 125.8       | 27.03 | 133.7       | 29.75 | 140.1       | 31.77 |
|        | 27                              | 69.90                        | 12.59 | 88.40       | 17.42 | 108.1       | 23.73 | 116.5       | 26.15 | 125.8       | 29.07 | 133.7       | 31.74 | 140.1       | 33.93 |
|        | 29                              | 69.90                        | 14.26 | 88.40       | 19.50 | 108.1       | 25.32 | 116.5       | 27.95 | 125.8       | 31.05 | 133.7       | 33.89 | 140.1       | 36.22 |
|        | 31                              | 69.90                        | 16.01 | 88.40       | 21.09 | 108.1       | 27.04 | 116.5       | 29.82 | 125.8       | 33.17 | 133.7       | 36.29 | 140.1       | 38.79 |
|        | 33                              | 69.90                        | 17.50 | 88.40       | 22.56 | 108.1       | 28.91 | 116.5       | 31.88 | 125.8       | 35.45 | 133.7       | 38.69 | 140.1       | 41.36 |
|        | 35                              | 69.90                        | 18.64 | 88.40       | 24.04 | 108.1       | 30.81 | 116.5       | 33.97 | 125.8       | 37.80 | 133.7       | 41.25 | 140.1       | 44.12 |
|        | 37                              | 69.90                        | 19.85 | 88.40       | 25.62 | 108.1       | 32.87 | 116.5       | 36.24 | 125.8       | 40.30 | 133.7       | 44.01 | 140.1       | 47.11 |
|        | 39                              | 69.90                        | 21.16 | 88.40       | 27.33 | 108.1       | 35.04 | 116.5       | 38.65 | 125.8       | 43.01 | 133.7       | 47.02 | 140.1       | 49.97 |
|        | 41                              | 69.90                        | 22.58 | 88.40       | 29.15 | 108.1       | 37.38 | 116.5       | 41.25 | 125.8       | 45.61 | 133.7       | 49.51 | 140.1       | 52.24 |
|        | 43                              | 69.90                        | 24.09 | 88.40       | 31.09 | 108.1       | 39.88 | 116.5       | 43.65 | 125.8       | 47.76 | 133.7       | 50.80 | 140.1       | 53.16 |
|        | 46                              | 69.90                        | 26.56 | 88.40       | 34.27 | 108.1       | 43.04 | 116.5       | 46.36 | 125.8       | 50.07 | 130.3       | 51.90 | 130.3       | 51.90 |
|        | 48                              | 69.90                        | 28.36 | 88.40       | 36.56 | 108.1       | 45.52 | 116.5       | 49.04 | 119.1       | 50.20 | 119.1       | 50.16 | 119.1       | 50.14 |
|        | 50                              | 69.90                        | 30.27 | 88.40       | 39.01 | 108.1       | 47.76 | 108.5       | 47.95 | 108.4       | 47.90 | 108.5       | 47.89 | 108.3       | 47.86 |
|        | 52                              | 69.90                        | 32.31 | 88.40       | 39.45 | 95.80       | 42.79 | 96.30       | 42.98 | 96.80       | 42.92 | 97.10       | 42.21 | 97.60       | 41.69 |
| 70     | 10                              | 61.30                        | 6.31  | 77.20       | 8.32  | 94.60       | 9.64  | 101.9       | 10.35 | 110.0       | 11.23 | 117.0       | 12.11 | 122.5       | 12.86 |
|        | 12                              | 61.30                        | 6.99  | 77.20       | 8.52  | 94.60       | 10.42 | 101.9       | 11.24 | 110.0       | 12.28 | 117.0       | 13.27 | 122.5       | 14.12 |
|        | 14                              | 61.30                        | 7.07  | 77.20       | 8.70  | 94.60       | 10.71 | 101.9       | 11.70 | 110.0       | 12.94 | 117.0       | 14.11 | 122.5       | 15.24 |
|        | 16                              | 61.30                        | 7.17  | 77.20       | 8.81  | 94.60       | 11.04 | 101.9       | 12.27 | 110.0       | 13.86 | 117.0       | 15.36 | 122.5       | 16.61 |
|        | 18                              | 61.30                        | 7.25  | 77.20       | 9.10  | 94.60       | 12.03 | 101.9       | 13.51 | 110.0       | 15.22 | 117.0       | 16.87 | 122.5       | 18.16 |
|        | 20                              | 61.30                        | 7.49  | 77.20       | 9.92  | 94.60       | 13.19 | 101.9       | 14.87 | 110.0       | 16.78 | 117.0       | 18.53 | 122.5       | 20.08 |
|        | 21                              | 61.30                        | 7.82  | 77.20       | 10.45 | 94.60       | 13.89 | 101.9       | 15.63 | 110.0       | 17.63 | 117.0       | 19.59 | 122.5       | 21.08 |
|        | 23                              | 61.30                        | 8.56  | 77.20       | 11.50 | 94.60       | 15.40 | 101.9       | 17.34 | 110.0       | 19.61 | 117.0       | 21.65 | 122.5       | 23.40 |
|        | 25                              | 61.30                        | 9.48  | 77.20       | 12.89 | 94.60       | 17.30 | 101.9       | 19.39 | 110.0       | 21.78 | 117.0       | 24.08 | 122.5       | 25.91 |
|        | 27                              | 61.30                        | 10.55 | 77.20       | 14.45 | 94.60       | 19.33 | 101.9       | 21.62 | 110.0       | 24.25 | 117.0       | 26.35 | 122.5       | 28.00 |
|        | 29                              | 61.30                        | 11.97 | 77.20       | 16.36 | 94.60       | 21.45 | 101.9       | 23.49 | 110.0       | 25.92 | 117.0       | 28.11 | 122.5       | 29.94 |
|        | 31                              | 61.30                        | 13.59 | 77.20       | 18.17 | 94.60       | 22.93 | 101.9       | 25.13 | 110.0       | 27.68 | 117.0       | 30.11 | 122.5       | 32.05 |
|        | 33                              | 61.30                        | 15.16 | 77.20       | 19.43 | 94.60       | 24.44 | 101.9       | 26.79 | 110.0       | 29.58 | 117.0       | 32.10 | 122.5       | 34.16 |
|        | 35                              | 61.30                        | 16.36 | 77.20       | 20.69 | 94.60       | 26.07 | 101.9       | 28.56 | 110.0       | 31.53 | 117.0       | 34.21 | 122.5       | 36.43 |
|        | 37                              | 61.30                        | 17.41 | 77.20       | 22.04 | 94.60       | 27.79 | 101.9       | 30.46 | 110.0       | 33.64 | 117.0       | 36.49 | 122.5       | 38.85 |
|        | 39                              | 61.30                        | 18.54 | 77.20       | 23.51 | 94.60       | 29.65 | 101.9       | 32.49 | 110.0       | 35.87 | 117.0       | 38.92 | 122.5       | 41.45 |
|        | 41                              | 61.30                        | 19.77 | 77.20       | 25.08 | 94.60       | 31.61 | 101.9       | 34.65 | 110.0       | 38.27 | 117.0       | 41.55 | 122.5       | 44.06 |
|        | 43                              | 61.30                        | 21.11 | 77.20       | 26.76 | 94.60       | 33.71 | 101.9       | 36.95 | 110.0       | 40.70 | 117.0       | 43.95 | 122.5       | 46.60 |
|        | 46                              | 61.30                        | 23.28 | 77.20       | 29.49 | 94.60       | 37.16 | 101.9       | 40.52 | 110.0       | 43.83 | 117.0       | 46.60 | 122.5       | 48.78 |
|        | 48                              | 61.30                        | 24.87 | 77.20       | 31.48 | 94.60       | 39.54 | 101.9       | 43.13 | 110.0       | 46.36 | 117.0       | 49.29 | 119.3       | 50.23 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 61.30                        | 26.57 | 77.20       | 33.58 | 94.60       | 42.05 | 101.9       | 45.00 | 108.5       | 47.95 | 108.5       | 47.89 | 108.4       | 47.92 |
|        | 52                              | 61.30                        | 28.37 | 77.20       | 35.52 | 94.60       | 42.22 | 95.50       | 42.66 | 96.10       | 42.87 | 96.60       | 43.10 | 96.80       | 42.79 |
| 60     | 10                              | 52.50                        | 5.02  | 66.30       | 7.04  | 81.10       | 8.57  | 87.40       | 9.03  | 94.40       | 9.61  | 100.4       | 10.18 | 105.0       | 10.68 |
|        | 12                              | 52.50                        | 6.22  | 66.30       | 7.41  | 81.10       | 8.90  | 87.40       | 9.68  | 94.40       | 10.39 | 100.4       | 11.05 | 105.0       | 11.62 |
|        | 14                              | 52.50                        | 6.29  | 66.30       | 7.53  | 81.10       | 9.10  | 87.40       | 9.87  | 94.40       | 10.73 | 100.4       | 11.47 | 105.0       | 12.17 |
|        | 16                              | 52.50                        | 6.37  | 66.30       | 7.61  | 81.10       | 9.23  | 87.40       | 10.00 | 94.40       | 11.06 | 100.4       | 11.94 | 105.0       | 12.90 |
|        | 18                              | 52.50                        | 6.45  | 66.30       | 7.79  | 81.10       | 9.64  | 87.40       | 10.72 | 94.40       | 11.97 | 100.4       | 13.14 | 105.0       | 14.09 |
|        | 20                              | 52.50                        | 6.53  | 66.30       | 8.18  | 81.10       | 10.57 | 87.40       | 11.71 | 94.40       | 13.21 | 100.4       | 14.49 | 105.0       | 15.67 |
|        | 21                              | 52.50                        | 6.65  | 66.30       | 8.52  | 81.10       | 11.13 | 87.40       | 12.32 | 94.40       | 13.89 | 100.4       | 15.24 | 105.0       | 16.45 |
|        | 23                              | 52.50                        | 7.19  | 66.30       | 9.44  | 81.10       | 12.37 | 87.40       | 13.71 | 94.40       | 15.41 | 100.4       | 16.86 | 105.0       | 18.20 |
|        | 25                              | 52.50                        | 7.92  | 66.30       | 10.45 | 81.10       | 13.72 | 87.40       | 15.32 | 94.40       | 17.16 | 100.4       | 18.94 | 105.0       | 20.24 |
|        | 27                              | 52.50                        | 8.78  | 66.30       | 11.64 | 81.10       | 15.38 | 87.40       | 17.16 | 94.40       | 19.24 | 100.4       | 21.12 | 105.0       | 22.59 |
|        | 29                              | 52.50                        | 9.89  | 66.30       | 13.23 | 81.10       | 17.34 | 87.40       | 19.20 | 94.40       | 21.37 | 100.4       | 23.07 | 105.0       | 24.40 |
|        | 31                              | 52.50                        | 11.31 | 66.30       | 15.02 | 81.10       | 19.12 | 87.40       | 20.82 | 94.40       | 22.81 | 100.4       | 24.65 | 105.0       | 26.10 |
|        | 33                              | 52.50                        | 12.92 | 66.30       | 16.54 | 81.10       | 20.45 | 87.40       | 22.24 | 94.40       | 24.38 | 100.4       | 26.28 | 105.0       | 27.84 |
|        | 35                              | 52.50                        | 14.05 | 66.30       | 17.65 | 81.10       | 21.79 | 87.40       | 23.72 | 94.40       | 25.99 | 100.4       | 28.02 | 105.0       | 29.68 |
|        | 37                              | 52.50                        | 14.95 | 66.30       | 18.78 | 81.10       | 23.24 | 87.40       | 25.27 | 94.40       | 27.70 | 100.4       | 29.87 | 105.0       | 31.64 |
|        | 39                              | 52.50                        | 16.12 | 66.30       | 20.04 | 81.10       | 24.79 | 87.40       | 26.96 | 94.40       | 29.55 | 100.4       | 31.87 | 105.0       | 33.75 |
|        | 41                              | 52.50                        | 17.19 | 66.30       | 21.35 | 81.10       | 26.44 | 87.40       | 28.77 | 94.40       | 31.52 | 100.4       | 33.98 | 105.0       | 35.99 |
|        | 43                              | 52.50                        | 18.34 | 66.30       | 22.79 | 81.10       | 28.20 | 87.40       | 30.69 | 94.40       | 33.61 | 100.4       | 36.25 | 105.0       | 38.40 |
|        | 46                              | 52.50                        | 20.24 | 66.30       | 25.14 | 81.10       | 31.09 | 87.40       | 33.79 | 94.40       | 37.03 | 100.4       | 39.79 | 105.0       | 42.02 |
|        | 48                              | 52.50                        | 21.62 | 66.30       | 26.84 | 81.10       | 33.16 | 87.40       | 36.06 | 94.40       | 39.41 | 100.4       | 42.34 | 105.0       | 44.23 |
|        | 50                              | 52.50                        | 23.11 | 66.30       | 28.67 | 81.10       | 35.37 | 87.40       | 38.48 | 94.40       | 41.92 | 100.4       | 44.32 | 105.0       | 46.39 |
|        | 52                              | 52.50                        | 24.72 | 66.30       | 30.60 | 81.10       | 37.35 | 87.40       | 38.98 | 94.40       | 42.11 | 95.50       | 42.63 | 95.80       | 42.79 |
| 50     | 10                              | 43.70                        | 3.98  | 55.10       | 5.39  | 67.60       | 7.24  | 72.80       | 7.91  | 78.50       | 8.40  | 83.70       | 8.75  | 87.60       | 9.03  |
|        | 12                              | 43.70                        | 5.52  | 55.10       | 6.47  | 67.60       | 7.53  | 72.80       | 8.10  | 78.50       | 8.70  | 83.70       | 9.21  | 87.60       | 9.71  |
|        | 14                              | 43.70                        | 5.59  | 55.10       | 6.55  | 67.60       | 7.69  | 72.80       | 8.21  | 78.50       | 8.81  | 83.70       | 9.38  | 87.60       | 9.90  |
|        | 16                              | 43.70                        | 5.67  | 55.10       | 6.63  | 67.60       | 7.79  | 72.80       | 8.29  | 78.50       | 9.02  | 83.70       | 9.56  | 87.60       | 10.04 |
|        | 18                              | 43.70                        | 5.69  | 55.10       | 6.73  | 67.60       | 7.90  | 72.80       | 8.53  | 78.50       | 9.22  | 83.70       | 10.08 | 87.60       | 10.74 |
|        | 20                              | 43.70                        | 5.77  | 55.10       | 6.83  | 67.60       | 8.34  | 72.80       | 9.16  | 78.50       | 10.11 | 83.70       | 11.05 | 87.60       | 11.87 |
|        | 21                              | 43.70                        | 5.81  | 55.10       | 6.99  | 67.60       | 8.78  | 72.80       | 9.64  | 78.50       | 10.66 | 83.70       | 11.63 | 87.60       | 12.37 |
|        | 23                              | 43.70                        | 6.08  | 55.10       | 7.62  | 67.60       | 9.62  | 72.80       | 10.62 | 78.50       | 11.81 | 83.70       | 12.94 | 87.60       | 13.78 |
|        | 25                              | 43.70                        | 6.60  | 55.10       | 8.40  | 67.60       | 10.77 | 72.80       | 11.85 | 78.50       | 13.10 | 83.70       | 14.34 | 87.60       | 15.35 |
|        | 27                              | 43.70                        | 7.30  | 55.10       | 9.33  | 67.60       | 11.98 | 72.80       | 13.23 | 78.50       | 14.71 | 83.70       | 16.09 | 87.60       | 17.23 |
|        | 29                              | 43.70                        | 8.14  | 55.10       | 10.59 | 67.60       | 13.59 | 72.80       | 14.97 | 78.50       | 16.67 | 83.70       | 18.18 | 87.60       | 19.27 |
|        | 31                              | 43.70                        | 9.24  | 55.10       | 12.00 | 67.60       | 15.32 | 72.80       | 16.89 | 78.50       | 18.52 | 83.70       | 19.81 | 87.60       | 20.85 |
|        | 33                              | 43.70                        | 10.60 | 55.10       | 13.78 | 67.60       | 16.69 | 72.80       | 18.22 | 78.50       | 19.72 | 83.70       | 21.11 | 87.60       | 22.29 |
|        | 35                              | 43.70                        | 11.92 | 55.10       | 14.67 | 67.60       | 17.99 | 72.80       | 19.41 | 78.50       | 21.07 | 83.70       | 22.56 | 87.60       | 23.77 |
|        | 37                              | 43.70                        | 12.80 | 55.10       | 15.80 | 67.60       | 19.15 | 72.80       | 20.67 | 78.50       | 22.46 | 83.70       | 24.04 | 87.60       | 25.35 |
|        | 39                              | 43.70                        | 13.66 | 55.10       | 16.86 | 67.60       | 20.41 | 72.80       | 22.04 | 78.50       | 23.96 | 83.70       | 25.65 | 87.60       | 27.03 |
|        | 41                              | 43.70                        | 14.59 | 55.10       | 17.96 | 67.60       | 21.78 | 72.80       | 23.51 | 78.50       | 25.54 | 83.70       | 27.36 | 87.60       | 28.82 |
|        | 43                              | 43.70                        | 15.56 | 55.10       | 19.17 | 67.60       | 23.24 | 72.80       | 25.09 | 78.50       | 27.27 | 83.70       | 29.19 | 87.60       | 30.75 |
|        | 46                              | 43.70                        | 17.20 | 55.10       | 21.17 | 67.60       | 25.65 | 72.80       | 27.67 | 78.50       | 30.05 | 83.70       | 32.16 | 87.60       | 33.87 |
|        | 48                              | 43.70                        | 18.44 | 55.10       | 22.61 | 67.60       | 27.37 | 72.80       | 29.53 | 78.50       | 32.05 | 83.70       | 34.32 | 87.60       | 36.14 |
|        | 50                              | 43.70                        | 19.80 | 55.10       | 24.17 | 67.60       | 29.23 | 72.80       | 31.50 | 78.50       | 34.20 | 83.70       | 36.60 | 87.60       | 38.56 |
|        | 52                              | 43.70                        | 21.28 | 55.10       | 25.83 | 67.60       | 31.19 | 72.80       | 33.37 | 78.50       | 36.16 | 83.70       | 37.32 | 87.60       | 39.06 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM540LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 118.0                        | 12.05 | 149.1       | 16.68 | 182.5       | 24.31 | 196.5       | 28.28 | 212.2       | 33.50 | 225.7       | 38.04 | 236.0       | 41.64 |
|        | 12                              | 118.0                        | 13.14 | 149.1       | 18.37 | 182.5       | 26.65 | 196.5       | 30.89 | 212.2       | 36.37 | 225.7       | 40.81 | 235.9       | 44.30 |
|        | 14                              | 118.0                        | 13.91 | 149.1       | 20.21 | 182.5       | 29.21 | 196.5       | 33.74 | 212.2       | 38.83 | 225.7       | 43.47 | 235.8       | 47.22 |
|        | 16                              | 118.0                        | 14.91 | 149.1       | 22.26 | 182.5       | 32.02 | 196.5       | 36.41 | 212.2       | 41.84 | 225.7       | 46.62 | 235.6       | 50.42 |
|        | 18                              | 118.0                        | 16.36 | 149.1       | 24.30 | 182.5       | 34.62 | 196.5       | 39.51 | 212.2       | 45.15 | 225.7       | 49.76 | 235.3       | 53.00 |
|        | 20                              | 118.0                        | 18.12 | 149.1       | 26.66 | 182.5       | 37.82 | 196.5       | 42.63 | 212.2       | 47.95 | 225.7       | 52.80 | 235.0       | 55.30 |
|        | 21                              | 118.0                        | 19.03 | 149.1       | 27.85 | 182.5       | 39.18 | 196.5       | 44.04 | 212.2       | 49.43 | 225.7       | 54.08 | 234.8       | 56.51 |
|        | 23                              | 118.0                        | 21.02 | 149.1       | 30.81 | 182.5       | 42.07 | 196.5       | 46.97 | 212.2       | 52.93 | 225.7       | 56.55 | 234.3       | 58.89 |
|        | 25                              | 118.0                        | 23.39 | 149.1       | 33.50 | 182.5       | 44.88 | 196.5       | 50.02 | 212.2       | 55.43 | 225.2       | 58.99 | 233.8       | 61.40 |
|        | 27                              | 118.0                        | 25.83 | 149.1       | 35.83 | 182.5       | 47.81 | 196.5       | 53.47 | 212.2       | 58.16 | 224.6       | 61.71 | 233.3       | 64.25 |
|        | 29                              | 118.0                        | 27.62 | 149.1       | 38.12 | 182.5       | 51.21 | 196.5       | 56.28 | 212.2       | 61.11 | 224.1       | 64.75 | 232.7       | 67.45 |
|        | 31                              | 118.0                        | 29.41 | 149.1       | 40.58 | 182.5       | 54.42 | 196.5       | 59.33 | 212.2       | 64.37 | 223.4       | 68.20 | 232.0       | 71.15 |
|        | 33                              | 118.0                        | 31.33 | 149.1       | 43.22 | 182.5       | 57.75 | 196.5       | 62.63 | 211.7       | 67.92 | 220.9       | 71.36 | 221.7       | 71.50 |
|        | 35                              | 118.0                        | 33.36 | 149.1       | 46.05 | 182.5       | 61.05 | 196.5       | 66.27 | 208.4       | 70.74 | 209.4       | 70.91 | 210.2       | 71.04 |
|        | 37                              | 118.0                        | 35.54 | 149.1       | 49.09 | 182.5       | 64.67 | 194.9       | 68.93 | 196.0       | 69.13 | 195.8       | 69.10 | 195.8       | 69.08 |
|        | 39                              | 118.0                        | 37.85 | 149.1       | 52.28 | 181.1       | 65.09 | 181.4       | 65.20 | 181.5       | 65.18 | 181.4       | 65.19 | 181.4       | 65.16 |
|        | 41                              | 118.0                        | 40.33 | 149.1       | 54.70 | 167.7       | 61.40 | 167.4       | 61.37 | 167.4       | 61.32 | 167.2       | 61.27 | 167.4       | 61.32 |
|        | 43                              | 118.0                        | 43.01 | 149.1       | 56.10 | 154.0       | 57.88 | 153.7       | 57.88 | 153.7       | 57.80 | 153.7       | 57.86 | 153.6       | 57.81 |
|        | 46                              | 118.0                        | 46.32 | 134.7       | 53.38 | 134.4       | 53.34 | 134.4       | 53.32 | 134.4       | 53.32 | 134.2       | 53.27 | 134.4       | 53.29 |
|        | 48                              | 118.0                        | 49.13 | 122.4       | 50.95 | 122.1       | 50.88 | 122.2       | 50.87 | 122.4       | 50.95 | 122.1       | 50.88 | 122.1       | 50.89 |
|        | 50                              | 111.2                        | 48.14 | 111.0       | 48.06 | 110.7       | 47.97 | 110.7       | 47.99 | 110.7       | 47.96 | 110.5       | 47.92 | 110.5       | 47.91 |
|        | 52                              | 98.40                        | 42.48 | 99.30       | 41.49 | 99.90       | 39.84 | 99.90       | 39.49 | 99.90       | 39.11 | 99.90       | 38.75 | 99.90       | 38.53 |
| 120    | 10                              | 109.1                        | 11.05 | 137.7       | 14.72 | 168.5       | 20.73 | 181.4       | 24.02 | 196.0       | 28.13 | 208.4       | 32.13 | 218.1       | 35.54 |
|        | 12                              | 109.1                        | 11.99 | 137.7       | 16.18 | 168.5       | 22.82 | 181.4       | 26.36 | 196.0       | 30.73 | 208.4       | 34.96 | 218.1       | 38.31 |
|        | 14                              | 109.1                        | 12.64 | 137.7       | 17.79 | 168.5       | 25.11 | 181.4       | 28.90 | 196.0       | 33.56 | 208.4       | 37.59 | 218.1       | 40.86 |
|        | 16                              | 109.1                        | 13.05 | 137.7       | 19.34 | 168.5       | 27.60 | 181.4       | 31.66 | 196.0       | 36.19 | 208.4       | 40.36 | 218.1       | 43.94 |
|        | 18                              | 109.1                        | 14.35 | 137.7       | 21.23 | 168.5       | 30.35 | 181.4       | 34.31 | 196.0       | 39.11 | 208.4       | 43.67 | 218.1       | 47.11 |
|        | 20                              | 109.1                        | 15.81 | 137.7       | 23.34 | 168.5       | 32.92 | 181.4       | 37.46 | 196.0       | 42.26 | 208.4       | 46.70 | 218.1       | 49.95 |
|        | 21                              | 109.1                        | 16.65 | 137.7       | 24.41 | 168.5       | 34.52 | 181.4       | 38.84 | 196.0       | 43.62 | 208.4       | 48.18 | 218.1       | 51.94 |
|        | 23                              | 109.1                        | 18.53 | 137.7       | 26.92 | 168.5       | 37.40 | 181.4       | 41.73 | 196.0       | 46.73 | 208.4       | 51.41 | 218.1       | 54.54 |
|        | 25                              | 109.1                        | 20.63 | 137.7       | 29.76 | 168.5       | 39.93 | 181.4       | 44.55 | 196.0       | 49.76 | 208.4       | 54.33 | 218.1       | 57.05 |
|        | 27                              | 109.1                        | 23.09 | 137.7       | 31.93 | 168.5       | 42.92 | 181.4       | 47.44 | 196.0       | 53.32 | 208.4       | 57.02 | 218.1       | 59.79 |
|        | 29                              | 109.1                        | 24.96 | 137.7       | 33.98 | 168.5       | 45.56 | 181.4       | 50.76 | 196.0       | 56.11 | 208.4       | 59.95 | 217.9       | 62.76 |
|        | 31                              | 109.1                        | 26.57 | 137.7       | 36.18 | 168.5       | 48.39 | 181.4       | 53.93 | 196.0       | 59.14 | 208.4       | 63.15 | 217.3       | 66.03 |
|        | 33                              | 109.1                        | 28.29 | 137.7       | 38.52 | 168.5       | 51.44 | 181.4       | 57.36 | 196.0       | 62.44 | 208.4       | 66.69 | 216.6       | 69.72 |
|        | 35                              | 109.1                        | 30.13 | 137.7       | 41.03 | 168.5       | 54.76 | 181.4       | 60.64 | 196.0       | 66.08 | 207.9       | 70.58 | 209.1       | 70.89 |
|        | 37                              | 109.1                        | 32.10 | 137.7       | 43.73 | 168.5       | 58.39 | 181.4       | 64.23 | 195.0       | 68.92 | 196.0       | 69.14 | 195.8       | 69.11 |
|        | 39                              | 109.1                        | 34.18 | 137.7       | 46.63 | 168.5       | 60.66 | 180.8       | 65.03 | 181.6       | 65.23 | 181.4       | 65.20 | 181.4       | 65.18 |
|        | 41                              | 109.1                        | 36.41 | 137.7       | 49.77 | 167.5       | 61.33 | 167.5       | 61.36 | 167.4       | 61.31 | 167.2       | 61.28 | 167.3       | 61.28 |
|        | 43                              | 109.1                        | 38.81 | 137.7       | 51.74 | 154.0       | 57.92 | 154.0       | 57.88 | 153.7       | 57.83 | 153.8       | 57.84 | 153.7       | 57.85 |
|        | 46                              | 109.1                        | 42.73 | 134.6       | 53.42 | 134.4       | 53.29 | 134.4       | 53.29 | 134.4       | 53.32 | 134.4       | 53.28 | 134.4       | 53.26 |
|        | 48                              | 109.1                        | 45.08 | 122.4       | 50.94 | 122.3       | 50.94 | 122.4       | 50.95 | 122.1       | 50.89 | 122.1       | 50.87 | 122.1       | 50.83 |
|        | 50                              | 108.6                        | 47.00 | 111.0       | 48.05 | 110.7       | 48.00 | 110.7       | 48.00 | 110.7       | 47.99 | 110.7       | 47.99 | 110.5       | 47.85 |
|        | 52                              | 98.20                        | 42.38 | 98.90       | 42.19 | 99.90       | 40.53 | 99.90       | 40.20 | 99.90       | 39.82 | 99.90       | 39.53 | 99.90       | 39.36 |
| 110    | 10                              | 99.90                        | 10.21 | 126.1       | 13.07 | 154.4       | 17.70 | 166.3       | 20.23 | 179.6       | 23.57 | 190.9       | 26.66 | 199.8       | 29.34 |
|        | 12                              | 99.90                        | 11.00 | 126.1       | 14.29 | 154.4       | 19.48 | 166.3       | 22.27 | 179.6       | 25.87 | 190.9       | 29.18 | 199.8       | 32.03 |
|        | 14                              | 99.90                        | 11.30 | 126.1       | 15.35 | 154.4       | 21.45 | 166.3       | 24.51 | 179.6       | 28.37 | 190.9       | 31.91 | 199.8       | 34.93 |
|        | 16                              | 99.90                        | 11.56 | 126.1       | 16.70 | 154.4       | 23.62 | 166.3       | 26.96 | 179.6       | 31.11 | 190.9       | 34.52 | 199.8       | 37.58 |
|        | 18                              | 99.90                        | 12.46 | 126.1       | 18.30 | 154.4       | 26.00 | 166.3       | 29.63 | 179.6       | 33.63 | 190.9       | 37.52 | 199.8       | 40.57 |
|        | 20                              | 99.90                        | 13.75 | 126.1       | 20.27 | 154.4       | 28.30 | 166.3       | 32.25 | 179.6       | 36.74 | 190.9       | 40.76 | 199.8       | 43.64 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 99.90                        | 14.51 | 126.1       | 21.23 | 154.4       | 29.55 | 166.3       | 33.80 | 179.6       | 38.34 | 190.9       | 42.11 | 199.8       | 45.22 |
|        | 23                              | 99.90                        | 16.11 | 126.1       | 23.46 | 154.4       | 32.64 | 166.3       | 36.59 | 179.6       | 41.03 | 190.9       | 44.97 | 199.8       | 48.19 |
|        | 25                              | 99.90                        | 18.05 | 126.1       | 25.84 | 154.4       | 35.05 | 166.3       | 39.27 | 179.6       | 43.84 | 190.9       | 47.99 | 199.8       | 51.27 |
|        | 27                              | 99.90                        | 20.24 | 126.1       | 28.24 | 154.4       | 37.74 | 166.3       | 41.82 | 179.6       | 46.71 | 190.9       | 51.07 | 199.8       | 54.52 |
|        | 29                              | 99.90                        | 22.47 | 126.1       | 30.15 | 154.4       | 40.14 | 166.3       | 44.72 | 179.6       | 50.05 | 190.9       | 54.55 | 199.8       | 57.35 |
|        | 31                              | 99.90                        | 23.91 | 126.1       | 32.10 | 154.4       | 42.73 | 166.3       | 47.51 | 179.6       | 53.16 | 190.9       | 57.52 | 199.8       | 60.45 |
|        | 33                              | 99.90                        | 25.46 | 126.1       | 34.17 | 154.4       | 45.49 | 166.3       | 50.49 | 179.6       | 56.56 | 190.9       | 60.74 | 199.8       | 63.82 |
|        | 35                              | 99.90                        | 27.10 | 126.1       | 36.40 | 154.4       | 48.38 | 166.3       | 53.74 | 179.6       | 60.00 | 190.9       | 64.24 | 199.8       | 67.54 |
|        | 37                              | 99.90                        | 28.86 | 126.1       | 38.77 | 154.4       | 51.51 | 166.3       | 57.28 | 179.6       | 63.53 | 190.9       | 68.11 | 195.8       | 69.08 |
|        | 39                              | 99.90                        | 30.75 | 126.1       | 41.32 | 154.4       | 54.89 | 166.3       | 59.88 | 179.6       | 64.60 | 181.4       | 65.19 | 181.7       | 65.24 |
|        | 41                              | 99.90                        | 32.76 | 126.1       | 44.06 | 154.4       | 56.62 | 166.3       | 60.92 | 167.6       | 61.39 | 167.4       | 61.34 | 167.4       | 61.34 |
|        | 43                              | 99.90                        | 34.91 | 126.1       | 47.01 | 153.9       | 57.87 | 154.0       | 57.93 | 154.0       | 57.90 | 153.7       | 57.85 | 153.8       | 57.85 |
|        | 46                              | 99.90                        | 38.40 | 126.1       | 49.77 | 134.4       | 53.38 | 134.4       | 53.36 | 134.4       | 53.34 | 134.4       | 53.35 | 134.2       | 53.28 |
|        | 48                              | 99.90                        | 40.93 | 122.4       | 51.01 | 122.4       | 50.98 | 122.4       | 50.98 | 122.3       | 50.92 | 122.2       | 50.93 | 122.2       | 50.92 |
|        | 50                              | 99.90                        | 43.29 | 111.0       | 48.12 | 110.8       | 48.02 | 110.7       | 48.00 | 110.7       | 47.98 | 110.7       | 47.97 | 110.7       | 47.97 |
| 100    | 52                              | 97.80                        | 42.20 | 98.40       | 42.54 | 99.60       | 41.36 | 99.70       | 41.02 | 99.90       | 40.69 | 99.50       | 40.39 | 99.90       | 39.99 |
|        | 10                              | 90.80                        | 9.20  | 114.7       | 11.67 | 140.4       | 15.16 | 151.2       | 17.07 | 163.3       | 19.55 | 173.6       | 22.01 | 181.7       | 24.12 |
|        | 12                              | 90.80                        | 10.03 | 114.7       | 12.71 | 140.4       | 16.67 | 151.2       | 18.78 | 163.3       | 21.53 | 173.6       | 24.22 | 181.7       | 26.46 |
|        | 14                              | 90.80                        | 10.20 | 114.7       | 13.46 | 140.4       | 18.33 | 151.2       | 20.69 | 163.3       | 23.70 | 173.6       | 26.61 | 181.7       | 29.01 |
|        | 16                              | 90.80                        | 10.34 | 114.7       | 14.22 | 140.4       | 19.99 | 151.2       | 22.77 | 163.3       | 26.09 | 173.6       | 29.25 | 181.7       | 31.79 |
|        | 18                              | 90.80                        | 10.86 | 114.7       | 15.66 | 140.4       | 21.93 | 151.2       | 24.83 | 163.3       | 28.69 | 173.6       | 31.81 | 181.7       | 34.36 |
|        | 20                              | 90.80                        | 11.92 | 114.7       | 17.22 | 140.4       | 24.08 | 151.2       | 27.23 | 163.3       | 31.15 | 173.6       | 34.65 | 181.7       | 37.53 |
|        | 21                              | 90.80                        | 12.56 | 114.7       | 18.08 | 140.4       | 25.20 | 151.2       | 28.61 | 163.3       | 32.66 | 173.6       | 36.30 | 181.7       | 39.07 |
|        | 23                              | 90.80                        | 14.01 | 114.7       | 20.01 | 140.4       | 27.76 | 151.2       | 31.46 | 163.3       | 35.55 | 173.6       | 39.03 | 181.7       | 41.80 |
|        | 25                              | 90.80                        | 15.64 | 114.7       | 22.36 | 140.4       | 30.62 | 151.2       | 34.21 | 163.3       | 38.20 | 173.6       | 41.79 | 181.7       | 44.59 |
|        | 27                              | 90.80                        | 17.53 | 114.7       | 24.87 | 140.4       | 32.81 | 151.2       | 36.57 | 163.3       | 41.06 | 173.6       | 44.88 | 181.7       | 47.50 |
|        | 29                              | 90.80                        | 19.83 | 114.7       | 26.61 | 140.4       | 34.93 | 151.2       | 38.90 | 163.3       | 43.60 | 173.6       | 47.63 | 181.7       | 50.93 |
|        | 31                              | 90.80                        | 21.43 | 114.7       | 28.33 | 140.4       | 37.19 | 151.2       | 41.40 | 163.3       | 46.30 | 173.6       | 50.58 | 181.7       | 54.09 |
|        | 33                              | 90.80                        | 22.81 | 114.7       | 30.17 | 140.4       | 39.60 | 151.2       | 44.09 | 163.3       | 49.20 | 173.6       | 53.78 | 181.7       | 57.50 |
|        | 35                              | 90.80                        | 24.28 | 114.7       | 32.14 | 140.4       | 42.17 | 151.2       | 46.96 | 163.3       | 52.37 | 173.6       | 57.29 | 181.7       | 60.79 |
| 90     | 37                              | 90.80                        | 25.84 | 114.7       | 34.22 | 140.4       | 44.95 | 151.2       | 50.01 | 163.3       | 55.80 | 173.6       | 61.16 | 181.7       | 64.38 |
|        | 39                              | 90.80                        | 27.52 | 114.7       | 36.45 | 140.4       | 47.95 | 151.2       | 53.29 | 163.3       | 58.84 | 173.6       | 62.51 | 180.9       | 65.06 |
|        | 41                              | 90.80                        | 29.33 | 114.7       | 38.85 | 140.4       | 51.20 | 151.2       | 55.44 | 163.3       | 59.84 | 167.4       | 61.37 | 167.6       | 61.37 |
|        | 43                              | 90.80                        | 31.25 | 114.7       | 41.40 | 140.4       | 52.83 | 151.2       | 56.85 | 153.7       | 57.87 | 154.0       | 57.92 | 154.0       | 57.90 |
|        | 46                              | 90.80                        | 34.37 | 114.7       | 44.88 | 134.5       | 53.37 | 134.6       | 53.37 | 134.6       | 53.36 | 134.6       | 53.37 | 134.4       | 53.32 |
|        | 48                              | 90.80                        | 36.63 | 114.7       | 47.61 | 122.6       | 51.01 | 122.3       | 50.98 | 122.4       | 50.97 | 122.3       | 50.94 | 122.4       | 50.95 |
|        | 50                              | 90.80                        | 39.05 | 111.0       | 48.07 | 110.9       | 48.03 | 110.9       | 48.03 | 110.7       | 47.98 | 110.7       | 47.97 | 110.7       | 47.97 |
|        | 52                              | 90.80                        | 40.11 | 98.10       | 42.39 | 98.70       | 42.29 | 99.20       | 41.80 | 99.50       | 41.27 | 99.90       | 40.76 | 99.90       | 40.37 |
|        | 10                              | 81.80                        | 8.35  | 103.2       | 10.51 | 126.3       | 13.07 | 136.1       | 14.48 | 146.9       | 16.30 | 156.3       | 18.06 | 163.6       | 19.62 |
|        | 12                              | 81.80                        | 8.91  | 103.2       | 11.34 | 126.3       | 14.32 | 136.1       | 15.91 | 146.9       | 17.94 | 156.3       | 19.90 | 163.6       | 21.61 |
|        | 14                              | 81.80                        | 9.01  | 103.2       | 11.71 | 126.3       | 15.38 | 136.1       | 17.47 | 146.9       | 19.75 | 156.3       | 21.91 | 163.6       | 23.78 |
|        | 16                              | 81.80                        | 9.23  | 103.2       | 11.98 | 126.3       | 16.72 | 136.1       | 19.03 | 146.9       | 21.72 | 156.3       | 24.13 | 163.6       | 26.17 |
|        | 18                              | 81.80                        | 9.35  | 103.2       | 13.18 | 126.3       | 18.32 | 136.1       | 20.77 | 146.9       | 23.66 | 156.3       | 26.54 | 163.6       | 28.54 |
|        | 20                              | 81.80                        | 10.32 | 103.2       | 14.56 | 126.3       | 20.29 | 136.1       | 22.85 | 146.9       | 25.96 | 156.3       | 28.89 | 163.6       | 31.33 |
|        | 21                              | 81.80                        | 10.79 | 103.2       | 15.31 | 126.3       | 21.25 | 136.1       | 23.92 | 146.9       | 27.29 | 156.3       | 30.30 | 163.6       | 32.70 |
|        | 23                              | 81.80                        | 11.99 | 103.2       | 16.97 | 126.3       | 23.49 | 136.1       | 26.38 | 146.9       | 30.03 | 156.3       | 33.26 | 163.6       | 35.69 |
|        | 25                              | 81.80                        | 13.44 | 103.2       | 18.92 | 126.3       | 26.01 | 136.1       | 29.27 | 146.9       | 32.77 | 156.3       | 36.01 | 163.6       | 38.37 |
|        | 27                              | 81.80                        | 15.03 | 103.2       | 21.30 | 126.3       | 28.29 | 136.1       | 31.39 | 146.9       | 35.08 | 156.3       | 38.44 | 163.6       | 41.16 |
|        | 29                              | 81.80                        | 17.00 | 103.2       | 23.36 | 126.3       | 30.20 | 136.1       | 33.42 | 146.9       | 37.33 | 156.3       | 40.89 | 163.6       | 43.70 |
|        | 31                              | 81.80                        | 19.14 | 103.2       | 24.87 | 126.3       | 32.15 | 136.1       | 35.59 | 146.9       | 39.73 | 156.3       | 43.52 | 163.6       | 46.42 |
|        | 33                              | 81.80                        | 20.33 | 103.2       | 26.47 | 126.3       | 34.23 | 136.1       | 37.90 | 146.9       | 42.32 | 156.3       | 46.26 | 163.6       | 49.34 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 81.80                        | 21.63 | 103.2       | 28.19 | 126.3       | 36.46 | 136.1       | 40.37 | 146.9       | 45.08 | 156.3       | 49.21 | 163.6       | 52.49 |
|        | 37                              | 81.80                        | 23.02 | 103.2       | 30.01 | 126.3       | 38.85 | 136.1       | 43.00 | 146.9       | 48.07 | 156.3       | 52.39 | 163.6       | 55.94 |
|        | 39                              | 81.80                        | 24.52 | 103.2       | 31.97 | 126.3       | 41.40 | 136.1       | 45.86 | 146.9       | 51.24 | 156.3       | 55.87 | 163.6       | 58.95 |
|        | 41                              | 81.80                        | 26.12 | 103.2       | 34.05 | 126.3       | 44.13 | 136.1       | 48.95 | 146.9       | 53.93 | 156.3       | 57.31 | 163.6       | 59.95 |
|        | 43                              | 81.80                        | 27.83 | 103.2       | 36.29 | 126.3       | 47.09 | 136.1       | 51.08 | 146.9       | 55.29 | 154.0       | 57.91 | 154.0       | 57.89 |
|        | 46                              | 81.80                        | 30.61 | 103.2       | 39.92 | 126.3       | 49.83 | 134.6       | 53.41 | 134.6       | 53.36 | 134.4       | 53.36 | 134.6       | 53.38 |
|        | 48                              | 81.80                        | 32.63 | 103.2       | 42.58 | 122.5       | 51.02 | 122.4       | 51.00 | 122.4       | 50.97 | 122.4       | 50.96 | 122.3       | 50.94 |
|        | 50                              | 81.80                        | 34.77 | 103.2       | 44.79 | 110.9       | 48.11 | 110.9       | 48.09 | 111.0       | 48.06 | 110.9       | 48.02 | 110.9       | 48.03 |
|        | 52                              | 81.80                        | 37.08 | 97.70       | 42.23 | 98.60       | 42.78 | 99.00       | 42.28 | 99.30       | 41.73 | 99.50       | 41.21 | 99.90       | 40.84 |
| 80     | 10                              | 72.60                        | 7.50  | 91.80       | 9.30  | 112.3       | 11.40 | 120.9       | 12.39 | 130.7       | 13.67 | 138.8       | 14.92 | 145.5       | 16.01 |
|        | 12                              | 72.60                        | 7.97  | 91.80       | 10.10 | 112.3       | 12.39 | 120.9       | 13.54 | 130.7       | 14.99 | 138.8       | 16.40 | 145.5       | 17.61 |
|        | 14                              | 72.60                        | 8.05  | 91.80       | 10.28 | 112.3       | 13.08 | 120.9       | 14.39 | 130.7       | 16.17 | 138.8       | 18.03 | 145.5       | 19.40 |
|        | 16                              | 72.60                        | 8.18  | 91.80       | 10.44 | 112.3       | 13.72 | 120.9       | 15.50 | 130.7       | 17.81 | 138.8       | 19.69 | 145.5       | 21.35 |
|        | 18                              | 72.60                        | 8.37  | 91.80       | 11.02 | 112.3       | 15.09 | 120.9       | 17.10 | 130.7       | 19.44 | 138.8       | 21.50 | 145.5       | 23.32 |
|        | 20                              | 72.60                        | 8.82  | 91.80       | 12.09 | 112.3       | 16.63 | 120.9       | 18.81 | 130.7       | 21.41 | 138.8       | 23.62 | 145.5       | 25.59 |
|        | 21                              | 72.60                        | 9.22  | 91.80       | 12.73 | 112.3       | 17.49 | 120.9       | 19.73 | 130.7       | 22.43 | 138.8       | 24.86 | 145.5       | 26.75 |
|        | 23                              | 72.60                        | 10.24 | 91.80       | 14.17 | 112.3       | 19.36 | 120.9       | 21.96 | 130.7       | 24.77 | 138.8       | 27.26 | 145.5       | 29.44 |
|        | 25                              | 72.60                        | 11.39 | 91.80       | 15.83 | 112.3       | 21.68 | 120.9       | 24.20 | 130.7       | 27.42 | 138.8       | 30.16 | 145.5       | 32.25 |
|        | 27                              | 72.60                        | 12.86 | 91.80       | 17.80 | 112.3       | 24.20 | 120.9       | 26.66 | 130.7       | 29.65 | 138.8       | 32.36 | 145.5       | 34.54 |
|        | 29                              | 72.60                        | 14.60 | 91.80       | 20.05 | 112.3       | 25.89 | 120.9       | 28.50 | 130.7       | 31.61 | 138.8       | 34.43 | 145.5       | 36.77 |
|        | 31                              | 72.60                        | 16.53 | 91.80       | 21.67 | 112.3       | 27.58 | 120.9       | 30.34 | 130.7       | 33.66 | 138.8       | 36.66 | 145.5       | 39.12 |
|        | 33                              | 72.60                        | 18.04 | 91.80       | 23.07 | 112.3       | 29.37 | 120.9       | 32.31 | 130.7       | 35.84 | 138.8       | 39.04 | 145.5       | 41.66 |
|        | 35                              | 72.60                        | 19.17 | 91.80       | 24.55 | 112.3       | 31.27 | 120.9       | 34.39 | 130.7       | 38.17 | 138.8       | 41.56 | 145.5       | 44.39 |
|        | 37                              | 72.60                        | 20.39 | 91.80       | 26.13 | 112.3       | 33.31 | 120.9       | 36.65 | 130.7       | 40.65 | 138.8       | 44.30 | 145.5       | 47.33 |
|        | 39                              | 72.60                        | 21.70 | 91.80       | 27.84 | 112.3       | 35.47 | 120.9       | 39.04 | 130.7       | 43.33 | 138.8       | 47.26 | 145.5       | 50.51 |
|        | 41                              | 72.60                        | 23.12 | 91.80       | 29.65 | 112.3       | 37.81 | 120.9       | 41.62 | 130.7       | 46.22 | 138.8       | 50.45 | 145.5       | 53.35 |
|        | 43                              | 72.60                        | 24.64 | 91.80       | 31.60 | 112.3       | 40.29 | 120.9       | 44.37 | 130.7       | 48.84 | 138.8       | 52.28 | 145.5       | 54.71 |
|        | 46                              | 72.60                        | 27.10 | 91.80       | 34.77 | 112.3       | 43.87 | 120.9       | 47.52 | 130.7       | 51.72 | 134.5       | 53.37 | 134.4       | 53.35 |
|        | 48                              | 72.60                        | 28.91 | 91.80       | 37.05 | 112.3       | 46.52 | 120.6       | 50.23 | 122.4       | 51.00 | 122.4       | 50.96 | 122.3       | 50.92 |
|        | 50                              | 72.60                        | 30.82 | 91.80       | 39.50 | 110.9       | 48.05 | 110.9       | 48.08 | 110.9       | 48.06 | 111.0       | 48.04 | 110.7       | 48.00 |
|        | 52                              | 72.60                        | 32.86 | 91.80       | 40.53 | 98.20       | 42.42 | 98.60       | 42.56 | 98.90       | 42.35 | 99.10       | 41.83 | 99.50       | 41.44 |
| 70     | 10                              | 63.70                        | 6.23  | 80.20       | 8.24  | 98.30       | 10.02 | 105.8       | 10.75 | 114.2       | 11.62 | 121.5       | 12.47 | 127.2       | 13.20 |
|        | 12                              | 63.70                        | 7.10  | 80.20       | 8.71  | 98.30       | 10.84 | 105.8       | 11.64 | 114.2       | 12.65 | 121.5       | 13.62 | 127.2       | 14.46 |
|        | 14                              | 63.70                        | 7.20  | 80.20       | 8.93  | 98.30       | 11.07 | 105.8       | 12.11 | 114.2       | 13.34 | 121.5       | 14.52 | 127.2       | 15.56 |
|        | 16                              | 63.70                        | 7.30  | 80.20       | 9.03  | 98.30       | 11.31 | 105.8       | 12.50 | 114.2       | 14.12 | 121.5       | 15.66 | 127.2       | 16.94 |
|        | 18                              | 63.70                        | 7.39  | 80.20       | 9.25  | 98.30       | 12.21 | 105.8       | 13.72 | 114.2       | 15.50 | 121.5       | 17.19 | 127.2       | 18.52 |
|        | 20                              | 63.70                        | 7.53  | 80.20       | 10.06 | 98.30       | 13.39 | 105.8       | 15.11 | 114.2       | 17.06 | 121.5       | 18.87 | 127.2       | 20.51 |
|        | 21                              | 63.70                        | 7.90  | 80.20       | 10.59 | 98.30       | 14.11 | 105.8       | 15.93 | 114.2       | 17.95 | 121.5       | 19.95 | 127.2       | 21.47 |
|        | 23                              | 63.70                        | 8.67  | 80.20       | 11.66 | 98.30       | 15.70 | 105.8       | 17.64 | 114.2       | 19.98 | 121.5       | 22.04 | 127.2       | 23.73 |
|        | 25                              | 63.70                        | 9.62  | 80.20       | 13.10 | 98.30       | 17.62 | 105.8       | 19.77 | 114.2       | 22.19 | 121.5       | 24.43 | 127.2       | 26.28 |
|        | 27                              | 63.70                        | 10.78 | 80.20       | 14.75 | 98.30       | 19.73 | 105.8       | 22.07 | 114.2       | 24.77 | 121.5       | 26.85 | 127.2       | 28.56 |
|        | 29                              | 63.70                        | 12.25 | 80.20       | 16.72 | 98.30       | 22.01 | 105.8       | 24.06 | 114.2       | 26.48 | 121.5       | 28.69 | 127.2       | 30.49 |
|        | 31                              | 63.70                        | 13.94 | 80.20       | 18.77 | 98.30       | 23.43 | 105.8       | 25.61 | 114.2       | 28.22 | 121.5       | 30.55 | 127.2       | 32.47 |
|        | 33                              | 63.70                        | 15.77 | 80.20       | 19.96 | 98.30       | 24.94 | 105.8       | 27.27 | 114.2       | 30.03 | 121.5       | 32.53 | 127.2       | 34.57 |
|        | 35                              | 63.70                        | 16.90 | 80.20       | 21.22 | 98.30       | 26.57 | 105.8       | 29.04 | 114.2       | 31.98 | 121.5       | 34.63 | 127.2       | 36.82 |
|        | 37                              | 63.70                        | 17.96 | 80.20       | 22.57 | 98.30       | 28.28 | 105.8       | 30.93 | 114.2       | 34.08 | 121.5       | 36.89 | 127.2       | 39.22 |
|        | 39                              | 63.70                        | 19.09 | 80.20       | 24.04 | 98.30       | 30.14 | 105.8       | 32.95 | 114.2       | 36.29 | 121.5       | 39.31 | 127.2       | 41.80 |
|        | 41                              | 63.70                        | 20.32 | 80.20       | 25.62 | 98.30       | 32.09 | 105.8       | 35.11 | 114.2       | 38.68 | 121.5       | 41.91 | 127.2       | 44.56 |
|        | 43                              | 63.70                        | 21.66 | 80.20       | 27.30 | 98.30       | 34.20 | 105.8       | 37.40 | 114.2       | 41.22 | 121.5       | 44.68 | 127.2       | 47.54 |
|        | 46                              | 63.70                        | 23.83 | 80.20       | 30.02 | 98.30       | 37.63 | 105.8       | 41.16 | 114.2       | 44.73 | 121.5       | 47.78 | 127.2       | 50.24 |
|        | 48                              | 63.70                        | 25.43 | 80.20       | 32.01 | 98.30       | 40.11 | 105.8       | 43.90 | 114.2       | 47.44 | 121.0       | 50.40 | 122.6       | 51.02 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 63.70                        | 27.12 | 80.20       | 34.11 | 98.30       | 42.77 | 105.8       | 45.82 | 111.0       | 48.10 | 110.9       | 48.03 | 110.9       | 48.07 |
|        | 52                              | 63.70                        | 28.93 | 80.20       | 36.36 | 97.60       | 42.12 | 97.90       | 42.31 | 98.40       | 42.49 | 98.70       | 42.64 | 98.90       | 42.24 |
| 60     | 10                              | 54.50                        | 4.98  | 68.80       | 6.92  | 84.20       | 8.57  | 90.70       | 9.19  | 98.00       | 9.98  | 104.2       | 10.59 | 109.1       | 11.07 |
|        | 12                              | 54.50                        | 6.30  | 68.80       | 7.57  | 84.20       | 9.15  | 90.70       | 10.00 | 98.00       | 10.81 | 104.2       | 11.45 | 109.1       | 12.01 |
|        | 14                              | 54.50                        | 6.38  | 68.80       | 7.68  | 84.20       | 9.36  | 90.70       | 10.17 | 98.00       | 11.08 | 104.2       | 11.84 | 109.1       | 12.61 |
|        | 16                              | 54.50                        | 6.46  | 68.80       | 7.76  | 84.20       | 9.47  | 90.70       | 10.31 | 98.00       | 11.32 | 104.2       | 12.17 | 109.1       | 13.12 |
|        | 18                              | 54.50                        | 6.54  | 68.80       | 7.97  | 84.20       | 9.78  | 90.70       | 10.83 | 98.00       | 12.13 | 104.2       | 13.35 | 109.1       | 14.32 |
|        | 20                              | 54.50                        | 6.62  | 68.80       | 8.26  | 84.20       | 10.70 | 90.70       | 11.89 | 98.00       | 13.41 | 104.2       | 14.72 | 109.1       | 15.93 |
|        | 21                              | 54.50                        | 6.70  | 68.80       | 8.61  | 84.20       | 11.29 | 90.70       | 12.52 | 98.00       | 14.10 | 104.2       | 15.49 | 109.1       | 16.74 |
|        | 23                              | 54.50                        | 7.28  | 68.80       | 9.55  | 84.20       | 12.57 | 90.70       | 13.99 | 98.00       | 15.67 | 104.2       | 17.19 | 109.1       | 18.52 |
|        | 25                              | 54.50                        | 8.04  | 68.80       | 10.64 | 84.20       | 13.97 | 90.70       | 15.61 | 98.00       | 17.49 | 104.2       | 19.27 | 109.1       | 20.59 |
|        | 27                              | 54.50                        | 8.96  | 68.80       | 11.90 | 84.20       | 15.69 | 90.70       | 17.51 | 98.00       | 19.57 | 104.2       | 21.56 | 109.1       | 23.05 |
|        | 29                              | 54.50                        | 10.13 | 68.80       | 13.54 | 84.20       | 17.73 | 90.70       | 19.78 | 98.00       | 21.95 | 104.2       | 23.63 | 109.1       | 24.96 |
|        | 31                              | 54.50                        | 11.63 | 68.80       | 15.48 | 84.20       | 19.73 | 90.70       | 21.40 | 98.00       | 23.38 | 104.2       | 25.14 | 109.1       | 26.57 |
|        | 33                              | 54.50                        | 13.39 | 68.80       | 17.13 | 84.20       | 20.97 | 90.70       | 22.76 | 98.00       | 24.88 | 104.2       | 26.77 | 109.1       | 28.31 |
|        | 35                              | 54.50                        | 14.66 | 68.80       | 18.19 | 84.20       | 22.32 | 90.70       | 24.23 | 98.00       | 26.49 | 104.2       | 28.51 | 109.1       | 30.15 |
|        | 37                              | 54.50                        | 15.55 | 68.80       | 19.32 | 84.20       | 23.76 | 90.70       | 25.79 | 98.00       | 28.20 | 104.2       | 30.35 | 109.1       | 32.10 |
|        | 39                              | 54.50                        | 16.67 | 68.80       | 20.58 | 84.20       | 25.31 | 90.70       | 27.47 | 98.00       | 30.04 | 104.2       | 32.34 | 109.1       | 34.20 |
|        | 41                              | 54.50                        | 17.74 | 68.80       | 21.90 | 84.20       | 26.97 | 90.70       | 29.28 | 98.00       | 32.01 | 104.2       | 34.45 | 109.1       | 36.44 |
|        | 43                              | 54.50                        | 18.89 | 68.80       | 23.34 | 84.20       | 28.73 | 90.70       | 31.19 | 98.00       | 34.09 | 104.2       | 36.71 | 109.1       | 38.83 |
|        | 46                              | 54.50                        | 20.80 | 68.80       | 25.69 | 84.20       | 31.61 | 90.70       | 34.30 | 98.00       | 37.51 | 104.2       | 40.39 | 109.1       | 42.75 |
|        | 48                              | 54.50                        | 22.19 | 68.80       | 27.39 | 84.20       | 33.68 | 90.70       | 36.55 | 98.00       | 39.98 | 104.2       | 43.06 | 109.1       | 45.11 |
|        | 50                              | 54.50                        | 23.67 | 68.80       | 29.22 | 84.20       | 35.89 | 90.70       | 38.97 | 98.00       | 42.64 | 104.2       | 45.22 | 108.6       | 47.03 |
|        | 52                              | 54.50                        | 25.29 | 68.80       | 31.16 | 84.20       | 38.25 | 90.70       | 40.03 | 97.40       | 42.04 | 98.00       | 42.30 | 98.20       | 42.42 |
| 50     | 10                              | 45.40                        | 4.00  | 57.30       | 5.34  | 70.20       | 7.12  | 75.60       | 7.75  | 81.60       | 8.35  | 86.90       | 8.82  | 91.00       | 9.20  |
|        | 12                              | 45.40                        | 5.45  | 57.30       | 6.55  | 70.20       | 7.68  | 75.60       | 8.29  | 81.60       | 8.93  | 86.90       | 9.49  | 91.00       | 10.02 |
|        | 14                              | 45.40                        | 5.63  | 57.30       | 6.63  | 70.20       | 7.84  | 75.60       | 8.39  | 81.60       | 9.03  | 86.90       | 9.64  | 91.00       | 10.19 |
|        | 16                              | 45.40                        | 5.71  | 57.30       | 6.71  | 70.20       | 7.97  | 75.60       | 8.50  | 81.60       | 9.25  | 86.90       | 9.86  | 91.00       | 10.33 |
|        | 18                              | 45.40                        | 5.73  | 57.30       | 6.81  | 70.20       | 8.05  | 75.60       | 8.69  | 81.60       | 9.38  | 86.90       | 10.20 | 91.00       | 10.88 |
|        | 20                              | 45.40                        | 5.81  | 57.30       | 6.91  | 70.20       | 8.42  | 75.60       | 9.27  | 81.60       | 10.22 | 86.90       | 11.19 | 91.00       | 12.04 |
|        | 21                              | 45.40                        | 5.85  | 57.30       | 7.03  | 70.20       | 8.88  | 75.60       | 9.75  | 81.60       | 10.79 | 86.90       | 11.79 | 91.00       | 12.58 |
|        | 23                              | 45.40                        | 6.11  | 57.30       | 7.69  | 70.20       | 9.75  | 75.60       | 10.76 | 81.60       | 12.01 | 86.90       | 13.14 | 91.00       | 14.02 |
|        | 25                              | 45.40                        | 6.67  | 57.30       | 8.51  | 70.20       | 10.95 | 75.60       | 12.07 | 81.60       | 13.36 | 86.90       | 14.59 | 91.00       | 15.62 |
|        | 27                              | 45.40                        | 7.41  | 57.30       | 9.50  | 70.20       | 12.26 | 75.60       | 13.50 | 81.60       | 15.02 | 86.90       | 16.43 | 91.00       | 17.56 |
|        | 29                              | 45.40                        | 8.31  | 57.30       | 10.86 | 70.20       | 13.89 | 75.60       | 15.32 | 81.60       | 17.04 | 86.90       | 18.64 | 91.00       | 19.85 |
|        | 31                              | 45.40                        | 9.48  | 57.30       | 12.31 | 70.20       | 15.80 | 75.60       | 17.44 | 81.60       | 19.11 | 86.90       | 20.39 | 91.00       | 21.44 |
|        | 33                              | 45.40                        | 10.96 | 57.30       | 14.27 | 70.20       | 17.31 | 75.60       | 18.76 | 81.60       | 20.30 | 86.90       | 21.69 | 91.00       | 22.81 |
|        | 35                              | 45.40                        | 12.50 | 57.30       | 15.28 | 70.20       | 18.53 | 75.60       | 19.94 | 81.60       | 21.60 | 86.90       | 23.09 | 91.00       | 24.28 |
|        | 37                              | 45.40                        | 13.43 | 57.30       | 16.38 | 70.20       | 19.69 | 75.60       | 21.21 | 81.60       | 22.99 | 86.90       | 24.56 | 91.00       | 25.86 |
|        | 39                              | 45.40                        | 14.25 | 57.30       | 17.41 | 70.20       | 20.96 | 75.60       | 22.58 | 81.60       | 24.49 | 86.90       | 26.17 | 91.00       | 27.55 |
|        | 41                              | 45.40                        | 15.14 | 57.30       | 18.51 | 70.20       | 22.32 | 75.60       | 24.05 | 81.60       | 26.07 | 86.90       | 27.88 | 91.00       | 29.34 |
|        | 43                              | 45.40                        | 16.11 | 57.30       | 19.72 | 70.20       | 23.79 | 75.60       | 25.62 | 81.60       | 27.80 | 86.90       | 29.71 | 91.00       | 31.25 |
|        | 46                              | 45.40                        | 17.76 | 57.30       | 21.73 | 70.20       | 26.20 | 75.60       | 28.21 | 81.60       | 30.58 | 86.90       | 32.68 | 91.00       | 34.38 |
|        | 48                              | 45.40                        | 19.00 | 57.30       | 23.17 | 70.20       | 27.92 | 75.60       | 30.07 | 81.60       | 32.57 | 86.90       | 34.83 | 91.00       | 36.64 |
|        | 50                              | 45.40                        | 20.36 | 57.30       | 24.73 | 70.20       | 29.78 | 75.60       | 32.04 | 81.60       | 34.72 | 86.90       | 37.11 | 91.00       | 39.05 |
|        | 52                              | 45.40                        | 21.84 | 57.30       | 26.40 | 70.20       | 31.74 | 75.60       | 34.16 | 81.60       | 37.03 | 86.90       | 38.28 | 91.00       | 40.11 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM560LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 122.4                        | 13.00 | 154.6       | 18.49 | 189.3       | 27.12 | 203.8       | 31.73 | 219.7       | 37.07 | 230.9       | 40.53 | 239.7       | 43.18 |
|        | 12                              | 122.4                        | 14.21 | 154.6       | 20.34 | 189.3       | 29.56 | 203.8       | 34.36 | 219.6       | 39.98 | 230.8       | 43.43 | 239.6       | 46.18 |
|        | 14                              | 122.4                        | 14.97 | 154.6       | 22.36 | 189.3       | 32.23 | 203.8       | 37.24 | 219.5       | 42.65 | 230.6       | 46.30 | 239.4       | 49.42 |
|        | 16                              | 122.4                        | 16.20 | 154.6       | 24.50 | 189.3       | 35.14 | 203.8       | 39.96 | 219.2       | 45.47 | 230.4       | 49.36 | 239.1       | 52.71 |
|        | 18                              | 122.4                        | 17.75 | 154.6       | 26.70 | 189.3       | 37.88 | 203.8       | 43.12 | 218.9       | 48.64 | 230.1       | 52.44 | 238.8       | 55.39 |
|        | 20                              | 122.4                        | 19.62 | 154.6       | 29.27 | 189.3       | 41.21 | 203.8       | 46.32 | 218.5       | 51.32 | 229.7       | 55.44 | 238.4       | 57.81 |
|        | 21                              | 122.4                        | 20.62 | 154.6       | 30.60 | 189.3       | 42.64 | 203.8       | 47.77 | 218.3       | 52.75 | 229.4       | 56.72 | 238.2       | 59.08 |
|        | 23                              | 122.4                        | 22.74 | 154.6       | 33.78 | 189.3       | 45.67 | 203.8       | 50.53 | 217.8       | 55.86 | 229.0       | 59.00 | 237.7       | 61.38 |
|        | 25                              | 122.4                        | 25.38 | 154.6       | 36.45 | 189.3       | 48.27 | 203.8       | 53.44 | 217.3       | 58.26 | 228.4       | 61.52 | 237.1       | 63.97 |
|        | 27                              | 122.4                        | 27.89 | 154.6       | 38.88 | 189.3       | 51.26 | 203.8       | 56.89 | 216.7       | 60.94 | 227.8       | 64.32 | 236.5       | 66.90 |
|        | 29                              | 122.4                        | 29.77 | 154.6       | 41.48 | 189.3       | 54.74 | 203.2       | 59.64 | 216.0       | 63.88 | 227.2       | 67.46 | 235.9       | 70.20 |
|        | 31                              | 122.4                        | 31.73 | 154.6       | 44.02 | 189.3       | 58.05 | 202.5       | 62.65 | 215.3       | 67.15 | 226.4       | 71.01 | 235.1       | 74.01 |
|        | 33                              | 122.4                        | 33.93 | 154.6       | 46.74 | 189.3       | 61.52 | 201.8       | 65.95 | 214.6       | 70.80 | 223.9       | 74.30 | 224.8       | 74.49 |
|        | 35                              | 122.4                        | 36.28 | 154.6       | 49.65 | 189.3       | 65.01 | 201.0       | 69.59 | 211.2       | 73.75 | 212.3       | 73.98 | 213.2       | 74.16 |
|        | 37                              | 122.4                        | 38.66 | 154.6       | 52.80 | 188.7       | 68.71 | 198.5       | 72.25 | 199.9       | 72.48 | 200.8       | 72.69 | 201.7       | 72.86 |
|        | 39                              | 122.4                        | 41.20 | 154.6       | 56.21 | 186.4       | 69.16 | 187.3       | 69.33 | 188.5       | 69.54 | 189.5       | 69.80 | 190.4       | 69.98 |
|        | 41                              | 122.4                        | 43.91 | 154.6       | 58.89 | 173.4       | 65.92 | 173.2       | 65.91 | 173.1       | 65.86 | 172.9       | 65.80 | 173.1       | 65.87 |
|        | 43                              | 122.4                        | 46.51 | 154.6       | 59.72 | 159.7       | 61.63 | 159.5       | 61.62 | 159.5       | 61.57 | 159.4       | 61.60 | 159.3       | 61.56 |
|        | 46                              | 122.4                        | 49.17 | 140.3       | 56.27 | 140.0       | 56.23 | 140.0       | 56.24 | 140.0       | 56.18 | 139.8       | 56.14 | 140.0       | 56.18 |
|        | 48                              | 122.4                        | 51.77 | 127.8       | 54.03 | 127.6       | 53.93 | 127.6       | 53.94 | 128.5       | 54.31 | 127.6       | 53.97 | 127.5       | 53.92 |
|        | 50                              | 116.4                        | 51.16 | 116.2       | 51.08 | 115.9       | 50.99 | 116.0       | 51.05 | 116.0       | 51.00 | 115.8       | 50.96 | 115.7       | 50.94 |
|        | 52                              | 103.3                        | 45.37 | 104.3       | 44.41 | 104.9       | 42.73 | 104.9       | 42.37 | 104.9       | 41.98 | 104.9       | 41.66 | 104.9       | 41.44 |
| 120    | 10                              | 113.1                        | 11.83 | 142.8       | 16.16 | 174.7       | 23.17 | 188.1       | 26.79 | 203.3       | 31.54 | 216.1       | 35.86 | 224.7       | 38.68 |
|        | 12                              | 113.1                        | 12.88 | 142.8       | 17.76 | 174.7       | 25.38 | 188.1       | 29.23 | 203.3       | 34.18 | 216.1       | 38.74 | 224.6       | 41.51 |
|        | 14                              | 113.1                        | 13.46 | 142.8       | 19.53 | 174.7       | 27.79 | 188.1       | 31.88 | 203.3       | 37.05 | 216.1       | 41.57 | 224.4       | 44.27 |
|        | 16                              | 113.1                        | 14.14 | 142.8       | 21.17 | 174.7       | 30.41 | 188.1       | 34.76 | 203.3       | 39.73 | 216.1       | 44.25 | 224.2       | 47.20 |
|        | 18                              | 113.1                        | 15.56 | 142.8       | 23.21 | 174.7       | 33.29 | 188.1       | 37.53 | 203.3       | 42.71 | 215.8       | 47.39 | 223.9       | 50.25 |
|        | 20                              | 113.1                        | 17.13 | 142.8       | 25.47 | 174.7       | 35.99 | 188.1       | 40.83 | 203.3       | 45.94 | 215.4       | 50.30 | 223.5       | 53.01 |
|        | 21                              | 113.1                        | 17.98 | 142.8       | 26.67 | 174.7       | 37.66 | 188.1       | 42.28 | 203.3       | 47.34 | 215.2       | 51.73 | 223.3       | 54.97 |
|        | 23                              | 113.1                        | 20.02 | 142.8       | 29.48 | 174.7       | 40.71 | 188.1       | 45.33 | 203.3       | 50.30 | 214.7       | 54.53 | 222.8       | 57.25 |
|        | 25                              | 113.1                        | 22.29 | 142.8       | 32.39 | 174.7       | 43.19 | 188.1       | 47.93 | 203.3       | 53.19 | 214.2       | 57.33 | 222.3       | 59.70 |
|        | 27                              | 113.1                        | 24.94 | 142.8       | 34.55 | 174.7       | 46.23 | 188.1       | 50.89 | 203.3       | 56.75 | 213.6       | 59.95 | 221.7       | 62.43 |
|        | 29                              | 113.1                        | 26.83 | 142.8       | 36.83 | 174.7       | 48.97 | 188.1       | 54.29 | 202.8       | 59.49 | 213.0       | 62.85 | 221.1       | 65.46 |
|        | 31                              | 113.1                        | 28.59 | 142.8       | 39.35 | 174.7       | 51.93 | 188.1       | 57.56 | 202.1       | 62.49 | 212.3       | 66.05 | 220.4       | 68.84 |
|        | 33                              | 113.1                        | 30.47 | 142.8       | 42.09 | 174.7       | 55.13 | 188.1       | 61.13 | 201.4       | 65.79 | 211.6       | 69.61 | 219.7       | 72.66 |
|        | 35                              | 113.1                        | 32.69 | 142.8       | 44.72 | 174.7       | 58.62 | 188.1       | 64.60 | 200.6       | 69.43 | 210.8       | 73.60 | 212.1       | 73.96 |
|        | 37                              | 113.1                        | 34.84 | 142.8       | 47.54 | 174.7       | 62.47 | 187.8       | 68.34 | 198.8       | 72.27 | 199.8       | 72.48 | 200.4       | 72.61 |
|        | 39                              | 113.1                        | 37.10 | 142.8       | 50.56 | 174.7       | 65.02 | 186.4       | 69.17 | 187.5       | 69.36 | 188.4       | 69.55 | 189.2       | 69.72 |
|        | 41                              | 113.1                        | 39.54 | 142.8       | 53.83 | 173.4       | 65.92 | 173.2       | 65.88 | 173.1       | 65.83 | 172.9       | 65.82 | 172.9       | 65.80 |
|        | 43                              | 113.1                        | 42.17 | 142.8       | 55.12 | 159.7       | 61.68 | 159.7       | 61.63 | 159.5       | 61.59 | 159.5       | 61.59 | 159.4       | 61.60 |
|        | 46                              | 113.1                        | 45.59 | 140.3       | 56.33 | 140.0       | 56.18 | 140.0       | 56.18 | 140.0       | 56.20 | 140.0       | 56.20 | 140.0       | 56.17 |
|        | 48                              | 113.1                        | 47.79 | 127.8       | 54.03 | 127.8       | 54.03 | 127.8       | 54.01 | 127.6       | 53.97 | 127.6       | 53.94 | 127.6       | 53.89 |
|        | 50                              | 113.1                        | 49.72 | 116.2       | 51.06 | 116.0       | 51.05 | 116.0       | 51.04 | 115.9       | 51.03 | 114.8       | 50.52 | 115.9       | 50.94 |
|        | 52                              | 103.2                        | 45.30 | 103.9       | 45.08 | 104.9       | 43.41 | 104.9       | 43.10 | 104.9       | 42.73 | 104.9       | 42.42 | 104.9       | 42.26 |
| 110    | 10                              | 103.6                        | 10.85 | 130.8       | 14.20 | 160.1       | 19.70 | 172.5       | 22.62 | 186.2       | 26.27 | 198.0       | 29.83 | 207.2       | 32.97 |
|        | 12                              | 103.6                        | 11.67 | 130.8       | 15.56 | 160.1       | 21.66 | 172.5       | 24.79 | 186.2       | 28.68 | 198.0       | 32.42 | 207.2       | 35.65 |
|        | 14                              | 103.6                        | 12.00 | 130.8       | 16.68 | 160.1       | 23.81 | 172.5       | 27.16 | 186.2       | 31.29 | 198.0       | 35.22 | 207.2       | 38.56 |
|        | 16                              | 103.6                        | 12.40 | 130.8       | 18.20 | 160.1       | 26.08 | 172.5       | 29.74 | 186.2       | 34.15 | 198.0       | 37.91 | 207.2       | 41.24 |
|        | 18                              | 103.6                        | 13.46 | 130.8       | 19.89 | 160.1       | 28.62 | 172.5       | 32.55 | 186.2       | 36.81 | 198.0       | 41.00 | 207.2       | 44.27 |
|        | 20                              | 103.6                        | 14.86 | 130.8       | 21.93 | 160.1       | 31.24 | 172.5       | 35.30 | 186.2       | 40.07 | 198.0       | 44.35 | 207.2       | 47.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 103.6                        | 15.63 | 130.8       | 22.99 | 160.1       | 32.57 | 172.5       | 36.93 | 186.2       | 41.74 | 198.0       | 45.75 | 207.2       | 49.00 |
|        | 23                               | 103.6                        | 17.36 | 130.8       | 25.50 | 160.1       | 35.85 | 172.5       | 39.86 | 186.2       | 44.60 | 198.0       | 48.58 | 207.2       | 51.71 |
|        | 25                               | 103.6                        | 19.49 | 130.8       | 28.16 | 160.1       | 38.19 | 172.5       | 42.51 | 186.2       | 47.21 | 198.0       | 51.43 | 207.1       | 54.64 |
|        | 27                               | 103.6                        | 21.82 | 130.8       | 30.56 | 160.1       | 41.01 | 172.5       | 45.09 | 186.2       | 50.14 | 198.0       | 54.54 | 206.5       | 57.79 |
|        | 29                               | 103.6                        | 24.07 | 130.8       | 32.55 | 160.1       | 43.47 | 172.5       | 48.10 | 186.2       | 53.57 | 198.0       | 58.07 | 205.9       | 60.57 |
|        | 31                               | 103.6                        | 25.60 | 130.8       | 34.78 | 160.1       | 46.11 | 172.5       | 51.01 | 186.2       | 56.79 | 197.9       | 61.09 | 205.3       | 63.65 |
|        | 33                               | 103.6                        | 27.36 | 130.8       | 37.12 | 160.1       | 48.95 | 172.5       | 54.15 | 186.2       | 60.34 | 197.2       | 64.31 | 204.6       | 67.02 |
|        | 35                               | 103.6                        | 29.16 | 130.8       | 39.67 | 160.1       | 52.02 | 172.5       | 57.58 | 186.2       | 63.96 | 196.4       | 67.83 | 203.8       | 70.75 |
|        | 37                               | 103.6                        | 31.25 | 130.8       | 42.26 | 160.1       | 55.33 | 172.5       | 61.33 | 186.2       | 67.72 | 195.7       | 71.71 | 199.0       | 72.30 |
|        | 39                               | 103.6                        | 33.31 | 130.8       | 45.07 | 160.1       | 58.96 | 172.5       | 64.21 | 185.4       | 68.85 | 187.0       | 69.26 | 188.0       | 69.46 |
|        | 41                               | 103.6                        | 35.48 | 130.8       | 48.09 | 160.1       | 60.97 | 172.5       | 65.59 | 173.4       | 65.93 | 173.1       | 65.88 | 173.1       | 65.89 |
|        | 43                               | 103.6                        | 37.82 | 130.8       | 50.51 | 159.7       | 61.64 | 159.7       | 61.68 | 159.7       | 61.65 | 159.5       | 61.63 | 159.5       | 61.60 |
|        | 46                               | 103.6                        | 41.19 | 130.8       | 52.52 | 140.0       | 56.26 | 140.0       | 56.23 | 140.0       | 56.24 | 140.0       | 56.24 | 139.8       | 56.16 |
|        | 48                               | 103.6                        | 43.60 | 127.8       | 54.05 | 127.8       | 54.02 | 127.8       | 54.02 | 127.8       | 53.99 | 127.6       | 53.98 | 127.6       | 53.96 |
|        | 50                               | 103.6                        | 45.59 | 116.2       | 51.16 | 116.0       | 51.04 | 116.0       | 51.04 | 115.9       | 51.00 | 115.9       | 50.98 | 115.9       | 50.99 |
| 100    | 52                               | 102.6                        | 45.03 | 103.5       | 45.49 | 104.5       | 44.23 | 104.7       | 43.91 | 104.9       | 43.59 | 104.0       | 43.06 | 104.9       | 42.88 |
|        | 10                               | 94.10                        | 9.99  | 119.0       | 12.55 | 145.6       | 16.67 | 156.8       | 18.95 | 169.4       | 21.87 | 180.0       | 24.57 | 188.5       | 26.91 |
|        | 12                               | 94.10                        | 10.57 | 119.0       | 13.71 | 145.6       | 18.33 | 156.8       | 20.83 | 169.4       | 23.99 | 180.0       | 26.88 | 188.5       | 29.35 |
|        | 14                               | 94.10                        | 10.79 | 119.0       | 14.41 | 145.6       | 20.16 | 156.8       | 22.92 | 169.4       | 26.29 | 180.0       | 29.38 | 188.5       | 32.00 |
|        | 16                               | 94.10                        | 10.94 | 119.0       | 15.46 | 145.6       | 21.92 | 156.8       | 25.19 | 169.4       | 28.83 | 180.0       | 32.12 | 188.5       | 34.90 |
|        | 18                               | 94.10                        | 11.69 | 119.0       | 16.98 | 145.6       | 24.02 | 156.8       | 27.34 | 169.4       | 31.58 | 180.0       | 34.82 | 188.5       | 37.59 |
|        | 20                               | 94.10                        | 12.84 | 119.0       | 18.67 | 145.6       | 26.37 | 156.8       | 29.97 | 169.4       | 34.19 | 180.0       | 37.82 | 188.5       | 40.91 |
|        | 21                               | 94.10                        | 13.53 | 119.0       | 19.57 | 145.6       | 27.62 | 156.8       | 31.48 | 169.4       | 35.77 | 180.0       | 39.55 | 188.5       | 42.52 |
|        | 23                               | 94.10                        | 15.06 | 119.0       | 21.67 | 145.6       | 30.53 | 156.8       | 34.51 | 169.4       | 38.81 | 180.0       | 42.47 | 188.5       | 45.40 |
|        | 25                               | 94.10                        | 16.79 | 119.0       | 24.22 | 145.6       | 33.38 | 156.8       | 37.24 | 169.4       | 41.44 | 180.0       | 45.09 | 188.5       | 47.98 |
|        | 27                               | 94.10                        | 18.87 | 119.0       | 26.84 | 145.6       | 35.56 | 156.8       | 39.85 | 169.4       | 44.29 | 180.0       | 48.26 | 188.5       | 50.95 |
|        | 29                               | 94.10                        | 21.20 | 119.0       | 28.65 | 145.6       | 37.92 | 156.8       | 42.25 | 169.4       | 46.93 | 180.0       | 51.10 | 188.5       | 54.46 |
|        | 31                               | 94.10                        | 22.85 | 119.0       | 30.53 | 145.6       | 40.65 | 156.8       | 44.82 | 169.4       | 49.77 | 180.0       | 54.17 | 188.5       | 57.73 |
|        | 33                               | 94.10                        | 24.38 | 119.0       | 32.59 | 145.6       | 43.17 | 156.8       | 47.59 | 169.4       | 52.82 | 180.0       | 57.52 | 188.5       | 61.28 |
| 90     | 35                               | 94.10                        | 26.01 | 119.0       | 34.92 | 145.6       | 45.85 | 156.8       | 50.53 | 169.4       | 56.16 | 180.0       | 61.21 | 188.5       | 64.74 |
|        | 37                               | 94.10                        | 27.74 | 119.0       | 37.19 | 145.6       | 48.74 | 156.8       | 53.77 | 169.4       | 59.80 | 180.0       | 65.31 | 188.1       | 68.47 |
|        | 39                               | 94.10                        | 29.73 | 119.0       | 39.63 | 145.6       | 51.86 | 156.8       | 57.27 | 169.4       | 63.11 | 180.0       | 66.96 | 186.5       | 69.19 |
|        | 41                               | 94.10                        | 31.69 | 119.0       | 42.25 | 145.6       | 55.22 | 156.8       | 59.69 | 169.4       | 64.43 | 173.2       | 65.90 | 173.4       | 65.91 |
|        | 43                               | 94.10                        | 33.77 | 119.0       | 44.87 | 145.6       | 56.21 | 156.8       | 60.53 | 159.5       | 61.65 | 159.7       | 61.67 | 159.7       | 61.65 |
|        | 46                               | 94.10                        | 37.01 | 119.0       | 47.74 | 140.0       | 56.24 | 140.2       | 56.25 | 140.2       | 56.26 | 140.2       | 56.26 | 140.0       | 56.18 |
|        | 48                               | 94.10                        | 39.18 | 119.0       | 50.29 | 128.0       | 54.09 | 127.8       | 54.06 | 127.8       | 54.00 | 127.8       | 54.00 | 127.8       | 54.00 |
|        | 50                               | 94.10                        | 41.28 | 116.2       | 51.10 | 116.2       | 51.08 | 116.2       | 51.07 | 116.0       | 51.02 | 116.0       | 51.00 | 116.0       | 50.99 |
|        | 52                               | 94.10                        | 41.38 | 103.2       | 45.30 | 103.1       | 44.91 | 104.1       | 44.68 | 104.5       | 44.15 | 104.9       | 43.65 | 104.9       | 43.24 |
|        | 10                               | 84.80                        | 9.09  | 107.0       | 11.20 | 131.0       | 14.21 | 141.1       | 15.86 | 152.3       | 18.03 | 162.1       | 20.14 | 169.7       | 21.95 |
|        | 12                               | 84.80                        | 9.36  | 107.0       | 12.13 | 131.0       | 15.59 | 141.1       | 17.44 | 152.3       | 19.83 | 162.1       | 22.15 | 169.7       | 24.07 |
|        | 14                               | 84.80                        | 9.50  | 107.0       | 12.45 | 131.0       | 16.71 | 141.1       | 19.16 | 152.3       | 21.82 | 162.1       | 24.35 | 169.7       | 26.38 |
|        | 16                               | 84.80                        | 9.72  | 107.0       | 12.90 | 131.0       | 18.22 | 141.1       | 20.90 | 152.3       | 23.98 | 162.1       | 26.65 | 169.7       | 28.92 |
|        | 18                               | 84.80                        | 9.95  | 107.0       | 14.25 | 131.0       | 19.90 | 141.1       | 22.68 | 152.3       | 25.95 | 162.1       | 29.22 | 169.7       | 31.42 |
|        | 20                               | 84.80                        | 11.07 | 107.0       | 15.70 | 131.0       | 21.99 | 141.1       | 24.96 | 152.3       | 28.47 | 162.1       | 31.86 | 169.7       | 34.37 |
|        | 21                               | 84.80                        | 11.57 | 107.0       | 16.53 | 131.0       | 23.02 | 141.1       | 26.15 | 152.3       | 29.97 | 162.1       | 33.35 | 169.7       | 35.82 |
|        | 23                               | 84.80                        | 12.86 | 107.0       | 18.32 | 131.0       | 25.53 | 141.1       | 28.97 | 152.3       | 32.94 | 162.1       | 36.49 | 169.7       | 38.96 |
|        | 25                               | 84.80                        | 14.44 | 107.0       | 20.40 | 131.0       | 28.34 | 141.1       | 31.86 | 152.3       | 35.66 | 162.1       | 39.18 | 169.7       | 41.60 |
|        | 27                               | 84.80                        | 16.09 | 107.0       | 22.97 | 131.0       | 30.61 | 141.1       | 33.96 | 152.3       | 38.06 | 162.1       | 41.69 | 169.7       | 44.39 |
|        | 29                               | 84.80                        | 18.23 | 107.0       | 25.00 | 131.0       | 32.66 | 141.1       | 36.27 | 152.3       | 40.69 | 162.1       | 44.20 | 169.7       | 47.03 |
|        | 31                               | 84.80                        | 20.30 | 107.0       | 26.66 | 131.0       | 34.85 | 141.1       | 38.88 | 152.3       | 43.19 | 162.1       | 46.88 | 169.7       | 49.89 |
|        | 33                               | 84.80                        | 21.65 | 107.0       | 28.48 | 131.0       | 37.30 | 141.1       | 41.40 | 152.3       | 45.86 | 162.1       | 49.76 | 169.7       | 52.96 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 84.80                        | 23.06 | 107.0       | 30.36 | 131.0       | 39.73 | 141.1       | 44.06 | 152.3       | 48.70 | 162.1       | 52.87 | 169.7       | 56.28 |
|        | 37                              | 84.80                        | 24.60 | 107.0       | 32.52 | 131.0       | 42.35 | 141.1       | 46.81 | 152.3       | 51.79 | 162.1       | 56.26 | 169.7       | 59.94 |
|        | 39                              | 84.80                        | 26.27 | 107.0       | 34.66 | 131.0       | 45.15 | 141.1       | 49.80 | 152.3       | 55.12 | 162.1       | 59.98 | 169.7       | 63.22 |
|        | 41                              | 84.80                        | 28.03 | 107.0       | 36.92 | 131.0       | 48.18 | 141.1       | 53.02 | 152.3       | 58.06 | 162.1       | 61.71 | 169.7       | 64.54 |
|        | 43                              | 84.80                        | 29.99 | 107.0       | 39.36 | 131.0       | 50.58 | 141.1       | 54.49 | 152.3       | 58.86 | 159.7       | 61.70 | 159.7       | 61.68 |
|        | 46                              | 84.80                        | 32.99 | 107.0       | 42.75 | 131.0       | 52.58 | 140.3       | 56.32 | 140.3       | 56.27 | 140.0       | 56.26 | 140.2       | 56.27 |
|        | 48                              | 84.80                        | 34.98 | 107.0       | 45.27 | 128.1       | 54.12 | 127.8       | 54.07 | 127.8       | 54.03 | 127.8       | 54.01 | 127.8       | 54.01 |
|        | 50                              | 84.80                        | 36.86 | 107.0       | 47.09 | 116.2       | 51.16 | 116.2       | 51.14 | 116.2       | 51.08 | 116.2       | 51.06 | 116.2       | 51.06 |
|        | 52                              | 84.80                        | 38.30 | 102.8       | 45.15 | 103.6       | 45.69 | 104.0       | 45.18 | 104.3       | 44.63 | 104.5       | 44.13 | 104.9       | 43.75 |
| 80     | 10                              | 75.30                        | 8.07  | 95.20       | 10.08 | 116.5       | 12.24 | 125.4       | 13.40 | 135.5       | 14.91 | 144.0       | 16.39 | 150.9       | 17.68 |
|        | 12                              | 75.30                        | 8.34  | 95.20       | 10.70 | 116.5       | 13.34 | 125.4       | 14.67 | 135.5       | 16.37 | 144.0       | 18.02 | 150.9       | 19.45 |
|        | 14                              | 75.30                        | 8.46  | 95.20       | 10.88 | 116.5       | 13.95 | 125.4       | 15.54 | 135.5       | 17.70 | 144.0       | 19.82 | 150.9       | 21.41 |
|        | 16                              | 75.30                        | 8.59  | 95.20       | 11.04 | 116.5       | 14.91 | 125.4       | 16.88 | 135.5       | 19.40 | 144.0       | 21.58 | 150.9       | 23.54 |
|        | 18                              | 75.30                        | 8.81  | 95.20       | 11.86 | 116.5       | 16.39 | 125.4       | 18.58 | 135.5       | 21.14 | 144.0       | 23.54 | 150.9       | 25.57 |
|        | 20                              | 75.30                        | 9.41  | 95.20       | 13.00 | 116.5       | 18.01 | 125.4       | 20.41 | 135.5       | 23.31 | 144.0       | 25.82 | 150.9       | 28.06 |
|        | 21                              | 75.30                        | 9.84  | 95.20       | 13.68 | 116.5       | 18.92 | 125.4       | 21.43 | 135.5       | 24.38 | 144.0       | 27.19 | 150.9       | 29.34 |
|        | 23                              | 75.30                        | 10.94 | 95.20       | 15.23 | 116.5       | 20.96 | 125.4       | 23.76 | 135.5       | 27.02 | 144.0       | 29.97 | 150.9       | 32.43 |
|        | 25                              | 75.30                        | 12.17 | 95.20       | 17.02 | 116.5       | 23.40 | 125.4       | 26.35 | 135.5       | 29.90 | 144.0       | 32.84 | 150.9       | 35.12 |
|        | 27                              | 75.30                        | 13.72 | 95.20       | 19.12 | 116.5       | 26.12 | 125.4       | 28.86 | 135.5       | 32.07 | 144.0       | 35.03 | 150.9       | 37.45 |
|        | 29                              | 75.30                        | 15.60 | 95.20       | 21.41 | 116.5       | 27.84 | 125.4       | 30.76 | 135.5       | 34.21 | 144.0       | 37.39 | 150.9       | 39.98 |
|        | 31                              | 75.30                        | 17.56 | 95.20       | 23.13 | 116.5       | 29.74 | 125.4       | 32.82 | 135.5       | 36.56 | 144.0       | 40.07 | 150.9       | 42.58 |
|        | 33                              | 75.30                        | 19.07 | 95.20       | 24.68 | 116.5       | 31.75 | 125.4       | 35.04 | 135.5       | 39.09 | 144.0       | 42.61 | 150.9       | 45.21 |
|        | 35                              | 75.30                        | 20.31 | 95.20       | 26.32 | 116.5       | 33.96 | 125.4       | 37.44 | 135.5       | 41.65 | 144.0       | 45.25 | 150.9       | 48.03 |
|        | 37                              | 75.30                        | 21.67 | 95.20       | 28.07 | 116.5       | 36.19 | 125.4       | 39.90 | 135.5       | 44.37 | 144.0       | 48.10 | 150.9       | 51.07 |
|        | 39                              | 75.30                        | 23.10 | 95.20       | 30.08 | 116.5       | 38.54 | 125.4       | 42.52 | 135.5       | 47.28 | 144.0       | 51.18 | 150.9       | 54.35 |
|        | 41                              | 75.30                        | 24.67 | 95.20       | 32.05 | 116.5       | 41.10 | 125.4       | 45.36 | 135.5       | 50.32 | 144.0       | 54.50 | 150.9       | 57.44 |
|        | 43                              | 75.30                        | 26.35 | 95.20       | 34.15 | 116.5       | 43.82 | 125.4       | 47.87 | 135.5       | 52.31 | 144.0       | 55.64 | 150.9       | 58.23 |
|        | 46                              | 75.30                        | 29.13 | 95.20       | 37.43 | 116.5       | 46.74 | 125.4       | 50.34 | 135.5       | 54.38 | 140.0       | 56.23 | 140.0       | 56.24 |
|        | 48                              | 75.30                        | 31.07 | 95.20       | 39.62 | 116.5       | 49.21 | 125.4       | 53.02 | 127.8       | 54.07 | 127.8       | 54.01 | 127.8       | 53.99 |
|        | 50                              | 75.30                        | 33.13 | 95.20       | 41.75 | 116.2       | 51.10 | 116.2       | 51.12 | 116.2       | 51.10 | 116.2       | 51.07 | 116.0       | 51.05 |
|        | 52                              | 75.30                        | 35.33 | 95.20       | 41.80 | 103.1       | 45.31 | 103.5       | 45.44 | 104.0       | 45.26 | 104.1       | 44.73 | 104.5       | 44.35 |
| 70     | 10                              | 66.00                        | 6.67  | 83.20       | 8.95  | 101.9       | 10.67 | 109.7       | 11.48 | 118.5       | 12.49 | 126.0       | 13.50 | 131.9       | 14.36 |
|        | 12                              | 66.00                        | 7.39  | 83.20       | 9.16  | 101.9       | 11.46 | 109.7       | 12.46 | 118.5       | 13.64 | 126.0       | 14.77 | 131.9       | 15.75 |
|        | 14                              | 66.00                        | 7.50  | 83.20       | 9.38  | 101.9       | 11.75 | 109.7       | 12.87 | 118.5       | 14.27 | 126.0       | 15.69 | 131.9       | 16.99 |
|        | 16                              | 66.00                        | 7.60  | 83.20       | 9.52  | 101.9       | 12.07 | 109.7       | 13.48 | 118.5       | 15.32 | 126.0       | 17.03 | 131.9       | 18.47 |
|        | 18                              | 66.00                        | 7.71  | 83.20       | 9.81  | 101.9       | 13.18 | 109.7       | 14.84 | 118.5       | 16.83 | 126.0       | 18.68 | 131.9       | 20.16 |
|        | 20                              | 66.00                        | 7.97  | 83.20       | 10.75 | 101.9       | 14.44 | 109.7       | 16.36 | 118.5       | 18.50 | 126.0       | 20.51 | 131.9       | 22.22 |
|        | 21                              | 66.00                        | 8.38  | 83.20       | 11.31 | 101.9       | 15.23 | 109.7       | 17.19 | 118.5       | 19.46 | 126.0       | 21.64 | 131.9       | 23.29 |
|        | 23                              | 66.00                        | 9.20  | 83.20       | 12.52 | 101.9       | 16.92 | 109.7       | 19.03 | 118.5       | 21.61 | 126.0       | 23.87 | 131.9       | 25.84 |
|        | 25                              | 66.00                        | 10.23 | 83.20       | 14.03 | 101.9       | 18.98 | 109.7       | 21.34 | 118.5       | 24.04 | 126.0       | 26.60 | 131.9       | 28.64 |
|        | 27                              | 66.00                        | 11.45 | 83.20       | 15.79 | 101.9       | 21.23 | 109.7       | 23.81 | 118.5       | 26.77 | 126.0       | 29.00 | 131.9       | 30.87 |
|        | 29                              | 66.00                        | 13.03 | 83.20       | 17.91 | 101.9       | 23.56 | 109.7       | 25.80 | 118.5       | 28.51 | 126.0       | 30.96 | 131.9       | 32.95 |
|        | 31                              | 66.00                        | 14.85 | 83.20       | 19.91 | 101.9       | 25.07 | 109.7       | 27.50 | 118.5       | 30.41 | 126.0       | 33.04 | 131.9       | 35.21 |
|        | 33                              | 66.00                        | 16.56 | 83.20       | 21.20 | 101.9       | 26.78 | 109.7       | 29.37 | 118.5       | 32.46 | 126.0       | 35.26 | 131.9       | 37.68 |
|        | 35                              | 66.00                        | 17.81 | 83.20       | 22.58 | 101.9       | 28.57 | 109.7       | 31.37 | 118.5       | 34.75 | 126.0       | 37.70 | 131.9       | 40.14 |
|        | 37                              | 66.00                        | 18.98 | 83.20       | 24.08 | 101.9       | 30.61 | 109.7       | 33.54 | 118.5       | 37.04 | 126.0       | 40.17 | 131.9       | 42.76 |
|        | 39                              | 66.00                        | 20.21 | 83.20       | 25.72 | 101.9       | 32.63 | 109.7       | 35.74 | 118.5       | 39.46 | 126.0       | 42.82 | 131.9       | 45.60 |
|        | 41                              | 66.00                        | 21.55 | 83.20       | 27.45 | 101.9       | 34.75 | 109.7       | 38.09 | 118.5       | 42.07 | 126.0       | 45.68 | 131.9       | 48.66 |
|        | 43                              | 66.00                        | 23.04 | 83.20       | 29.40 | 101.9       | 37.04 | 109.7       | 40.60 | 118.5       | 44.68 | 126.0       | 48.19 | 131.9       | 51.04 |
|        | 46                              | 66.00                        | 25.44 | 83.20       | 32.35 | 101.9       | 40.40 | 109.7       | 44.01 | 118.5       | 47.59 | 126.0       | 50.60 | 131.9       | 52.97 |
|        | 48                              | 66.00                        | 27.24 | 83.20       | 34.33 | 101.9       | 42.76 | 109.7       | 46.61 | 118.5       | 50.12 | 126.0       | 53.28 | 128.0       | 54.09 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 66.00                        | 29.06 | 83.20       | 36.16 | 101.9       | 45.07 | 109.7       | 48.25 | 116.2       | 51.15 | 116.2       | 51.09 | 116.2       | 51.12 |
|        | 52                              | 66.00                        | 30.99 | 83.20       | 37.57 | 101.9       | 44.73 | 103.0       | 45.22 | 103.3       | 45.37 | 103.8       | 45.56 | 103.9       | 45.15 |
| 60     | 10                              | 56.50                        | 5.33  | 71.40       | 7.44  | 87.30       | 9.36  | 94.10       | 9.99  | 101.6       | 10.64 | 108.1       | 11.29 | 113.1       | 11.85 |
|        | 12                              | 56.50                        | 6.52  | 71.40       | 7.91  | 87.30       | 9.65  | 94.10       | 10.54 | 101.6       | 11.44 | 108.1       | 12.25 | 113.1       | 12.90 |
|        | 14                              | 56.50                        | 6.60  | 71.40       | 8.02  | 87.30       | 9.87  | 94.10       | 10.76 | 101.6       | 11.74 | 108.1       | 12.64 | 113.1       | 13.44 |
|        | 16                              | 56.50                        | 6.69  | 71.40       | 8.13  | 87.30       | 10.01 | 94.10       | 10.91 | 101.6       | 12.09 | 108.1       | 13.10 | 113.1       | 14.23 |
|        | 18                              | 56.50                        | 6.79  | 71.40       | 8.33  | 87.30       | 10.45 | 94.10       | 11.66 | 101.6       | 13.08 | 108.1       | 14.43 | 113.1       | 15.54 |
|        | 20                              | 56.50                        | 6.87  | 71.40       | 8.78  | 87.30       | 11.46 | 94.10       | 12.82 | 101.6       | 14.45 | 108.1       | 15.92 | 113.1       | 17.24 |
|        | 21                              | 56.50                        | 7.03  | 71.40       | 9.16  | 87.30       | 12.12 | 94.10       | 13.48 | 101.6       | 15.20 | 108.1       | 16.75 | 113.1       | 18.08 |
|        | 23                              | 56.50                        | 7.65  | 71.40       | 10.19 | 87.30       | 13.48 | 94.10       | 15.03 | 101.6       | 16.89 | 108.1       | 18.54 | 113.1       | 20.06 |
|        | 25                              | 56.50                        | 8.50  | 71.40       | 11.34 | 87.30       | 14.99 | 94.10       | 16.76 | 101.6       | 18.84 | 108.1       | 20.84 | 113.1       | 22.28 |
|        | 27                              | 56.50                        | 9.51  | 71.40       | 12.67 | 87.30       | 16.83 | 94.10       | 18.84 | 101.6       | 21.13 | 108.1       | 23.27 | 113.1       | 24.90 |
|        | 29                              | 56.50                        | 10.72 | 71.40       | 14.41 | 87.30       | 19.02 | 94.10       | 21.15 | 101.6       | 23.47 | 108.1       | 25.33 | 113.1       | 26.83 |
|        | 31                              | 56.50                        | 12.32 | 71.40       | 16.49 | 87.30       | 21.00 | 94.10       | 22.82 | 101.6       | 25.03 | 108.1       | 27.00 | 113.1       | 28.59 |
|        | 33                              | 56.50                        | 14.14 | 71.40       | 18.07 | 87.30       | 22.35 | 94.10       | 24.33 | 101.6       | 26.70 | 108.1       | 28.84 | 113.1       | 30.55 |
|        | 35                              | 56.50                        | 15.34 | 71.40       | 19.20 | 87.30       | 23.85 | 94.10       | 25.96 | 101.6       | 28.47 | 108.1       | 30.76 | 113.1       | 32.72 |
|        | 37                              | 56.50                        | 16.31 | 71.40       | 20.48 | 87.30       | 25.46 | 94.10       | 27.68 | 101.6       | 30.40 | 108.1       | 32.90 | 113.1       | 34.84 |
|        | 39                              | 56.50                        | 17.52 | 71.40       | 21.85 | 87.30       | 27.17 | 94.10       | 29.67 | 101.6       | 32.51 | 108.1       | 35.07 | 113.1       | 37.13 |
|        | 41                              | 56.50                        | 18.70 | 71.40       | 23.33 | 87.30       | 29.08 | 94.10       | 31.63 | 101.6       | 34.65 | 108.1       | 37.36 | 113.1       | 39.57 |
|        | 43                              | 56.50                        | 19.96 | 71.40       | 24.87 | 87.30       | 30.98 | 94.10       | 33.71 | 101.6       | 36.92 | 108.1       | 39.83 | 113.1       | 42.19 |
|        | 46                              | 56.50                        | 22.04 | 71.40       | 27.57 | 87.30       | 34.10 | 94.10       | 36.94 | 101.6       | 40.27 | 108.1       | 43.23 | 113.1       | 45.61 |
|        | 48                              | 56.50                        | 23.52 | 71.40       | 29.40 | 87.30       | 36.10 | 94.10       | 39.10 | 101.6       | 42.63 | 108.1       | 45.76 | 113.1       | 47.81 |
|        | 50                              | 56.50                        | 25.27 | 71.40       | 31.37 | 87.30       | 38.02 | 94.10       | 41.20 | 101.6       | 44.93 | 108.1       | 47.52 | 113.1       | 49.75 |
|        | 52                              | 56.50                        | 26.99 | 71.40       | 33.45 | 87.30       | 39.50 | 94.10       | 41.30 | 101.6       | 44.62 | 103.0       | 45.21 | 103.2       | 45.33 |
| 50     | 10                              | 47.10                        | 4.27  | 59.40       | 5.71  | 72.80       | 7.66  | 78.40       | 8.37  | 84.60       | 9.08  | 90.10       | 9.67  | 94.30       | 9.99  |
|        | 12                              | 47.10                        | 5.73  | 59.40       | 6.80  | 72.80       | 8.04  | 78.40       | 8.66  | 84.60       | 9.38  | 90.10       | 10.02 | 94.30       | 10.61 |
|        | 14                              | 47.10                        | 5.81  | 59.40       | 6.88  | 72.80       | 8.21  | 78.40       | 8.80  | 84.60       | 9.52  | 90.10       | 10.18 | 94.30       | 10.79 |
|        | 16                              | 47.10                        | 5.89  | 59.40       | 6.97  | 72.80       | 8.33  | 78.40       | 8.91  | 84.60       | 9.74  | 90.10       | 10.40 | 94.30       | 10.94 |
|        | 18                              | 47.10                        | 5.93  | 59.40       | 7.09  | 72.80       | 8.45  | 78.40       | 9.13  | 84.60       | 9.97  | 90.10       | 10.95 | 94.30       | 11.69 |
|        | 20                              | 47.10                        | 6.01  | 59.40       | 7.18  | 72.80       | 8.95  | 78.40       | 9.88  | 84.60       | 10.95 | 90.10       | 12.02 | 94.30       | 12.95 |
|        | 21                              | 47.10                        | 6.05  | 59.40       | 7.40  | 72.80       | 9.44  | 78.40       | 10.40 | 84.60       | 11.54 | 90.10       | 12.68 | 94.30       | 13.53 |
|        | 23                              | 47.10                        | 6.40  | 59.40       | 8.13  | 72.80       | 10.41 | 78.40       | 11.50 | 84.60       | 12.87 | 90.10       | 14.11 | 94.30       | 15.08 |
|        | 25                              | 47.10                        | 7.01  | 59.40       | 8.99  | 72.80       | 11.67 | 78.40       | 12.92 | 84.60       | 14.29 | 90.10       | 15.69 | 94.30       | 16.83 |
|        | 27                              | 47.10                        | 7.81  | 59.40       | 10.08 | 72.80       | 13.06 | 78.40       | 14.44 | 84.60       | 16.10 | 90.10       | 17.64 | 94.30       | 18.92 |
|        | 29                              | 47.10                        | 8.79  | 59.40       | 11.49 | 72.80       | 14.86 | 78.40       | 16.40 | 84.60       | 18.23 | 90.10       | 20.02 | 94.30       | 21.22 |
|        | 31                              | 47.10                        | 10.02 | 59.40       | 13.07 | 72.80       | 16.83 | 78.40       | 18.53 | 84.60       | 20.28 | 90.10       | 21.71 | 94.30       | 22.86 |
|        | 33                              | 47.10                        | 11.58 | 59.40       | 15.01 | 72.80       | 18.27 | 78.40       | 19.89 | 84.60       | 21.57 | 90.10       | 23.16 | 94.30       | 24.39 |
|        | 35                              | 47.10                        | 13.04 | 59.40       | 16.02 | 72.80       | 19.61 | 78.40       | 21.18 | 84.60       | 23.02 | 90.10       | 24.71 | 94.30       | 26.02 |
|        | 37                              | 47.10                        | 13.99 | 59.40       | 17.19 | 72.80       | 20.88 | 78.40       | 22.56 | 84.60       | 24.57 | 90.10       | 26.35 | 94.30       | 27.76 |
|        | 39                              | 47.10                        | 14.86 | 59.40       | 18.32 | 72.80       | 22.30 | 78.40       | 24.08 | 84.60       | 26.23 | 90.10       | 28.12 | 94.30       | 29.75 |
|        | 41                              | 47.10                        | 15.82 | 59.40       | 19.53 | 72.80       | 23.76 | 78.40       | 25.72 | 84.60       | 27.97 | 90.10       | 30.08 | 94.30       | 31.69 |
|        | 43                              | 47.10                        | 16.90 | 59.40       | 20.83 | 72.80       | 25.39 | 78.40       | 27.56 | 84.60       | 29.95 | 90.10       | 32.07 | 94.30       | 33.77 |
|        | 46                              | 47.10                        | 18.67 | 59.40       | 23.07 | 72.80       | 28.12 | 78.40       | 30.35 | 84.60       | 32.96 | 90.10       | 35.28 | 94.30       | 37.02 |
|        | 48                              | 47.10                        | 20.01 | 59.40       | 24.60 | 72.80       | 29.99 | 78.40       | 32.25 | 84.60       | 34.93 | 90.10       | 37.30 | 94.30       | 39.19 |
|        | 50                              | 47.10                        | 21.65 | 59.40       | 26.43 | 72.80       | 31.98 | 78.40       | 34.48 | 84.60       | 36.80 | 90.10       | 39.29 | 94.30       | 41.29 |
|        | 52                              | 47.10                        | 23.23 | 59.40       | 28.22 | 72.80       | 34.10 | 78.40       | 36.63 | 84.60       | 38.25 | 90.10       | 39.54 | 94.30       | 41.38 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM580LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 126.8                        | 12.63 | 160.1       | 17.29 | 196.0       | 24.83 | 211.1       | 28.93 | 228.0       | 34.31 | 242.4       | 38.96 | 253.8       | 42.65 |
|        | 12                              | 126.8                        | 13.77 | 160.1       | 19.08 | 196.0       | 27.40 | 211.1       | 31.88 | 228.0       | 37.68 | 242.4       | 42.41 | 253.8       | 45.92 |
|        | 14                              | 126.8                        | 14.50 | 160.1       | 20.87 | 196.0       | 30.23 | 211.1       | 35.10 | 228.0       | 40.55 | 242.4       | 45.42 | 253.8       | 49.61 |
|        | 16                              | 126.8                        | 15.40 | 160.1       | 23.04 | 196.0       | 33.21 | 211.1       | 37.99 | 228.0       | 43.91 | 242.4       | 49.08 | 253.8       | 53.57 |
|        | 18                              | 126.8                        | 16.94 | 160.1       | 25.18 | 196.0       | 36.04 | 211.1       | 41.38 | 228.0       | 47.66 | 242.4       | 52.91 | 253.8       | 57.09 |
|        | 20                              | 126.8                        | 18.77 | 160.1       | 27.63 | 196.0       | 39.52 | 211.1       | 44.97 | 228.0       | 51.08 | 242.4       | 56.58 | 253.8       | 60.05 |
|        | 21                              | 126.8                        | 19.73 | 160.1       | 28.96 | 196.0       | 41.09 | 211.1       | 46.56 | 228.0       | 52.66 | 242.4       | 58.05 | 253.8       | 61.55 |
|        | 23                              | 126.8                        | 21.79 | 160.1       | 32.08 | 196.0       | 44.33 | 211.1       | 49.75 | 228.0       | 56.57 | 242.4       | 61.17 | 253.8       | 64.87 |
|        | 25                              | 126.8                        | 24.29 | 160.1       | 35.07 | 196.0       | 47.34 | 211.1       | 53.24 | 228.0       | 59.77 | 242.4       | 64.78 | 253.8       | 68.16 |
|        | 27                              | 126.8                        | 26.97 | 160.1       | 37.51 | 196.0       | 50.65 | 211.1       | 57.25 | 228.0       | 63.31 | 242.4       | 68.25 | 253.8       | 71.80 |
|        | 29                              | 126.8                        | 28.99 | 160.1       | 39.99 | 196.0       | 54.68 | 211.1       | 60.92 | 228.0       | 67.15 | 242.4       | 72.05 | 253.8       | 75.82 |
|        | 31                              | 126.8                        | 30.91 | 160.1       | 42.64 | 196.0       | 58.36 | 211.1       | 64.59 | 228.0       | 71.02 | 242.4       | 76.29 | 253.8       | 80.37 |
|        | 33                              | 126.8                        | 32.97 | 160.1       | 45.48 | 196.0       | 62.21 | 211.1       | 68.58 | 228.0       | 75.28 | 240.6       | 80.29 | 241.8       | 80.74 |
|        | 35                              | 126.8                        | 35.15 | 160.1       | 48.52 | 196.0       | 66.09 | 211.1       | 72.84 | 225.4       | 78.88 | 225.7       | 79.04 | 225.6       | 79.01 |
|        | 37                              | 126.8                        | 37.50 | 160.1       | 51.81 | 196.0       | 70.32 | 209.5       | 76.04 | 210.1       | 76.22 | 209.9       | 76.19 | 209.9       | 76.18 |
|        | 39                              | 126.8                        | 39.99 | 160.1       | 55.34 | 194.6       | 71.42 | 194.5       | 71.42 | 194.5       | 71.43 | 194.5       | 71.42 | 194.5       | 71.39 |
|        | 41                              | 126.8                        | 42.65 | 160.1       | 58.13 | 179.8       | 66.17 | 179.7       | 66.18 | 179.7       | 66.12 | 179.4       | 66.04 | 179.7       | 66.12 |
|        | 43                              | 126.8                        | 45.52 | 160.1       | 59.94 | 165.4       | 61.75 | 165.2       | 61.74 | 165.2       | 61.69 | 165.2       | 61.70 | 165.0       | 61.65 |
|        | 46                              | 126.8                        | 49.13 | 145.1       | 56.43 | 144.9       | 56.41 | 144.8       | 56.39 | 144.9       | 56.36 | 144.6       | 56.30 | 144.8       | 56.34 |
|        | 48                              | 126.8                        | 52.14 | 132.2       | 54.29 | 132.0       | 54.24 | 132.0       | 54.22 | 132.2       | 54.27 | 131.9       | 54.24 | 132.0       | 54.23 |
|        | 50                              | 120.4                        | 51.67 | 120.1       | 51.60 | 119.9       | 51.50 | 119.9       | 51.53 | 119.8       | 51.48 | 119.7       | 51.44 | 119.7       | 51.46 |
|        | 52                              | 106.9                        | 46.15 | 107.8       | 45.16 | 108.4       | 43.49 | 108.5       | 43.15 | 108.4       | 42.75 | 108.4       | 42.42 | 108.5       | 42.20 |
| 120    | 10                              | 117.1                        | 11.62 | 147.9       | 15.33 | 180.9       | 21.29 | 194.9       | 24.53 | 210.5       | 28.77 | 223.9       | 32.90 | 234.3       | 36.41 |
|        | 12                              | 117.1                        | 12.60 | 147.9       | 16.86 | 180.9       | 23.53 | 194.9       | 27.10 | 210.5       | 31.71 | 223.9       | 36.18 | 234.3       | 39.74 |
|        | 14                              | 117.1                        | 13.23 | 147.9       | 18.40 | 180.9       | 25.99 | 194.9       | 29.90 | 210.5       | 34.91 | 223.9       | 39.30 | 234.3       | 42.70 |
|        | 16                              | 117.1                        | 13.66 | 147.9       | 19.96 | 180.9       | 28.54 | 194.9       | 32.83 | 210.5       | 37.73 | 223.9       | 42.30 | 234.3       | 46.20 |
|        | 18                              | 117.1                        | 14.90 | 147.9       | 21.93 | 180.9       | 31.44 | 194.9       | 35.70 | 210.5       | 40.95 | 223.9       | 46.00 | 234.3       | 49.87 |
|        | 20                              | 117.1                        | 16.44 | 147.9       | 24.16 | 180.9       | 34.19 | 194.9       | 39.13 | 210.5       | 44.54 | 223.9       | 49.60 | 234.3       | 53.36 |
|        | 21                              | 117.1                        | 17.28 | 147.9       | 25.29 | 180.9       | 35.86 | 194.9       | 40.71 | 210.5       | 46.08 | 223.9       | 51.31 | 234.3       | 55.49 |
|        | 23                              | 117.1                        | 19.26 | 147.9       | 28.02 | 180.9       | 39.05 | 194.9       | 43.96 | 210.5       | 49.47 | 223.9       | 54.81 | 234.3       | 58.55 |
|        | 25                              | 117.1                        | 21.42 | 147.9       | 31.07 | 180.9       | 41.86 | 194.9       | 47.09 | 210.5       | 52.93 | 223.9       | 58.38 | 234.3       | 61.91 |
|        | 27                              | 117.1                        | 24.04 | 147.9       | 33.44 | 180.9       | 45.13 | 194.9       | 50.23 | 210.5       | 57.05 | 223.9       | 61.74 | 234.3       | 65.63 |
|        | 29                              | 117.1                        | 26.20 | 147.9       | 35.65 | 180.9       | 48.11 | 194.9       | 54.15 | 210.5       | 60.70 | 223.9       | 65.72 | 234.3       | 69.28 |
|        | 31                              | 117.1                        | 27.92 | 147.9       | 38.02 | 180.9       | 51.31 | 194.9       | 57.79 | 210.5       | 64.35 | 223.9       | 69.50 | 234.3       | 73.28 |
|        | 33                              | 117.1                        | 29.76 | 147.9       | 40.53 | 180.9       | 54.75 | 194.9       | 61.73 | 210.5       | 68.33 | 223.9       | 73.63 | 234.3       | 77.75 |
|        | 35                              | 117.1                        | 31.74 | 147.9       | 43.24 | 180.9       | 58.50 | 194.9       | 65.56 | 210.5       | 72.61 | 223.9       | 78.23 | 225.9       | 79.11 |
|        | 37                              | 117.1                        | 33.86 | 147.9       | 46.14 | 180.9       | 62.59 | 194.9       | 69.76 | 209.5       | 75.98 | 210.1       | 76.25 | 209.9       | 76.18 |
|        | 39                              | 117.1                        | 36.11 | 147.9       | 49.24 | 180.9       | 65.37 | 194.3       | 71.22 | 194.8       | 71.49 | 194.5       | 71.45 | 194.5       | 71.44 |
|        | 41                              | 117.1                        | 38.51 | 147.9       | 52.58 | 179.9       | 66.19 | 179.7       | 66.15 | 179.6       | 66.09 | 179.5       | 66.09 | 179.5       | 66.06 |
|        | 43                              | 117.1                        | 41.09 | 147.9       | 54.76 | 165.5       | 61.82 | 165.5       | 61.76 | 165.2       | 61.71 | 165.2       | 61.69 | 165.2       | 61.73 |
|        | 46                              | 117.1                        | 45.30 | 145.1       | 56.49 | 144.9       | 56.37 | 144.9       | 56.37 | 144.8       | 56.37 | 144.8       | 56.34 | 144.8       | 56.32 |
|        | 48                              | 117.1                        | 47.86 | 132.2       | 54.30 | 132.2       | 54.30 | 132.2       | 54.31 | 131.9       | 54.25 | 131.9       | 54.22 | 131.9       | 54.17 |
|        | 50                              | 117.1                        | 50.44 | 120.2       | 51.59 | 119.9       | 51.53 | 119.9       | 51.54 | 119.9       | 51.55 | 119.7       | 51.45 | 119.9       | 51.45 |
|        | 52                              | 106.7                        | 46.05 | 107.5       | 45.86 | 108.4       | 44.18 | 108.4       | 43.86 | 108.5       | 43.49 | 108.5       | 43.19 | 108.4       | 43.01 |
| 110    | 10                              | 107.3                        | 10.77 | 135.5       | 13.67 | 165.9       | 18.30 | 178.6       | 20.80 | 192.9       | 24.07 | 205.1       | 27.25 | 214.6       | 30.02 |
|        | 12                              | 107.3                        | 11.58 | 135.5       | 14.95 | 165.9       | 20.20 | 178.6       | 22.98 | 192.9       | 26.58 | 205.1       | 30.07 | 214.6       | 33.07 |
|        | 14                              | 107.3                        | 11.92 | 135.5       | 15.95 | 165.9       | 22.18 | 178.6       | 25.39 | 192.9       | 29.33 | 205.1       | 33.13 | 214.6       | 36.38 |
|        | 16                              | 107.3                        | 12.16 | 135.5       | 17.24 | 165.9       | 24.48 | 178.6       | 27.89 | 192.9       | 32.22 | 205.1       | 35.99 | 214.6       | 39.30 |
|        | 18                              | 107.3                        | 13.03 | 135.5       | 18.92 | 165.9       | 26.93 | 178.6       | 30.72 | 192.9       | 34.95 | 205.1       | 39.25 | 214.6       | 42.63 |
|        | 20                              | 107.3                        | 14.35 | 135.5       | 20.91 | 165.9       | 29.41 | 178.6       | 33.51 | 192.9       | 38.33 | 205.1       | 42.83 | 214.6       | 46.10 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 107.3                        | 15.12 | 135.5       | 21.93 | 165.9       | 30.72 | 178.6       | 35.13 | 192.9       | 40.13 | 205.1       | 44.34 | 214.6       | 47.95 |
|        | 23                               | 107.3                        | 16.79 | 135.5       | 24.32 | 165.9       | 34.05 | 178.6       | 38.18 | 192.9       | 43.20 | 205.1       | 47.55 | 214.6       | 51.16 |
|        | 25                               | 107.3                        | 18.83 | 135.5       | 26.90 | 165.9       | 36.78 | 178.6       | 41.13 | 192.9       | 46.09 | 205.1       | 50.89 | 214.6       | 54.74 |
|        | 27                               | 107.3                        | 21.01 | 135.5       | 29.66 | 165.9       | 39.51 | 178.6       | 43.92 | 192.9       | 49.55 | 205.1       | 54.50 | 214.6       | 58.58 |
|        | 29                               | 107.3                        | 23.43 | 135.5       | 31.63 | 165.9       | 42.11 | 178.6       | 47.14 | 192.9       | 53.32 | 205.1       | 58.70 | 214.6       | 62.13 |
|        | 31                               | 107.3                        | 25.13 | 135.5       | 33.73 | 165.9       | 44.90 | 178.6       | 50.28 | 192.9       | 56.87 | 205.1       | 62.23 | 214.6       | 66.09 |
|        | 33                               | 107.3                        | 26.79 | 135.5       | 35.96 | 165.9       | 47.88 | 178.6       | 53.65 | 192.9       | 60.78 | 205.1       | 66.06 | 214.6       | 70.11 |
|        | 35                               | 107.3                        | 28.55 | 135.5       | 38.36 | 165.9       | 51.11 | 178.6       | 57.31 | 192.9       | 64.75 | 205.1       | 70.24 | 214.6       | 74.37 |
|        | 37                               | 107.3                        | 30.45 | 135.5       | 40.91 | 165.9       | 54.58 | 178.6       | 61.30 | 192.9       | 68.86 | 205.1       | 74.79 | 210.0       | 76.20 |
|        | 39                               | 107.3                        | 32.49 | 135.5       | 43.64 | 165.9       | 58.35 | 178.6       | 64.38 | 192.9       | 70.56 | 194.5       | 71.43 | 194.7       | 71.43 |
|        | 41                               | 107.3                        | 34.65 | 135.5       | 46.57 | 165.9       | 60.50 | 178.6       | 65.73 | 179.9       | 66.18 | 179.6       | 66.13 | 179.6       | 66.13 |
|        | 43                               | 107.3                        | 36.98 | 135.5       | 49.73 | 165.5       | 61.76 | 165.5       | 61.82 | 165.5       | 61.78 | 165.2       | 61.72 | 165.2       | 61.70 |
|        | 46                               | 107.3                        | 40.75 | 135.5       | 52.78 | 144.9       | 56.43 | 144.9       | 56.40 | 144.8       | 56.39 | 144.8       | 56.39 | 144.6       | 56.31 |
|        | 48                               | 107.3                        | 43.47 | 132.3       | 54.38 | 132.2       | 54.35 | 132.1       | 54.30 | 132.2       | 54.29 | 132.0       | 54.29 | 132.0       | 54.26 |
|        | 50                               | 107.3                        | 46.03 | 120.2       | 51.67 | 119.9       | 51.56 | 119.9       | 51.53 | 119.9       | 51.52 | 119.8       | 51.47 | 119.9       | 51.50 |
| 100    | 52                               | 106.3                        | 46.32 | 106.9       | 46.21 | 108.1       | 45.01 | 108.2       | 44.68 | 108.5       | 44.35 | 108.1       | 44.07 | 108.4       | 43.63 |
|        | 10                               | 97.50                        | 10.01 | 123.2       | 12.25 | 150.8       | 15.77 | 162.4       | 17.67 | 175.4       | 20.13 | 186.5       | 22.55 | 195.2       | 24.64 |
|        | 12                               | 97.50                        | 10.62 | 123.2       | 13.33 | 150.8       | 17.36 | 162.4       | 19.49 | 175.4       | 22.25 | 186.5       | 24.92 | 195.2       | 27.21 |
|        | 14                               | 97.50                        | 10.81 | 123.2       | 14.04 | 150.8       | 18.93 | 162.4       | 21.45 | 175.4       | 24.57 | 186.5       | 27.50 | 195.2       | 30.01 |
|        | 16                               | 97.50                        | 10.93 | 123.2       | 14.77 | 150.8       | 20.63 | 162.4       | 23.58 | 175.4       | 27.00 | 186.5       | 30.35 | 195.2       | 33.09 |
|        | 18                               | 97.50                        | 11.43 | 123.2       | 16.24 | 150.8       | 22.66 | 162.4       | 25.72 | 175.4       | 29.75 | 186.5       | 32.96 | 195.2       | 35.73 |
|        | 20                               | 97.50                        | 12.52 | 123.2       | 17.88 | 150.8       | 24.97 | 162.4       | 28.31 | 175.4       | 32.31 | 186.5       | 36.04 | 195.2       | 39.19 |
|        | 21                               | 97.50                        | 13.15 | 123.2       | 18.74 | 150.8       | 26.16 | 162.4       | 29.74 | 175.4       | 33.97 | 186.5       | 37.87 | 195.2       | 40.92 |
|        | 23                               | 97.50                        | 14.63 | 123.2       | 20.73 | 150.8       | 28.88 | 162.4       | 32.83 | 175.4       | 37.11 | 186.5       | 40.96 | 195.2       | 44.02 |
|        | 25                               | 97.50                        | 16.29 | 123.2       | 23.21 | 150.8       | 32.02 | 162.4       | 35.81 | 175.4       | 39.99 | 186.5       | 43.93 | 195.2       | 47.00 |
|        | 27                               | 97.50                        | 18.25 | 123.2       | 25.97 | 150.8       | 34.37 | 162.4       | 38.29 | 175.4       | 43.02 | 186.5       | 47.37 | 195.2       | 50.48 |
|        | 29                               | 97.50                        | 20.59 | 123.2       | 27.92 | 150.8       | 36.65 | 162.4       | 40.80 | 175.4       | 45.86 | 186.5       | 50.49 | 195.2       | 54.34 |
|        | 31                               | 97.50                        | 22.53 | 123.2       | 29.76 | 150.8       | 39.08 | 162.4       | 43.51 | 175.4       | 48.89 | 186.5       | 53.85 | 195.2       | 57.98 |
|        | 33                               | 97.50                        | 24.00 | 123.2       | 31.74 | 150.8       | 41.67 | 162.4       | 46.40 | 175.4       | 52.15 | 186.5       | 57.49 | 195.2       | 61.91 |
|        | 35                               | 97.50                        | 25.58 | 123.2       | 33.86 | 150.8       | 44.44 | 162.4       | 49.47 | 175.4       | 55.71 | 186.5       | 61.48 | 195.2       | 65.75 |
| 90     | 37                               | 97.50                        | 27.26 | 123.2       | 36.10 | 150.8       | 47.42 | 162.4       | 52.86 | 175.4       | 59.56 | 186.5       | 65.86 | 195.2       | 69.95 |
|        | 39                               | 97.50                        | 29.08 | 123.2       | 38.51 | 150.8       | 50.63 | 162.4       | 56.50 | 175.4       | 63.06 | 186.5       | 67.78 | 194.4       | 71.29 |
|        | 41                               | 97.50                        | 31.04 | 123.2       | 41.08 | 150.8       | 54.08 | 162.4       | 59.04 | 175.4       | 64.56 | 179.7       | 66.17 | 179.9       | 66.18 |
|        | 43                               | 97.50                        | 33.11 | 123.2       | 43.83 | 150.8       | 55.97 | 162.4       | 60.62 | 165.2       | 61.75 | 165.5       | 61.80 | 165.5       | 61.78 |
|        | 46                               | 97.50                        | 36.50 | 123.2       | 47.60 | 144.9       | 56.43 | 145.1       | 56.44 | 145.1       | 56.42 | 145.1       | 56.42 | 144.9       | 56.37 |
|        | 48                               | 97.50                        | 38.94 | 123.2       | 50.53 | 132.4       | 54.38 | 132.2       | 54.35 | 132.2       | 54.29 | 132.2       | 54.29 | 132.2       | 54.30 |
|        | 50                               | 97.50                        | 41.56 | 120.2       | 51.61 | 120.1       | 51.58 | 120.1       | 51.58 | 119.9       | 51.52 | 119.9       | 51.50 | 119.9       | 51.50 |
|        | 52                               | 97.50                        | 42.82 | 106.7       | 46.08 | 107.3       | 45.96 | 107.7       | 45.45 | 108.1       | 44.95 | 108.5       | 44.45 | 108.5       | 44.04 |
|        | 10                               | 87.90                        | 9.33  | 110.8       | 11.07 | 135.7       | 13.67 | 146.1       | 15.09 | 157.8       | 16.91 | 167.9       | 18.66 | 175.7       | 20.20 |
|        | 12                               | 87.90                        | 9.51  | 110.8       | 11.94 | 135.7       | 14.98 | 146.1       | 16.59 | 157.8       | 18.64 | 167.9       | 20.61 | 175.7       | 22.33 |
|        | 14                               | 87.90                        | 9.63  | 110.8       | 12.33 | 135.7       | 15.96 | 146.1       | 18.06 | 157.8       | 20.39 | 167.9       | 22.66 | 175.7       | 24.65 |
|        | 16                               | 87.90                        | 9.86  | 110.8       | 12.57 | 135.7       | 17.26 | 146.1       | 19.61 | 157.8       | 22.44 | 167.9       | 25.01 | 175.7       | 27.13 |
|        | 18                               | 87.90                        | 9.98  | 110.8       | 13.73 | 135.7       | 18.92 | 146.1       | 21.43 | 157.8       | 24.51 | 167.9       | 27.49 | 175.7       | 29.57 |
|        | 20                               | 87.90                        | 10.88 | 110.8       | 15.13 | 135.7       | 20.93 | 146.1       | 23.67 | 157.8       | 26.93 | 167.9       | 30.02 | 175.7       | 32.54 |
|        | 21                               | 87.90                        | 11.37 | 110.8       | 15.91 | 135.7       | 21.95 | 146.1       | 24.81 | 157.8       | 28.31 | 167.9       | 31.50 | 175.7       | 33.98 |
|        | 23                               | 87.90                        | 12.61 | 110.8       | 17.66 | 135.7       | 24.34 | 146.1       | 27.42 | 157.8       | 31.29 | 167.9       | 34.70 | 175.7       | 37.22 |
|        | 25                               | 87.90                        | 14.10 | 110.8       | 19.67 | 135.7       | 27.05 | 146.1       | 30.58 | 157.8       | 34.32 | 167.9       | 37.75 | 175.7       | 40.16 |
|        | 27                               | 87.90                        | 15.71 | 110.8       | 22.10 | 135.7       | 29.71 | 146.1       | 32.89 | 157.8       | 36.73 | 167.9       | 40.24 | 175.7       | 43.13 |
|        | 29                               | 87.90                        | 17.78 | 110.8       | 24.52 | 135.7       | 31.69 | 146.1       | 35.06 | 157.8       | 39.16 | 167.9       | 42.89 | 175.7       | 45.97 |
|        | 31                               | 87.90                        | 20.02 | 110.8       | 26.13 | 135.7       | 33.78 | 146.1       | 37.40 | 157.8       | 41.75 | 167.9       | 45.73 | 175.7       | 49.03 |
|        | 33                               | 87.90                        | 21.40 | 110.8       | 27.85 | 135.7       | 36.02 | 146.1       | 39.89 | 157.8       | 44.54 | 167.9       | 48.77 | 175.7       | 52.31 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 87.90                        | 22.78 | 110.8       | 29.70 | 135.7       | 38.42 | 146.1       | 42.54 | 157.8       | 47.50 | 167.9       | 52.05 | 175.7       | 55.85 |
|        | 37                              | 87.90                        | 24.29 | 110.8       | 31.66 | 135.7       | 40.98 | 146.1       | 45.36 | 157.8       | 50.70 | 167.9       | 55.61 | 175.7       | 59.72 |
|        | 39                              | 87.90                        | 25.91 | 110.8       | 33.78 | 135.7       | 43.72 | 146.1       | 48.43 | 157.8       | 54.15 | 167.9       | 59.48 | 175.7       | 63.19 |
|        | 41                              | 87.90                        | 27.64 | 110.8       | 36.02 | 135.7       | 46.65 | 146.1       | 51.71 | 157.8       | 57.20 | 167.9       | 61.35 | 175.7       | 64.69 |
|        | 43                              | 87.90                        | 29.50 | 110.8       | 38.43 | 135.7       | 49.81 | 146.1       | 54.05 | 157.8       | 58.96 | 165.5       | 61.79 | 165.4       | 61.77 |
|        | 46                              | 87.90                        | 32.52 | 110.8       | 42.35 | 135.7       | 52.85 | 145.1       | 56.49 | 145.1       | 56.43 | 144.9       | 56.43 | 145.1       | 56.43 |
|        | 48                              | 87.90                        | 34.71 | 110.8       | 45.21 | 132.5       | 54.42 | 132.2       | 54.36 | 132.2       | 54.33 | 132.2       | 54.31 | 132.2       | 54.31 |
|        | 50                              | 87.90                        | 37.05 | 110.8       | 47.62 | 120.2       | 51.67 | 120.2       | 51.65 | 120.1       | 51.59 | 120.1       | 51.57 | 120.1       | 51.57 |
|        | 52                              | 87.90                        | 39.55 | 106.4       | 45.92 | 107.1       | 46.46 | 107.5       | 45.96 | 107.9       | 45.40 | 108.1       | 44.90 | 108.5       | 44.52 |
| 80     | 10                              | 78.00                        | 8.41  | 98.60       | 10.09 | 120.6       | 11.98 | 129.9       | 12.99 | 140.3       | 14.27 | 149.1       | 15.53 | 156.3       | 16.62 |
|        | 12                              | 78.00                        | 8.57  | 98.60       | 10.72 | 120.6       | 13.01 | 129.9       | 14.18 | 140.3       | 15.66 | 149.1       | 17.09 | 156.3       | 18.32 |
|        | 14                              | 78.00                        | 8.66  | 98.60       | 10.88 | 120.6       | 13.67 | 129.9       | 14.96 | 140.3       | 16.77 | 149.1       | 18.65 | 156.3       | 20.04 |
|        | 16                              | 78.00                        | 8.78  | 98.60       | 11.05 | 120.6       | 14.32 | 129.9       | 16.00 | 140.3       | 18.31 | 149.1       | 20.32 | 156.3       | 22.05 |
|        | 18                              | 78.00                        | 9.00  | 98.60       | 11.57 | 120.6       | 15.65 | 129.9       | 17.70 | 140.3       | 20.03 | 149.1       | 22.23 | 156.3       | 24.11 |
|        | 20                              | 78.00                        | 9.39  | 98.60       | 12.68 | 120.6       | 17.24 | 129.9       | 19.48 | 140.3       | 22.11 | 149.1       | 24.45 | 156.3       | 26.55 |
|        | 21                              | 78.00                        | 9.77  | 98.60       | 13.31 | 120.6       | 18.15 | 129.9       | 20.45 | 140.3       | 23.19 | 149.1       | 25.75 | 156.3       | 27.77 |
|        | 23                              | 78.00                        | 10.82 | 98.60       | 14.81 | 120.6       | 20.09 | 129.9       | 22.73 | 140.3       | 25.68 | 149.1       | 28.36 | 156.3       | 30.70 |
|        | 25                              | 78.00                        | 11.98 | 98.60       | 16.50 | 120.6       | 22.44 | 129.9       | 25.17 | 140.3       | 28.60 | 149.1       | 31.55 | 156.3       | 33.73 |
|        | 27                              | 78.00                        | 13.51 | 98.60       | 18.51 | 120.6       | 25.20 | 129.9       | 27.88 | 140.3       | 31.11 | 149.1       | 33.89 | 156.3       | 36.17 |
|        | 29                              | 78.00                        | 15.26 | 98.60       | 20.84 | 120.6       | 27.17 | 129.9       | 29.90 | 140.3       | 33.17 | 149.1       | 36.12 | 156.3       | 38.57 |
|        | 31                              | 78.00                        | 17.26 | 98.60       | 22.78 | 120.6       | 28.98 | 129.9       | 31.88 | 140.3       | 35.37 | 149.1       | 38.52 | 156.3       | 41.11 |
|        | 33                              | 78.00                        | 18.99 | 98.60       | 24.27 | 120.6       | 30.90 | 129.9       | 34.00 | 140.3       | 37.71 | 149.1       | 41.08 | 156.3       | 43.84 |
|        | 35                              | 78.00                        | 20.20 | 98.60       | 25.86 | 120.6       | 32.94 | 129.9       | 36.24 | 140.3       | 40.22 | 149.1       | 43.80 | 156.3       | 46.77 |
|        | 37                              | 78.00                        | 21.51 | 98.60       | 27.57 | 120.6       | 35.15 | 129.9       | 38.67 | 140.3       | 42.89 | 149.1       | 46.73 | 156.3       | 49.92 |
|        | 39                              | 78.00                        | 22.94 | 98.60       | 29.41 | 120.6       | 37.47 | 129.9       | 41.24 | 140.3       | 45.76 | 149.1       | 49.90 | 156.3       | 53.31 |
|        | 41                              | 78.00                        | 24.47 | 98.60       | 31.38 | 120.6       | 39.99 | 129.9       | 44.01 | 140.3       | 48.85 | 149.1       | 53.30 | 156.3       | 56.50 |
|        | 43                              | 78.00                        | 26.12 | 98.60       | 33.48 | 120.6       | 42.65 | 129.9       | 46.95 | 140.3       | 51.67 | 149.1       | 55.33 | 156.3       | 58.24 |
|        | 46                              | 78.00                        | 28.81 | 98.60       | 36.91 | 120.6       | 46.53 | 129.9       | 50.40 | 140.3       | 54.60 | 144.9       | 56.41 | 144.9       | 56.41 |
|        | 48                              | 78.00                        | 30.78 | 98.60       | 39.39 | 120.6       | 49.38 | 129.9       | 53.51 | 132.2       | 54.34 | 132.2       | 54.32 | 132.2       | 54.27 |
|        | 50                              | 78.00                        | 32.87 | 98.60       | 42.03 | 120.2       | 51.62 | 120.2       | 51.64 | 120.1       | 51.59 | 120.1       | 51.56 | 119.9       | 51.54 |
|        | 52                              | 78.00                        | 35.09 | 98.60       | 43.27 | 106.7       | 46.09 | 107.1       | 46.22 | 107.5       | 46.04 | 107.7       | 45.51 | 108.1       | 45.13 |
| 70     | 10                              | 68.40                        | 6.90  | 86.20       | 9.24  | 105.5       | 10.61 | 113.7       | 11.32 | 122.7       | 12.20 | 130.5       | 13.07 | 136.6       | 13.80 |
|        | 12                              | 68.40                        | 7.72  | 86.20       | 9.33  | 105.5       | 11.41 | 113.7       | 12.24 | 122.7       | 13.28 | 130.5       | 14.27 | 136.6       | 15.12 |
|        | 14                              | 68.40                        | 7.78  | 86.20       | 9.53  | 105.5       | 11.67 | 113.7       | 12.70 | 122.7       | 13.97 | 130.5       | 15.11 | 136.6       | 16.15 |
|        | 16                              | 68.40                        | 7.89  | 86.20       | 9.65  | 105.5       | 11.93 | 113.7       | 13.10 | 122.7       | 14.68 | 130.5       | 16.16 | 136.6       | 17.46 |
|        | 18                              | 68.40                        | 7.97  | 86.20       | 9.88  | 105.5       | 12.75 | 113.7       | 14.24 | 122.7       | 16.07 | 130.5       | 17.75 | 136.6       | 19.15 |
|        | 20                              | 68.40                        | 8.12  | 86.20       | 10.64 | 105.5       | 14.00 | 113.7       | 15.73 | 122.7       | 17.71 | 130.5       | 19.54 | 136.6       | 21.17 |
|        | 21                              | 68.40                        | 8.47  | 86.20       | 11.15 | 105.5       | 14.71 | 113.7       | 16.55 | 122.7       | 18.62 | 130.5       | 20.62 | 136.6       | 22.19 |
|        | 23                              | 68.40                        | 9.26  | 86.20       | 12.31 | 105.5       | 16.34 | 113.7       | 18.34 | 122.7       | 20.71 | 130.5       | 22.78 | 136.6       | 24.60 |
|        | 25                              | 68.40                        | 10.22 | 86.20       | 13.76 | 105.5       | 18.34 | 113.7       | 20.53 | 122.7       | 23.00 | 130.5       | 25.43 | 136.6       | 27.35 |
|        | 27                              | 68.40                        | 11.39 | 86.20       | 15.41 | 105.5       | 20.51 | 113.7       | 22.95 | 122.7       | 25.83 | 130.5       | 28.10 | 136.6       | 30.00 |
|        | 29                              | 68.40                        | 12.88 | 86.20       | 17.45 | 105.5       | 22.99 | 113.7       | 25.25 | 122.7       | 27.79 | 130.5       | 30.10 | 136.6       | 31.99 |
|        | 31                              | 68.40                        | 14.60 | 86.20       | 19.64 | 105.5       | 24.63 | 113.7       | 26.91 | 122.7       | 29.65 | 130.5       | 32.10 | 136.6       | 34.11 |
|        | 33                              | 68.40                        | 16.55 | 86.20       | 21.00 | 105.5       | 26.24 | 113.7       | 28.69 | 122.7       | 31.60 | 130.5       | 34.23 | 136.6       | 36.38 |
|        | 35                              | 68.40                        | 17.82 | 86.20       | 22.36 | 105.5       | 27.99 | 113.7       | 30.59 | 122.7       | 33.70 | 130.5       | 36.49 | 136.6       | 38.80 |
|        | 37                              | 68.40                        | 18.96 | 86.20       | 23.82 | 105.5       | 29.84 | 113.7       | 32.63 | 122.7       | 35.96 | 130.5       | 38.92 | 136.6       | 41.38 |
|        | 39                              | 68.40                        | 20.18 | 86.20       | 25.41 | 105.5       | 31.85 | 113.7       | 34.81 | 122.7       | 38.34 | 130.5       | 41.52 | 136.6       | 44.14 |
|        | 41                              | 68.40                        | 21.52 | 86.20       | 27.11 | 105.5       | 33.95 | 113.7       | 37.14 | 122.7       | 40.91 | 130.5       | 44.32 | 136.6       | 47.10 |
|        | 43                              | 68.40                        | 22.98 | 86.20       | 28.93 | 105.5       | 36.23 | 113.7       | 39.61 | 122.7       | 43.63 | 130.5       | 47.28 | 136.6       | 50.29 |
|        | 46                              | 68.40                        | 25.35 | 86.20       | 31.90 | 105.5       | 39.94 | 113.7       | 43.66 | 122.7       | 47.44 | 130.5       | 50.68 | 136.6       | 53.28 |
|        | 48                              | 68.40                        | 27.09 | 86.20       | 34.06 | 105.5       | 42.61 | 113.7       | 46.60 | 122.7       | 50.35 | 130.5       | 53.80 | 132.4       | 54.38 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 68.40                        | 28.96 | 86.20       | 36.35 | 105.5       | 45.47 | 113.7       | 48.86 | 120.2       | 51.64 | 120.2       | 51.59 | 120.1       | 51.62 |
|        | 52                         | 68.40                        | 30.93 | 86.20       | 38.80 | 105.5       | 46.41 | 106.6       | 46.01 | 106.9       | 46.15 | 107.3       | 46.32 | 107.5       | 45.93 |
| 60     | 10                         | 58.60                        | 5.43  | 73.90       | 7.75  | 90.50       | 9.54  | 97.40       | 10.01 | 105.3       | 10.58 | 111.9       | 11.16 | 117.1       | 11.65 |
|        | 12                         | 58.60                        | 6.86  | 73.90       | 8.17  | 90.50       | 9.74  | 97.40       | 10.60 | 105.3       | 11.39 | 111.9       | 12.05 | 117.1       | 12.62 |
|        | 14                         | 58.60                        | 6.95  | 73.90       | 8.28  | 90.50       | 9.98  | 97.40       | 10.80 | 105.3       | 11.69 | 111.9       | 12.48 | 117.1       | 13.22 |
|        | 16                         | 58.60                        | 7.01  | 73.90       | 8.37  | 90.50       | 10.10 | 97.40       | 10.92 | 105.3       | 11.91 | 111.9       | 12.76 | 117.1       | 13.74 |
|        | 18                         | 58.60                        | 7.10  | 73.90       | 8.57  | 90.50       | 10.39 | 97.40       | 11.42 | 105.3       | 12.68 | 111.9       | 13.90 | 117.1       | 14.88 |
|        | 20                         | 58.60                        | 7.19  | 73.90       | 8.84  | 90.50       | 11.25 | 97.40       | 12.51 | 105.3       | 13.98 | 111.9       | 15.31 | 117.1       | 16.54 |
|        | 21                         | 58.60                        | 7.25  | 73.90       | 9.20  | 90.50       | 11.87 | 97.40       | 13.12 | 105.3       | 14.71 | 111.9       | 16.13 | 117.1       | 17.40 |
|        | 23                         | 58.60                        | 7.82  | 73.90       | 10.15 | 90.50       | 13.16 | 97.40       | 14.62 | 105.3       | 16.36 | 111.9       | 17.87 | 117.1       | 19.27 |
|        | 25                         | 58.60                        | 8.60  | 73.90       | 11.25 | 90.50       | 14.63 | 97.40       | 16.28 | 105.3       | 18.19 | 111.9       | 20.06 | 117.1       | 21.41 |
|        | 27                         | 58.60                        | 9.54  | 73.90       | 12.51 | 90.50       | 16.37 | 97.40       | 18.24 | 105.3       | 20.35 | 111.9       | 22.39 | 117.1       | 24.00 |
|        | 29                         | 58.60                        | 10.70 | 73.90       | 14.17 | 90.50       | 18.49 | 97.40       | 20.56 | 105.3       | 22.88 | 111.9       | 24.80 | 117.1       | 26.20 |
|        | 31                         | 58.60                        | 12.24 | 73.90       | 16.18 | 90.50       | 20.74 | 97.40       | 22.49 | 105.3       | 24.56 | 111.9       | 26.41 | 117.1       | 27.92 |
|        | 33                         | 58.60                        | 14.01 | 73.90       | 18.03 | 90.50       | 22.07 | 97.40       | 23.94 | 105.3       | 26.18 | 111.9       | 28.16 | 117.1       | 29.79 |
|        | 35                         | 58.60                        | 15.42 | 73.90       | 19.17 | 90.50       | 23.51 | 97.40       | 25.53 | 105.3       | 27.91 | 111.9       | 30.03 | 117.1       | 31.77 |
|        | 37                         | 58.60                        | 16.39 | 73.90       | 20.39 | 90.50       | 25.07 | 97.40       | 27.21 | 105.3       | 29.75 | 111.9       | 32.02 | 117.1       | 33.87 |
|        | 39                         | 58.60                        | 17.58 | 73.90       | 21.75 | 90.50       | 26.75 | 97.40       | 29.02 | 105.3       | 31.74 | 111.9       | 34.17 | 117.1       | 36.13 |
|        | 41                         | 58.60                        | 18.75 | 73.90       | 23.18 | 90.50       | 28.54 | 97.40       | 30.98 | 105.3       | 33.86 | 111.9       | 36.44 | 117.1       | 38.54 |
|        | 43                         | 58.60                        | 20.02 | 73.90       | 24.75 | 90.50       | 30.45 | 97.40       | 33.05 | 105.3       | 36.11 | 111.9       | 38.88 | 117.1       | 41.12 |
|        | 46                         | 58.60                        | 22.14 | 73.90       | 27.32 | 90.50       | 33.58 | 97.40       | 36.42 | 105.3       | 39.80 | 111.9       | 42.85 | 117.1       | 45.33 |
|        | 48                         | 58.60                        | 23.66 | 73.90       | 29.18 | 90.50       | 35.83 | 97.40       | 38.86 | 105.3       | 42.47 | 111.9       | 45.71 | 117.1       | 47.88 |
|        | 50                         | 58.60                        | 25.30 | 73.90       | 31.18 | 90.50       | 38.23 | 97.40       | 41.47 | 105.3       | 45.33 | 111.9       | 48.08 | 117.1       | 50.46 |
|        | 52                         | 58.60                        | 27.07 | 73.90       | 33.30 | 90.50       | 40.79 | 97.40       | 42.74 | 105.3       | 46.29 | 106.5       | 45.98 | 106.7       | 46.08 |
| 50     | 10                         | 48.70                        | 4.43  | 61.50       | 5.86  | 75.40       | 7.98  | 81.20       | 8.72  | 87.60       | 9.32  | 93.30       | 9.73  | 97.70       | 10.01 |
|        | 12                         | 48.70                        | 6.10  | 61.50       | 7.13  | 75.40       | 8.27  | 81.20       | 8.88  | 87.60       | 9.52  | 93.30       | 10.11 | 97.70       | 10.62 |
|        | 14                         | 48.70                        | 6.23  | 61.50       | 7.22  | 75.40       | 8.44  | 81.20       | 9.00  | 87.60       | 9.64  | 93.30       | 10.24 | 97.70       | 10.82 |
|        | 16                         | 48.70                        | 6.29  | 61.50       | 7.31  | 75.40       | 8.56  | 81.20       | 9.09  | 87.60       | 9.83  | 93.30       | 10.44 | 97.70       | 10.94 |
|        | 18                         | 48.70                        | 6.32  | 61.50       | 7.42  | 75.40       | 8.65  | 81.20       | 9.29  | 87.60       | 9.99  | 93.30       | 10.84 | 97.70       | 11.44 |
|        | 20                         | 48.70                        | 6.40  | 61.50       | 7.52  | 75.40       | 8.97  | 81.20       | 9.81  | 87.60       | 10.80 | 93.30       | 11.79 | 97.70       | 12.62 |
|        | 21                         | 48.70                        | 6.44  | 61.50       | 7.62  | 75.40       | 9.44  | 81.20       | 10.32 | 87.60       | 11.39 | 93.30       | 12.41 | 97.70       | 13.15 |
|        | 23                         | 48.70                        | 6.68  | 61.50       | 8.27  | 75.40       | 10.35 | 81.20       | 11.35 | 87.60       | 12.62 | 93.30       | 13.79 | 97.70       | 14.66 |
|        | 25                         | 48.70                        | 7.20  | 61.50       | 9.08  | 75.40       | 11.54 | 81.20       | 12.67 | 87.60       | 13.98 | 93.30       | 15.25 | 97.70       | 16.34 |
|        | 27                         | 48.70                        | 7.96  | 61.50       | 10.11 | 75.40       | 12.85 | 81.20       | 14.18 | 87.60       | 15.73 | 93.30       | 17.14 | 97.70       | 18.30 |
|        | 29                         | 48.70                        | 8.88  | 61.50       | 11.46 | 75.40       | 14.59 | 81.20       | 16.00 | 87.60       | 17.72 | 93.30       | 19.43 | 97.70       | 20.61 |
|        | 31                         | 48.70                        | 10.04 | 61.50       | 12.96 | 75.40       | 16.48 | 81.20       | 18.21 | 87.60       | 19.98 | 93.30       | 21.44 | 97.70       | 22.53 |
|        | 33                         | 48.70                        | 11.52 | 61.50       | 14.94 | 75.40       | 18.23 | 81.20       | 19.74 | 87.60       | 21.37 | 93.30       | 22.82 | 97.70       | 24.00 |
|        | 35                         | 48.70                        | 13.14 | 61.50       | 16.09 | 75.40       | 19.53 | 81.20       | 21.02 | 87.60       | 22.76 | 93.30       | 24.32 | 97.70       | 25.58 |
|        | 37                         | 48.70                        | 14.07 | 61.50       | 17.28 | 75.40       | 20.78 | 81.20       | 22.38 | 87.60       | 24.26 | 93.30       | 25.92 | 97.70       | 27.28 |
|        | 39                         | 48.70                        | 14.94 | 61.50       | 18.40 | 75.40       | 22.15 | 81.20       | 23.86 | 87.60       | 25.88 | 93.30       | 27.65 | 97.70       | 29.10 |
|        | 41                         | 48.70                        | 15.90 | 61.50       | 19.61 | 75.40       | 23.63 | 81.20       | 25.46 | 87.60       | 27.59 | 93.30       | 29.50 | 97.70       | 31.04 |
|        | 43                         | 48.70                        | 16.95 | 61.50       | 20.93 | 75.40       | 25.23 | 81.20       | 27.17 | 87.60       | 29.46 | 93.30       | 31.49 | 97.70       | 33.12 |
|        | 46                         | 48.70                        | 18.74 | 61.50       | 23.12 | 75.40       | 27.85 | 81.20       | 29.99 | 87.60       | 32.49 | 93.30       | 34.70 | 97.70       | 36.50 |
|        | 48                         | 48.70                        | 20.10 | 61.50       | 24.70 | 75.40       | 29.74 | 81.20       | 32.01 | 87.60       | 34.66 | 93.30       | 37.04 | 97.70       | 38.95 |
|        | 50                         | 48.70                        | 21.60 | 61.50       | 26.42 | 75.40       | 31.77 | 81.20       | 34.16 | 87.60       | 37.00 | 93.30       | 39.52 | 97.70       | 41.56 |
|        | 52                         | 48.70                        | 23.24 | 61.50       | 28.25 | 75.40       | 33.92 | 81.20       | 36.47 | 87.60       | 39.50 | 93.30       | 40.89 | 97.70       | 42.83 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

## ARUM600LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 131.1                        | 13.23 | 165.6       | 18.36 | 202.8       | 26.67 | 218.4       | 31.20 | 235.8       | 37.14 | 250.8       | 42.03 | 262.5       | 45.75 |
|        | 12                              | 131.1                        | 14.46 | 165.6       | 20.28 | 202.8       | 29.43 | 218.4       | 34.35 | 235.8       | 40.74 | 250.8       | 45.60 | 262.5       | 49.44 |
|        | 14                              | 131.1                        | 15.24 | 165.6       | 22.38 | 202.8       | 32.46 | 218.4       | 37.80 | 235.8       | 43.65 | 250.8       | 48.93 | 262.5       | 53.43 |
|        | 16                              | 131.1                        | 16.44 | 165.6       | 24.72 | 202.8       | 35.79 | 218.4       | 40.92 | 235.8       | 47.31 | 250.8       | 52.92 | 262.5       | 57.75 |
|        | 18                              | 131.1                        | 18.06 | 165.6       | 27.00 | 202.8       | 38.76 | 218.4       | 44.61 | 235.8       | 51.36 | 250.8       | 56.82 | 262.5       | 61.05 |
|        | 20                              | 131.1                        | 20.04 | 165.6       | 29.67 | 202.8       | 42.54 | 218.4       | 48.27 | 235.8       | 54.57 | 250.8       | 60.48 | 262.5       | 63.81 |
|        | 21                              | 131.1                        | 21.06 | 165.6       | 30.99 | 202.8       | 44.04 | 218.4       | 49.83 | 235.8       | 56.25 | 250.8       | 61.92 | 262.5       | 65.25 |
|        | 23                              | 131.1                        | 23.22 | 165.6       | 34.44 | 202.8       | 47.25 | 218.4       | 53.07 | 235.8       | 60.48 | 250.8       | 64.98 | 262.5       | 68.37 |
|        | 25                              | 131.1                        | 25.92 | 165.6       | 37.41 | 202.8       | 50.40 | 218.4       | 56.82 | 235.8       | 63.66 | 250.8       | 68.31 | 262.5       | 71.79 |
|        | 27                              | 131.1                        | 28.74 | 165.6       | 39.87 | 202.8       | 54.06 | 218.4       | 61.29 | 235.8       | 67.11 | 250.8       | 71.94 | 262.5       | 75.60 |
|        | 29                              | 131.1                        | 30.66 | 165.6       | 42.51 | 202.8       | 58.38 | 218.4       | 64.74 | 235.8       | 70.83 | 250.8       | 75.93 | 262.5       | 79.83 |
|        | 31                              | 131.1                        | 32.70 | 165.6       | 45.33 | 202.8       | 62.34 | 218.4       | 68.46 | 235.8       | 74.91 | 250.8       | 80.43 | 262.5       | 84.69 |
|        | 33                              | 131.1                        | 34.89 | 165.6       | 48.36 | 202.8       | 66.42 | 218.4       | 72.48 | 235.8       | 79.44 | 248.1       | 84.39 | 248.1       | 84.42 |
|        | 35                              | 131.1                        | 37.20 | 165.6       | 51.60 | 202.8       | 70.38 | 218.4       | 76.89 | 231.9       | 82.80 | 231.9       | 82.83 | 231.9       | 82.83 |
|        | 37                              | 131.1                        | 39.69 | 165.6       | 55.11 | 202.8       | 74.70 | 216.0       | 79.71 | 216.3       | 79.71 | 216.0       | 79.68 | 216.0       | 79.65 |
|        | 39                              | 131.1                        | 42.33 | 165.6       | 58.89 | 200.7       | 74.10 | 200.4       | 74.04 | 200.4       | 73.98 | 200.4       | 74.01 | 200.4       | 73.98 |
|        | 41                              | 131.1                        | 45.15 | 165.6       | 61.44 | 185.7       | 68.85 | 185.4       | 68.82 | 185.4       | 68.76 | 185.1       | 68.67 | 185.4       | 68.76 |
|        | 43                              | 131.1                        | 48.21 | 165.6       | 62.37 | 171.0       | 64.32 | 170.7       | 64.32 | 170.7       | 64.23 | 170.7       | 64.29 | 170.4       | 64.20 |
|        | 46                              | 131.1                        | 51.57 | 150.3       | 59.01 | 150.0       | 58.98 | 150.0       | 58.98 | 150.0       | 58.92 | 149.7       | 58.86 | 150.0       | 58.92 |
|        | 48                              | 131.1                        | 54.60 | 137.1       | 57.03 | 136.8       | 56.94 | 136.8       | 56.91 | 137.1       | 57.00 | 136.8       | 56.97 | 136.8       | 56.94 |
|        | 50                              | 125.1                        | 54.51 | 124.8       | 54.42 | 124.5       | 54.30 | 124.5       | 54.36 | 124.5       | 54.30 | 124.2       | 54.24 | 124.2       | 54.24 |
|        | 52                              | 110.4                        | 48.60 | 111.9       | 47.16 | 112.8       | 44.67 | 112.8       | 44.13 | 112.8       | 43.56 | 112.8       | 43.05 | 112.8       | 42.72 |
| 120    | 10                              | 121.2                        | 12.12 | 153.0       | 16.20 | 187.2       | 22.77 | 201.6       | 26.34 | 217.8       | 31.02 | 231.6       | 35.58 | 242.4       | 39.42 |
|        | 12                              | 121.2                        | 13.17 | 153.0       | 17.85 | 187.2       | 25.17 | 201.6       | 29.10 | 217.8       | 34.17 | 231.6       | 39.09 | 242.4       | 42.90 |
|        | 14                              | 121.2                        | 13.89 | 153.0       | 19.68 | 187.2       | 27.81 | 201.6       | 32.10 | 217.8       | 37.59 | 231.6       | 42.24 | 242.4       | 45.99 |
|        | 16                              | 121.2                        | 14.40 | 153.0       | 21.36 | 187.2       | 30.69 | 201.6       | 35.37 | 217.8       | 40.65 | 231.6       | 45.54 | 242.4       | 49.80 |
|        | 18                              | 121.2                        | 15.87 | 153.0       | 23.49 | 187.2       | 33.87 | 201.6       | 38.40 | 217.8       | 44.07 | 231.6       | 49.56 | 242.4       | 53.67 |
|        | 20                              | 121.2                        | 17.49 | 153.0       | 25.89 | 187.2       | 36.69 | 201.6       | 42.12 | 217.8       | 47.76 | 231.6       | 53.10 | 242.4       | 56.97 |
|        | 21                              | 121.2                        | 18.39 | 153.0       | 27.09 | 187.2       | 38.55 | 201.6       | 43.65 | 217.8       | 49.26 | 231.6       | 54.78 | 242.4       | 59.43 |
|        | 23                              | 121.2                        | 20.52 | 153.0       | 29.97 | 187.2       | 41.76 | 201.6       | 46.86 | 217.8       | 52.77 | 231.6       | 58.53 | 242.4       | 62.46 |
|        | 25                              | 121.2                        | 22.80 | 153.0       | 33.27 | 187.2       | 44.40 | 201.6       | 50.01 | 217.8       | 56.49 | 231.6       | 62.31 | 242.4       | 65.70 |
|        | 27                              | 121.2                        | 25.62 | 153.0       | 35.49 | 187.2       | 48.09 | 201.6       | 53.61 | 217.8       | 61.11 | 231.6       | 65.67 | 242.4       | 69.21 |
|        | 29                              | 121.2                        | 27.66 | 153.0       | 37.83 | 187.2       | 51.27 | 201.6       | 57.81 | 217.8       | 64.53 | 231.6       | 69.33 | 242.4       | 73.05 |
|        | 31                              | 121.2                        | 29.49 | 153.0       | 40.35 | 187.2       | 54.69 | 201.6       | 61.71 | 217.8       | 68.22 | 231.6       | 73.32 | 242.4       | 77.28 |
|        | 33                              | 121.2                        | 31.44 | 153.0       | 43.02 | 187.2       | 58.38 | 201.6       | 65.94 | 217.8       | 72.24 | 231.6       | 77.70 | 242.4       | 82.05 |
|        | 35                              | 121.2                        | 33.54 | 153.0       | 45.90 | 187.2       | 62.40 | 201.6       | 69.87 | 217.8       | 76.65 | 231.6       | 82.62 | 232.2       | 82.92 |
|        | 37                              | 121.2                        | 35.79 | 153.0       | 48.99 | 187.2       | 66.81 | 201.6       | 74.16 | 216.3       | 79.74 | 216.3       | 79.74 | 216.0       | 79.68 |
|        | 39                              | 121.2                        | 38.16 | 153.0       | 52.29 | 187.2       | 69.09 | 200.7       | 74.13 | 200.7       | 74.07 | 200.4       | 74.04 | 200.4       | 74.01 |
|        | 41                              | 121.2                        | 40.71 | 153.0       | 55.86 | 185.7       | 68.85 | 185.4       | 68.79 | 185.4       | 68.73 | 185.1       | 68.70 | 185.1       | 68.67 |
|        | 43                              | 121.2                        | 43.44 | 153.0       | 57.57 | 171.0       | 64.38 | 171.0       | 64.32 | 170.7       | 64.26 | 170.7       | 64.26 | 170.7       | 64.29 |
|        | 46                              | 121.2                        | 47.91 | 150.3       | 59.10 | 150.0       | 58.92 | 150.0       | 58.92 | 150.0       | 58.95 | 150.0       | 58.92 | 150.0       | 58.89 |
|        | 48                              | 121.2                        | 50.40 | 137.1       | 57.03 | 137.1       | 57.03 | 137.1       | 57.03 | 136.8       | 56.97 | 136.8       | 56.94 | 136.8       | 56.88 |
|        | 50                              | 121.2                        | 52.83 | 124.8       | 54.39 | 124.5       | 54.36 | 124.5       | 54.36 | 124.5       | 54.36 | 124.5       | 54.36 | 124.5       | 54.24 |
|        | 52                              | 110.1                        | 48.45 | 111.3       | 48.18 | 112.8       | 45.69 | 112.8       | 45.21 | 112.8       | 44.64 | 112.8       | 44.19 | 112.8       | 43.95 |
| 110    | 10                              | 111.0                        | 11.19 | 140.1       | 14.37 | 171.6       | 19.47 | 184.8       | 22.23 | 199.5       | 25.83 | 212.1       | 29.34 | 222.0       | 32.40 |
|        | 12                              | 111.0                        | 12.06 | 140.1       | 15.75 | 171.6       | 21.51 | 184.8       | 24.57 | 199.5       | 28.53 | 212.1       | 32.37 | 222.0       | 35.67 |
|        | 14                              | 111.0                        | 12.45 | 140.1       | 16.83 | 171.6       | 23.76 | 184.8       | 27.15 | 199.5       | 31.47 | 212.1       | 35.64 | 222.0       | 39.21 |
|        | 16                              | 111.0                        | 12.75 | 140.1       | 18.42 | 171.6       | 26.25 | 184.8       | 29.97 | 199.5       | 34.71 | 212.1       | 38.67 | 222.0       | 42.30 |
|        | 18                              | 111.0                        | 13.80 | 140.1       | 20.19 | 171.6       | 28.98 | 184.8       | 33.06 | 199.5       | 37.56 | 212.1       | 42.21 | 222.0       | 45.84 |
|        | 20                              | 111.0                        | 15.24 | 140.1       | 22.35 | 171.6       | 31.53 | 184.8       | 35.97 | 199.5       | 41.22 | 212.1       | 46.05 | 222.0       | 49.41 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 111.0                        | 16.05 | 140.1       | 23.43 | 171.6       | 32.91 | 184.8       | 37.77 | 199.5       | 43.08 | 212.1       | 47.52 | 222.0       | 51.24 |
|        | 23                              | 111.0                        | 17.82 | 140.1       | 26.01 | 171.6       | 36.51 | 184.8       | 40.80 | 199.5       | 45.99 | 212.1       | 50.67 | 222.0       | 54.54 |
|        | 25                              | 111.0                        | 20.01 | 140.1       | 28.74 | 171.6       | 39.00 | 184.8       | 43.65 | 199.5       | 49.11 | 212.1       | 54.27 | 222.0       | 58.41 |
|        | 27                              | 111.0                        | 22.38 | 140.1       | 31.41 | 171.6       | 42.03 | 184.8       | 46.65 | 199.5       | 52.68 | 212.1       | 58.17 | 222.0       | 62.58 |
|        | 29                              | 111.0                        | 24.87 | 140.1       | 33.51 | 171.6       | 44.79 | 184.8       | 50.22 | 199.5       | 56.91 | 212.1       | 62.61 | 222.0       | 66.06 |
|        | 31                              | 111.0                        | 26.49 | 140.1       | 35.73 | 171.6       | 47.76 | 184.8       | 53.58 | 199.5       | 60.72 | 212.1       | 66.21 | 222.0       | 69.87 |
|        | 33                              | 111.0                        | 28.26 | 140.1       | 38.10 | 171.6       | 50.94 | 184.8       | 57.18 | 199.5       | 64.92 | 212.1       | 70.11 | 222.0       | 73.98 |
|        | 35                              | 111.0                        | 30.12 | 140.1       | 40.65 | 171.6       | 54.39 | 184.8       | 61.11 | 199.5       | 69.09 | 212.1       | 74.34 | 222.0       | 78.51 |
|        | 37                              | 111.0                        | 32.13 | 140.1       | 43.35 | 171.6       | 58.11 | 184.8       | 65.40 | 199.5       | 73.29 | 212.1       | 78.99 | 216.0       | 79.65 |
|        | 39                              | 111.0                        | 34.29 | 140.1       | 46.26 | 171.6       | 62.16 | 184.8       | 68.19 | 199.5       | 73.68 | 200.4       | 74.01 | 200.7       | 74.07 |
|        | 41                              | 111.0                        | 36.57 | 140.1       | 49.38 | 171.6       | 63.63 | 184.8       | 68.52 | 185.7       | 68.85 | 185.4       | 68.79 | 185.4       | 68.79 |
|        | 43                              | 111.0                        | 39.03 | 140.1       | 52.74 | 171.0       | 64.32 | 171.0       | 64.38 | 171.0       | 64.35 | 170.7       | 64.29 | 170.7       | 64.26 |
|        | 46                              | 111.0                        | 43.02 | 140.1       | 55.08 | 150.0       | 59.01 | 150.0       | 58.98 | 150.0       | 58.98 | 150.0       | 58.98 | 149.7       | 58.86 |
|        | 48                              | 111.0                        | 45.90 | 137.1       | 57.09 | 137.1       | 57.06 | 137.1       | 57.06 | 137.1       | 57.00 | 136.8       | 57.00 | 136.8       | 56.97 |
|        | 50                              | 111.0                        | 48.45 | 124.8       | 54.51 | 124.5       | 54.36 | 124.5       | 54.36 | 124.5       | 54.33 | 124.5       | 54.30 | 124.5       | 54.30 |
| 100    | 52                              | 109.5                        | 48.18 | 110.4       | 48.69 | 112.2       | 46.92 | 112.5       | 46.44 | 112.8       | 45.93 | 112.2       | 45.51 | 112.8       | 44.88 |
|        | 10                              | 100.8                        | 10.35 | 127.5       | 12.81 | 156.0       | 16.68 | 168.0       | 18.78 | 181.5       | 21.48 | 192.9       | 24.15 | 201.9       | 26.46 |
|        | 12                              | 100.8                        | 11.10 | 127.5       | 13.98 | 156.0       | 18.39 | 168.0       | 20.73 | 181.5       | 23.76 | 192.9       | 26.70 | 201.9       | 29.22 |
|        | 14                              | 100.8                        | 11.28 | 127.5       | 14.76 | 156.0       | 20.28 | 168.0       | 22.92 | 181.5       | 26.25 | 192.9       | 29.46 | 201.9       | 32.22 |
|        | 16                              | 100.8                        | 11.40 | 127.5       | 15.72 | 156.0       | 22.11 | 168.0       | 25.29 | 181.5       | 29.01 | 192.9       | 32.52 | 201.9       | 35.52 |
|        | 18                              | 100.8                        | 12.09 | 127.5       | 17.31 | 156.0       | 24.30 | 168.0       | 27.57 | 181.5       | 32.01 | 192.9       | 35.43 | 201.9       | 38.43 |
|        | 20                              | 100.8                        | 13.23 | 127.5       | 19.05 | 156.0       | 26.73 | 168.0       | 30.30 | 181.5       | 34.71 | 192.9       | 38.70 | 201.9       | 42.18 |
|        | 21                              | 100.8                        | 13.95 | 127.5       | 20.01 | 156.0       | 27.99 | 168.0       | 31.89 | 181.5       | 36.45 | 192.9       | 40.65 | 201.9       | 43.95 |
|        | 23                              | 100.8                        | 15.51 | 127.5       | 22.11 | 156.0       | 30.93 | 168.0       | 35.16 | 181.5       | 39.66 | 192.9       | 43.65 | 201.9       | 46.92 |
|        | 25                              | 100.8                        | 17.31 | 127.5       | 24.72 | 156.0       | 34.23 | 168.0       | 38.19 | 181.5       | 42.42 | 192.9       | 46.62 | 201.9       | 50.04 |
|        | 27                              | 100.8                        | 19.38 | 127.5       | 27.69 | 156.0       | 36.48 | 168.0       | 40.71 | 181.5       | 45.81 | 192.9       | 50.52 | 201.9       | 53.67 |
|        | 29                              | 100.8                        | 21.84 | 127.5       | 29.52 | 156.0       | 38.91 | 168.0       | 43.38 | 181.5       | 48.84 | 192.9       | 53.85 | 201.9       | 58.02 |
|        | 31                              | 100.8                        | 23.70 | 127.5       | 31.47 | 156.0       | 41.49 | 168.0       | 46.26 | 181.5       | 52.08 | 192.9       | 57.45 | 201.9       | 61.92 |
|        | 33                              | 100.8                        | 25.26 | 127.5       | 33.57 | 156.0       | 44.25 | 168.0       | 49.35 | 181.5       | 55.56 | 192.9       | 61.35 | 201.9       | 66.12 |
| 90     | 35                              | 100.8                        | 26.94 | 127.5       | 35.82 | 156.0       | 47.19 | 168.0       | 52.62 | 181.5       | 59.37 | 192.9       | 65.64 | 201.9       | 70.05 |
|        | 37                              | 100.8                        | 28.71 | 127.5       | 38.19 | 156.0       | 50.37 | 168.0       | 56.25 | 181.5       | 63.51 | 192.9       | 70.38 | 201.9       | 74.34 |
|        | 39                              | 100.8                        | 30.63 | 127.5       | 40.74 | 156.0       | 53.79 | 168.0       | 60.15 | 181.5       | 66.99 | 192.9       | 71.25 | 200.7       | 74.13 |
|        | 41                              | 100.8                        | 32.70 | 127.5       | 43.47 | 156.0       | 57.48 | 168.0       | 62.28 | 181.5       | 67.29 | 185.4       | 68.82 | 185.7       | 68.82 |
|        | 43                              | 100.8                        | 34.89 | 127.5       | 46.38 | 156.0       | 58.71 | 168.0       | 63.21 | 170.7       | 64.32 | 171.0       | 64.38 | 171.0       | 64.35 |
|        | 46                              | 100.8                        | 38.46 | 127.5       | 50.07 | 150.0       | 58.98 | 150.3       | 59.01 | 150.3       | 59.01 | 150.3       | 59.01 | 150.0       | 58.92 |
|        | 48                              | 100.8                        | 41.04 | 127.5       | 53.04 | 137.4       | 57.12 | 137.1       | 57.09 | 137.1       | 57.03 | 137.1       | 57.03 | 137.1       | 57.03 |
|        | 50                              | 100.8                        | 43.80 | 124.8       | 54.42 | 124.8       | 54.39 | 124.8       | 54.39 | 124.5       | 54.33 | 124.5       | 54.30 | 124.5       | 54.30 |
|        | 52                              | 100.8                        | 44.46 | 110.1       | 48.48 | 111.0       | 48.33 | 111.6       | 47.58 | 112.2       | 46.80 | 112.8       | 46.05 | 112.8       | 45.45 |
|        | 10                              | 90.90                        | 9.66  | 114.6       | 11.52 | 140.4       | 14.37 | 151.2       | 15.93 | 163.2       | 17.94 | 173.7       | 19.86 | 181.8       | 21.57 |
|        | 12                              | 90.90                        | 9.87  | 114.6       | 12.45 | 140.4       | 15.78 | 151.2       | 17.55 | 163.2       | 19.80 | 173.7       | 21.96 | 181.8       | 23.85 |
|        | 14                              | 90.90                        | 9.99  | 114.6       | 12.87 | 140.4       | 16.86 | 151.2       | 19.32 | 163.2       | 21.87 | 173.7       | 24.27 | 181.8       | 26.34 |
|        | 16                              | 90.90                        | 10.23 | 114.6       | 13.17 | 140.4       | 18.45 | 151.2       | 21.03 | 163.2       | 24.12 | 173.7       | 26.82 | 181.8       | 29.10 |
|        | 18                              | 90.90                        | 10.35 | 114.6       | 14.58 | 140.4       | 20.19 | 151.2       | 22.95 | 163.2       | 26.25 | 173.7       | 29.58 | 181.8       | 31.74 |
|        | 20                              | 90.90                        | 11.49 | 114.6       | 16.11 | 140.4       | 22.38 | 151.2       | 25.32 | 163.2       | 28.86 | 173.7       | 32.19 | 181.8       | 34.95 |
|        | 21                              | 90.90                        | 11.97 | 114.6       | 16.95 | 140.4       | 23.46 | 151.2       | 26.52 | 163.2       | 30.39 | 173.7       | 33.81 | 181.8       | 36.48 |
|        | 23                              | 90.90                        | 13.32 | 114.6       | 18.78 | 140.4       | 26.04 | 151.2       | 29.34 | 163.2       | 33.54 | 173.7       | 37.20 | 181.8       | 39.84 |
|        | 25                              | 90.90                        | 14.94 | 114.6       | 20.91 | 140.4       | 28.98 | 151.2       | 32.73 | 163.2       | 36.60 | 173.7       | 40.17 | 181.8       | 42.63 |
|        | 27                              | 90.90                        | 16.59 | 114.6       | 23.52 | 140.4       | 31.47 | 151.2       | 34.89 | 163.2       | 39.03 | 173.7       | 42.81 | 181.8       | 45.93 |
|        | 29                              | 90.90                        | 18.75 | 114.6       | 25.86 | 140.4       | 33.57 | 151.2       | 37.20 | 163.2       | 41.61 | 173.7       | 45.63 | 181.8       | 48.96 |
|        | 31                              | 90.90                        | 21.12 | 114.6       | 27.57 | 140.4       | 35.79 | 151.2       | 39.69 | 163.2       | 44.37 | 173.7       | 48.66 | 181.8       | 52.23 |
|        | 33                              | 90.90                        | 22.47 | 114.6       | 29.40 | 140.4       | 38.16 | 151.2       | 42.33 | 163.2       | 47.34 | 173.7       | 51.90 | 181.8       | 55.74 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 90.90                        | 23.94 | 114.6       | 31.35 | 140.4       | 40.71 | 151.2       | 45.15 | 163.2       | 50.49 | 173.7       | 55.41 | 181.8       | 59.52 |
|        | 37                              | 90.90                        | 25.53 | 114.6       | 33.42 | 140.4       | 43.44 | 151.2       | 48.15 | 163.2       | 53.91 | 173.7       | 59.22 | 181.8       | 63.69 |
|        | 39                              | 90.90                        | 27.24 | 114.6       | 35.67 | 140.4       | 46.35 | 151.2       | 51.42 | 163.2       | 57.60 | 173.7       | 63.39 | 181.8       | 67.11 |
|        | 41                              | 90.90                        | 29.07 | 114.6       | 38.04 | 140.4       | 49.47 | 151.2       | 54.93 | 163.2       | 60.57 | 173.7       | 64.41 | 181.8       | 67.41 |
|        | 43                              | 90.90                        | 31.02 | 114.6       | 40.59 | 140.4       | 52.83 | 151.2       | 56.91 | 163.2       | 61.47 | 171.0       | 64.38 | 171.0       | 64.35 |
|        | 46                              | 90.90                        | 34.20 | 114.6       | 44.73 | 140.4       | 55.14 | 150.3       | 59.07 | 150.3       | 59.01 | 150.0       | 59.01 | 150.3       | 59.01 |
|        | 48                              | 90.90                        | 36.51 | 114.6       | 47.76 | 137.4       | 57.15 | 137.1       | 57.09 | 137.1       | 57.06 | 137.1       | 57.03 | 137.1       | 57.03 |
|        | 50                              | 90.90                        | 38.97 | 114.6       | 50.04 | 124.8       | 54.51 | 124.8       | 54.48 | 124.8       | 54.42 | 124.8       | 54.39 | 124.8       | 54.39 |
|        | 52                              | 90.90                        | 41.61 | 109.5       | 48.24 | 110.7       | 49.05 | 111.3       | 48.30 | 111.9       | 47.49 | 112.2       | 46.74 | 112.8       | 46.17 |
| 80     | 10                              | 80.70                        | 8.85  | 102.0       | 10.44 | 124.8       | 12.51 | 134.4       | 13.62 | 145.2       | 15.03 | 154.2       | 16.41 | 161.7       | 17.61 |
|        | 12                              | 80.70                        | 8.88  | 102.0       | 11.19 | 124.8       | 13.62 | 134.4       | 14.91 | 145.2       | 16.53 | 154.2       | 18.09 | 161.7       | 19.44 |
|        | 14                              | 80.70                        | 8.97  | 102.0       | 11.37 | 124.8       | 14.34 | 134.4       | 15.72 | 145.2       | 17.76 | 154.2       | 19.95 | 161.7       | 21.48 |
|        | 16                              | 80.70                        | 9.09  | 102.0       | 11.52 | 124.8       | 15.18 | 134.4       | 17.07 | 145.2       | 19.62 | 154.2       | 21.78 | 161.7       | 23.70 |
|        | 18                              | 80.70                        | 9.33  | 102.0       | 12.24 | 124.8       | 16.71 | 134.4       | 18.90 | 145.2       | 21.42 | 154.2       | 23.79 | 161.7       | 25.89 |
|        | 20                              | 80.70                        | 9.84  | 102.0       | 13.38 | 124.8       | 18.39 | 134.4       | 20.79 | 145.2       | 23.67 | 154.2       | 26.19 | 161.7       | 28.47 |
|        | 21                              | 80.70                        | 10.26 | 102.0       | 14.10 | 124.8       | 19.35 | 134.4       | 21.81 | 145.2       | 24.81 | 154.2       | 27.63 | 161.7       | 29.76 |
|        | 23                              | 80.70                        | 11.40 | 102.0       | 15.69 | 124.8       | 21.39 | 134.4       | 24.27 | 145.2       | 27.51 | 154.2       | 30.33 | 161.7       | 32.85 |
|        | 25                              | 80.70                        | 12.63 | 102.0       | 17.52 | 124.8       | 23.94 | 134.4       | 26.85 | 145.2       | 30.60 | 154.2       | 33.72 | 161.7       | 36.03 |
|        | 27                              | 80.70                        | 14.25 | 102.0       | 19.65 | 124.8       | 26.94 | 134.4       | 29.67 | 145.2       | 32.97 | 154.2       | 35.97 | 161.7       | 38.43 |
|        | 29                              | 80.70                        | 16.14 | 102.0       | 22.08 | 124.8       | 28.71 | 134.4       | 31.65 | 145.2       | 35.16 | 154.2       | 38.34 | 161.7       | 40.98 |
|        | 31                              | 80.70                        | 18.18 | 102.0       | 23.97 | 124.8       | 30.63 | 134.4       | 33.75 | 145.2       | 37.50 | 154.2       | 40.89 | 161.7       | 43.68 |
|        | 33                              | 80.70                        | 19.89 | 102.0       | 25.56 | 124.8       | 32.67 | 134.4       | 36.00 | 145.2       | 39.99 | 154.2       | 43.62 | 161.7       | 46.59 |
|        | 35                              | 80.70                        | 21.18 | 102.0       | 27.24 | 124.8       | 34.83 | 134.4       | 38.37 | 145.2       | 42.66 | 154.2       | 46.50 | 161.7       | 49.71 |
|        | 37                              | 80.70                        | 22.56 | 102.0       | 29.04 | 124.8       | 37.17 | 134.4       | 40.95 | 145.2       | 45.48 | 154.2       | 49.62 | 161.7       | 53.07 |
|        | 39                              | 80.70                        | 24.06 | 102.0       | 30.99 | 124.8       | 39.63 | 134.4       | 43.68 | 145.2       | 48.54 | 154.2       | 53.01 | 161.7       | 56.70 |
|        | 41                              | 80.70                        | 25.68 | 102.0       | 33.06 | 124.8       | 42.30 | 134.4       | 46.62 | 145.2       | 51.84 | 154.2       | 56.64 | 161.7       | 59.91 |
|        | 43                              | 80.70                        | 27.42 | 102.0       | 35.28 | 124.8       | 45.12 | 134.4       | 49.74 | 145.2       | 54.63 | 154.2       | 58.11 | 161.7       | 60.81 |
|        | 46                              | 80.70                        | 30.24 | 102.0       | 38.91 | 124.8       | 49.02 | 134.4       | 52.80 | 145.2       | 57.03 | 150.0       | 58.98 | 150.0       | 58.98 |
|        | 48                              | 80.70                        | 32.31 | 102.0       | 41.52 | 124.8       | 51.90 | 134.4       | 55.92 | 137.1       | 57.09 | 137.1       | 57.03 | 137.1       | 57.00 |
|        | 50                              | 80.70                        | 34.50 | 102.0       | 44.31 | 124.8       | 54.42 | 124.8       | 54.48 | 124.8       | 54.42 | 124.8       | 54.39 | 124.5       | 54.36 |
|        | 52                              | 80.70                        | 36.84 | 102.0       | 44.91 | 110.1       | 48.51 | 110.7       | 48.72 | 111.3       | 48.42 | 111.6       | 47.64 | 112.2       | 47.07 |
| 70     | 10                              | 70.80                        | 7.32  | 89.10       | 9.57  | 109.2       | 11.01 | 117.6       | 11.79 | 126.9       | 12.75 | 135.0       | 13.71 | 141.3       | 14.52 |
|        | 12                              | 70.80                        | 7.95  | 89.10       | 9.66  | 109.2       | 11.88 | 117.6       | 12.78 | 126.9       | 13.92 | 135.0       | 15.00 | 141.3       | 15.93 |
|        | 14                              | 70.80                        | 8.04  | 89.10       | 9.90  | 109.2       | 12.18 | 117.6       | 13.29 | 126.9       | 14.64 | 135.0       | 15.87 | 141.3       | 17.07 |
|        | 16                              | 70.80                        | 8.16  | 89.10       | 10.02 | 109.2       | 12.45 | 117.6       | 13.77 | 126.9       | 15.57 | 135.0       | 17.28 | 141.3       | 18.66 |
|        | 18                              | 70.80                        | 8.25  | 89.10       | 10.26 | 109.2       | 13.53 | 117.6       | 15.18 | 126.9       | 17.13 | 135.0       | 18.96 | 141.3       | 20.43 |
|        | 20                              | 70.80                        | 8.43  | 89.10       | 11.19 | 109.2       | 14.82 | 117.6       | 16.74 | 126.9       | 18.87 | 135.0       | 20.85 | 141.3       | 22.62 |
|        | 21                              | 70.80                        | 8.85  | 89.10       | 11.79 | 109.2       | 15.63 | 117.6       | 17.61 | 126.9       | 19.83 | 135.0       | 22.05 | 141.3       | 23.70 |
|        | 23                              | 70.80                        | 9.69  | 89.10       | 12.96 | 109.2       | 17.34 | 117.6       | 19.50 | 126.9       | 22.08 | 135.0       | 24.33 | 141.3       | 26.31 |
|        | 25                              | 70.80                        | 10.71 | 89.10       | 14.55 | 109.2       | 19.50 | 117.6       | 21.87 | 126.9       | 24.51 | 135.0       | 27.12 | 141.3       | 29.28 |
|        | 27                              | 70.80                        | 11.94 | 89.10       | 16.32 | 109.2       | 21.78 | 117.6       | 24.42 | 126.9       | 27.57 | 135.0       | 29.88 | 141.3       | 31.77 |
|        | 29                              | 70.80                        | 13.56 | 89.10       | 18.48 | 109.2       | 24.36 | 117.6       | 26.64 | 126.9       | 29.37 | 135.0       | 31.86 | 141.3       | 33.90 |
|        | 31                              | 70.80                        | 15.36 | 89.10       | 20.70 | 109.2       | 25.95 | 117.6       | 28.41 | 126.9       | 31.35 | 135.0       | 33.99 | 141.3       | 36.15 |
|        | 33                              | 70.80                        | 17.28 | 89.10       | 22.05 | 109.2       | 27.66 | 117.6       | 30.30 | 126.9       | 33.42 | 135.0       | 36.24 | 141.3       | 38.55 |
|        | 35                              | 70.80                        | 18.63 | 89.10       | 23.49 | 109.2       | 29.52 | 117.6       | 32.31 | 126.9       | 35.64 | 135.0       | 38.64 | 141.3       | 41.13 |
|        | 37                              | 70.80                        | 19.83 | 89.10       | 25.02 | 109.2       | 31.47 | 117.6       | 34.47 | 126.9       | 38.04 | 135.0       | 41.22 | 141.3       | 43.86 |
|        | 39                              | 70.80                        | 21.12 | 89.10       | 26.70 | 109.2       | 33.60 | 117.6       | 36.78 | 126.9       | 40.56 | 135.0       | 43.98 | 141.3       | 46.80 |
|        | 41                              | 70.80                        | 22.53 | 89.10       | 28.50 | 109.2       | 35.82 | 117.6       | 39.24 | 126.9       | 43.29 | 135.0       | 46.95 | 141.3       | 49.95 |
|        | 43                              | 70.80                        | 24.06 | 89.10       | 30.42 | 109.2       | 38.22 | 117.6       | 41.85 | 126.9       | 46.17 | 135.0       | 50.10 | 141.3       | 53.34 |
|        | 46                              | 70.80                        | 26.55 | 89.10       | 33.54 | 109.2       | 42.15 | 117.6       | 46.14 | 126.9       | 49.92 | 135.0       | 53.07 | 141.3       | 55.56 |
|        | 48                              | 70.80                        | 28.38 | 89.10       | 35.82 | 109.2       | 44.97 | 117.6       | 49.26 | 126.9       | 52.86 | 135.0       | 56.19 | 137.4       | 57.12 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 70.80                        | 30.33 | 89.10       | 38.22 | 109.2       | 48.00 | 117.6       | 51.27 | 124.8       | 54.48 | 124.8       | 54.39 | 124.8       | 54.45 |
|        | 52                              | 70.80                        | 32.40 | 89.10       | 40.80 | 109.2       | 48.06 | 109.8       | 48.36 | 110.4       | 48.60 | 111.0       | 48.87 | 111.3       | 48.27 |
| 60     | 10                              | 60.60                        | 5.76  | 76.50       | 8.16  | 93.60       | 9.84  | 100.8       | 10.35 | 108.9       | 10.98 | 115.8       | 11.61 | 121.2       | 12.15 |
|        | 12                              | 60.60                        | 7.05  | 76.50       | 8.43  | 93.60       | 10.11 | 100.8       | 11.07 | 108.9       | 11.85 | 115.8       | 12.57 | 121.2       | 13.20 |
|        | 14                              | 60.60                        | 7.14  | 76.50       | 8.55  | 93.60       | 10.35 | 100.8       | 11.25 | 108.9       | 12.21 | 115.8       | 13.02 | 121.2       | 13.86 |
|        | 16                              | 60.60                        | 7.23  | 76.50       | 8.64  | 93.60       | 10.47 | 100.8       | 11.37 | 108.9       | 12.48 | 115.8       | 13.38 | 121.2       | 14.52 |
|        | 18                              | 60.60                        | 7.32  | 76.50       | 8.88  | 93.60       | 10.86 | 100.8       | 12.06 | 108.9       | 13.44 | 115.8       | 14.76 | 121.2       | 15.84 |
|        | 20                              | 60.60                        | 7.41  | 76.50       | 9.24  | 93.60       | 11.88 | 100.8       | 13.20 | 108.9       | 14.85 | 115.8       | 16.29 | 121.2       | 17.64 |
|        | 21                              | 60.60                        | 7.50  | 76.50       | 9.60  | 93.60       | 12.54 | 100.8       | 13.89 | 108.9       | 15.63 | 115.8       | 17.16 | 121.2       | 18.54 |
|        | 23                              | 60.60                        | 8.13  | 76.50       | 10.65 | 93.60       | 13.95 | 100.8       | 15.48 | 108.9       | 17.37 | 115.8       | 18.99 | 121.2       | 20.52 |
|        | 25                              | 60.60                        | 8.97  | 76.50       | 11.82 | 93.60       | 15.45 | 100.8       | 17.28 | 108.9       | 19.35 | 115.8       | 21.36 | 121.2       | 22.77 |
|        | 27                              | 60.60                        | 9.96  | 76.50       | 13.14 | 93.60       | 17.34 | 100.8       | 19.35 | 108.9       | 21.63 | 115.8       | 23.82 | 121.2       | 25.56 |
|        | 29                              | 60.60                        | 11.19 | 76.50       | 14.94 | 93.60       | 19.56 | 100.8       | 21.78 | 108.9       | 24.30 | 115.8       | 26.16 | 121.2       | 27.66 |
|        | 31                              | 60.60                        | 12.84 | 76.50       | 17.04 | 93.60       | 21.78 | 100.8       | 23.67 | 108.9       | 25.89 | 115.8       | 27.87 | 121.2       | 29.49 |
|        | 33                              | 60.60                        | 14.70 | 76.50       | 18.87 | 93.60       | 23.19 | 100.8       | 25.20 | 108.9       | 27.60 | 115.8       | 29.73 | 121.2       | 31.47 |
|        | 35                              | 60.60                        | 16.05 | 76.50       | 20.07 | 93.60       | 24.72 | 100.8       | 26.88 | 108.9       | 29.43 | 115.8       | 31.71 | 121.2       | 33.57 |
|        | 37                              | 60.60                        | 17.07 | 76.50       | 21.36 | 93.60       | 26.37 | 100.8       | 28.65 | 108.9       | 31.38 | 115.8       | 33.81 | 121.2       | 35.79 |
|        | 39                              | 60.60                        | 18.39 | 76.50       | 22.80 | 93.60       | 28.14 | 100.8       | 30.57 | 108.9       | 33.48 | 115.8       | 36.09 | 121.2       | 38.19 |
|        | 41                              | 60.60                        | 19.62 | 76.50       | 24.30 | 93.60       | 30.03 | 100.8       | 32.64 | 108.9       | 35.73 | 115.8       | 38.49 | 121.2       | 40.74 |
|        | 43                              | 60.60                        | 20.94 | 76.50       | 25.95 | 93.60       | 32.04 | 100.8       | 34.83 | 108.9       | 38.10 | 115.8       | 41.07 | 121.2       | 43.47 |
|        | 46                              | 60.60                        | 23.13 | 76.50       | 28.65 | 93.60       | 35.34 | 100.8       | 38.37 | 108.9       | 42.00 | 115.8       | 45.27 | 121.2       | 47.94 |
|        | 48                              | 60.60                        | 24.72 | 76.50       | 30.60 | 93.60       | 37.71 | 100.8       | 40.95 | 108.9       | 44.82 | 115.8       | 48.30 | 121.2       | 50.43 |
|        | 50                              | 60.60                        | 26.43 | 76.50       | 32.70 | 93.60       | 40.23 | 100.8       | 43.71 | 108.9       | 47.85 | 115.8       | 50.49 | 121.2       | 52.86 |
|        | 52                              | 60.60                        | 28.29 | 76.50       | 34.92 | 93.60       | 42.93 | 100.8       | 44.37 | 108.9       | 47.94 | 109.8       | 48.33 | 110.1       | 48.51 |
| 50     | 10                              | 50.40                        | 4.53  | 63.60       | 6.21  | 78.00       | 8.40  | 84.00       | 9.09  | 90.60       | 9.66  | 96.60       | 10.05 | 101.1       | 10.35 |
|        | 12                              | 50.40                        | 6.27  | 63.60       | 7.35  | 78.00       | 8.55  | 84.00       | 9.21  | 90.60       | 9.90  | 96.60       | 10.50 | 101.1       | 11.10 |
|        | 14                              | 50.40                        | 6.36  | 63.60       | 7.44  | 78.00       | 8.76  | 84.00       | 9.33  | 90.60       | 10.02 | 96.60       | 10.65 | 101.1       | 11.28 |
|        | 16                              | 50.40                        | 6.45  | 63.60       | 7.53  | 78.00       | 8.88  | 84.00       | 9.42  | 90.60       | 10.26 | 96.60       | 10.89 | 101.1       | 11.40 |
|        | 18                              | 50.40                        | 6.45  | 63.60       | 7.65  | 78.00       | 8.97  | 84.00       | 9.66  | 90.60       | 10.38 | 96.60       | 11.37 | 101.1       | 12.09 |
|        | 20                              | 50.40                        | 6.54  | 63.60       | 7.74  | 78.00       | 9.39  | 84.00       | 10.32 | 90.60       | 11.37 | 96.60       | 12.45 | 101.1       | 13.38 |
|        | 21                              | 50.40                        | 6.60  | 63.60       | 7.89  | 78.00       | 9.90  | 84.00       | 10.86 | 90.60       | 12.00 | 96.60       | 13.11 | 101.1       | 13.95 |
|        | 23                              | 50.40                        | 6.87  | 63.60       | 8.61  | 78.00       | 10.86 | 84.00       | 11.97 | 90.60       | 13.35 | 96.60       | 14.61 | 101.1       | 15.54 |
|        | 25                              | 50.40                        | 7.47  | 63.60       | 9.48  | 78.00       | 12.18 | 84.00       | 13.41 | 90.60       | 14.79 | 96.60       | 16.17 | 101.1       | 17.31 |
|        | 27                              | 50.40                        | 8.28  | 63.60       | 10.56 | 78.00       | 13.56 | 84.00       | 14.94 | 90.60       | 16.62 | 96.60       | 18.15 | 101.1       | 19.44 |
|        | 29                              | 50.40                        | 9.24  | 63.60       | 12.03 | 78.00       | 15.39 | 84.00       | 16.92 | 90.60       | 18.78 | 96.60       | 20.61 | 101.1       | 21.87 |
|        | 31                              | 50.40                        | 10.50 | 63.60       | 13.59 | 78.00       | 17.37 | 84.00       | 19.23 | 90.60       | 21.09 | 96.60       | 22.53 | 101.1       | 23.70 |
|        | 33                              | 50.40                        | 12.06 | 63.60       | 15.72 | 78.00       | 19.02 | 84.00       | 20.70 | 90.60       | 22.44 | 96.60       | 24.00 | 101.1       | 25.26 |
|        | 35                              | 50.40                        | 13.62 | 63.60       | 16.74 | 78.00       | 20.46 | 84.00       | 22.05 | 90.60       | 23.91 | 96.60       | 25.59 | 101.1       | 26.94 |
|        | 37                              | 50.40                        | 14.67 | 63.60       | 18.06 | 78.00       | 21.78 | 84.00       | 23.49 | 90.60       | 25.50 | 96.60       | 27.27 | 101.1       | 28.74 |
|        | 39                              | 50.40                        | 15.60 | 63.60       | 19.23 | 78.00       | 23.22 | 84.00       | 25.05 | 90.60       | 27.21 | 96.60       | 29.10 | 101.1       | 30.66 |
|        | 41                              | 50.40                        | 16.62 | 63.60       | 20.49 | 78.00       | 24.78 | 84.00       | 26.73 | 90.60       | 29.01 | 96.60       | 31.05 | 101.1       | 32.70 |
|        | 43                              | 50.40                        | 17.73 | 63.60       | 21.87 | 78.00       | 26.46 | 84.00       | 28.53 | 90.60       | 30.99 | 96.60       | 33.15 | 101.1       | 34.89 |
|        | 46                              | 50.40                        | 19.62 | 63.60       | 24.18 | 78.00       | 29.22 | 84.00       | 31.50 | 90.60       | 34.17 | 96.60       | 36.54 | 101.1       | 38.46 |
|        | 48                              | 50.40                        | 21.06 | 63.60       | 25.83 | 78.00       | 31.20 | 84.00       | 33.63 | 90.60       | 36.45 | 96.60       | 39.00 | 101.1       | 41.04 |
|        | 50                              | 50.40                        | 22.65 | 63.60       | 27.63 | 78.00       | 33.33 | 84.00       | 35.88 | 90.60       | 38.91 | 96.60       | 41.61 | 101.1       | 43.80 |
|        | 52                              | 50.40                        | 24.39 | 63.60       | 29.55 | 78.00       | 35.58 | 84.00       | 38.31 | 90.60       | 41.55 | 96.60       | 42.48 | 101.1       | 44.46 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM620LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 148.4                        | 18.16 | 183.1       | 23.65 | 213.1       | 31.02 | 225.7       | 34.31 | 239.5       | 38.37 | 253.5       | 41.74 | 263.5       | 44.28 |
|        | 12                              | 148.4                        | 19.21 | 183.1       | 25.34 | 213.1       | 33.40 | 225.7       | 36.77 | 239.5       | 41.14 | 253.5       | 44.49 | 263.5       | 47.18 |
|        | 14                              | 148.4                        | 20.05 | 183.1       | 27.17 | 213.1       | 35.94 | 225.7       | 39.60 | 239.5       | 43.62 | 253.5       | 47.25 | 263.5       | 50.38 |
|        | 16                              | 148.4                        | 21.21 | 183.1       | 29.15 | 213.1       | 38.80 | 225.7       | 42.36 | 239.5       | 46.74 | 253.5       | 50.61 | 263.5       | 53.96 |
|        | 18                              | 148.4                        | 22.72 | 183.1       | 31.41 | 213.1       | 41.47 | 225.7       | 45.70 | 239.5       | 50.33 | 253.5       | 54.13 | 263.5       | 57.06 |
|        | 20                              | 148.4                        | 24.51 | 183.1       | 34.06 | 213.1       | 44.76 | 225.7       | 49.74 | 239.5       | 54.08 | 253.5       | 58.46 | 263.5       | 60.80 |
|        | 21                              | 148.4                        | 25.48 | 183.1       | 35.44 | 213.1       | 46.10 | 225.7       | 51.80 | 239.5       | 56.23 | 253.5       | 60.58 | 263.5       | 62.92 |
|        | 23                              | 148.4                        | 27.76 | 183.1       | 38.51 | 213.1       | 49.11 | 225.7       | 55.88 | 239.5       | 61.25 | 253.5       | 64.94 | 263.5       | 67.33 |
|        | 25                              | 148.4                        | 30.39 | 183.1       | 41.39 | 213.1       | 52.42 | 225.7       | 60.89 | 239.5       | 66.00 | 253.5       | 69.80 | 263.5       | 72.26 |
|        | 27                              | 148.4                        | 33.19 | 183.1       | 44.16 | 213.1       | 56.35 | 225.7       | 66.61 | 239.5       | 70.99 | 253.5       | 75.01 | 263.5       | 77.66 |
|        | 29                              | 148.4                        | 35.39 | 183.1       | 47.14 | 213.1       | 61.13 | 225.7       | 71.88 | 239.5       | 76.48 | 253.5       | 80.70 | 263.5       | 83.36 |
|        | 31                              | 148.4                        | 37.75 | 183.1       | 50.08 | 213.1       | 65.58 | 225.7       | 74.65 | 239.5       | 79.51 | 252.9       | 83.84 | 263.1       | 86.80 |
|        | 33                              | 148.4                        | 40.26 | 183.1       | 53.66 | 213.1       | 70.39 | 225.7       | 77.47 | 239.4       | 82.64 | 250.0       | 86.21 | 252.2       | 86.35 |
|        | 35                              | 148.4                        | 42.92 | 183.1       | 57.23 | 213.1       | 75.69 | 225.4       | 80.38 | 235.7       | 84.50 | 237.9       | 84.78 | 240.3       | 84.89 |
|        | 37                              | 148.4                        | 45.79 | 183.1       | 61.04 | 212.6       | 78.39 | 222.4       | 81.88 | 224.0       | 82.05 | 226.0       | 82.29 | 228.4       | 82.38 |
|        | 39                              | 148.4                        | 48.80 | 183.1       | 65.30 | 209.8       | 77.61 | 211.0       | 77.71 | 212.0       | 77.84 | 214.5       | 78.12 | 216.9       | 78.21 |
|        | 41                              | 148.4                        | 52.71 | 181.0       | 68.91 | 196.7       | 73.98 | 197.6       | 74.10 | 199.1       | 74.23 | 201.1       | 74.43 | 203.4       | 74.60 |
|        | 43                              | 148.4                        | 56.82 | 178.0       | 69.39 | 184.0       | 70.83 | 184.8       | 70.97 | 186.2       | 71.08 | 188.5       | 71.37 | 190.3       | 71.43 |
|        | 46                              | 146.5                        | 62.05 | 161.9       | 66.95 | 163.9       | 67.07 | 164.9       | 67.21 | 166.3       | 67.34 | 168.1       | 67.55 | 170.2       | 67.70 |
|        | 48                              | 139.6                        | 63.55 | 145.0       | 65.25 | 146.8       | 65.25 | 147.6       | 65.31 | 149.1       | 65.60 | 150.7       | 65.76 | 152.4       | 65.85 |
|        | 50                              | 128.8                        | 62.97 | 128.7       | 63.13 | 130.2       | 63.02 | 131.0       | 63.07 | 132.0       | 63.34 | 133.5       | 63.39 | 134.9       | 63.50 |
|        | 52                              | 112.2                        | 58.49 | 111.9       | 57.90 | 114.1       | 56.13 | 114.7       | 55.71 | 115.6       | 55.70 | 117.0       | 55.38 | 118.2       | 55.27 |
| 120    | 10                              | 136.0                        | 16.48 | 167.6       | 21.10 | 196.5       | 27.42 | 208.3       | 30.79 | 221.3       | 34.11 | 234.6       | 37.21 | 243.8       | 39.88 |
|        | 12                              | 136.0                        | 17.41 | 167.6       | 22.55 | 196.5       | 29.51 | 208.3       | 32.91 | 221.3       | 36.71 | 234.6       | 40.16 | 243.8       | 42.81 |
|        | 14                              | 136.0                        | 18.18 | 167.6       | 24.13 | 196.5       | 31.78 | 208.3       | 35.42 | 221.3       | 39.50 | 234.6       | 42.82 | 243.8       | 45.43 |
|        | 16                              | 136.0                        | 18.84 | 167.6       | 25.70 | 196.5       | 34.22 | 208.3       | 38.12 | 221.3       | 42.21 | 234.6       | 45.66 | 243.8       | 48.62 |
|        | 18                              | 136.0                        | 20.19 | 167.6       | 27.63 | 196.5       | 36.89 | 208.3       | 40.91 | 221.3       | 45.27 | 234.6       | 49.11 | 243.8       | 51.97 |
|        | 20                              | 136.0                        | 21.63 | 167.6       | 29.96 | 196.5       | 39.54 | 208.3       | 44.19 | 221.3       | 48.57 | 234.6       | 52.35 | 243.8       | 55.06 |
|        | 21                              | 136.0                        | 22.53 | 167.6       | 31.22 | 196.5       | 41.20 | 208.3       | 45.68 | 221.3       | 50.12 | 234.6       | 54.02 | 243.8       | 57.26 |
|        | 23                              | 136.0                        | 24.66 | 167.6       | 34.05 | 196.5       | 44.45 | 208.3       | 48.86 | 221.3       | 53.60 | 234.6       | 57.63 | 243.8       | 60.39 |
|        | 25                              | 136.0                        | 26.94 | 167.6       | 37.26 | 196.5       | 47.12 | 208.3       | 52.12 | 221.3       | 57.41 | 234.6       | 61.70 | 243.8       | 64.12 |
|        | 27                              | 136.0                        | 29.61 | 167.6       | 39.78 | 196.5       | 50.70 | 208.3       | 55.81 | 221.3       | 61.97 | 234.6       | 65.75 | 243.8       | 68.27 |
|        | 29                              | 136.0                        | 31.80 | 167.6       | 42.43 | 196.5       | 53.79 | 208.3       | 60.02 | 221.3       | 66.01 | 234.6       | 70.20 | 243.8       | 72.78 |
|        | 31                              | 136.0                        | 33.90 | 167.6       | 45.28 | 196.5       | 57.09 | 208.3       | 64.45 | 221.3       | 70.47 | 234.6       | 75.00 | 243.8       | 77.82 |
|        | 33                              | 136.0                        | 36.12 | 167.6       | 48.27 | 196.5       | 61.04 | 208.3       | 69.69 | 221.3       | 75.44 | 234.6       | 80.13 | 243.8       | 83.20 |
|        | 35                              | 136.0                        | 38.48 | 167.6       | 51.48 | 196.5       | 65.42 | 208.3       | 75.42 | 221.3       | 80.43 | 234.5       | 85.22 | 237.0       | 85.66 |
|        | 37                              | 136.0                        | 41.20 | 167.6       | 54.69 | 196.5       | 70.31 | 208.3       | 78.07 | 220.3       | 82.38 | 223.0       | 82.67 | 224.9       | 82.86 |
|        | 39                              | 136.0                        | 44.11 | 167.6       | 58.23 | 196.5       | 73.87 | 207.7       | 77.96 | 209.1       | 78.20 | 211.3       | 78.26 | 213.4       | 78.47 |
|        | 41                              | 136.0                        | 47.85 | 167.6       | 63.23 | 194.1       | 73.99 | 194.9       | 74.19 | 195.9       | 74.29 | 197.8       | 74.36 | 199.9       | 74.56 |
|        | 43                              | 136.0                        | 51.83 | 167.1       | 65.16 | 181.4       | 70.63 | 182.4       | 70.86 | 183.2       | 70.96 | 185.2       | 71.04 | 187.3       | 71.29 |
|        | 46                              | 134.2                        | 57.70 | 159.6       | 65.91 | 161.6       | 66.50 | 162.5       | 66.72 | 163.4       | 66.88 | 165.3       | 66.94 | 167.3       | 67.14 |
|        | 48                              | 128.1                        | 59.07 | 143.0       | 64.31 | 144.9       | 64.96 | 145.7       | 65.12 | 146.3       | 65.17 | 148.0       | 65.26 | 149.8       | 65.33 |
|        | 50                              | 121.9                        | 60.40 | 126.9       | 62.32 | 128.5       | 62.89 | 129.2       | 63.00 | 129.9       | 63.03 | 131.4       | 63.17 | 132.8       | 63.08 |
|        | 52                              | 108.3                        | 57.18 | 110.1       | 57.95 | 112.6       | 56.82 | 113.2       | 56.54 | 113.8       | 56.15 | 115.1       | 56.01 | 116.3       | 55.73 |
| 110    | 10                              | 123.5                        | 15.01 | 152.4       | 18.79 | 180.3       | 23.92 | 190.9       | 26.66 | 205.0       | 29.96 | 215.1       | 32.66 | 226.7       | 34.91 |
|        | 12                              | 123.5                        | 15.83 | 152.4       | 20.02 | 180.3       | 25.73 | 190.9       | 28.55 | 205.0       | 32.24 | 215.1       | 35.23 | 226.7       | 37.74 |
|        | 14                              | 123.5                        | 16.33 | 152.4       | 21.17 | 180.3       | 27.75 | 190.9       | 30.88 | 205.0       | 34.87 | 215.1       | 38.04 | 226.7       | 40.72 |
|        | 16                              | 123.5                        | 16.82 | 152.4       | 22.59 | 180.3       | 29.90 | 190.9       | 33.31 | 205.0       | 37.67 | 215.1       | 40.70 | 226.7       | 43.39 |
|        | 18                              | 123.5                        | 17.83 | 152.4       | 24.20 | 180.3       | 32.43 | 190.9       | 36.08 | 205.0       | 40.36 | 215.1       | 43.77 | 226.7       | 46.48 |
|        | 20                              | 123.5                        | 19.10 | 152.4       | 26.18 | 180.3       | 34.93 | 190.9       | 38.67 | 205.0       | 43.55 | 215.1       | 47.16 | 226.7       | 49.67 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 123.5                        | 19.83 | 152.4       | 27.23 | 180.3       | 36.20 | 190.9       | 40.26 | 205.0       | 45.23 | 215.1       | 48.61 | 226.7       | 51.36 |
|        | 23                               | 123.5                        | 21.61 | 152.4       | 29.79 | 180.3       | 39.40 | 190.9       | 43.12 | 205.0       | 48.11 | 215.1       | 51.60 | 226.7       | 54.48 |
|        | 25                               | 123.5                        | 23.74 | 152.4       | 32.44 | 180.3       | 41.91 | 190.9       | 45.93 | 205.0       | 51.17 | 215.1       | 54.88 | 226.7       | 58.25 |
|        | 27                               | 123.5                        | 26.03 | 152.4       | 35.14 | 180.3       | 44.83 | 190.9       | 48.91 | 205.0       | 54.37 | 215.1       | 58.47 | 226.7       | 62.30 |
|        | 29                               | 123.5                        | 28.44 | 152.4       | 37.50 | 180.3       | 47.63 | 190.9       | 52.35 | 205.0       | 58.28 | 215.1       | 62.43 | 226.7       | 65.90 |
|        | 31                               | 123.5                        | 30.27 | 152.4       | 39.98 | 180.3       | 50.62 | 190.9       | 55.71 | 205.0       | 62.21 | 215.1       | 66.23 | 226.7       | 69.87 |
|        | 33                               | 123.5                        | 32.29 | 152.4       | 42.61 | 180.3       | 53.80 | 190.9       | 59.30 | 205.0       | 66.55 | 215.1       | 70.37 | 226.7       | 74.04 |
|        | 35                               | 123.5                        | 34.36 | 152.4       | 45.48 | 180.3       | 57.21 | 190.9       | 63.18 | 205.0       | 71.04 | 215.1       | 74.75 | 226.6       | 78.60 |
|        | 37                               | 123.5                        | 36.56 | 152.4       | 48.40 | 180.3       | 60.86 | 190.9       | 67.71 | 205.0       | 75.67 | 215.1       | 79.43 | 221.3       | 80.58 |
|        | 39                               | 123.5                        | 39.18 | 152.4       | 51.56 | 180.3       | 65.21 | 190.9       | 71.72 | 205.0       | 77.66 | 207.3       | 77.88 | 210.0       | 78.12 |
|        | 41                               | 123.5                        | 42.51 | 152.4       | 55.65 | 180.3       | 68.85 | 190.9       | 75.60 | 193.0       | 76.08 | 194.8       | 76.28 | 196.6       | 76.52 |
|        | 43                               | 123.5                        | 45.72 | 152.4       | 59.66 | 178.5       | 71.77 | 179.5       | 72.14 | 180.4       | 72.05 | 182.2       | 72.18 | 183.9       | 72.24 |
|        | 46                               | 121.9                        | 48.82 | 150.5       | 61.50 | 158.8       | 67.14 | 159.9       | 67.12 | 160.6       | 67.36 | 162.5       | 67.52 | 163.9       | 67.51 |
|        | 48                               | 116.4                        | 50.34 | 141.0       | 62.16 | 142.5       | 64.74 | 143.4       | 64.92 | 144.1       | 65.01 | 145.5       | 65.09 | 147.0       | 65.18 |
|        | 50                               | 110.8                        | 51.64 | 125.4       | 59.74 | 126.4       | 61.82 | 127.2       | 62.18 | 127.8       | 62.18 | 129.2       | 62.16 | 130.5       | 62.30 |
|        | 52                               | 104.3                        | 51.05 | 108.3       | 55.15 | 110.4       | 55.72 | 111.4       | 55.95 | 112.1       | 55.51 | 112.9       | 55.14 | 114.3       | 54.90 |
| 100    | 10                               | 108.8                        | 13.70 | 134.5       | 16.81 | 161.6       | 20.93 | 173.6       | 23.12 | 186.6       | 25.71 | 201.3       | 28.78 | 208.9       | 30.42 |
|        | 12                               | 108.8                        | 14.42 | 134.5       | 17.93 | 161.6       | 22.40 | 173.6       | 24.71 | 186.6       | 27.59 | 201.3       | 31.16 | 208.9       | 32.97 |
|        | 14                               | 108.8                        | 14.76 | 134.5       | 18.79 | 161.6       | 24.09 | 173.6       | 26.64 | 186.6       | 29.76 | 201.3       | 33.75 | 208.9       | 35.72 |
|        | 16                               | 108.8                        | 15.06 | 134.5       | 19.73 | 161.6       | 25.76 | 173.6       | 28.75 | 186.6       | 32.26 | 201.3       | 36.47 | 208.9       | 38.68 |
|        | 18                               | 108.8                        | 15.74 | 134.5       | 21.13 | 161.6       | 27.65 | 173.6       | 30.86 | 186.6       | 35.04 | 201.3       | 39.24 | 208.9       | 41.37 |
|        | 20                               | 108.8                        | 16.78 | 134.5       | 22.65 | 161.6       | 29.93 | 173.6       | 33.56 | 186.6       | 37.80 | 201.3       | 42.17 | 208.9       | 44.62 |
|        | 21                               | 108.8                        | 17.42 | 134.5       | 23.53 | 161.6       | 31.19 | 173.6       | 35.08 | 186.6       | 39.50 | 201.3       | 43.85 | 208.9       | 46.18 |
|        | 23                               | 108.8                        | 18.94 | 134.5       | 25.64 | 161.6       | 34.07 | 173.6       | 38.27 | 186.6       | 42.73 | 201.3       | 46.64 | 208.9       | 48.96 |
|        | 25                               | 108.8                        | 20.69 | 134.5       | 28.09 | 161.6       | 37.19 | 173.6       | 41.33 | 186.6       | 45.69 | 201.3       | 49.36 | 208.9       | 51.95 |
|        | 27                               | 108.8                        | 22.69 | 134.5       | 30.86 | 161.6       | 39.69 | 173.6       | 44.10 | 186.6       | 49.06 | 201.3       | 53.20 | 208.9       | 55.48 |
|        | 29                               | 108.8                        | 24.96 | 134.5       | 32.92 | 161.6       | 42.35 | 173.6       | 47.04 | 186.6       | 52.16 | 201.3       | 56.60 | 208.9       | 59.48 |
|        | 31                               | 108.8                        | 26.91 | 134.5       | 35.10 | 161.6       | 45.16 | 173.6       | 50.18 | 186.6       | 55.31 | 201.3       | 60.12 | 208.9       | 63.23 |
|        | 33                               | 108.8                        | 28.62 | 134.5       | 37.41 | 161.6       | 48.17 | 173.6       | 53.53 | 186.6       | 58.41 | 201.3       | 63.91 | 208.9       | 67.20 |
|        | 35                               | 108.8                        | 30.49 | 134.5       | 39.87 | 161.6       | 51.34 | 173.6       | 57.08 | 186.6       | 62.06 | 200.9       | 67.92 | 208.8       | 71.05 |
|        | 37                               | 108.8                        | 32.56 | 134.5       | 42.62 | 161.6       | 54.64 | 173.6       | 60.56 | 186.6       | 66.26 | 199.6       | 72.21 | 207.3       | 75.08 |
|        | 39                               | 108.8                        | 34.81 | 134.5       | 45.59 | 161.6       | 58.17 | 173.6       | 64.28 | 186.6       | 70.17 | 198.5       | 74.00 | 205.3       | 76.17 |
|        | 41                               | 108.8                        | 37.54 | 134.5       | 49.18 | 161.6       | 62.49 | 173.6       | 68.14 | 186.6       | 72.69 | 190.8       | 73.85 | 193.2       | 74.11 |
|        | 43                               | 108.8                        | 40.67 | 134.5       | 53.31 | 161.6       | 65.61 | 173.6       | 71.23 | 176.1       | 72.08 | 178.2       | 72.21 | 179.9       | 72.47 |
|        | 46                               | 107.5                        | 45.26 | 132.9       | 58.66 | 155.8       | 68.73 | 156.4       | 70.22 | 157.1       | 70.32 | 158.9       | 70.41 | 160.3       | 70.64 |
|        | 48                               | 102.8                        | 44.46 | 127.4       | 57.44 | 139.8       | 63.46 | 140.3       | 64.51 | 140.8       | 64.56 | 142.4       | 64.62 | 143.8       | 64.83 |
|        | 50                               | 98.20                        | 43.74 | 120.1       | 55.10 | 123.7       | 57.53 | 124.7       | 58.20 | 124.9       | 58.24 | 126.3       | 58.25 | 127.6       | 58.38 |
|        | 52                               | 93.50                        | 41.56 | 104.7       | 47.81 | 106.9       | 49.31 | 108.5       | 49.05 | 109.3       | 48.61 | 110.9       | 48.11 | 111.9       | 47.75 |
| 90     | 10                               | 98.00                        | 12.79 | 121.1       | 15.31 | 145.5       | 18.57 | 156.2       | 20.32 | 167.8       | 22.40 | 182.0       | 24.92 | 194.7       | 27.18 |
|        | 12                               | 98.00                        | 13.00 | 121.1       | 16.05 | 145.5       | 19.67 | 156.2       | 21.59 | 167.8       | 23.87 | 182.0       | 26.55 | 194.7       | 29.12 |
|        | 14                               | 98.00                        | 13.20 | 121.1       | 16.48 | 145.5       | 20.59 | 156.2       | 22.96 | 167.8       | 25.44 | 182.0       | 28.32 | 194.7       | 31.05 |
|        | 16                               | 98.00                        | 13.48 | 121.1       | 16.84 | 145.5       | 21.84 | 156.2       | 24.30 | 167.8       | 27.14 | 182.0       | 30.25 | 194.7       | 33.12 |
|        | 18                               | 98.00                        | 13.68 | 121.1       | 17.94 | 145.5       | 23.16 | 156.2       | 25.81 | 167.8       | 28.79 | 182.0       | 32.36 | 194.7       | 35.57 |
|        | 20                               | 98.00                        | 14.55 | 121.1       | 19.11 | 145.5       | 24.81 | 156.2       | 27.59 | 167.8       | 30.96 | 182.0       | 34.99 | 194.7       | 38.40 |
|        | 21                               | 98.00                        | 14.95 | 121.1       | 19.75 | 145.5       | 25.72 | 156.2       | 28.74 | 167.8       | 32.41 | 182.0       | 36.29 | 194.7       | 39.76 |
|        | 23                               | 98.00                        | 16.01 | 121.1       | 21.32 | 145.5       | 28.15 | 156.2       | 31.44 | 167.8       | 35.37 | 182.0       | 39.38 | 194.7       | 42.95 |
|        | 25                               | 98.00                        | 17.44 | 121.1       | 23.32 | 145.5       | 30.85 | 156.2       | 34.51 | 167.8       | 38.30 | 182.0       | 42.37 | 194.7       | 45.76 |
|        | 27                               | 98.00                        | 19.04 | 121.1       | 25.69 | 145.5       | 33.28 | 156.2       | 36.81 | 167.8       | 40.89 | 182.0       | 45.12 | 194.7       | 49.05 |
|        | 29                               | 98.00                        | 20.95 | 121.1       | 27.91 | 145.5       | 35.54 | 156.2       | 39.28 | 167.8       | 43.63 | 182.0       | 47.98 | 194.7       | 52.10 |
|        | 31                               | 98.00                        | 23.07 | 121.1       | 29.75 | 145.5       | 37.88 | 156.2       | 41.88 | 167.8       | 46.52 | 182.0       | 50.88 | 194.7       | 55.35 |
|        | 33                               | 98.00                        | 24.56 | 121.1       | 31.71 | 145.5       | 40.39 | 156.2       | 44.65 | 167.8       | 49.52 | 182.0       | 53.93 | 194.3       | 58.67 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 98.00                        | 26.12 | 121.1       | 33.75 | 145.5       | 43.03 | 156.2       | 47.62 | 167.8       | 52.71 | 182.0       | 57.73 | 193.1       | 62.40 |
|        | 37                              | 98.00                        | 27.81 | 121.1       | 35.95 | 145.5       | 45.90 | 156.2       | 50.71 | 167.8       | 56.05 | 182.0       | 61.57 | 192.0       | 66.20 |
|        | 39                              | 98.00                        | 29.58 | 121.1       | 38.32 | 145.5       | 48.83 | 156.2       | 54.09 | 167.8       | 59.55 | 182.0       | 65.94 | 190.9       | 69.52 |
|        | 41                              | 98.00                        | 32.61 | 121.1       | 42.05 | 145.5       | 53.36 | 156.2       | 59.06 | 167.8       | 64.02 | 181.4       | 68.98 | 188.0       | 71.57 |
|        | 43                              | 98.00                        | 35.46 | 121.1       | 45.73 | 145.5       | 58.26 | 156.2       | 62.94 | 167.8       | 67.22 | 176.9       | 71.06 | 178.0       | 71.38 |
|        | 46                              | 96.80                        | 40.23 | 119.6       | 52.09 | 143.9       | 64.25 | 153.9       | 69.07 | 155.5       | 69.87 | 157.4       | 70.45 | 158.7       | 70.71 |
|        | 48                              | 92.60                        | 39.72 | 114.6       | 51.50 | 136.1       | 62.38 | 138.9       | 64.21 | 139.5       | 64.60 | 141.3       | 64.66 | 142.3       | 64.87 |
|        | 50                              | 88.40                        | 39.27 | 109.7       | 50.37 | 121.9       | 57.35 | 124.5       | 58.86 | 124.0       | 58.79 | 125.6       | 58.34 | 126.4       | 58.51 |
|        | 52                              | 84.30                        | 38.90 | 101.3       | 46.46 | 106.7       | 50.38 | 109.3       | 51.06 | 108.1       | 50.04 | 109.7       | 48.60 | 110.8       | 48.34 |
| 80     | 10                              | 87.00                        | 11.82 | 107.6       | 14.08 | 129.2       | 16.69 | 138.9       | 18.09 | 149.4       | 19.69 | 161.8       | 21.96 | 173.1       | 23.71 |
|        | 12                              | 87.00                        | 11.97 | 107.6       | 14.66 | 129.2       | 17.59 | 138.9       | 19.11 | 149.4       | 20.85 | 161.8       | 23.29 | 173.1       | 25.17 |
|        | 14                              | 87.00                        | 12.11 | 107.6       | 14.94 | 129.2       | 18.20 | 138.9       | 19.82 | 149.4       | 21.84 | 161.8       | 24.74 | 173.1       | 26.76 |
|        | 16                              | 87.00                        | 12.27 | 107.6       | 15.17 | 129.2       | 18.92 | 138.9       | 20.88 | 149.4       | 23.28 | 161.8       | 26.20 | 173.1       | 28.48 |
|        | 18                              | 87.00                        | 12.55 | 107.6       | 15.77 | 129.2       | 20.11 | 138.9       | 22.27 | 149.4       | 24.69 | 161.8       | 27.75 | 173.1       | 30.22 |
|        | 20                              | 87.00                        | 13.02 | 107.6       | 16.69 | 129.2       | 21.43 | 138.9       | 23.73 | 149.4       | 26.39 | 161.8       | 29.80 | 173.1       | 32.71 |
|        | 21                              | 87.00                        | 13.34 | 107.6       | 17.26 | 129.2       | 22.16 | 138.9       | 24.54 | 149.4       | 27.40 | 161.8       | 31.15 | 173.1       | 33.93 |
|        | 23                              | 87.00                        | 14.22 | 107.6       | 18.44 | 129.2       | 23.93 | 138.9       | 26.79 | 149.4       | 29.94 | 161.8       | 33.66 | 173.1       | 36.69 |
|        | 25                              | 87.00                        | 15.29 | 107.6       | 20.19 | 129.2       | 26.33 | 138.9       | 29.25 | 149.4       | 32.82 | 161.8       | 36.86 | 173.1       | 39.83 |
|        | 27                              | 87.00                        | 16.78 | 107.6       | 22.15 | 129.2       | 29.02 | 138.9       | 31.91 | 149.4       | 35.22 | 161.8       | 39.26 | 173.1       | 42.26 |
|        | 29                              | 87.00                        | 18.49 | 107.6       | 24.39 | 129.2       | 30.90 | 138.9       | 34.02 | 149.4       | 37.59 | 161.8       | 41.94 | 173.1       | 44.79 |
|        | 31                              | 87.00                        | 20.35 | 107.6       | 26.22 | 129.2       | 32.97 | 138.9       | 36.28 | 149.4       | 40.05 | 161.8       | 44.64 | 173.1       | 47.46 |
|        | 33                              | 87.00                        | 21.98 | 107.6       | 27.98 | 129.2       | 35.15 | 138.9       | 38.68 | 149.4       | 42.70 | 161.8       | 47.39 | 173.1       | 50.28 |
|        | 35                              | 87.00                        | 23.38 | 107.6       | 29.76 | 129.2       | 37.45 | 138.9       | 41.21 | 149.4       | 45.55 | 161.8       | 50.41 | 173.1       | 53.67 |
|        | 37                              | 87.00                        | 24.83 | 107.6       | 31.69 | 129.2       | 39.88 | 138.9       | 43.92 | 149.4       | 48.50 | 161.8       | 53.57 | 173.1       | 57.20 |
|        | 39                              | 87.00                        | 26.39 | 107.6       | 33.70 | 129.2       | 42.57 | 138.9       | 46.99 | 149.4       | 51.90 | 161.8       | 56.99 | 173.1       | 61.20 |
|        | 41                              | 87.00                        | 28.97 | 107.6       | 37.00 | 129.2       | 46.56 | 138.9       | 51.36 | 149.4       | 56.80 | 161.8       | 61.89 | 172.9       | 66.08 |
|        | 43                              | 87.00                        | 31.78 | 107.6       | 40.42 | 129.2       | 50.82 | 138.9       | 56.03 | 149.4       | 61.57 | 161.8       | 65.48 | 170.3       | 68.78 |
|        | 46                              | 86.00                        | 35.90 | 106.3       | 45.88 | 127.7       | 57.15 | 137.3       | 61.87 | 147.7       | 67.74 | 155.7       | 70.48 | 157.0       | 70.74 |
|        | 48                              | 82.20                        | 35.41 | 101.9       | 45.28 | 122.6       | 56.21 | 131.8       | 60.80 | 136.4       | 64.33 | 139.8       | 64.70 | 140.9       | 64.90 |
|        | 50                              | 78.50                        | 34.98 | 97.50       | 44.76 | 117.4       | 54.97 | 119.9       | 56.62 | 122.4       | 59.02 | 124.2       | 58.38 | 125.1       | 58.53 |
|        | 52                              | 74.80                        | 34.60 | 93.10       | 42.73 | 102.5       | 48.05 | 105.0       | 49.51 | 107.5       | 51.43 | 108.1       | 49.22 | 109.4       | 48.97 |
| 70     | 10                              | 76.20                        | 10.12 | 94.20       | 12.61 | 113.1       | 14.56 | 121.5       | 15.66 | 130.6       | 16.84 | 141.5       | 18.63 | 151.4       | 20.30 |
|        | 12                              | 76.20                        | 10.63 | 94.20       | 12.76 | 113.1       | 15.31 | 121.5       | 16.45 | 130.6       | 17.78 | 141.5       | 19.66 | 151.4       | 21.44 |
|        | 14                              | 76.20                        | 10.77 | 94.20       | 13.00 | 113.1       | 15.63 | 121.5       | 16.91 | 130.6       | 18.39 | 141.5       | 20.45 | 151.4       | 22.40 |
|        | 16                              | 76.20                        | 10.93 | 94.20       | 13.20 | 113.1       | 15.94 | 121.5       | 17.39 | 130.6       | 19.17 | 141.5       | 21.55 | 151.4       | 23.69 |
|        | 18                              | 76.20                        | 11.07 | 94.20       | 13.49 | 113.1       | 16.82 | 121.5       | 18.50 | 130.6       | 20.38 | 141.5       | 22.84 | 151.4       | 25.07 |
|        | 20                              | 76.20                        | 11.28 | 94.20       | 14.23 | 113.1       | 17.81 | 121.5       | 19.71 | 130.6       | 21.74 | 141.5       | 24.34 | 151.4       | 26.97 |
|        | 21                              | 76.20                        | 11.64 | 94.20       | 14.67 | 113.1       | 18.43 | 121.5       | 20.37 | 130.6       | 22.47 | 141.5       | 25.31 | 151.4       | 27.94 |
|        | 23                              | 76.20                        | 12.28 | 94.20       | 15.62 | 113.1       | 19.73 | 121.5       | 21.92 | 130.6       | 24.42 | 141.5       | 27.57 | 151.4       | 30.36 |
|        | 25                              | 76.20                        | 13.04 | 94.20       | 16.92 | 113.1       | 21.71 | 121.5       | 24.12 | 130.6       | 26.70 | 141.5       | 30.22 | 151.4       | 32.96 |
|        | 27                              | 76.20                        | 14.19 | 94.20       | 18.60 | 113.1       | 23.81 | 121.5       | 26.39 | 130.6       | 29.44 | 141.5       | 32.88 | 151.4       | 35.46 |
|        | 29                              | 76.20                        | 15.69 | 94.20       | 20.49 | 113.1       | 26.11 | 121.5       | 28.53 | 130.6       | 31.34 | 141.5       | 35.07 | 151.4       | 37.90 |
|        | 31                              | 76.20                        | 17.30 | 94.20       | 22.51 | 113.1       | 27.83 | 121.5       | 30.46 | 130.6       | 33.45 | 141.5       | 37.40 | 151.4       | 40.34 |
|        | 33                              | 76.20                        | 18.99 | 94.20       | 23.91 | 113.1       | 29.63 | 121.5       | 32.42 | 130.6       | 35.61 | 141.5       | 39.85 | 151.4       | 42.99 |
|        | 35                              | 76.20                        | 20.30 | 94.20       | 25.49 | 113.1       | 31.57 | 121.5       | 34.54 | 130.6       | 37.96 | 141.5       | 42.48 | 151.4       | 45.75 |
|        | 37                              | 76.20                        | 21.60 | 94.20       | 27.09 | 113.1       | 33.61 | 121.5       | 36.81 | 130.6       | 40.47 | 141.5       | 45.27 | 151.4       | 48.59 |
|        | 39                              | 76.20                        | 22.98 | 94.20       | 28.90 | 113.1       | 35.91 | 121.5       | 39.40 | 130.6       | 43.36 | 141.5       | 48.36 | 151.4       | 52.06 |
|        | 41                              | 76.20                        | 25.21 | 94.20       | 31.59 | 113.1       | 39.22 | 121.5       | 43.06 | 130.6       | 47.24 | 141.5       | 52.96 | 151.4       | 56.60 |
|        | 43                              | 76.20                        | 27.52 | 94.20       | 34.48 | 113.1       | 42.81 | 121.5       | 46.97 | 130.6       | 51.55 | 141.5       | 57.89 | 151.4       | 61.63 |
|        | 46                              | 75.30                        | 31.06 | 93.00       | 39.09 | 111.8       | 48.54 | 120.1       | 53.02 | 129.1       | 57.80 | 139.8       | 64.31 | 149.6       | 67.48 |
|        | 48                              | 72.10                        | 30.69 | 89.20       | 38.63 | 107.3       | 48.02 | 115.3       | 52.47 | 124.0       | 56.90 | 134.1       | 63.02 | 140.6       | 64.68 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 68.80                        | 30.37 | 85.30       | 38.21 | 102.8       | 47.59 | 110.5       | 51.14 | 117.4       | 55.06 | 121.5       | 58.38 | 125.8       | 58.98 |
|        | 52                               | 65.60                        | 30.10 | 81.40       | 37.88 | 98.30       | 45.14 | 100.5       | 46.48 | 102.7       | 48.16 | 106.6       | 51.20 | 110.4       | 50.87 |
| 60     | 10                               | 65.30                        | 8.40  | 80.70       | 10.78 | 96.90       | 12.77 | 104.2       | 13.57 | 112.0       | 14.40 | 121.4       | 15.78 | 129.9       | 17.09 |
|        | 12                               | 65.30                        | 9.34  | 80.70       | 11.05 | 96.90       | 13.04 | 104.2       | 14.13 | 112.0       | 15.11 | 121.4       | 16.54 | 129.9       | 17.96 |
|        | 14                               | 65.30                        | 9.44  | 80.70       | 11.21 | 96.90       | 13.32 | 104.2       | 14.38 | 112.0       | 15.47 | 121.4       | 17.01 | 129.9       | 18.56 |
|        | 16                               | 65.30                        | 9.58  | 80.70       | 11.39 | 96.90       | 13.48 | 104.2       | 14.58 | 112.0       | 15.82 | 121.4       | 17.41 | 129.9       | 19.17 |
|        | 18                               | 65.30                        | 9.73  | 80.70       | 11.64 | 96.90       | 13.87 | 104.2       | 15.17 | 112.0       | 16.58 | 121.4       | 18.46 | 129.9       | 20.25 |
|        | 20                               | 65.30                        | 9.87  | 80.70       | 11.96 | 96.90       | 14.67 | 104.2       | 16.05 | 112.0       | 17.65 | 121.4       | 19.64 | 129.9       | 21.66 |
|        | 21                               | 65.30                        | 9.97  | 80.70       | 12.24 | 96.90       | 15.20 | 104.2       | 16.59 | 112.0       | 18.25 | 121.4       | 20.35 | 129.9       | 22.34 |
|        | 23                               | 65.30                        | 10.47 | 80.70       | 13.07 | 96.90       | 16.22 | 104.2       | 17.78 | 112.0       | 19.58 | 121.4       | 21.90 | 129.9       | 24.29 |
|        | 25                               | 65.30                        | 11.12 | 80.70       | 13.97 | 96.90       | 17.51 | 104.2       | 19.35 | 112.0       | 21.39 | 121.4       | 24.10 | 129.9       | 26.53 |
|        | 27                               | 65.30                        | 11.94 | 80.70       | 15.18 | 96.90       | 19.22 | 104.2       | 21.23 | 112.0       | 23.45 | 121.4       | 26.36 | 129.9       | 29.14 |
|        | 29                               | 65.30                        | 13.09 | 80.70       | 16.80 | 96.90       | 21.20 | 104.2       | 23.39 | 112.0       | 25.81 | 121.4       | 28.63 | 129.9       | 31.37 |
|        | 31                               | 65.30                        | 14.53 | 80.70       | 18.61 | 96.90       | 23.18 | 104.2       | 25.23 | 112.0       | 27.49 | 121.4       | 30.51 | 129.9       | 33.41 |
|        | 33                               | 65.30                        | 16.10 | 80.70       | 20.24 | 96.90       | 24.66 | 104.2       | 26.83 | 112.0       | 29.30 | 121.4       | 32.50 | 129.9       | 35.65 |
|        | 35                               | 65.30                        | 17.37 | 80.70       | 21.54 | 96.90       | 26.26 | 104.2       | 28.57 | 112.0       | 31.18 | 121.4       | 34.65 | 129.9       | 37.96 |
|        | 37                               | 65.30                        | 18.42 | 80.70       | 22.85 | 96.90       | 27.94 | 104.2       | 30.41 | 112.0       | 33.18 | 121.4       | 36.87 | 129.9       | 40.43 |
|        | 39                               | 65.30                        | 19.75 | 80.70       | 24.37 | 96.90       | 29.94 | 104.2       | 32.51 | 112.0       | 35.52 | 121.4       | 39.43 | 129.9       | 43.22 |
|        | 41                               | 65.30                        | 21.49 | 80.70       | 26.59 | 96.90       | 32.59 | 104.2       | 35.49 | 112.0       | 38.66 | 121.4       | 43.13 | 129.9       | 47.15 |
|        | 43                               | 65.30                        | 23.42 | 80.70       | 29.01 | 96.90       | 35.55 | 104.2       | 38.70 | 112.0       | 42.14 | 121.4       | 47.12 | 129.9       | 51.57 |
|        | 46                               | 64.50                        | 26.52 | 79.80       | 32.88 | 95.80       | 40.27 | 103.0       | 43.81 | 110.7       | 47.74 | 120.0       | 53.48 | 128.3       | 58.92 |
|        | 48                               | 61.70                        | 26.25 | 76.40       | 32.54 | 92.00       | 39.88 | 98.90       | 43.38 | 106.3       | 47.29 | 115.1       | 52.77 | 122.8       | 57.44 |
|        | 50                               | 58.90                        | 26.02 | 73.10       | 32.27 | 88.10       | 39.55 | 94.70       | 43.02 | 101.9       | 46.94 | 110.1       | 51.45 | 117.3       | 55.85 |
|        | 52                               | 56.10                        | 25.88 | 69.80       | 32.04 | 84.30       | 39.30 | 90.60       | 41.22 | 97.50       | 44.59 | 101.2       | 47.17 | 104.5       | 49.68 |
| 50     | 10                               | 54.40                        | 6.97  | 67.30       | 8.71  | 80.80       | 10.80 | 86.80       | 11.63 | 93.20       | 12.34 | 101.1       | 13.35 | 108.3       | 14.30 |
|        | 12                               | 54.40                        | 8.17  | 67.30       | 9.51  | 80.80       | 10.98 | 86.80       | 11.79 | 93.20       | 12.63 | 101.1       | 13.78 | 108.3       | 14.93 |
|        | 14                               | 54.40                        | 8.27  | 67.30       | 9.66  | 80.80       | 11.20 | 86.80       | 11.96 | 93.20       | 12.79 | 101.1       | 13.96 | 108.3       | 15.17 |
|        | 16                               | 54.40                        | 8.42  | 67.30       | 9.80  | 80.80       | 11.37 | 86.80       | 12.14 | 93.20       | 13.03 | 101.1       | 14.24 | 108.3       | 15.37 |
|        | 18                               | 54.40                        | 8.46  | 67.30       | 9.92  | 80.80       | 11.51 | 86.80       | 12.39 | 93.20       | 13.24 | 101.1       | 14.69 | 108.3       | 16.00 |
|        | 20                               | 54.40                        | 8.56  | 67.30       | 10.07 | 80.80       | 11.91 | 86.80       | 12.91 | 93.20       | 14.02 | 101.1       | 15.53 | 108.3       | 17.03 |
|        | 21                               | 54.40                        | 8.64  | 67.30       | 10.21 | 80.80       | 12.30 | 86.80       | 13.35 | 93.20       | 14.49 | 101.1       | 16.06 | 108.3       | 17.49 |
|        | 23                               | 54.40                        | 8.90  | 67.30       | 10.77 | 80.80       | 13.02 | 86.80       | 14.17 | 93.20       | 15.51 | 101.1       | 17.18 | 108.3       | 18.72 |
|        | 25                               | 54.40                        | 9.35  | 67.30       | 11.43 | 80.80       | 14.02 | 86.80       | 15.26 | 93.20       | 16.68 | 101.1       | 18.60 | 108.3       | 20.48 |
|        | 27                               | 54.40                        | 9.97  | 67.30       | 12.32 | 80.80       | 15.28 | 86.80       | 16.70 | 93.20       | 18.31 | 101.1       | 20.46 | 108.3       | 22.48 |
|        | 29                               | 54.40                        | 10.86 | 67.30       | 13.63 | 80.80       | 16.87 | 86.80       | 18.43 | 93.20       | 20.21 | 101.1       | 22.60 | 108.3       | 24.68 |
|        | 31                               | 54.40                        | 11.95 | 67.30       | 15.01 | 80.80       | 18.61 | 86.80       | 20.39 | 93.20       | 22.25 | 101.1       | 24.46 | 108.3       | 26.57 |
|        | 33                               | 54.40                        | 13.28 | 67.30       | 16.76 | 80.80       | 20.12 | 86.80       | 21.82 | 93.20       | 23.65 | 101.1       | 26.02 | 108.3       | 28.31 |
|        | 35                               | 54.40                        | 14.61 | 67.30       | 17.81 | 80.80       | 21.50 | 86.80       | 23.22 | 93.20       | 25.13 | 101.1       | 27.66 | 108.3       | 30.14 |
|        | 37                               | 54.40                        | 15.64 | 67.30       | 19.07 | 80.80       | 22.84 | 86.80       | 24.68 | 93.20       | 26.73 | 101.1       | 29.49 | 108.3       | 32.09 |
|        | 39                               | 54.40                        | 16.65 | 67.30       | 20.35 | 80.80       | 24.39 | 86.80       | 26.41 | 93.20       | 28.58 | 101.1       | 31.44 | 108.3       | 34.41 |
|        | 41                               | 54.40                        | 18.08 | 67.30       | 22.10 | 80.80       | 26.61 | 86.80       | 28.71 | 93.20       | 31.05 | 101.1       | 34.38 | 108.3       | 37.51 |
|        | 43                               | 54.40                        | 19.70 | 67.30       | 24.09 | 80.80       | 29.00 | 86.80       | 31.30 | 93.20       | 33.86 | 101.1       | 37.53 | 108.3       | 40.99 |
|        | 46                               | 53.70                        | 22.32 | 66.50       | 27.29 | 79.90       | 32.83 | 85.80       | 35.44 | 92.10       | 38.30 | 100.0       | 42.55 | 107.0       | 46.56 |
|        | 48                               | 51.40                        | 22.17 | 63.70       | 27.05 | 76.70       | 32.56 | 82.40       | 35.15 | 88.50       | 37.98 | 95.90       | 42.05 | 102.4       | 45.82 |
|        | 50                               | 49.10                        | 22.10 | 60.90       | 26.89 | 73.50       | 32.35 | 78.90       | 34.90 | 84.80       | 37.73 | 91.80       | 41.60 | 97.90       | 45.15 |
|        | 52                               | 46.80                        | 22.10 | 58.10       | 26.79 | 70.20       | 32.20 | 75.50       | 34.73 | 81.10       | 37.58 | 87.70       | 39.96 | 93.30       | 43.04 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM640LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 154.0                        | 19.92 | 189.7       | 25.80 | 220.2       | 33.51 | 233.0       | 36.85 | 247.0       | 40.94 | 261.4       | 44.33 | 271.6       | 46.87 |
|        | 12                              | 154.0                        | 21.01 | 189.7       | 27.57 | 220.2       | 36.00 | 233.0       | 39.39 | 247.0       | 43.78 | 261.4       | 47.15 | 271.6       | 49.86 |
|        | 14                              | 154.0                        | 21.91 | 189.7       | 29.48 | 220.2       | 38.64 | 233.0       | 42.32 | 247.0       | 46.36 | 261.4       | 50.01 | 271.6       | 53.17 |
|        | 16                              | 154.0                        | 23.14 | 189.7       | 31.54 | 220.2       | 41.62 | 233.0       | 45.20 | 247.0       | 49.60 | 261.4       | 53.51 | 271.6       | 56.87 |
|        | 18                              | 154.0                        | 24.73 | 189.7       | 33.93 | 220.2       | 44.41 | 233.0       | 48.71 | 247.0       | 53.36 | 261.4       | 57.19 | 271.6       | 60.15 |
|        | 20                              | 154.0                        | 26.61 | 189.7       | 36.76 | 220.2       | 47.85 | 233.0       | 53.05 | 247.0       | 57.42 | 261.4       | 61.88 | 271.6       | 64.24 |
|        | 21                              | 154.0                        | 27.64 | 189.7       | 38.23 | 220.2       | 49.26 | 233.0       | 55.30 | 247.0       | 59.76 | 261.4       | 64.22 | 271.6       | 66.59 |
|        | 23                              | 154.0                        | 30.07 | 189.7       | 41.44 | 220.2       | 52.43 | 233.0       | 59.75 | 247.0       | 65.20 | 261.4       | 69.01 | 271.6       | 71.43 |
|        | 25                              | 154.0                        | 32.87 | 189.7       | 44.49 | 220.2       | 55.97 | 233.0       | 65.23 | 247.0       | 70.44 | 261.4       | 74.38 | 271.6       | 76.86 |
|        | 27                              | 154.0                        | 35.84 | 189.7       | 47.48 | 220.2       | 60.17 | 233.0       | 71.47 | 247.0       | 75.94 | 261.4       | 80.11 | 271.6       | 82.80 |
|        | 29                              | 154.0                        | 38.21 | 189.7       | 50.68 | 220.2       | 65.32 | 233.0       | 77.29 | 247.0       | 82.00 | 261.4       | 86.38 | 271.6       | 89.05 |
|        | 31                              | 154.0                        | 40.76 | 189.7       | 53.83 | 220.2       | 70.11 | 233.0       | 80.12 | 247.0       | 85.09 | 260.7       | 89.54 | 271.2       | 92.53 |
|        | 33                              | 154.0                        | 43.46 | 189.7       | 57.70 | 220.2       | 75.31 | 233.0       | 82.97 | 246.9       | 88.24 | 257.7       | 91.86 | 260.1       | 92.02 |
|        | 35                              | 154.0                        | 46.34 | 189.7       | 61.53 | 220.2       | 81.12 | 232.6       | 85.87 | 243.1       | 90.02 | 245.5       | 90.35 | 248.1       | 90.49 |
|        | 37                              | 154.0                        | 49.43 | 189.7       | 65.62 | 219.6       | 83.78 | 229.6       | 87.29 | 231.2       | 87.50 | 233.4       | 87.79 | 236.1       | 87.90 |
|        | 39                              | 154.0                        | 52.68 | 189.7       | 70.21 | 216.7       | 82.93 | 218.0       | 83.06 | 219.2       | 83.22 | 221.8       | 83.54 | 224.5       | 83.66 |
|        | 41                              | 154.0                        | 57.01 | 187.4       | 74.22 | 203.4       | 79.31 | 204.4       | 79.46 | 205.9       | 79.62 | 208.2       | 79.87 | 210.7       | 80.06 |
|        | 43                              | 154.0                        | 61.54 | 184.2       | 74.71 | 190.3       | 76.18 | 191.3       | 76.34 | 192.8       | 76.49 | 195.3       | 76.83 | 197.3       | 76.90 |
|        | 46                              | 151.8                        | 67.40 | 167.5       | 72.29 | 169.7       | 72.44 | 170.8       | 72.60 | 172.3       | 72.76 | 174.4       | 73.02 | 176.6       | 73.20 |
|        | 48                              | 144.4                        | 68.84 | 149.8       | 70.56 | 151.8       | 70.57 | 152.8       | 70.64 | 154.3       | 70.98 | 156.1       | 71.17 | 157.9       | 71.28 |
|        | 50                              | 133.0                        | 68.19 | 132.8       | 68.39 | 134.5       | 68.29 | 135.4       | 68.34 | 136.5       | 68.66 | 138.1       | 68.74 | 139.6       | 68.87 |
|        | 52                              | 115.7                        | 63.64 | 115.3       | 63.12 | 117.6       | 61.33 | 118.3       | 60.90 | 119.3       | 60.97 | 120.8       | 60.65 | 122.1       | 60.56 |
| 120    | 10                              | 141.0                        | 18.06 | 173.6       | 23.04 | 203.1       | 29.72 | 215.0       | 33.28 | 228.2       | 36.65 | 241.9       | 39.75 | 251.3       | 42.44 |
|        | 12                              | 141.0                        | 19.03 | 173.6       | 24.55 | 203.1       | 31.91 | 215.0       | 35.45 | 228.2       | 39.34 | 241.9       | 42.82 | 251.3       | 45.49 |
|        | 14                              | 141.0                        | 19.87 | 173.6       | 26.20 | 203.1       | 34.28 | 215.0       | 38.06 | 228.2       | 42.23 | 241.9       | 45.58 | 251.3       | 48.22 |
|        | 16                              | 141.0                        | 20.59 | 173.6       | 27.86 | 203.1       | 36.81 | 215.0       | 40.86 | 228.2       | 45.06 | 241.9       | 48.54 | 251.3       | 51.53 |
|        | 18                              | 141.0                        | 22.00 | 173.6       | 29.89 | 203.1       | 39.58 | 215.0       | 43.79 | 228.2       | 48.26 | 241.9       | 52.14 | 251.3       | 55.03 |
|        | 20                              | 141.0                        | 23.51 | 173.6       | 32.35 | 203.1       | 42.38 | 215.0       | 47.23 | 228.2       | 51.72 | 241.9       | 55.54 | 251.3       | 58.28 |
|        | 21                              | 141.0                        | 24.47 | 173.6       | 33.70 | 203.1       | 44.12 | 215.0       | 48.81 | 228.2       | 53.37 | 241.9       | 57.32 | 251.3       | 60.58 |
|        | 23                              | 141.0                        | 26.73 | 173.6       | 36.71 | 203.1       | 47.58 | 215.0       | 52.18 | 228.2       | 57.07 | 241.9       | 61.13 | 251.3       | 63.93 |
|        | 25                              | 141.0                        | 29.15 | 173.6       | 40.10 | 203.1       | 50.42 | 215.0       | 55.66 | 228.2       | 61.14 | 241.9       | 65.50 | 251.3       | 67.95 |
|        | 27                              | 141.0                        | 31.97 | 173.6       | 42.82 | 203.1       | 54.21 | 215.0       | 59.59 | 228.2       | 65.97 | 241.9       | 69.89 | 251.3       | 72.44 |
|        | 29                              | 141.0                        | 34.32 | 173.6       | 45.67 | 203.1       | 57.49 | 215.0       | 64.07 | 228.2       | 70.35 | 241.9       | 74.72 | 251.3       | 77.32 |
|        | 31                              | 141.0                        | 36.59 | 173.6       | 48.74 | 203.1       | 60.98 | 215.0       | 68.85 | 228.2       | 75.18 | 241.9       | 79.93 | 251.3       | 82.78 |
|        | 33                              | 141.0                        | 38.98 | 173.6       | 51.96 | 203.1       | 65.21 | 215.0       | 74.55 | 228.2       | 80.58 | 241.9       | 85.47 | 251.3       | 88.58 |
|        | 35                              | 141.0                        | 41.52 | 173.6       | 55.42 | 203.1       | 69.92 | 215.0       | 80.86 | 228.2       | 85.96 | 241.8       | 90.91 | 244.5       | 91.39 |
|        | 37                              | 141.0                        | 44.47 | 173.6       | 58.85 | 203.1       | 75.16 | 215.0       | 83.46 | 227.2       | 87.88 | 230.1       | 88.23 | 232.2       | 88.47 |
|        | 39                              | 141.0                        | 47.63 | 173.6       | 62.64 | 203.1       | 79.12 | 214.4       | 83.34 | 216.0       | 83.63 | 218.4       | 83.71 | 220.7       | 83.96 |
|        | 41                              | 141.0                        | 51.78 | 173.6       | 68.16 | 200.5       | 79.32 | 201.4       | 79.57 | 202.5       | 79.70 | 204.6       | 79.78 | 206.9       | 80.03 |
|        | 43                              | 141.0                        | 56.21 | 173.1       | 70.28 | 187.5       | 75.93 | 188.6       | 76.21 | 189.5       | 76.33 | 191.7       | 76.43 | 194.0       | 76.72 |
|        | 46                              | 139.1                        | 62.68 | 165.0       | 71.03 | 167.2       | 71.76 | 168.1       | 72.02 | 169.2       | 72.21 | 171.3       | 72.29 | 173.4       | 72.53 |
|        | 48                              | 132.4                        | 64.03 | 147.7       | 69.42 | 149.8       | 70.20 | 150.6       | 70.40 | 151.4       | 70.46 | 153.2       | 70.57 | 155.1       | 70.66 |
|        | 50                              | 125.6                        | 65.34 | 130.9       | 67.43 | 132.6       | 68.12 | 133.3       | 68.24 | 134.1       | 68.29 | 135.8       | 68.45 | 137.4       | 68.36 |
|        | 52                              | 111.5                        | 62.10 | 113.4       | 63.05 | 116.0       | 62.03 | 116.6       | 61.76 | 117.3       | 61.36 | 118.7       | 61.26 | 120.1       | 60.96 |
| 110    | 10                              | 128.0                        | 16.44 | 157.7       | 20.52 | 186.3       | 25.98 | 197.1       | 28.89 | 211.6       | 32.36 | 221.8       | 35.12 | 233.8       | 37.42 |
|        | 12                              | 128.0                        | 17.30 | 157.7       | 21.81 | 186.3       | 27.88 | 197.1       | 30.85 | 211.6       | 34.73 | 221.8       | 37.80 | 233.8       | 40.37 |
|        | 14                              | 128.0                        | 17.85 | 157.7       | 23.04 | 186.3       | 29.99 | 197.1       | 33.28 | 211.6       | 37.48 | 221.8       | 40.73 | 233.8       | 43.47 |
|        | 16                              | 128.0                        | 18.39 | 157.7       | 24.53 | 186.3       | 32.24 | 197.1       | 35.83 | 211.6       | 40.40 | 221.8       | 43.52 | 233.8       | 46.25 |
|        | 18                              | 128.0                        | 19.45 | 157.7       | 26.22 | 186.3       | 34.91 | 197.1       | 38.73 | 211.6       | 43.25 | 221.8       | 46.71 | 233.8       | 49.48 |
|        | 20                              | 128.0                        | 20.78 | 157.7       | 28.30 | 186.3       | 37.55 | 197.1       | 41.44 | 211.6       | 46.58 | 221.8       | 50.27 | 233.8       | 52.82 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 128.0                        | 21.56 | 157.7       | 29.42 | 186.3       | 38.89 | 197.1       | 43.10 | 211.6       | 48.35 | 221.8       | 51.80 | 233.8       | 54.60 |
|        | 23                              | 128.0                        | 23.45 | 157.7       | 32.13 | 186.3       | 42.24 | 197.1       | 46.12 | 211.6       | 51.40 | 221.8       | 54.96 | 233.8       | 57.89 |
|        | 25                              | 128.0                        | 25.70 | 157.7       | 34.94 | 186.3       | 44.91 | 197.1       | 49.11 | 211.6       | 54.65 | 221.8       | 58.40 | 233.8       | 61.90 |
|        | 27                              | 128.0                        | 28.12 | 157.7       | 37.82 | 186.3       | 48.00 | 197.1       | 52.27 | 211.6       | 58.00 | 221.8       | 62.18 | 233.8       | 66.18 |
|        | 29                              | 128.0                        | 30.68 | 157.7       | 40.36 | 186.3       | 50.98 | 197.1       | 55.90 | 211.6       | 62.12 | 221.8       | 66.34 | 233.8       | 70.02 |
|        | 31                              | 128.0                        | 32.65 | 157.7       | 43.03 | 186.3       | 54.16 | 197.1       | 59.48 | 211.6       | 66.31 | 221.8       | 70.39 | 233.8       | 74.26 |
|        | 33                              | 128.0                        | 34.82 | 157.7       | 45.85 | 186.3       | 57.54 | 197.1       | 63.29 | 211.6       | 70.94 | 221.8       | 74.83 | 233.8       | 78.70 |
|        | 35                              | 128.0                        | 37.06 | 157.7       | 48.94 | 186.3       | 61.16 | 197.1       | 67.42 | 211.6       | 75.75 | 221.8       | 79.49 | 233.7       | 83.56 |
|        | 37                              | 128.0                        | 39.41 | 157.7       | 52.08 | 186.3       | 65.03 | 197.1       | 72.26 | 211.6       | 80.73 | 221.8       | 84.48 | 228.3       | 85.77 |
|        | 39                              | 128.0                        | 42.26 | 157.7       | 55.47 | 186.3       | 69.69 | 197.1       | 76.68 | 211.6       | 83.04 | 214.0       | 83.26 | 217.0       | 83.54 |
|        | 41                              | 128.0                        | 45.95 | 157.7       | 59.96 | 186.3       | 73.86 | 197.1       | 81.28 | 199.3       | 81.81 | 201.3       | 82.05 | 203.3       | 82.34 |
|        | 43                              | 128.0                        | 49.48 | 157.7       | 64.35 | 184.3       | 77.29 | 185.5       | 77.72 | 186.4       | 77.63 | 188.4       | 77.78 | 190.3       | 77.86 |
|        | 46                              | 126.2                        | 52.71 | 155.7       | 66.29 | 164.2       | 72.52 | 165.3       | 72.50 | 166.1       | 72.78 | 168.2       | 72.97 | 169.7       | 72.98 |
|        | 48                              | 120.2                        | 54.19 | 145.5       | 66.85 | 147.1       | 69.94 | 148.2       | 70.16 | 148.9       | 70.27 | 150.5       | 70.36 | 152.1       | 70.47 |
|        | 50                              | 114.2                        | 55.43 | 129.2       | 64.33 | 130.3       | 66.84 | 131.2       | 67.27 | 131.9       | 67.27 | 133.4       | 67.25 | 134.8       | 67.42 |
|        | 52                              | 107.1                        | 54.79 | 111.5       | 59.64 | 113.7       | 60.55 | 114.7       | 60.88 | 115.4       | 60.43 | 116.3       | 60.05 | 117.9       | 59.83 |
| 100    | 10                              | 112.6                        | 14.99 | 139.0       | 18.37 | 166.9       | 22.78 | 179.2       | 25.12 | 192.5       | 27.86 | 207.9       | 31.17 | 215.6       | 32.83 |
|        | 12                              | 112.6                        | 15.74 | 139.0       | 19.55 | 166.9       | 24.31 | 179.2       | 26.76 | 192.5       | 29.81 | 207.9       | 33.68 | 215.6       | 35.52 |
|        | 14                              | 112.6                        | 16.13 | 139.0       | 20.48 | 166.9       | 26.08 | 179.2       | 28.78 | 192.5       | 32.07 | 207.9       | 36.41 | 215.6       | 38.40 |
|        | 16                              | 112.6                        | 16.47 | 139.0       | 21.47 | 166.9       | 27.84 | 179.2       | 31.00 | 192.5       | 34.69 | 207.9       | 39.26 | 215.6       | 41.50 |
|        | 18                              | 112.6                        | 17.19 | 139.0       | 22.94 | 166.9       | 29.81 | 179.2       | 33.21 | 192.5       | 37.62 | 207.9       | 42.19 | 215.6       | 44.34 |
|        | 20                              | 112.6                        | 18.28 | 139.0       | 24.53 | 166.9       | 32.21 | 179.2       | 36.08 | 192.5       | 40.56 | 207.9       | 45.26 | 215.6       | 47.73 |
|        | 21                              | 112.6                        | 18.95 | 139.0       | 25.45 | 166.9       | 33.55 | 179.2       | 37.69 | 192.5       | 42.37 | 207.9       | 47.00 | 215.6       | 49.36 |
|        | 23                              | 112.6                        | 20.57 | 139.0       | 27.70 | 166.9       | 36.60 | 179.2       | 41.06 | 192.5       | 45.80 | 207.9       | 49.94 | 215.6       | 52.29 |
|        | 25                              | 112.6                        | 22.41 | 139.0       | 30.28 | 166.9       | 39.89 | 179.2       | 44.32 | 192.5       | 48.98 | 207.9       | 52.81 | 215.6       | 55.45 |
|        | 27                              | 112.6                        | 24.53 | 139.0       | 33.20 | 166.9       | 42.59 | 179.2       | 47.29 | 192.5       | 52.55 | 207.9       | 56.89 | 215.6       | 59.19 |
|        | 29                              | 112.6                        | 26.92 | 139.0       | 35.41 | 166.9       | 45.45 | 179.2       | 50.46 | 192.5       | 55.85 | 207.9       | 60.50 | 215.6       | 63.41 |
|        | 31                              | 112.6                        | 29.00 | 139.0       | 37.76 | 166.9       | 48.46 | 179.2       | 53.82 | 192.5       | 59.19 | 207.9       | 64.24 | 215.6       | 67.36 |
|        | 33                              | 112.6                        | 30.84 | 139.0       | 40.25 | 166.9       | 51.69 | 179.2       | 57.42 | 192.5       | 62.43 | 207.9       | 68.24 | 215.6       | 71.56 |
|        | 35                              | 112.6                        | 32.85 | 139.0       | 42.89 | 166.9       | 55.09 | 179.2       | 61.23 | 192.5       | 66.30 | 207.5       | 72.48 | 215.5       | 75.64 |
|        | 37                              | 112.6                        | 35.09 | 139.0       | 45.85 | 166.9       | 58.61 | 179.2       | 64.90 | 192.5       | 70.77 | 206.1       | 76.97 | 213.9       | 79.89 |
|        | 39                              | 112.6                        | 37.52 | 139.0       | 49.06 | 166.9       | 62.38 | 179.2       | 68.84 | 192.5       | 74.97 | 204.8       | 79.00 | 211.8       | 81.21 |
|        | 41                              | 112.6                        | 40.53 | 139.0       | 53.02 | 166.9       | 67.08 | 179.2       | 73.19 | 192.5       | 77.98 | 196.9       | 79.16 | 199.5       | 79.47 |
|        | 43                              | 112.6                        | 44.00 | 139.0       | 57.59 | 166.9       | 70.67 | 179.2       | 76.79 | 181.8       | 77.66 | 184.1       | 77.81 | 185.9       | 78.12 |
|        | 46                              | 111.1                        | 49.05 | 137.3       | 63.54 | 160.9       | 74.41 | 161.6       | 76.19 | 162.2       | 76.30 | 164.2       | 76.41 | 165.7       | 76.70 |
|        | 48                              | 106.0                        | 47.79 | 131.2       | 61.74 | 144.2       | 68.40 | 144.7       | 69.66 | 145.3       | 69.73 | 147.0       | 69.80 | 148.6       | 70.05 |
|        | 50                              | 101.0                        | 46.59 | 123.4       | 58.79 | 127.4       | 61.70 | 128.5       | 62.50 | 128.7       | 62.56 | 130.3       | 62.57 | 131.6       | 62.73 |
|        | 52                              | 95.90                        | 43.91 | 107.6       | 50.87 | 109.9       | 52.68 | 111.7       | 52.48 | 112.4       | 52.05 | 114.1       | 51.55 | 115.2       | 51.20 |
| 90     | 10                              | 101.4                        | 13.98 | 125.1       | 16.75 | 150.2       | 20.27 | 161.3       | 22.15 | 173.1       | 24.37 | 188.0       | 27.12 | 201.4       | 29.59 |
|        | 12                              | 101.4                        | 14.22 | 125.1       | 17.51 | 150.2       | 21.40 | 161.3       | 23.46 | 173.1       | 25.88 | 188.0       | 28.80 | 201.4       | 31.61 |
|        | 14                              | 101.4                        | 14.44 | 125.1       | 17.98 | 150.2       | 22.35 | 161.3       | 24.87 | 173.1       | 27.49 | 188.0       | 30.61 | 201.4       | 33.59 |
|        | 16                              | 101.4                        | 14.74 | 125.1       | 18.36 | 150.2       | 23.64 | 161.3       | 26.24 | 173.1       | 29.23 | 188.0       | 32.59 | 201.4       | 35.71 |
|        | 18                              | 101.4                        | 14.95 | 125.1       | 19.49 | 150.2       | 24.99 | 161.3       | 27.80 | 173.1       | 30.92 | 188.0       | 34.75 | 201.4       | 38.29 |
|        | 20                              | 101.4                        | 15.85 | 125.1       | 20.69 | 150.2       | 26.68 | 161.3       | 29.61 | 173.1       | 33.17 | 188.0       | 37.54 | 201.4       | 41.25 |
|        | 21                              | 101.4                        | 16.27 | 125.1       | 21.34 | 150.2       | 27.63 | 161.3       | 30.83 | 173.1       | 34.70 | 188.0       | 38.89 | 201.4       | 42.68 |
|        | 23                              | 101.4                        | 17.35 | 125.1       | 22.98 | 150.2       | 30.18 | 161.3       | 33.68 | 173.1       | 37.82 | 188.0       | 42.14 | 201.4       | 46.05 |
|        | 25                              | 101.4                        | 18.85 | 125.1       | 25.10 | 150.2       | 33.02 | 161.3       | 36.91 | 173.1       | 40.92 | 188.0       | 45.32 | 201.4       | 49.04 |
|        | 27                              | 101.4                        | 20.55 | 125.1       | 27.58 | 150.2       | 35.61 | 161.3       | 39.37 | 173.1       | 43.70 | 188.0       | 48.25 | 201.4       | 52.53 |
|        | 29                              | 101.4                        | 22.54 | 125.1       | 29.92 | 150.2       | 38.03 | 161.3       | 42.02 | 173.1       | 46.63 | 188.0       | 51.29 | 201.4       | 55.78 |
|        | 31                              | 101.4                        | 24.77 | 125.1       | 31.90 | 150.2       | 40.52 | 161.3       | 44.79 | 173.1       | 49.72 | 188.0       | 54.36 | 201.4       | 59.22 |
|        | 33                              | 101.4                        | 26.37 | 125.1       | 34.00 | 150.2       | 43.21 | 161.3       | 47.75 | 173.1       | 52.92 | 188.0       | 57.58 | 200.9       | 62.72 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 101.4                        | 28.04 | 125.1       | 36.17 | 150.2       | 46.03 | 161.3       | 50.93 | 173.1       | 56.31 | 188.0       | 61.66 | 199.7       | 66.69 |
|        | 37                              | 101.4                        | 29.84 | 125.1       | 38.53 | 150.2       | 49.10 | 161.3       | 54.23 | 173.1       | 59.85 | 188.0       | 65.74 | 198.4       | 70.68 |
|        | 39                              | 101.4                        | 31.74 | 125.1       | 41.06 | 150.2       | 52.21 | 161.3       | 57.83 | 173.1       | 63.54 | 188.0       | 70.41 | 197.2       | 74.19 |
|        | 41                              | 101.4                        | 35.13 | 125.1       | 45.22 | 150.2       | 57.23 | 161.3       | 63.32 | 173.1       | 68.52 | 187.4       | 73.93 | 194.0       | 76.64 |
|        | 43                              | 101.4                        | 38.29 | 125.1       | 49.30 | 150.2       | 62.67 | 161.3       | 67.73 | 173.1       | 72.24 | 182.6       | 76.45 | 183.9       | 76.83 |
|        | 46                              | 100.1                        | 43.60 | 123.6       | 56.40 | 148.4       | 69.57 | 158.7       | 74.82 | 160.6       | 75.78 | 162.6       | 76.48 | 164.0       | 76.78 |
|        | 48                              | 95.50                        | 42.72 | 118.1       | 55.33 | 140.1       | 67.12 | 143.2       | 69.31 | 143.8       | 69.78 | 145.8       | 69.85 | 146.9       | 70.11 |
|        | 50                              | 91.00                        | 41.88 | 112.7       | 53.71 | 125.4       | 61.48 | 128.2       | 63.29 | 127.7       | 63.21 | 129.4       | 62.68 | 130.3       | 62.88 |
|        | 52                              | 86.40                        | 41.10 | 103.8       | 49.29 | 109.6       | 53.88 | 112.5       | 54.79 | 111.1       | 53.68 | 112.8       | 52.04 | 114.0       | 51.82 |
| 80     | 10                              | 90.00                        | 12.94 | 111.2       | 15.42 | 133.4       | 18.27 | 143.4       | 19.79 | 154.2       | 21.51 | 167.1       | 24.05 | 179.1       | 25.97 |
|        | 12                              | 90.00                        | 13.11 | 111.2       | 16.02 | 133.4       | 19.20 | 143.4       | 20.85 | 154.2       | 22.71 | 167.1       | 25.41 | 179.1       | 27.47 |
|        | 14                              | 90.00                        | 13.27 | 111.2       | 16.33 | 133.4       | 19.83 | 143.4       | 21.58 | 154.2       | 23.72 | 167.1       | 26.90 | 179.1       | 29.11 |
|        | 16                              | 90.00                        | 13.44 | 111.2       | 16.58 | 133.4       | 20.59 | 143.4       | 22.68 | 154.2       | 25.21 | 167.1       | 28.41 | 179.1       | 30.88 |
|        | 18                              | 90.00                        | 13.75 | 111.2       | 17.21 | 133.4       | 21.80 | 143.4       | 24.09 | 154.2       | 26.65 | 167.1       | 29.99 | 179.1       | 32.66 |
|        | 20                              | 90.00                        | 14.24 | 111.2       | 18.16 | 133.4       | 23.17 | 143.4       | 25.60 | 154.2       | 28.40 | 167.1       | 32.13 | 179.1       | 35.30 |
|        | 21                              | 90.00                        | 14.57 | 111.2       | 18.74 | 133.4       | 23.90 | 143.4       | 26.42 | 154.2       | 29.45 | 167.1       | 33.56 | 179.1       | 36.59 |
|        | 23                              | 90.00                        | 15.47 | 111.2       | 19.95 | 133.4       | 25.75 | 143.4       | 28.80 | 154.2       | 32.13 | 167.1       | 36.20 | 179.1       | 39.48 |
|        | 25                              | 90.00                        | 16.59 | 111.2       | 21.80 | 133.4       | 28.28 | 143.4       | 31.40 | 154.2       | 35.17 | 167.1       | 39.58 | 179.1       | 42.82 |
|        | 27                              | 90.00                        | 18.16 | 111.2       | 23.86 | 133.4       | 31.12 | 143.4       | 34.21 | 154.2       | 37.73 | 167.1       | 42.15 | 179.1       | 45.40 |
|        | 29                              | 90.00                        | 19.95 | 111.2       | 26.21 | 133.4       | 33.13 | 143.4       | 36.46 | 154.2       | 40.26 | 167.1       | 45.03 | 179.1       | 48.09 |
|        | 31                              | 90.00                        | 21.90 | 111.2       | 28.16 | 133.4       | 35.34 | 143.4       | 38.88 | 154.2       | 42.90 | 167.1       | 47.92 | 179.1       | 50.92 |
|        | 33                              | 90.00                        | 23.63 | 111.2       | 30.05 | 133.4       | 37.67 | 143.4       | 41.46 | 154.2       | 45.73 | 167.1       | 50.85 | 179.1       | 53.91 |
|        | 35                              | 90.00                        | 25.12 | 111.2       | 31.95 | 133.4       | 40.14 | 143.4       | 44.16 | 154.2       | 48.79 | 167.1       | 54.08 | 179.1       | 57.55 |
|        | 37                              | 90.00                        | 26.68 | 111.2       | 34.02 | 133.4       | 42.73 | 143.4       | 47.06 | 154.2       | 51.94 | 167.1       | 57.44 | 179.1       | 61.33 |
|        | 39                              | 90.00                        | 28.34 | 111.2       | 36.16 | 133.4       | 45.62 | 143.4       | 50.36 | 154.2       | 55.59 | 167.1       | 61.08 | 179.1       | 65.63 |
|        | 41                              | 90.00                        | 31.23 | 111.2       | 39.85 | 133.4       | 50.05 | 143.4       | 55.22 | 154.2       | 61.03 | 167.1       | 66.48 | 178.9       | 71.06 |
|        | 43                              | 90.00                        | 34.37 | 111.2       | 43.66 | 133.4       | 54.79 | 143.4       | 60.42 | 154.2       | 66.39 | 167.1       | 70.60 | 175.9       | 74.19 |
|        | 46                              | 88.90                        | 38.95 | 109.8       | 49.74 | 131.8       | 61.90 | 141.6       | 67.04 | 152.3       | 73.50 | 160.8       | 76.52 | 162.2       | 76.83 |
|        | 48                              | 84.80                        | 38.12 | 105.0       | 48.72 | 126.2       | 60.42 | 135.6       | 65.39 | 140.5       | 69.45 | 144.2       | 69.91 | 145.4       | 70.15 |
|        | 50                              | 80.80                        | 37.33 | 100.2       | 47.75 | 120.6       | 58.64 | 123.2       | 60.62 | 125.9       | 63.49 | 128.0       | 62.73 | 128.9       | 62.91 |
|        | 52                              | 76.70                        | 36.59 | 95.30       | 45.26 | 105.1       | 51.16 | 107.8       | 52.88 | 110.5       | 55.22 | 111.2       | 52.68 | 112.5       | 52.45 |
| 70     | 10                              | 78.90                        | 11.11 | 97.30       | 13.79 | 116.7       | 15.93 | 125.4       | 17.14 | 134.8       | 18.42 | 146.2       | 20.43 | 156.6       | 22.31 |
|        | 12                              | 78.90                        | 11.63 | 97.30       | 13.95 | 116.7       | 16.71 | 125.4       | 17.95 | 134.8       | 19.39 | 146.2       | 21.49 | 156.6       | 23.49 |
|        | 14                              | 78.90                        | 11.79 | 97.30       | 14.21 | 116.7       | 17.05 | 125.4       | 18.43 | 134.8       | 20.02 | 146.2       | 22.31 | 156.6       | 24.48 |
|        | 16                              | 78.90                        | 11.97 | 97.30       | 14.44 | 116.7       | 17.38 | 125.4       | 18.95 | 134.8       | 20.84 | 146.2       | 23.45 | 156.6       | 25.82 |
|        | 18                              | 78.90                        | 12.13 | 97.30       | 14.74 | 116.7       | 18.30 | 125.4       | 20.09 | 134.8       | 22.07 | 146.2       | 24.77 | 156.6       | 27.24 |
|        | 20                              | 78.90                        | 12.35 | 97.30       | 15.51 | 116.7       | 19.31 | 125.4       | 21.32 | 134.8       | 23.48 | 146.2       | 26.32 | 156.6       | 29.22 |
|        | 21                              | 78.90                        | 12.72 | 97.30       | 15.96 | 116.7       | 19.94 | 125.4       | 22.00 | 134.8       | 24.22 | 146.2       | 27.32 | 156.6       | 30.24 |
|        | 23                              | 78.90                        | 13.38 | 97.30       | 16.94 | 116.7       | 21.28 | 125.4       | 23.60 | 134.8       | 26.26 | 146.2       | 29.72 | 156.6       | 32.78 |
|        | 25                              | 78.90                        | 14.16 | 97.30       | 18.29 | 116.7       | 23.36 | 125.4       | 25.92 | 134.8       | 28.66 | 146.2       | 32.51 | 156.6       | 35.50 |
|        | 27                              | 78.90                        | 15.37 | 97.30       | 20.06 | 116.7       | 25.57 | 125.4       | 28.31 | 134.8       | 31.54 | 146.2       | 35.33 | 156.6       | 38.17 |
|        | 29                              | 78.90                        | 16.94 | 97.30       | 22.04 | 116.7       | 27.97 | 125.4       | 30.57 | 134.8       | 33.57 | 146.2       | 37.69 | 156.6       | 40.80 |
|        | 31                              | 78.90                        | 18.63 | 97.30       | 24.16 | 116.7       | 29.82 | 125.4       | 32.64 | 134.8       | 35.82 | 146.2       | 40.19 | 156.6       | 43.41 |
|        | 33                              | 78.90                        | 20.41 | 97.30       | 25.65 | 116.7       | 31.74 | 125.4       | 34.73 | 134.8       | 38.14 | 146.2       | 42.81 | 156.6       | 46.26 |
|        | 35                              | 78.90                        | 21.80 | 97.30       | 27.35 | 116.7       | 33.82 | 125.4       | 37.00 | 134.8       | 40.65 | 146.2       | 45.64 | 156.6       | 49.22 |
|        | 37                              | 78.90                        | 23.19 | 97.30       | 29.06 | 116.7       | 36.00 | 125.4       | 39.43 | 134.8       | 43.33 | 146.2       | 48.64 | 156.6       | 52.25 |
|        | 39                              | 78.90                        | 24.66 | 97.30       | 31.00 | 116.7       | 38.46 | 125.4       | 42.21 | 134.8       | 46.45 | 146.2       | 51.96 | 156.6       | 56.00 |
|        | 41                              | 78.90                        | 27.15 | 97.30       | 33.99 | 116.7       | 42.15 | 125.4       | 46.28 | 134.8       | 50.74 | 146.2       | 57.09 | 156.6       | 61.04 |
|        | 43                              | 78.90                        | 29.72 | 97.30       | 37.21 | 116.7       | 46.13 | 125.4       | 50.63 | 134.8       | 55.53 | 146.2       | 62.59 | 156.6       | 66.64 |
|        | 46                              | 77.90                        | 33.65 | 96.10       | 42.33 | 115.3       | 52.51 | 123.9       | 57.33 | 133.2       | 62.56 | 144.4       | 69.93 | 154.6       | 73.39 |
|        | 48                              | 74.30                        | 32.99 | 91.90       | 41.51 | 110.4       | 51.55 | 118.7       | 56.31 | 127.6       | 61.13 | 138.1       | 68.01 | 145.0       | 69.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 70.80                        | 32.37 | 87.60       | 40.72 | 105.5       | 50.66 | 113.4       | 54.48 | 120.6       | 58.75 | 125.0       | 62.74 | 129.7       | 63.45 |
|        | 52                              | 67.30                        | 31.79 | 83.40       | 40.00 | 100.6       | 47.74 | 103.0       | 49.30 | 105.3       | 51.29 | 109.5       | 54.89 | 113.7       | 54.57 |
| 60     | 10                              | 67.50                        | 9.26  | 83.40       | 11.80 | 100.1       | 13.95 | 107.5       | 14.83 | 115.6       | 15.75 | 125.4       | 17.30 | 134.3       | 18.79 |
|        | 12                              | 67.50                        | 10.22 | 83.40       | 12.07 | 100.1       | 14.23 | 107.5       | 15.41 | 115.6       | 16.47 | 125.4       | 18.09 | 134.3       | 19.69 |
|        | 14                              | 67.50                        | 10.33 | 83.40       | 12.25 | 100.1       | 14.54 | 107.5       | 15.68 | 115.6       | 16.86 | 125.4       | 18.58 | 134.3       | 20.33 |
|        | 16                              | 67.50                        | 10.49 | 83.40       | 12.46 | 100.1       | 14.72 | 107.5       | 15.91 | 115.6       | 17.24 | 125.4       | 19.02 | 134.3       | 20.96 |
|        | 18                              | 67.50                        | 10.65 | 83.40       | 12.72 | 100.1       | 15.12 | 107.5       | 16.52 | 115.6       | 18.03 | 125.4       | 20.09 | 134.3       | 22.09 |
|        | 20                              | 67.50                        | 10.80 | 83.40       | 13.06 | 100.1       | 15.95 | 107.5       | 17.42 | 115.6       | 19.11 | 125.4       | 21.31 | 134.3       | 23.54 |
|        | 21                              | 67.50                        | 10.91 | 83.40       | 13.35 | 100.1       | 16.49 | 107.5       | 17.98 | 115.6       | 19.73 | 125.4       | 22.03 | 134.3       | 24.24 |
|        | 23                              | 67.50                        | 11.43 | 83.40       | 14.20 | 100.1       | 17.53 | 107.5       | 19.19 | 115.6       | 21.09 | 125.4       | 23.65 | 134.3       | 26.29 |
|        | 25                              | 67.50                        | 12.09 | 83.40       | 15.12 | 100.1       | 18.87 | 107.5       | 20.83 | 115.6       | 23.00 | 125.4       | 25.97 | 134.3       | 28.68 |
|        | 27                              | 67.50                        | 12.95 | 83.40       | 16.40 | 100.1       | 20.68 | 107.5       | 22.80 | 115.6       | 25.16 | 125.4       | 28.35 | 134.3       | 31.43 |
|        | 29                              | 67.50                        | 14.16 | 83.40       | 18.09 | 100.1       | 22.75 | 107.5       | 25.06 | 115.6       | 27.63 | 125.4       | 30.74 | 134.3       | 33.81 |
|        | 31                              | 67.50                        | 15.66 | 83.40       | 19.98 | 100.1       | 24.82 | 107.5       | 27.01 | 115.6       | 29.43 | 125.4       | 32.77 | 134.3       | 36.02 |
|        | 33                              | 67.50                        | 17.29 | 83.40       | 21.70 | 100.1       | 26.40 | 107.5       | 28.72 | 115.6       | 31.36 | 125.4       | 34.90 | 134.3       | 38.42 |
|        | 35                              | 67.50                        | 18.63 | 83.40       | 23.09 | 100.1       | 28.11 | 107.5       | 30.58 | 115.6       | 33.37 | 125.4       | 37.20 | 134.3       | 40.91 |
|        | 37                              | 67.50                        | 19.76 | 83.40       | 24.48 | 100.1       | 29.90 | 107.5       | 32.55 | 115.6       | 35.51 | 125.4       | 39.59 | 134.3       | 43.57 |
|        | 39                              | 67.50                        | 21.17 | 83.40       | 26.11 | 100.1       | 32.06 | 107.5       | 34.81 | 115.6       | 38.02 | 125.4       | 42.34 | 134.3       | 46.58 |
|        | 41                              | 67.50                        | 23.10 | 83.40       | 28.58 | 100.1       | 34.99 | 107.5       | 38.11 | 115.6       | 41.49 | 125.4       | 46.46 | 134.3       | 50.96 |
|        | 43                              | 67.50                        | 25.24 | 83.40       | 31.26 | 100.1       | 38.27 | 107.5       | 41.68 | 115.6       | 45.36 | 125.4       | 50.91 | 134.3       | 55.91 |
|        | 46                              | 66.70                        | 28.68 | 82.40       | 35.55 | 98.90       | 43.52 | 106.2       | 47.35 | 114.2       | 51.57 | 123.9       | 58.00 | 132.6       | 64.16 |
|        | 48                              | 63.60                        | 28.16 | 78.70       | 34.91 | 94.70       | 42.77 | 101.7       | 46.52 | 109.4       | 50.70 | 118.5       | 56.79 | 126.6       | 62.10 |
|        | 50                              | 60.60                        | 27.68 | 75.10       | 34.33 | 90.50       | 42.06 | 97.20       | 45.75 | 104.6       | 49.91 | 113.1       | 54.95 | 120.7       | 59.91 |
|        | 52                              | 57.60                        | 27.27 | 71.50       | 33.79 | 86.20       | 41.42 | 92.70       | 43.53 | 99.80       | 47.09 | 103.7       | 50.14 | 107.3       | 53.12 |
| 50     | 10                              | 56.30                        | 7.72  | 69.50       | 9.58  | 83.40       | 11.78 | 89.60       | 12.69 | 96.20       | 13.46 | 104.5       | 14.61 | 112.0       | 15.70 |
|        | 12                              | 56.30                        | 8.93  | 69.50       | 10.39 | 83.40       | 11.98 | 89.60       | 12.87 | 96.20       | 13.77 | 104.5       | 15.06 | 112.0       | 16.35 |
|        | 14                              | 56.30                        | 9.04  | 69.50       | 10.55 | 83.40       | 12.22 | 89.60       | 13.05 | 96.20       | 13.95 | 104.5       | 15.26 | 112.0       | 16.62 |
|        | 16                              | 56.30                        | 9.20  | 69.50       | 10.71 | 83.40       | 12.40 | 89.60       | 13.25 | 96.20       | 14.21 | 104.5       | 15.57 | 112.0       | 16.85 |
|        | 18                              | 56.30                        | 9.25  | 69.50       | 10.84 | 83.40       | 12.56 | 89.60       | 13.51 | 96.20       | 14.44 | 104.5       | 16.04 | 112.0       | 17.51 |
|        | 20                              | 56.30                        | 9.36  | 69.50       | 11.00 | 83.40       | 12.99 | 89.60       | 14.05 | 96.20       | 15.25 | 104.5       | 16.91 | 112.0       | 18.56 |
|        | 21                              | 56.30                        | 9.44  | 69.50       | 11.15 | 83.40       | 13.38 | 89.60       | 14.51 | 96.20       | 15.72 | 104.5       | 17.44 | 112.0       | 19.04 |
|        | 23                              | 56.30                        | 9.72  | 69.50       | 11.72 | 83.40       | 14.11 | 89.60       | 15.35 | 96.20       | 16.76 | 104.5       | 18.59 | 112.0       | 20.30 |
|        | 25                              | 56.30                        | 10.17 | 69.50       | 12.40 | 83.40       | 15.14 | 89.60       | 16.46 | 96.20       | 17.97 | 104.5       | 20.08 | 112.0       | 22.17 |
|        | 27                              | 56.30                        | 10.81 | 69.50       | 13.32 | 83.40       | 16.46 | 89.60       | 17.97 | 96.20       | 19.69 | 104.5       | 22.04 | 112.0       | 24.29 |
|        | 29                              | 56.30                        | 11.75 | 69.50       | 14.70 | 83.40       | 18.12 | 89.60       | 19.79 | 96.20       | 21.67 | 104.5       | 24.27 | 112.0       | 26.60 |
|        | 31                              | 56.30                        | 12.89 | 69.50       | 16.13 | 83.40       | 19.94 | 89.60       | 21.82 | 96.20       | 23.80 | 104.5       | 26.25 | 112.0       | 28.61 |
|        | 33                              | 56.30                        | 14.27 | 69.50       | 17.95 | 83.40       | 21.53 | 89.60       | 23.35 | 96.20       | 25.30 | 104.5       | 27.92 | 112.0       | 30.49 |
|        | 35                              | 56.30                        | 15.66 | 69.50       | 19.07 | 83.40       | 22.99 | 89.60       | 24.84 | 96.20       | 26.87 | 104.5       | 29.67 | 112.0       | 32.45 |
|        | 37                              | 56.30                        | 16.75 | 69.50       | 20.40 | 83.40       | 24.41 | 89.60       | 26.39 | 96.20       | 28.57 | 104.5       | 31.63 | 112.0       | 34.54 |
|        | 39                              | 56.30                        | 17.84 | 69.50       | 21.78 | 83.40       | 26.08 | 89.60       | 28.25 | 96.20       | 30.56 | 104.5       | 33.73 | 112.0       | 37.05 |
|        | 41                              | 56.30                        | 19.42 | 69.50       | 23.72 | 83.40       | 28.54 | 89.60       | 30.79 | 96.20       | 33.29 | 104.5       | 36.99 | 112.0       | 40.51 |
|        | 43                              | 56.30                        | 21.21 | 69.50       | 25.91 | 83.40       | 31.19 | 89.60       | 33.66 | 96.20       | 36.40 | 104.5       | 40.50 | 112.0       | 44.40 |
|        | 46                              | 55.60                        | 24.12 | 68.70       | 29.46 | 82.40       | 35.43 | 88.50       | 38.25 | 95.00       | 41.32 | 103.2       | 46.09 | 110.6       | 50.62 |
|        | 48                              | 53.00                        | 23.76 | 65.60       | 28.98 | 78.90       | 34.86 | 84.80       | 37.64 | 91.00       | 40.66 | 98.70       | 45.19 | 105.6       | 49.43 |
|        | 50                              | 50.50                        | 23.48 | 62.60       | 28.57 | 75.40       | 34.35 | 81.00       | 37.06 | 87.00       | 40.06 | 94.20       | 44.34 | 100.6       | 48.30 |
|        | 52                              | 48.00                        | 23.27 | 59.60       | 28.20 | 71.90       | 33.88 | 77.30       | 36.56 | 83.00       | 39.54 | 89.80       | 42.27 | 95.70       | 45.70 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM660LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 171.3                        | 24.85 | 207.2       | 31.09 | 230.5       | 37.86 | 240.3       | 39.96 | 250.7       | 42.17 | 264.1       | 44.04 | 272.6       | 45.40 |
|        | 12                              | 171.3                        | 25.76 | 207.2       | 32.63 | 230.5       | 39.97 | 240.3       | 41.81 | 250.7       | 44.18 | 264.1       | 46.04 | 272.6       | 47.60 |
|        | 14                              | 171.3                        | 26.72 | 207.2       | 34.27 | 230.5       | 42.12 | 240.3       | 44.12 | 250.7       | 46.33 | 264.1       | 48.33 | 272.6       | 50.12 |
|        | 16                              | 171.3                        | 27.91 | 207.2       | 35.97 | 230.5       | 44.63 | 240.3       | 46.64 | 250.7       | 49.03 | 264.1       | 51.20 | 272.6       | 53.08 |
|        | 18                              | 171.3                        | 29.39 | 207.2       | 38.34 | 230.5       | 47.12 | 240.3       | 49.80 | 250.7       | 52.33 | 264.1       | 54.50 | 272.6       | 56.16 |
|        | 20                              | 171.3                        | 31.08 | 207.2       | 41.15 | 230.5       | 50.07 | 240.3       | 54.52 | 250.7       | 56.93 | 264.1       | 59.86 | 272.6       | 61.23 |
|        | 21                              | 171.3                        | 32.06 | 207.2       | 42.68 | 230.5       | 51.32 | 240.3       | 57.27 | 250.7       | 59.74 | 264.1       | 62.88 | 272.6       | 64.26 |
|        | 23                              | 171.3                        | 34.61 | 207.2       | 45.51 | 230.5       | 54.29 | 240.3       | 62.56 | 250.7       | 65.97 | 264.1       | 68.97 | 272.6       | 70.39 |
|        | 25                              | 171.3                        | 37.34 | 207.2       | 48.47 | 230.5       | 57.99 | 240.3       | 69.30 | 250.7       | 72.78 | 264.1       | 75.87 | 272.6       | 77.33 |
|        | 27                              | 171.3                        | 40.29 | 207.2       | 51.77 | 230.5       | 62.46 | 240.3       | 76.79 | 250.7       | 79.82 | 264.1       | 83.18 | 272.6       | 84.86 |
|        | 29                              | 171.3                        | 42.94 | 207.2       | 55.31 | 230.5       | 68.07 | 240.3       | 84.43 | 250.7       | 87.65 | 264.1       | 91.15 | 272.6       | 92.58 |
|        | 31                              | 171.3                        | 45.81 | 207.2       | 58.58 | 230.5       | 73.35 | 240.3       | 86.31 | 250.7       | 89.69 | 262.8       | 92.95 | 271.8       | 94.64 |
|        | 33                              | 171.3                        | 48.83 | 207.2       | 63.00 | 230.5       | 79.28 | 240.3       | 87.96 | 250.5       | 91.44 | 259.6       | 93.68 | 264.2       | 93.95 |
|        | 35                              | 171.3                        | 52.06 | 207.2       | 67.16 | 230.5       | 86.43 | 239.6       | 89.36 | 246.9       | 91.72 | 251.5       | 92.30 | 256.5       | 92.55 |
|        | 37                              | 171.3                        | 55.53 | 207.2       | 71.55 | 229.4       | 87.47 | 236.0       | 89.46 | 238.9       | 89.84 | 243.4       | 90.40 | 248.5       | 90.63 |
|        | 39                              | 171.3                        | 59.15 | 207.2       | 76.62 | 225.8       | 86.44 | 228.6       | 86.73 | 230.8       | 87.08 | 235.9       | 87.65 | 241.0       | 87.89 |
|        | 41                              | 171.3                        | 64.57 | 202.8       | 81.69 | 214.4       | 84.44 | 216.6       | 84.74 | 219.6       | 85.09 | 224.2       | 85.63 | 228.7       | 85.90 |
|        | 43                              | 171.3                        | 70.15 | 196.6       | 81.73 | 203.3       | 82.69 | 205.4       | 82.99 | 208.3       | 83.34 | 213.1       | 83.91 | 217.2       | 84.13 |
|        | 46                              | 167.2                        | 77.88 | 179.1       | 80.23 | 183.6       | 80.53 | 185.7       | 80.83 | 188.6       | 81.18 | 192.8       | 81.71 | 196.8       | 81.98 |
|        | 48                              | 152.9                        | 77.79 | 157.7       | 78.78 | 161.8       | 78.88 | 163.6       | 79.04 | 166.3       | 79.58 | 170.0       | 79.96 | 173.5       | 80.19 |
|        | 50                              | 136.7                        | 76.65 | 136.7       | 77.10 | 140.2       | 77.01 | 141.9       | 77.05 | 144.0       | 77.70 | 147.4       | 77.89 | 150.3       | 78.13 |
|        | 52                              | 117.5                        | 73.53 | 115.3       | 73.86 | 118.9       | 72.79 | 120.2       | 72.48 | 122.1       | 73.11 | 125.0       | 72.98 | 127.5       | 73.11 |
| 120    | 10                              | 155.8                        | 22.42 | 188.2       | 27.94 | 212.4       | 34.37 | 221.7       | 37.73 | 231.7       | 39.74 | 244.9       | 41.38 | 252.7       | 42.90 |
|        | 12                              | 155.8                        | 23.27 | 188.2       | 29.25 | 212.4       | 36.25 | 221.7       | 39.26 | 231.7       | 41.88 | 244.9       | 43.89 | 252.7       | 45.40 |
|        | 14                              | 155.8                        | 24.16 | 188.2       | 30.65 | 212.4       | 38.25 | 221.7       | 41.38 | 231.7       | 44.14 | 244.9       | 46.16 | 252.7       | 47.66 |
|        | 16                              | 155.8                        | 25.03 | 188.2       | 32.20 | 212.4       | 40.34 | 221.7       | 43.61 | 231.7       | 46.62 | 244.9       | 48.66 | 252.7       | 50.35 |
|        | 18                              | 155.8                        | 26.32 | 188.2       | 34.03 | 212.4       | 42.60 | 221.7       | 46.30 | 231.7       | 49.46 | 244.9       | 51.69 | 252.7       | 53.33 |
|        | 20                              | 155.8                        | 27.65 | 188.2       | 36.42 | 212.4       | 45.23 | 221.7       | 49.30 | 231.7       | 52.53 | 244.9       | 54.79 | 252.7       | 56.37 |
|        | 21                              | 155.8                        | 28.61 | 188.2       | 37.83 | 212.4       | 46.77 | 221.7       | 50.84 | 231.7       | 54.23 | 244.9       | 56.56 | 252.7       | 58.41 |
|        | 23                              | 155.8                        | 30.87 | 188.2       | 40.79 | 212.4       | 50.27 | 221.7       | 54.18 | 231.7       | 57.90 | 244.9       | 60.23 | 252.7       | 61.86 |
|        | 25                              | 155.8                        | 33.29 | 188.2       | 44.09 | 212.4       | 53.14 | 221.7       | 57.77 | 231.7       | 62.06 | 244.9       | 64.89 | 252.7       | 66.37 |
|        | 27                              | 155.8                        | 35.96 | 188.2       | 47.11 | 212.4       | 56.82 | 221.7       | 61.79 | 231.7       | 66.83 | 244.9       | 69.97 | 252.7       | 71.50 |
|        | 29                              | 155.8                        | 38.46 | 188.2       | 50.27 | 212.4       | 60.01 | 221.7       | 66.28 | 231.7       | 71.83 | 244.9       | 75.59 | 252.7       | 77.05 |
|        | 31                              | 155.8                        | 41.00 | 188.2       | 53.67 | 212.4       | 63.38 | 221.7       | 71.59 | 231.7       | 77.43 | 244.9       | 81.61 | 252.7       | 83.32 |
|        | 33                              | 155.8                        | 43.66 | 188.2       | 57.21 | 212.4       | 67.87 | 221.7       | 78.30 | 231.7       | 83.78 | 244.9       | 87.90 | 252.7       | 89.73 |
|        | 35                              | 155.8                        | 46.46 | 188.2       | 61.00 | 212.4       | 72.94 | 221.7       | 86.41 | 231.7       | 89.74 | 244.7       | 93.51 | 249.3       | 94.13 |
|        | 37                              | 155.8                        | 49.88 | 188.2       | 64.55 | 212.4       | 78.66 | 221.7       | 87.37 | 231.2       | 90.52 | 236.8       | 91.16 | 241.1       | 91.65 |
|        | 39                              | 155.8                        | 53.58 | 188.2       | 68.58 | 212.4       | 83.90 | 221.4       | 87.17 | 224.4       | 87.76 | 229.3       | 87.93 | 233.7       | 88.42 |
|        | 41                              | 155.8                        | 58.92 | 188.2       | 75.53 | 208.9       | 84.46 | 210.9       | 84.97 | 213.0       | 85.26 | 217.3       | 85.44 | 221.7       | 85.92 |
|        | 43                              | 155.8                        | 64.60 | 187.2       | 77.87 | 197.9       | 82.18 | 200.0       | 82.75 | 202.0       | 83.03 | 206.2       | 83.21 | 210.6       | 83.72 |
|        | 46                              | 152.1                        | 72.47 | 174.3       | 77.84 | 178.8       | 79.34 | 180.6       | 79.82 | 182.6       | 80.14 | 186.6       | 80.31 | 190.7       | 80.78 |
|        | 48                              | 139.3                        | 72.70 | 153.6       | 76.70 | 157.6       | 78.13 | 159.2       | 78.49 | 160.9       | 78.66 | 164.4       | 78.89 | 168.1       | 79.11 |
|        | 50                              | 126.3                        | 72.91 | 133.0       | 75.36 | 136.6       | 76.65 | 138.0       | 76.88 | 139.5       | 76.96 | 142.7       | 77.26 | 145.7       | 77.20 |
|        | 52                              | 109.7                        | 70.83 | 112.2       | 72.82 | 115.8       | 73.16 | 117.0       | 73.09 | 118.3       | 72.87 | 121.0       | 73.08 | 123.6       | 72.74 |
| 110    | 10                              | 140.5                        | 20.26 | 170.0       | 24.94 | 195.0       | 30.43 | 203.2       | 33.32 | 217.1       | 36.49 | 224.8       | 38.44 | 238.5       | 39.93 |
|        | 12                              | 140.5                        | 21.07 | 170.0       | 26.08 | 195.0       | 32.10 | 203.2       | 34.83 | 217.1       | 38.44 | 224.8       | 40.66 | 238.5       | 42.44 |
|        | 14                              | 140.5                        | 21.73 | 170.0       | 27.38 | 195.0       | 33.98 | 203.2       | 37.01 | 217.1       | 40.88 | 224.8       | 43.13 | 238.5       | 44.98 |
|        | 16                              | 140.5                        | 22.46 | 170.0       | 28.70 | 195.0       | 35.89 | 203.2       | 39.17 | 217.1       | 43.36 | 224.8       | 45.55 | 238.5       | 47.34 |
|        | 18                              | 140.5                        | 23.48 | 170.0       | 30.23 | 195.0       | 38.36 | 203.2       | 41.75 | 217.1       | 46.05 | 224.8       | 48.27 | 238.5       | 50.12 |
|        | 20                              | 140.5                        | 24.64 | 170.0       | 32.13 | 195.0       | 40.95 | 203.2       | 44.14 | 217.1       | 48.91 | 224.8       | 51.38 | 238.5       | 53.08 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 140.5                        | 25.34 | 170.0       | 33.22 | 195.0       | 42.18 | 203.2       | 45.59 | 217.1       | 50.50 | 224.8       | 52.89 | 238.5       | 54.72 |
|        | 23                               | 140.5                        | 27.24 | 170.0       | 35.91 | 195.0       | 45.13 | 203.2       | 48.44 | 217.1       | 53.52 | 224.8       | 55.89 | 238.5       | 57.83 |
|        | 25                               | 140.5                        | 29.43 | 170.0       | 38.64 | 195.0       | 47.82 | 203.2       | 51.39 | 217.1       | 56.71 | 224.8       | 59.01 | 238.5       | 61.74 |
|        | 27                               | 140.5                        | 31.77 | 170.0       | 41.55 | 195.0       | 50.80 | 203.2       | 54.53 | 217.1       | 59.69 | 224.8       | 62.48 | 238.5       | 65.90 |
|        | 29                               | 140.5                        | 34.25 | 170.0       | 44.35 | 195.0       | 53.82 | 203.2       | 58.03 | 217.1       | 63.49 | 224.8       | 66.16 | 238.5       | 69.86 |
|        | 31                               | 140.5                        | 36.43 | 170.0       | 47.28 | 195.0       | 57.02 | 203.2       | 61.61 | 217.1       | 67.80 | 224.8       | 70.41 | 238.5       | 74.26 |
|        | 33                               | 140.5                        | 38.85 | 170.0       | 50.36 | 195.0       | 60.40 | 203.2       | 65.41 | 217.1       | 72.57 | 224.8       | 75.09 | 238.5       | 78.76 |
|        | 35                               | 140.5                        | 41.30 | 170.0       | 53.77 | 195.0       | 63.98 | 203.2       | 69.49 | 217.1       | 77.70 | 224.8       | 79.90 | 238.3       | 83.65 |
|        | 37                               | 140.5                        | 43.84 | 170.0       | 57.13 | 195.0       | 67.78 | 203.2       | 74.57 | 217.1       | 83.11 | 224.8       | 84.92 | 233.6       | 86.70 |
|        | 39                               | 140.5                        | 47.15 | 170.0       | 60.77 | 195.0       | 72.74 | 203.2       | 80.21 | 217.1       | 87.02 | 220.9       | 87.13 | 226.3       | 87.59 |
|        | 41                               | 140.5                        | 51.89 | 170.0       | 66.23 | 195.0       | 79.08 | 203.2       | 88.36 | 206.6       | 89.04 | 210.7       | 89.54 | 214.5       | 90.07 |
|        | 43                               | 140.5                        | 56.17 | 170.0       | 71.27 | 191.8       | 84.74 | 194.0       | 85.48 | 195.8       | 85.33 | 199.9       | 85.67 | 203.5       | 85.84 |
|        | 46                               | 137.1                        | 58.51 | 166.1       | 72.71 | 173.0       | 80.65 | 175.2       | 80.64 | 176.7       | 81.16 | 180.7       | 81.51 | 183.9       | 81.63 |
|        | 48                               | 125.6                        | 58.63 | 149.4       | 71.92 | 152.5       | 77.62 | 154.5       | 78.02 | 155.9       | 78.28 | 159.2       | 78.45 | 162.3       | 78.68 |
|        | 50                               | 114.0                        | 58.62 | 129.8       | 69.56 | 132.2       | 74.30 | 133.9       | 75.09 | 135.2       | 75.12 | 138.1       | 75.11 | 140.8       | 75.42 |
|        | 52                               | 101.9                        | 57.66 | 109.4       | 66.10 | 111.9       | 69.35 | 113.6       | 70.39 | 114.7       | 70.01 | 117.0       | 69.68 | 119.4       | 69.85 |
| 100    | 10                               | 120.6                        | 18.34 | 146.0       | 22.37 | 172.5       | 27.03 | 184.8       | 29.46 | 197.6       | 32.09 | 216.3       | 35.80 | 222.6       | 36.79 |
|        | 12                               | 120.6                        | 19.06 | 146.0       | 23.50 | 172.5       | 28.32 | 184.8       | 30.74 | 197.6       | 33.64 | 216.3       | 38.14 | 222.6       | 39.27 |
|        | 14                               | 120.6                        | 19.61 | 146.0       | 24.51 | 172.5       | 29.89 | 184.8       | 32.50 | 197.6       | 35.58 | 216.3       | 40.70 | 222.6       | 41.90 |
|        | 16                               | 120.6                        | 20.13 | 146.0       | 25.48 | 172.5       | 31.49 | 184.8       | 34.46 | 197.6       | 37.94 | 216.3       | 43.21 | 222.6       | 44.66 |
|        | 18                               | 120.6                        | 20.84 | 146.0       | 26.76 | 172.5       | 33.16 | 184.8       | 36.50 | 197.6       | 40.65 | 216.3       | 46.00 | 222.6       | 47.28 |
|        | 20                               | 120.6                        | 21.83 | 146.0       | 28.13 | 172.5       | 35.41 | 184.8       | 39.34 | 197.6       | 43.65 | 216.3       | 48.73 | 222.6       | 50.17 |
|        | 21                               | 120.6                        | 22.42 | 146.0       | 28.97 | 172.5       | 36.75 | 184.8       | 40.88 | 197.6       | 45.42 | 216.3       | 50.20 | 222.6       | 51.59 |
|        | 23                               | 120.6                        | 24.00 | 146.0       | 31.23 | 172.5       | 39.74 | 184.8       | 44.17 | 197.6       | 48.87 | 216.3       | 52.93 | 222.6       | 54.33 |
|        | 25                               | 120.6                        | 25.79 | 146.0       | 33.65 | 172.5       | 42.85 | 184.8       | 47.46 | 197.6       | 52.25 | 216.3       | 55.55 | 222.6       | 57.36 |
|        | 27                               | 120.6                        | 27.84 | 146.0       | 36.37 | 172.5       | 45.80 | 184.8       | 50.68 | 197.6       | 55.80 | 216.3       | 59.57 | 222.6       | 61.00 |
|        | 29                               | 120.6                        | 30.04 | 146.0       | 38.81 | 172.5       | 48.89 | 184.8       | 54.12 | 197.6       | 59.17 | 216.3       | 63.25 | 222.6       | 64.87 |
|        | 31                               | 120.6                        | 32.21 | 146.0       | 41.39 | 172.5       | 52.13 | 184.8       | 57.74 | 197.6       | 62.42 | 216.3       | 66.91 | 222.6       | 68.67 |
|        | 33                               | 120.6                        | 34.20 | 146.0       | 44.09 | 172.5       | 55.61 | 184.8       | 61.60 | 197.6       | 65.28 | 216.3       | 70.80 | 222.6       | 72.64 |
|        | 35                               | 120.6                        | 36.40 | 146.0       | 46.94 | 172.5       | 59.24 | 184.8       | 65.69 | 197.6       | 68.99 | 215.5       | 74.76 | 222.4       | 76.64 |
|        | 37                               | 120.6                        | 38.94 | 146.0       | 50.28 | 172.5       | 62.88 | 184.8       | 69.21 | 197.6       | 73.52 | 212.8       | 78.80 | 219.3       | 80.63 |
|        | 39                               | 120.6                        | 41.70 | 146.0       | 53.91 | 172.5       | 66.76 | 184.8       | 72.97 | 197.6       | 78.15 | 210.4       | 81.75 | 216.4       | 83.25 |
|        | 41                               | 120.6                        | 45.37 | 146.0       | 58.73 | 172.5       | 72.09 | 184.8       | 79.05 | 197.6       | 83.38 | 202.3       | 84.19 | 207.0       | 84.76 |
|        | 43                               | 120.6                        | 49.78 | 146.0       | 64.52 | 172.5       | 77.57 | 184.8       | 84.81 | 187.2       | 85.42 | 191.3       | 85.64 | 194.8       | 86.24 |
|        | 46                               | 117.8                        | 55.85 | 142.7       | 72.13 | 166.7       | 84.16 | 167.7       | 87.40 | 169.0       | 87.61 | 172.8       | 87.81 | 176.0       | 88.42 |
|        | 48                               | 108.0                        | 51.21 | 131.1       | 66.14 | 146.6       | 74.74 | 147.9       | 77.08 | 149.0       | 77.26 | 152.3       | 77.39 | 155.3       | 77.85 |
|        | 50                               | 98.40                        | 46.53 | 118.7       | 59.47 | 126.3       | 64.84 | 128.4       | 66.31 | 129.1       | 66.47 | 132.1       | 66.52 | 134.7       | 66.81 |
|        | 52                               | 88.60                        | 41.01 | 102.2       | 50.20 | 105.8       | 53.66 | 108.6       | 53.95 | 109.5       | 53.86 | 112.2       | 53.61 | 114.3       | 53.50 |
| 90     | 10                               | 108.5                        | 17.11 | 131.6       | 20.54 | 155.3       | 24.47 | 166.3       | 26.54 | 177.7       | 28.83 | 196.3       | 32.18 | 214.3       | 35.20 |
|        | 12                               | 108.5                        | 17.35 | 131.6       | 21.11 | 155.3       | 25.29 | 166.3       | 27.50 | 177.7       | 29.95 | 196.3       | 33.39 | 214.3       | 36.88 |
|        | 14                               | 108.5                        | 17.65 | 131.6       | 21.59 | 155.3       | 26.08 | 166.3       | 28.51 | 177.7       | 31.06 | 196.3       | 34.66 | 214.3       | 38.30 |
|        | 16                               | 108.5                        | 17.99 | 131.6       | 22.03 | 155.3       | 27.03 | 166.3       | 29.51 | 177.7       | 32.25 | 196.3       | 36.02 | 214.3       | 39.73 |
|        | 18                               | 108.5                        | 18.28 | 131.6       | 22.85 | 155.3       | 27.96 | 166.3       | 30.66 | 177.7       | 33.46 | 196.3       | 37.53 | 214.3       | 42.12 |
|        | 20                               | 108.5                        | 18.91 | 131.6       | 23.69 | 155.3       | 29.11 | 166.3       | 31.88 | 177.7       | 35.27 | 196.3       | 40.34 | 214.3       | 44.70 |
|        | 21                               | 108.5                        | 19.25 | 131.6       | 24.14 | 155.3       | 29.89 | 166.3       | 33.05 | 177.7       | 36.72 | 196.3       | 41.37 | 214.3       | 45.96 |
|        | 23                               | 108.5                        | 20.04 | 131.6       | 25.52 | 155.3       | 32.29 | 166.3       | 35.78 | 177.7       | 39.65 | 196.3       | 44.32 | 214.3       | 49.16 |
|        | 25                               | 108.5                        | 21.35 | 131.6       | 27.51 | 155.3       | 34.89 | 166.3       | 38.69 | 177.7       | 42.62 | 196.3       | 47.52 | 214.3       | 52.17 |
|        | 27                               | 108.5                        | 23.00 | 131.6       | 29.75 | 155.3       | 37.42 | 166.3       | 41.29 | 177.7       | 45.56 | 196.3       | 50.56 | 214.3       | 55.65 |
|        | 29                               | 108.5                        | 24.74 | 131.6       | 31.97 | 155.3       | 40.00 | 166.3       | 44.10 | 177.7       | 48.65 | 196.3       | 53.64 | 214.3       | 58.92 |
|        | 31                               | 108.5                        | 26.72 | 131.6       | 34.08 | 155.3       | 42.61 | 166.3       | 46.98 | 177.7       | 51.87 | 196.3       | 56.58 | 214.3       | 62.34 |
|        | 33                               | 108.5                        | 28.46 | 131.6       | 36.31 | 155.3       | 45.44 | 166.3       | 50.07 | 177.7       | 55.10 | 196.3       | 59.61 | 213.4       | 65.65 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 108.5                        | 30.22 | 131.6       | 38.57 | 155.3       | 48.35 | 166.3       | 53.40 | 177.7       | 58.53 | 196.3       | 63.98 | 211.0       | 69.57 |
|        | 37                              | 108.5                        | 32.12 | 131.6       | 41.06 | 155.3       | 51.56 | 166.3       | 56.79 | 177.7       | 61.99 | 196.3       | 68.09 | 208.6       | 73.19 |
|        | 39                              | 108.5                        | 34.08 | 131.6       | 43.71 | 155.3       | 54.69 | 166.3       | 60.50 | 177.7       | 65.49 | 196.3       | 72.96 | 206.3       | 76.60 |
|        | 41                              | 108.5                        | 38.67 | 131.6       | 49.23 | 155.3       | 61.12 | 166.3       | 67.45 | 177.7       | 71.97 | 195.1       | 78.50 | 200.2       | 80.80 |
|        | 43                              | 108.5                        | 42.73 | 131.6       | 54.44 | 155.3       | 68.10 | 166.3       | 73.76 | 177.7       | 77.99 | 188.5       | 83.13 | 190.9       | 83.86 |
|        | 46                              | 106.0                        | 49.63 | 128.6       | 63.76 | 151.9       | 78.68 | 162.3       | 84.82 | 165.8       | 86.64 | 170.0       | 87.92 | 172.4       | 88.48 |
|        | 48                              | 97.20                        | 45.93 | 118.1       | 59.07 | 138.8       | 72.35 | 145.0       | 76.43 | 146.2       | 77.32 | 150.0       | 77.48 | 152.1       | 77.95 |
|        | 50                              | 88.50                        | 42.18 | 107.8       | 54.04 | 122.5       | 64.32 | 127.9       | 67.67 | 126.9       | 67.58 | 130.2       | 66.63 | 131.9       | 67.00 |
|        | 52                              | 79.80                        | 38.39 | 95.60       | 47.51 | 105.6       | 55.21 | 110.5       | 57.55 | 107.3       | 56.23 | 110.3       | 53.90 | 112.0       | 53.99 |
| 80     | 10                              | 96.30                        | 15.91 | 116.8       | 19.06 | 137.8       | 22.45 | 147.9       | 24.26 | 158.4       | 26.17 | 174.7       | 29.60 | 190.5       | 32.07 |
|        | 12                              | 96.30                        | 16.20 | 116.8       | 19.49 | 137.8       | 23.17 | 147.9       | 25.05 | 158.4       | 27.03 | 174.7       | 30.61 | 190.5       | 33.20 |
|        | 14                              | 96.30                        | 16.41 | 116.8       | 19.90 | 137.8       | 23.69 | 147.9       | 25.68 | 158.4       | 27.80 | 174.7       | 31.69 | 190.5       | 34.39 |
|        | 16                              | 96.30                        | 16.62 | 116.8       | 20.23 | 137.8       | 24.33 | 147.9       | 26.49 | 158.4       | 28.87 | 174.7       | 32.83 | 190.5       | 35.66 |
|        | 18                              | 96.30                        | 16.97 | 116.8       | 20.74 | 137.8       | 25.20 | 147.9       | 27.46 | 158.4       | 29.92 | 174.7       | 33.95 | 190.5       | 36.99 |
|        | 20                              | 96.30                        | 17.42 | 116.8       | 21.47 | 137.8       | 26.21 | 147.9       | 28.54 | 158.4       | 31.12 | 174.7       | 35.74 | 190.5       | 39.54 |
|        | 21                              | 96.30                        | 17.65 | 116.8       | 21.90 | 137.8       | 26.71 | 147.9       | 29.15 | 158.4       | 32.04 | 174.7       | 37.08 | 190.5       | 40.76 |
|        | 23                              | 96.30                        | 18.29 | 116.8       | 22.70 | 137.8       | 28.29 | 147.9       | 31.32 | 158.4       | 34.56 | 174.7       | 39.53 | 190.5       | 43.32 |
|        | 25                              | 96.30                        | 19.25 | 116.8       | 24.47 | 137.8       | 30.67 | 147.9       | 33.80 | 158.4       | 37.39 | 174.7       | 42.72 | 190.5       | 46.62 |
|        | 27                              | 96.30                        | 20.69 | 116.8       | 26.36 | 137.8       | 33.20 | 147.9       | 36.45 | 158.4       | 39.98 | 174.7       | 45.44 | 190.5       | 49.23 |
|        | 29                              | 96.30                        | 22.30 | 116.8       | 28.52 | 137.8       | 35.32 | 147.9       | 38.83 | 158.4       | 42.69 | 174.7       | 48.63 | 190.5       | 51.90 |
|        | 31                              | 96.30                        | 24.07 | 116.8       | 30.41 | 137.8       | 37.68 | 147.9       | 41.41 | 158.4       | 45.45 | 174.7       | 51.67 | 190.5       | 54.70 |
|        | 33                              | 96.30                        | 25.72 | 116.8       | 32.47 | 137.8       | 40.15 | 147.9       | 44.14 | 158.4       | 48.44 | 174.7       | 54.62 | 190.5       | 57.60 |
|        | 35                              | 96.30                        | 27.32 | 116.8       | 34.47 | 137.8       | 42.76 | 147.9       | 47.00 | 158.4       | 51.68 | 174.7       | 57.99 | 190.5       | 61.51 |
|        | 37                              | 96.30                        | 28.95 | 116.8       | 36.67 | 137.8       | 45.44 | 147.9       | 50.03 | 158.4       | 54.96 | 174.7       | 61.39 | 190.5       | 65.46 |
|        | 39                              | 96.30                        | 30.67 | 116.8       | 38.87 | 137.8       | 48.56 | 147.9       | 53.67 | 158.4       | 58.95 | 174.7       | 65.06 | 190.5       | 70.13 |
|        | 41                              | 96.30                        | 34.52 | 116.8       | 43.79 | 137.8       | 54.31 | 147.9       | 59.96 | 158.4       | 65.99 | 174.7       | 71.73 | 190.1       | 77.23 |
|        | 43                              | 96.30                        | 38.73 | 116.8       | 48.80 | 137.8       | 60.49 | 147.9       | 66.71 | 158.4       | 73.33 | 174.7       | 77.97 | 184.5       | 82.16 |
|        | 46                              | 94.20                        | 44.61 | 114.1       | 56.71 | 134.7       | 70.03 | 144.5       | 76.11 | 154.8       | 84.21 | 166.5       | 88.02 | 169.2       | 88.59 |
|        | 48                              | 86.30                        | 41.22 | 104.9       | 52.48 | 124.0       | 64.73 | 133.0       | 70.27 | 139.8       | 76.69 | 146.9       | 77.58 | 149.2       | 78.05 |
|        | 50                              | 78.60                        | 37.81 | 95.70       | 48.20 | 113.2       | 59.19 | 118.3       | 62.76 | 123.5       | 68.09 | 127.4       | 66.72 | 129.5       | 67.08 |
|        | 52                              | 70.80                        | 34.35 | 86.40       | 43.08 | 97.50       | 50.70 | 102.1       | 53.67 | 106.7       | 58.23 | 107.7       | 54.26 | 109.7       | 54.35 |
| 70     | 10                              | 84.30                        | 13.91 | 102.4       | 16.83 | 120.6       | 19.48 | 129.3       | 21.01 | 138.5       | 22.51 | 152.7       | 25.35 | 166.7       | 28.09 |
|        | 12                              | 84.30                        | 14.31 | 102.4       | 17.05 | 120.6       | 20.14 | 129.3       | 21.62 | 138.5       | 23.25 | 152.7       | 26.15 | 166.7       | 29.00 |
|        | 14                              | 84.30                        | 14.52 | 102.4       | 17.31 | 120.6       | 20.50 | 129.3       | 22.05 | 138.5       | 23.77 | 152.7       | 26.89 | 166.7       | 29.81 |
|        | 16                              | 84.30                        | 14.74 | 102.4       | 17.62 | 120.6       | 20.87 | 129.3       | 22.57 | 138.5       | 24.44 | 152.7       | 27.72 | 166.7       | 30.85 |
|        | 18                              | 84.30                        | 14.95 | 102.4       | 17.97 | 120.6       | 21.59 | 129.3       | 23.41 | 138.5       | 25.32 | 152.7       | 28.65 | 166.7       | 31.88 |
|        | 20                              | 84.30                        | 15.20 | 102.4       | 18.55 | 120.6       | 22.30 | 129.3       | 24.29 | 138.5       | 26.35 | 152.7       | 29.81 | 166.7       | 33.57 |
|        | 21                              | 84.30                        | 15.51 | 102.4       | 18.84 | 120.6       | 22.74 | 129.3       | 24.76 | 138.5       | 26.86 | 152.7       | 30.58 | 166.7       | 34.48 |
|        | 23                              | 84.30                        | 15.97 | 102.4       | 19.60 | 120.6       | 23.67 | 129.3       | 26.02 | 138.5       | 28.60 | 152.7       | 32.96 | 166.7       | 36.83 |
|        | 25                              | 84.30                        | 16.49 | 102.4       | 20.66 | 120.6       | 25.57 | 129.3       | 28.17 | 138.5       | 30.85 | 152.7       | 35.61 | 166.7       | 39.18 |
|        | 27                              | 84.30                        | 17.62 | 102.4       | 22.34 | 120.6       | 27.60 | 129.3       | 30.28 | 138.5       | 33.41 | 152.7       | 38.33 | 166.7       | 41.86 |
|        | 29                              | 84.30                        | 19.07 | 102.4       | 24.05 | 120.6       | 29.72 | 129.3       | 32.46 | 138.5       | 35.54 | 152.7       | 40.90 | 166.7       | 44.80 |
|        | 31                              | 84.30                        | 20.57 | 102.4       | 25.97 | 120.6       | 31.70 | 129.3       | 34.69 | 138.5       | 37.92 | 152.7       | 43.60 | 166.7       | 47.60 |
|        | 33                              | 84.30                        | 22.12 | 102.4       | 27.51 | 120.6       | 33.71 | 129.3       | 36.85 | 138.5       | 40.33 | 152.7       | 46.42 | 166.7       | 50.70 |
|        | 35                              | 84.30                        | 23.47 | 102.4       | 29.35 | 120.6       | 35.87 | 129.3       | 39.23 | 138.5       | 42.97 | 152.7       | 49.48 | 166.7       | 53.84 |
|        | 37                              | 84.30                        | 24.96 | 102.4       | 31.13 | 120.6       | 38.14 | 129.3       | 41.77 | 138.5       | 45.76 | 152.7       | 52.69 | 166.7       | 56.98 |
|        | 39                              | 84.30                        | 26.52 | 102.4       | 33.20 | 120.6       | 40.77 | 129.3       | 44.83 | 138.5       | 49.25 | 152.7       | 56.34 | 166.7       | 61.26 |
|        | 41                              | 84.30                        | 29.83 | 102.4       | 37.08 | 120.6       | 45.55 | 129.3       | 50.10 | 138.5       | 54.69 | 152.7       | 63.10 | 166.7       | 67.69 |
|        | 43                              | 84.30                        | 33.18 | 102.4       | 41.27 | 120.6       | 50.72 | 129.3       | 55.75 | 138.5       | 60.91 | 152.7       | 70.38 | 166.7       | 74.93 |
|        | 46                              | 82.40                        | 38.16 | 100.0       | 47.88 | 117.9       | 58.90 | 126.4       | 64.21 | 135.4       | 70.44 | 149.2       | 81.17 | 162.9       | 85.31 |
|        | 48                              | 75.60                        | 35.30 | 92.00       | 44.32 | 108.5       | 54.60 | 116.4       | 59.52 | 124.7       | 65.17 | 137.2       | 74.84 | 148.2       | 77.44 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 68.80                        | 32.41 | 83.80       | 40.71 | 99.10       | 50.25 | 106.3       | 54.35 | 113.2       | 59.33 | 121.7       | 66.73 | 130.7       | 67.98 |
|        | 52                              | 62.10                        | 29.49 | 75.70       | 37.08 | 89.70       | 44.82 | 93.70       | 47.42 | 97.60       | 50.85 | 105.1       | 57.22 | 112.8       | 57.17 |
| 60     | 10                              | 72.20                        | 11.90 | 87.60       | 14.42 | 103.4       | 16.88 | 110.9       | 18.05 | 118.7       | 19.17 | 131.0       | 21.47 | 143.0       | 23.73 |
|        | 12                              | 72.20                        | 12.51 | 87.60       | 14.69 | 103.4       | 17.16 | 110.9       | 18.47 | 118.7       | 19.73 | 131.0       | 22.06 | 143.0       | 24.45 |
|        | 14                              | 72.20                        | 12.63 | 87.60       | 14.91 | 103.4       | 17.51 | 110.9       | 18.81 | 118.7       | 20.12 | 131.0       | 22.57 | 143.0       | 25.03 |
|        | 16                              | 72.20                        | 12.84 | 87.60       | 15.21 | 103.4       | 17.73 | 110.9       | 19.12 | 118.7       | 20.58 | 131.0       | 23.05 | 143.0       | 25.61 |
|        | 18                              | 72.20                        | 13.06 | 87.60       | 15.48 | 103.4       | 18.13 | 110.9       | 19.63 | 118.7       | 21.17 | 131.0       | 23.79 | 143.0       | 26.50 |
|        | 20                              | 72.20                        | 13.26 | 87.60       | 15.78 | 103.4       | 18.74 | 110.9       | 20.27 | 118.7       | 21.91 | 131.0       | 24.66 | 143.0       | 27.56 |
|        | 21                              | 72.20                        | 13.38 | 87.60       | 15.99 | 103.4       | 19.15 | 110.9       | 20.68 | 118.7       | 22.35 | 131.0       | 25.22 | 143.0       | 28.04 |
|        | 23                              | 72.20                        | 13.77 | 87.60       | 16.62 | 103.4       | 19.80 | 110.9       | 21.49 | 118.7       | 23.30 | 131.0       | 26.56 | 143.0       | 30.06 |
|        | 25                              | 72.20                        | 14.24 | 87.60       | 17.27 | 103.4       | 20.93 | 110.9       | 22.90 | 118.7       | 25.04 | 131.0       | 28.71 | 143.0       | 32.44 |
|        | 27                              | 72.20                        | 14.93 | 87.60       | 18.44 | 103.4       | 22.56 | 110.9       | 24.68 | 118.7       | 26.98 | 131.0       | 30.89 | 143.0       | 35.01 |
|        | 29                              | 72.20                        | 16.06 | 87.60       | 19.95 | 103.4       | 24.39 | 110.9       | 26.67 | 118.7       | 29.14 | 131.0       | 33.21 | 143.0       | 37.52 |
|        | 31                              | 72.20                        | 17.35 | 87.60       | 21.55 | 103.4       | 26.22 | 110.9       | 28.57 | 118.7       | 31.03 | 131.0       | 35.41 | 143.0       | 39.94 |
|        | 33                              | 72.20                        | 18.69 | 87.60       | 23.07 | 103.4       | 27.87 | 110.9       | 30.35 | 118.7       | 33.06 | 131.0       | 37.67 | 143.0       | 42.60 |
|        | 35                              | 72.20                        | 19.95 | 87.60       | 24.56 | 103.4       | 29.65 | 110.9       | 32.27 | 118.7       | 35.12 | 131.0       | 40.14 | 143.0       | 45.30 |
|        | 37                              | 72.20                        | 21.11 | 87.60       | 25.97 | 103.4       | 31.47 | 110.9       | 34.31 | 118.7       | 37.31 | 131.0       | 42.65 | 143.0       | 48.21 |
|        | 39                              | 72.20                        | 22.53 | 87.60       | 27.68 | 103.4       | 33.86 | 110.9       | 36.75 | 118.7       | 40.06 | 131.0       | 45.68 | 143.0       | 51.61 |
|        | 41                              | 72.20                        | 24.97 | 87.60       | 30.87 | 103.4       | 37.55 | 110.9       | 40.96 | 118.7       | 44.42 | 131.0       | 51.10 | 143.0       | 57.37 |
|        | 43                              | 72.20                        | 27.72 | 87.60       | 34.32 | 103.4       | 41.78 | 110.9       | 45.55 | 118.7       | 49.40 | 131.0       | 56.96 | 143.0       | 64.01 |
|        | 46                              | 70.60                        | 32.07 | 85.70       | 39.78 | 101.1       | 48.45 | 108.4       | 52.79 | 116.0       | 57.31 | 128.1       | 66.21 | 139.7       | 75.14 |
|        | 48                              | 64.70                        | 29.69 | 78.60       | 36.85 | 93.10       | 44.94 | 99.80       | 48.95 | 106.8       | 53.17 | 117.8       | 61.26 | 128.2       | 69.11 |
|        | 50                              | 58.90                        | 27.27 | 71.70       | 33.90 | 85.00       | 41.38 | 91.10       | 45.06 | 97.60       | 49.00 | 107.4       | 55.91 | 116.8       | 62.90 |
|        | 52                              | 53.10                        | 24.86 | 64.80       | 30.91 | 76.90       | 37.79 | 82.50       | 40.38 | 88.40       | 43.74 | 95.10       | 48.98 | 101.7       | 54.29 |
| 50     | 10                              | 60.30                        | 10.16 | 73.20       | 12.08 | 86.20       | 14.18 | 92.40       | 15.23 | 98.80       | 16.14 | 109.0       | 17.91 | 119.2       | 19.65 |
|        | 12                              | 60.30                        | 10.83 | 73.20       | 12.55 | 86.20       | 14.41 | 92.40       | 15.45 | 98.80       | 16.50 | 109.0       | 18.34 | 119.2       | 20.18 |
|        | 14                              | 60.30                        | 10.95 | 73.20       | 12.77 | 86.20       | 14.66 | 92.40       | 15.68 | 98.80       | 16.72 | 109.0       | 18.57 | 119.2       | 20.51 |
|        | 16                              | 60.30                        | 11.17 | 73.20       | 12.98 | 86.20       | 14.89 | 92.40       | 15.97 | 98.80       | 16.98 | 109.0       | 18.92 | 119.2       | 20.82 |
|        | 18                              | 60.30                        | 11.26 | 73.20       | 13.11 | 86.20       | 15.10 | 92.40       | 16.24 | 98.80       | 17.30 | 109.0       | 19.36 | 119.2       | 21.42 |
|        | 20                              | 60.30                        | 11.38 | 73.20       | 13.33 | 86.20       | 15.51 | 92.40       | 16.64 | 98.80       | 17.90 | 109.0       | 19.99 | 119.2       | 22.21 |
|        | 21                              | 60.30                        | 11.48 | 73.20       | 13.47 | 86.20       | 15.78 | 92.40       | 17.00 | 98.80       | 18.21 | 109.0       | 20.39 | 119.2       | 22.58 |
|        | 23                              | 60.30                        | 11.75 | 73.20       | 13.88 | 86.20       | 16.27 | 92.40       | 17.55 | 98.80       | 18.92 | 109.0       | 21.16 | 119.2       | 23.48 |
|        | 25                              | 60.30                        | 12.05 | 73.20       | 14.35 | 86.20       | 16.98 | 92.40       | 18.31 | 98.80       | 19.86 | 109.0       | 22.51 | 119.2       | 25.34 |
|        | 27                              | 60.30                        | 12.50 | 73.20       | 15.08 | 86.20       | 18.18 | 92.40       | 19.73 | 98.80       | 21.38 | 109.0       | 24.35 | 119.2       | 27.33 |
|        | 29                              | 60.30                        | 13.37 | 73.20       | 16.30 | 86.20       | 19.60 | 92.40       | 21.30 | 98.80       | 23.10 | 109.0       | 26.26 | 119.2       | 29.41 |
|        | 31                              | 60.30                        | 14.34 | 73.20       | 17.55 | 86.20       | 21.18 | 92.40       | 22.98 | 98.80       | 24.96 | 109.0       | 28.18 | 119.2       | 31.48 |
|        | 33                              | 60.30                        | 15.49 | 73.20       | 18.99 | 86.20       | 22.63 | 92.40       | 24.47 | 98.80       | 26.51 | 109.0       | 29.94 | 119.2       | 33.54 |
|        | 35                              | 60.30                        | 16.65 | 73.20       | 20.14 | 86.20       | 24.03 | 92.40       | 26.01 | 98.80       | 28.09 | 109.0       | 31.74 | 119.2       | 35.65 |
|        | 37                              | 60.30                        | 17.72 | 73.20       | 21.41 | 86.20       | 25.47 | 92.40       | 27.58 | 98.80       | 29.80 | 109.0       | 33.85 | 119.2       | 37.89 |
|        | 39                              | 60.30                        | 18.89 | 73.20       | 22.90 | 86.20       | 27.25 | 92.40       | 29.61 | 98.80       | 31.93 | 109.0       | 36.07 | 119.2       | 40.80 |
|        | 41                              | 60.30                        | 20.88 | 73.20       | 25.33 | 86.20       | 30.37 | 92.40       | 32.77 | 98.80       | 35.33 | 109.0       | 40.32 | 119.2       | 45.32 |
|        | 43                              | 60.30                        | 23.18 | 73.20       | 28.13 | 86.20       | 33.73 | 92.40       | 36.43 | 98.80       | 39.27 | 109.0       | 44.88 | 119.2       | 50.50 |
|        | 46                              | 58.90                        | 26.82 | 71.60       | 32.57 | 84.30       | 39.04 | 90.30       | 42.19 | 96.50       | 45.45 | 106.6       | 52.10 | 116.5       | 58.72 |
|        | 48                              | 54.00                        | 24.87 | 65.70       | 30.20 | 77.60       | 36.22 | 83.20       | 39.16 | 88.90       | 42.19 | 98.00       | 48.24 | 106.9       | 54.21 |
|        | 50                              | 49.20                        | 22.93 | 59.90       | 27.83 | 70.90       | 33.37 | 75.90       | 36.08 | 81.20       | 38.88 | 89.40       | 44.33 | 97.40       | 49.65 |
|        | 52                              | 44.40                        | 20.98 | 54.10       | 25.44 | 64.10       | 30.50 | 68.80       | 32.98 | 73.50       | 35.57 | 80.90       | 39.75 | 87.90       | 44.28 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM680LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 176.9                        | 26.61 | 213.8       | 33.24 | 237.6       | 40.35 | 247.6       | 42.50 | 258.2       | 44.74 | 272.0       | 46.63 | 280.7       | 47.99 |
|        | 12                         | 176.9                        | 27.56 | 213.8       | 34.86 | 237.6       | 42.57 | 247.6       | 44.43 | 258.2       | 46.82 | 272.0       | 48.70 | 280.7       | 50.28 |
|        | 14                         | 176.9                        | 28.58 | 213.8       | 36.58 | 237.6       | 44.82 | 247.6       | 46.84 | 258.2       | 49.07 | 272.0       | 51.09 | 280.7       | 52.91 |
|        | 16                         | 176.9                        | 29.84 | 213.8       | 38.36 | 237.6       | 47.45 | 247.6       | 49.48 | 258.2       | 51.89 | 272.0       | 54.10 | 280.7       | 55.99 |
|        | 18                         | 176.9                        | 31.40 | 213.8       | 40.86 | 237.6       | 50.06 | 247.6       | 52.81 | 258.2       | 55.36 | 272.0       | 57.56 | 280.7       | 59.25 |
|        | 20                         | 176.9                        | 33.18 | 213.8       | 43.85 | 237.6       | 53.16 | 247.6       | 57.83 | 258.2       | 60.27 | 272.0       | 63.28 | 280.7       | 64.67 |
|        | 21                         | 176.9                        | 34.22 | 213.8       | 45.47 | 237.6       | 54.48 | 247.6       | 60.77 | 258.2       | 63.27 | 272.0       | 66.52 | 280.7       | 67.93 |
|        | 23                         | 176.9                        | 36.92 | 213.8       | 48.44 | 237.6       | 57.61 | 247.6       | 66.43 | 258.2       | 69.92 | 272.0       | 73.04 | 280.7       | 74.49 |
|        | 25                         | 176.9                        | 39.82 | 213.8       | 51.57 | 237.6       | 61.54 | 247.6       | 73.64 | 258.2       | 77.22 | 272.0       | 80.45 | 280.7       | 81.93 |
|        | 27                         | 176.9                        | 42.94 | 213.8       | 55.09 | 237.6       | 66.28 | 247.6       | 81.65 | 258.2       | 84.77 | 272.0       | 88.28 | 280.7       | 90.00 |
|        | 29                         | 176.9                        | 45.76 | 213.8       | 58.85 | 237.6       | 72.26 | 247.6       | 89.84 | 258.2       | 93.17 | 272.0       | 96.83 | 280.7       | 98.27 |
|        | 31                         | 176.9                        | 48.82 | 213.8       | 62.33 | 237.6       | 77.88 | 247.6       | 91.78 | 258.2       | 95.27 | 270.6       | 98.65 | 279.9       | 100.4 |
|        | 33                         | 176.9                        | 52.03 | 213.8       | 67.04 | 237.6       | 84.20 | 247.6       | 93.46 | 258.0       | 97.04 | 267.3       | 99.33 | 272.1       | 99.62 |
|        | 35                         | 176.9                        | 55.48 | 213.8       | 71.46 | 237.6       | 91.86 | 246.8       | 94.85 | 254.3       | 97.24 | 259.1       | 97.87 | 264.3       | 98.15 |
|        | 37                         | 176.9                        | 59.17 | 213.8       | 76.13 | 236.4       | 92.86 | 243.2       | 94.87 | 246.1       | 95.29 | 250.8       | 95.90 | 256.2       | 96.15 |
|        | 39                         | 176.9                        | 63.03 | 213.8       | 81.53 | 232.7       | 91.76 | 235.6       | 92.08 | 238.0       | 92.46 | 243.2       | 93.07 | 248.6       | 93.34 |
|        | 41                         | 176.9                        | 68.87 | 209.2       | 87.00 | 221.1       | 89.77 | 223.4       | 90.10 | 226.4       | 90.48 | 231.3       | 91.07 | 236.0       | 91.36 |
|        | 43                         | 176.9                        | 74.87 | 202.8       | 87.05 | 209.6       | 88.04 | 211.9       | 88.36 | 214.9       | 88.75 | 219.9       | 89.37 | 224.2       | 89.60 |
|        | 46                         | 172.5                        | 83.23 | 184.7       | 85.57 | 189.4       | 85.90 | 191.6       | 86.22 | 194.6       | 86.60 | 199.1       | 87.18 | 203.2       | 87.48 |
|        | 48                         | 157.7                        | 83.08 | 162.5       | 84.09 | 166.8       | 84.20 | 168.8       | 84.37 | 171.5       | 84.96 | 175.4       | 85.37 | 179.0       | 85.62 |
|        | 50                         | 140.9                        | 81.87 | 140.8       | 82.36 | 144.5       | 82.28 | 146.3       | 82.32 | 148.5       | 83.02 | 152.0       | 83.24 | 155.0       | 83.50 |
|        | 52                         | 121.0                        | 78.68 | 118.7       | 79.08 | 122.4       | 77.99 | 123.8       | 77.67 | 125.8       | 78.38 | 128.8       | 78.25 | 131.4       | 78.40 |
| 120    | 10                         | 160.8                        | 24.00 | 194.2       | 29.88 | 219.0       | 36.67 | 228.4       | 40.22 | 238.6       | 42.28 | 252.2       | 43.92 | 260.2       | 45.46 |
|        | 12                         | 160.8                        | 24.89 | 194.2       | 31.25 | 219.0       | 38.65 | 228.4       | 41.80 | 238.6       | 44.51 | 252.2       | 46.55 | 260.2       | 48.08 |
|        | 14                         | 160.8                        | 25.85 | 194.2       | 32.72 | 219.0       | 40.75 | 228.4       | 44.02 | 238.6       | 46.87 | 252.2       | 48.92 | 260.2       | 50.45 |
|        | 16                         | 160.8                        | 26.78 | 194.2       | 34.36 | 219.0       | 42.93 | 228.4       | 46.35 | 238.6       | 49.47 | 252.2       | 51.54 | 260.2       | 53.26 |
|        | 18                         | 160.8                        | 28.13 | 194.2       | 36.29 | 219.0       | 45.29 | 228.4       | 49.18 | 238.6       | 52.45 | 252.2       | 54.72 | 260.2       | 56.39 |
|        | 20                         | 160.8                        | 29.53 | 194.2       | 38.81 | 219.0       | 48.07 | 228.4       | 52.34 | 238.6       | 55.68 | 252.2       | 57.98 | 260.2       | 59.59 |
|        | 21                         | 160.8                        | 30.55 | 194.2       | 40.31 | 219.0       | 49.69 | 228.4       | 53.97 | 238.6       | 57.48 | 252.2       | 59.86 | 260.2       | 61.73 |
|        | 23                         | 160.8                        | 32.94 | 194.2       | 43.45 | 219.0       | 53.40 | 228.4       | 57.50 | 238.6       | 61.37 | 252.2       | 63.73 | 260.2       | 65.40 |
|        | 25                         | 160.8                        | 35.50 | 194.2       | 46.93 | 219.0       | 56.44 | 228.4       | 61.31 | 238.6       | 65.79 | 252.2       | 68.69 | 260.2       | 70.20 |
|        | 27                         | 160.8                        | 38.32 | 194.2       | 50.15 | 219.0       | 60.33 | 228.4       | 65.57 | 238.6       | 70.83 | 252.2       | 74.11 | 260.2       | 75.67 |
|        | 29                         | 160.8                        | 40.98 | 194.2       | 53.51 | 219.0       | 63.71 | 228.4       | 70.33 | 238.6       | 76.17 | 252.2       | 80.11 | 260.2       | 81.59 |
|        | 31                         | 160.8                        | 43.69 | 194.2       | 57.13 | 219.0       | 67.27 | 228.4       | 75.99 | 238.6       | 82.14 | 252.2       | 86.54 | 260.2       | 88.28 |
|        | 33                         | 160.8                        | 46.52 | 194.2       | 60.90 | 219.0       | 72.04 | 228.4       | 83.16 | 238.6       | 88.92 | 252.2       | 93.24 | 260.2       | 95.11 |
|        | 35                         | 160.8                        | 49.50 | 194.2       | 64.94 | 219.0       | 77.44 | 228.4       | 91.85 | 238.6       | 95.27 | 252.0       | 99.20 | 256.8       | 99.86 |
|        | 37                         | 160.8                        | 53.15 | 194.2       | 68.71 | 219.0       | 83.51 | 228.4       | 92.76 | 238.1       | 96.02 | 243.9       | 96.72 | 248.4       | 97.26 |
|        | 39                         | 160.8                        | 57.10 | 194.2       | 72.99 | 219.0       | 89.15 | 228.1       | 92.55 | 231.3       | 93.19 | 236.4       | 93.38 | 241.0       | 93.91 |
|        | 41                         | 160.8                        | 62.85 | 194.2       | 80.46 | 215.3       | 89.79 | 217.4       | 90.35 | 219.6       | 90.67 | 224.1       | 90.86 | 228.7       | 91.39 |
|        | 43                         | 160.8                        | 68.98 | 193.2       | 82.99 | 204.0       | 87.48 | 206.2       | 88.10 | 208.3       | 88.40 | 212.7       | 88.60 | 217.3       | 89.15 |
|        | 46                         | 157.0                        | 77.45 | 179.7       | 82.96 | 184.4       | 84.60 | 186.2       | 85.12 | 188.4       | 85.47 | 192.6       | 85.66 | 196.8       | 86.17 |
|        | 48                         | 143.6                        | 77.66 | 158.3       | 81.81 | 162.5       | 83.37 | 164.1       | 83.77 | 166.0       | 83.95 | 169.6       | 84.20 | 173.4       | 84.44 |
|        | 50                         | 130.0                        | 77.85 | 137.0       | 80.47 | 140.7       | 81.88 | 142.1       | 82.12 | 143.7       | 82.22 | 147.1       | 82.54 | 150.3       | 82.48 |
|        | 52                         | 112.9                        | 75.75 | 115.5       | 77.92 | 119.2       | 78.37 | 120.4       | 78.31 | 121.8       | 78.08 | 124.6       | 78.33 | 127.4       | 77.97 |
| 110    | 10                         | 145.0                        | 21.69 | 175.3       | 26.67 | 201.0       | 32.49 | 209.4       | 35.55 | 223.7       | 38.89 | 231.5       | 40.90 | 245.6       | 42.44 |
|        | 12                         | 145.0                        | 22.54 | 175.3       | 27.87 | 201.0       | 34.25 | 209.4       | 37.13 | 223.7       | 40.93 | 231.5       | 43.23 | 245.6       | 45.07 |
|        | 14                         | 145.0                        | 23.25 | 175.3       | 29.25 | 201.0       | 36.22 | 209.4       | 39.41 | 223.7       | 43.49 | 231.5       | 45.82 | 245.6       | 47.73 |
|        | 16                         | 145.0                        | 24.03 | 175.3       | 30.64 | 201.0       | 38.23 | 209.4       | 41.69 | 223.7       | 46.09 | 231.5       | 48.37 | 245.6       | 50.20 |
|        | 18                         | 145.0                        | 25.10 | 175.3       | 32.25 | 201.0       | 40.84 | 209.4       | 44.40 | 223.7       | 48.94 | 231.5       | 51.21 | 245.6       | 53.12 |
|        | 20                         | 145.0                        | 26.32 | 175.3       | 34.25 | 201.0       | 43.57 | 209.4       | 46.91 | 223.7       | 51.94 | 231.5       | 54.49 | 245.6       | 56.23 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 145.0                        | 27.07 | 175.3       | 35.41 | 201.0       | 44.87 | 209.4       | 48.43 | 223.7       | 53.62 | 231.5       | 56.08 | 245.6       | 57.96 |
|        | 23                               | 145.0                        | 29.08 | 175.3       | 38.25 | 201.0       | 47.97 | 209.4       | 51.44 | 223.7       | 56.81 | 231.5       | 59.25 | 245.6       | 61.24 |
|        | 25                               | 145.0                        | 31.39 | 175.3       | 41.14 | 201.0       | 50.82 | 209.4       | 54.57 | 223.7       | 60.19 | 231.5       | 62.53 | 245.6       | 65.39 |
|        | 27                               | 145.0                        | 33.86 | 175.3       | 44.23 | 201.0       | 53.97 | 209.4       | 57.89 | 223.7       | 63.32 | 231.5       | 66.19 | 245.6       | 69.78 |
|        | 29                               | 145.0                        | 36.49 | 175.3       | 47.21 | 201.0       | 57.17 | 209.4       | 61.58 | 223.7       | 67.33 | 231.5       | 70.07 | 245.6       | 73.98 |
|        | 31                               | 145.0                        | 38.81 | 175.3       | 50.33 | 201.0       | 60.56 | 209.4       | 65.38 | 223.7       | 71.90 | 231.5       | 74.57 | 245.6       | 78.65 |
|        | 33                               | 145.0                        | 41.38 | 175.3       | 53.60 | 201.0       | 64.14 | 209.4       | 69.40 | 223.7       | 76.96 | 231.5       | 79.55 | 245.6       | 83.42 |
|        | 35                               | 145.0                        | 44.00 | 175.3       | 57.23 | 201.0       | 67.93 | 209.4       | 73.73 | 223.7       | 82.41 | 231.5       | 84.64 | 245.4       | 88.61 |
|        | 37                               | 145.0                        | 46.69 | 175.3       | 60.81 | 201.0       | 71.95 | 209.4       | 79.12 | 223.7       | 88.17 | 231.5       | 89.97 | 240.6       | 91.89 |
|        | 39                               | 145.0                        | 50.23 | 175.3       | 64.68 | 201.0       | 77.22 | 209.4       | 85.17 | 223.7       | 92.40 | 227.6       | 92.51 | 233.3       | 93.01 |
|        | 41                               | 145.0                        | 55.33 | 175.3       | 70.54 | 201.0       | 84.09 | 209.4       | 94.04 | 212.9       | 94.77 | 217.2       | 95.31 | 221.2       | 95.89 |
|        | 43                               | 145.0                        | 59.93 | 175.3       | 75.96 | 197.6       | 90.26 | 200.0       | 91.06 | 201.8       | 90.91 | 206.1       | 91.27 | 209.9       | 91.46 |
|        | 46                               | 141.4                        | 62.40 | 171.3       | 77.50 | 178.4       | 86.03 | 180.6       | 86.02 | 182.2       | 86.58 | 186.4       | 86.96 | 189.7       | 87.10 |
|        | 48                               | 129.4                        | 62.48 | 153.9       | 76.61 | 157.1       | 82.82 | 159.3       | 83.26 | 160.7       | 83.54 | 164.2       | 83.72 | 167.4       | 83.97 |
|        | 50                               | 117.4                        | 62.41 | 133.6       | 74.15 | 136.1       | 79.32 | 137.9       | 80.18 | 139.3       | 80.21 | 142.3       | 80.20 | 145.1       | 80.54 |
|        | 52                               | 104.7                        | 61.40 | 112.6       | 70.59 | 115.2       | 74.18 | 116.9       | 75.32 | 118.0       | 74.93 | 120.4       | 74.59 | 123.0       | 74.78 |
| 100    | 10                               | 124.4                        | 19.63 | 150.5       | 23.93 | 177.8       | 28.88 | 190.4       | 31.46 | 203.5       | 34.24 | 222.9       | 38.19 | 229.3       | 39.20 |
|        | 12                               | 124.4                        | 20.38 | 150.5       | 25.12 | 177.8       | 30.23 | 190.4       | 32.79 | 203.5       | 35.86 | 222.9       | 40.66 | 229.3       | 41.82 |
|        | 14                               | 124.4                        | 20.98 | 150.5       | 26.20 | 177.8       | 31.88 | 190.4       | 34.64 | 203.5       | 37.89 | 222.9       | 43.36 | 229.3       | 44.58 |
|        | 16                               | 124.4                        | 21.54 | 150.5       | 27.22 | 177.8       | 33.57 | 190.4       | 36.71 | 203.5       | 40.37 | 222.9       | 46.00 | 229.3       | 47.48 |
|        | 18                               | 124.4                        | 22.29 | 150.5       | 28.57 | 177.8       | 35.32 | 190.4       | 38.85 | 203.5       | 43.23 | 222.9       | 48.95 | 229.3       | 50.25 |
|        | 20                               | 124.4                        | 23.33 | 150.5       | 30.01 | 177.8       | 37.69 | 190.4       | 41.86 | 203.5       | 46.41 | 222.9       | 51.82 | 229.3       | 53.28 |
|        | 21                               | 124.4                        | 23.95 | 150.5       | 30.89 | 177.8       | 39.11 | 190.4       | 43.49 | 203.5       | 48.29 | 222.9       | 53.35 | 229.3       | 54.77 |
|        | 23                               | 124.4                        | 25.63 | 150.5       | 33.29 | 177.8       | 42.27 | 190.4       | 46.96 | 203.5       | 51.94 | 222.9       | 56.23 | 229.3       | 57.66 |
|        | 25                               | 124.4                        | 27.51 | 150.5       | 35.84 | 177.8       | 45.55 | 190.4       | 50.45 | 203.5       | 55.54 | 222.9       | 59.00 | 229.3       | 60.86 |
|        | 27                               | 124.4                        | 29.68 | 150.5       | 38.71 | 177.8       | 48.70 | 190.4       | 53.87 | 203.5       | 59.29 | 222.9       | 63.26 | 229.3       | 64.71 |
|        | 29                               | 124.4                        | 32.00 | 150.5       | 41.30 | 177.8       | 51.99 | 190.4       | 57.54 | 203.5       | 62.86 | 222.9       | 67.15 | 229.3       | 68.80 |
|        | 31                               | 124.4                        | 34.30 | 150.5       | 44.05 | 177.8       | 55.43 | 190.4       | 61.38 | 203.5       | 66.30 | 222.9       | 71.03 | 229.3       | 72.80 |
|        | 33                               | 124.4                        | 36.42 | 150.5       | 46.93 | 177.8       | 59.13 | 190.4       | 65.49 | 203.5       | 69.30 | 222.9       | 75.13 | 229.3       | 77.00 |
|        | 35                               | 124.4                        | 38.76 | 150.5       | 49.96 | 177.8       | 62.99 | 190.4       | 69.84 | 203.5       | 73.23 | 222.1       | 79.32 | 229.1       | 81.23 |
|        | 37                               | 124.4                        | 41.47 | 150.5       | 53.51 | 177.8       | 66.85 | 190.4       | 73.55 | 203.5       | 78.03 | 219.3       | 83.56 | 225.9       | 85.44 |
|        | 39                               | 124.4                        | 44.41 | 150.5       | 57.38 | 177.8       | 70.97 | 190.4       | 77.53 | 203.5       | 82.95 | 216.7       | 86.75 | 222.9       | 88.29 |
|        | 41                               | 124.4                        | 48.36 | 150.5       | 62.57 | 177.8       | 76.68 | 190.4       | 84.10 | 203.5       | 88.67 | 208.4       | 89.50 | 213.3       | 90.12 |
|        | 43                               | 124.4                        | 53.11 | 150.5       | 68.80 | 177.8       | 82.63 | 190.4       | 90.37 | 192.9       | 91.00 | 197.2       | 91.24 | 200.8       | 91.89 |
|        | 46                               | 121.4                        | 59.64 | 147.1       | 77.01 | 171.8       | 89.84 | 172.9       | 93.37 | 174.1       | 93.59 | 178.1       | 93.81 | 181.4       | 94.48 |
|        | 48                               | 111.2                        | 54.54 | 134.9       | 70.44 | 151.0       | 79.68 | 152.3       | 82.23 | 153.5       | 82.43 | 156.9       | 82.57 | 160.1       | 83.07 |
|        | 50                               | 101.2                        | 49.38 | 122.0       | 63.16 | 130.0       | 69.01 | 132.2       | 70.61 | 132.9       | 70.79 | 136.1       | 70.84 | 138.7       | 71.16 |
|        | 52                               | 91.00                        | 43.36 | 105.1       | 53.26 | 108.8       | 57.03 | 111.8       | 57.38 | 112.6       | 57.30 | 115.4       | 57.05 | 117.6       | 56.95 |
| 90     | 10                               | 111.9                        | 18.30 | 135.6       | 21.98 | 160.0       | 26.17 | 171.4       | 28.37 | 183.0       | 30.80 | 202.3       | 34.38 | 221.0       | 37.61 |
|        | 12                               | 111.9                        | 18.57 | 135.6       | 22.57 | 160.0       | 27.02 | 171.4       | 29.37 | 183.0       | 31.96 | 202.3       | 35.64 | 221.0       | 39.37 |
|        | 14                               | 111.9                        | 18.89 | 135.6       | 23.09 | 160.0       | 27.84 | 171.4       | 30.42 | 183.0       | 33.11 | 202.3       | 36.95 | 221.0       | 40.84 |
|        | 16                               | 111.9                        | 19.25 | 135.6       | 23.55 | 160.0       | 28.83 | 171.4       | 31.45 | 183.0       | 34.34 | 202.3       | 38.36 | 221.0       | 42.32 |
|        | 18                               | 111.9                        | 19.55 | 135.6       | 24.40 | 160.0       | 29.79 | 171.4       | 32.65 | 183.0       | 35.59 | 202.3       | 39.92 | 221.0       | 44.84 |
|        | 20                               | 111.9                        | 20.21 | 135.6       | 25.27 | 160.0       | 30.98 | 171.4       | 33.90 | 183.0       | 37.48 | 202.3       | 42.89 | 221.0       | 47.55 |
|        | 21                               | 111.9                        | 20.57 | 135.6       | 25.73 | 160.0       | 31.80 | 171.4       | 35.14 | 183.0       | 39.01 | 202.3       | 43.97 | 221.0       | 48.88 |
|        | 23                               | 111.9                        | 21.38 | 135.6       | 27.18 | 160.0       | 34.32 | 171.4       | 38.02 | 183.0       | 42.10 | 202.3       | 47.08 | 221.0       | 52.26 |
|        | 25                               | 111.9                        | 22.76 | 135.6       | 29.29 | 160.0       | 37.06 | 171.4       | 41.09 | 183.0       | 45.24 | 202.3       | 50.47 | 221.0       | 55.45 |
|        | 27                               | 111.9                        | 24.51 | 135.6       | 31.64 | 160.0       | 39.75 | 171.4       | 43.85 | 183.0       | 48.37 | 202.3       | 53.69 | 221.0       | 59.13 |
|        | 29                               | 111.9                        | 26.33 | 135.6       | 33.98 | 160.0       | 42.49 | 171.4       | 46.84 | 183.0       | 51.65 | 202.3       | 56.95 | 221.0       | 62.60 |
|        | 31                               | 111.9                        | 28.42 | 135.6       | 36.23 | 160.0       | 45.25 | 171.4       | 49.89 | 183.0       | 55.07 | 202.3       | 60.06 | 221.0       | 66.21 |
|        | 33                               | 111.9                        | 30.27 | 135.6       | 38.60 | 160.0       | 48.26 | 171.4       | 53.17 | 183.0       | 58.50 | 202.3       | 63.26 | 220.0       | 69.70 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 111.9                        | 32.14 | 135.6       | 40.99 | 160.0       | 51.35 | 171.4       | 56.71 | 183.0       | 62.13 | 202.3       | 67.91 | 217.6       | 73.86 |
|        | 37                              | 111.9                        | 34.15 | 135.6       | 43.64 | 160.0       | 54.76 | 171.4       | 60.31 | 183.0       | 65.79 | 202.3       | 72.26 | 215.0       | 77.67 |
|        | 39                              | 111.9                        | 36.24 | 135.6       | 46.45 | 160.0       | 58.07 | 171.4       | 64.24 | 183.0       | 69.48 | 202.3       | 77.43 | 212.6       | 81.27 |
|        | 41                              | 111.9                        | 41.19 | 135.6       | 52.40 | 160.0       | 64.99 | 171.4       | 71.71 | 183.0       | 76.47 | 201.1       | 83.45 | 206.2       | 85.87 |
|        | 43                              | 111.9                        | 45.56 | 135.6       | 58.01 | 160.0       | 72.51 | 171.4       | 78.55 | 183.0       | 83.01 | 194.2       | 88.52 | 196.8       | 89.31 |
|        | 46                              | 109.3                        | 53.00 | 132.6       | 68.07 | 156.4       | 84.00 | 167.1       | 90.57 | 170.9       | 92.55 | 175.2       | 93.95 | 177.7       | 94.55 |
|        | 48                              | 100.1                        | 48.93 | 121.6       | 62.90 | 142.8       | 77.09 | 149.3       | 81.53 | 150.5       | 82.50 | 154.5       | 82.67 | 156.7       | 83.19 |
|        | 50                              | 91.10                        | 44.79 | 110.8       | 57.38 | 126.0       | 68.45 | 131.6       | 72.10 | 130.6       | 72.00 | 134.0       | 70.97 | 135.8       | 71.37 |
|        | 52                              | 81.90                        | 40.59 | 98.10       | 50.34 | 108.5       | 58.71 | 113.7       | 61.28 | 110.3       | 59.87 | 113.4       | 57.34 | 115.2       | 57.47 |
| 80     | 10                              | 99.30                        | 17.03 | 120.4       | 20.40 | 142.0       | 24.03 | 152.4       | 25.96 | 163.2       | 27.99 | 180.0       | 31.69 | 196.5       | 34.33 |
|        | 12                              | 99.30                        | 17.34 | 120.4       | 20.85 | 142.0       | 24.78 | 152.4       | 26.79 | 163.2       | 28.89 | 180.0       | 32.73 | 196.5       | 35.50 |
|        | 14                              | 99.30                        | 17.57 | 120.4       | 21.29 | 142.0       | 25.32 | 152.4       | 27.44 | 163.2       | 29.68 | 180.0       | 33.85 | 196.5       | 36.74 |
|        | 16                              | 99.30                        | 17.79 | 120.4       | 21.64 | 142.0       | 26.00 | 152.4       | 28.29 | 163.2       | 30.80 | 180.0       | 35.04 | 196.5       | 38.06 |
|        | 18                              | 99.30                        | 18.17 | 120.4       | 22.18 | 142.0       | 26.89 | 152.4       | 29.28 | 163.2       | 31.88 | 180.0       | 36.19 | 196.5       | 39.43 |
|        | 20                              | 99.30                        | 18.64 | 120.4       | 22.94 | 142.0       | 27.95 | 152.4       | 30.41 | 163.2       | 33.13 | 180.0       | 38.07 | 196.5       | 42.13 |
|        | 21                              | 99.30                        | 18.88 | 120.4       | 23.38 | 142.0       | 28.45 | 152.4       | 31.03 | 163.2       | 34.09 | 180.0       | 39.49 | 196.5       | 43.42 |
|        | 23                              | 99.30                        | 19.54 | 120.4       | 24.21 | 142.0       | 30.11 | 152.4       | 33.33 | 163.2       | 36.75 | 180.0       | 42.07 | 196.5       | 46.11 |
|        | 25                              | 99.30                        | 20.55 | 120.4       | 26.08 | 142.0       | 32.62 | 152.4       | 35.95 | 163.2       | 39.74 | 180.0       | 45.44 | 196.5       | 49.61 |
|        | 27                              | 99.30                        | 22.07 | 120.4       | 28.07 | 142.0       | 35.30 | 152.4       | 38.75 | 163.2       | 42.49 | 180.0       | 48.33 | 196.5       | 52.37 |
|        | 29                              | 99.30                        | 23.76 | 120.4       | 30.34 | 142.0       | 37.55 | 152.4       | 41.27 | 163.2       | 45.36 | 180.0       | 51.72 | 196.5       | 55.20 |
|        | 31                              | 99.30                        | 25.62 | 120.4       | 32.35 | 142.0       | 40.05 | 152.4       | 44.01 | 163.2       | 48.30 | 180.0       | 54.95 | 196.5       | 58.16 |
|        | 33                              | 99.30                        | 27.37 | 120.4       | 34.54 | 142.0       | 42.67 | 152.4       | 46.92 | 163.2       | 51.47 | 180.0       | 58.08 | 196.5       | 61.23 |
|        | 35                              | 99.30                        | 29.06 | 120.4       | 36.66 | 142.0       | 45.45 | 152.4       | 49.95 | 163.2       | 54.92 | 180.0       | 61.66 | 196.5       | 65.39 |
|        | 37                              | 99.30                        | 30.80 | 120.4       | 39.00 | 142.0       | 48.29 | 152.4       | 53.17 | 163.2       | 58.40 | 180.0       | 65.26 | 196.5       | 69.59 |
|        | 39                              | 99.30                        | 32.62 | 120.4       | 41.33 | 142.0       | 51.61 | 152.4       | 57.04 | 163.2       | 62.64 | 180.0       | 69.15 | 196.5       | 74.56 |
|        | 41                              | 99.30                        | 36.78 | 120.4       | 46.64 | 142.0       | 57.80 | 152.4       | 63.82 | 163.2       | 70.22 | 180.0       | 76.32 | 196.1       | 82.21 |
|        | 43                              | 99.30                        | 41.32 | 120.4       | 52.04 | 142.0       | 64.46 | 152.4       | 71.10 | 163.2       | 78.15 | 180.0       | 83.09 | 190.1       | 87.57 |
|        | 46                              | 97.10                        | 47.66 | 117.6       | 60.57 | 138.8       | 74.78 | 148.8       | 81.28 | 159.4       | 89.97 | 171.6       | 94.06 | 174.4       | 94.68 |
|        | 48                              | 88.90                        | 43.93 | 108.0       | 55.92 | 127.6       | 68.94 | 136.8       | 74.86 | 143.9       | 81.81 | 151.3       | 82.79 | 153.7       | 83.30 |
|        | 50                              | 80.90                        | 40.16 | 98.40       | 51.19 | 116.4       | 62.86 | 121.6       | 66.76 | 127.0       | 72.56 | 131.2       | 71.07 | 133.3       | 71.46 |
|        | 52                              | 72.70                        | 36.34 | 88.60       | 45.61 | 100.1       | 53.81 | 104.9       | 57.04 | 109.7       | 62.02 | 110.8       | 57.72 | 112.8       | 57.83 |
| 70     | 10                              | 87.00                        | 14.90 | 105.5       | 18.01 | 124.2       | 20.85 | 133.2       | 22.49 | 142.7       | 24.09 | 157.4       | 27.15 | 171.9       | 30.10 |
|        | 12                              | 87.00                        | 15.31 | 105.5       | 18.24 | 124.2       | 21.54 | 133.2       | 23.12 | 142.7       | 24.86 | 157.4       | 27.98 | 171.9       | 31.05 |
|        | 14                              | 87.00                        | 15.54 | 105.5       | 18.52 | 124.2       | 21.92 | 133.2       | 23.57 | 142.7       | 25.40 | 157.4       | 28.75 | 171.9       | 31.89 |
|        | 16                              | 87.00                        | 15.78 | 105.5       | 18.86 | 124.2       | 22.31 | 133.2       | 24.13 | 142.7       | 26.11 | 157.4       | 29.62 | 171.9       | 32.98 |
|        | 18                              | 87.00                        | 16.01 | 105.5       | 19.22 | 124.2       | 23.07 | 133.2       | 25.00 | 142.7       | 27.01 | 157.4       | 30.58 | 171.9       | 34.05 |
|        | 20                              | 87.00                        | 16.27 | 105.5       | 19.83 | 124.2       | 23.80 | 133.2       | 25.90 | 142.7       | 28.09 | 157.4       | 31.79 | 171.9       | 35.82 |
|        | 21                              | 87.00                        | 16.59 | 105.5       | 20.13 | 124.2       | 24.25 | 133.2       | 26.39 | 142.7       | 28.61 | 157.4       | 32.59 | 171.9       | 36.78 |
|        | 23                              | 87.00                        | 17.07 | 105.5       | 20.92 | 124.2       | 25.22 | 133.2       | 27.70 | 142.7       | 30.44 | 157.4       | 35.11 | 171.9       | 39.25 |
|        | 25                              | 87.00                        | 17.61 | 105.5       | 22.03 | 124.2       | 27.22 | 133.2       | 29.97 | 142.7       | 32.81 | 157.4       | 37.90 | 171.9       | 41.72 |
|        | 27                              | 87.00                        | 18.80 | 105.5       | 23.80 | 124.2       | 29.36 | 133.2       | 32.20 | 142.7       | 35.51 | 157.4       | 40.78 | 171.9       | 44.57 |
|        | 29                              | 87.00                        | 20.32 | 105.5       | 25.60 | 124.2       | 31.58 | 133.2       | 34.50 | 142.7       | 37.77 | 157.4       | 43.52 | 171.9       | 47.70 |
|        | 31                              | 87.00                        | 21.90 | 105.5       | 27.62 | 124.2       | 33.69 | 133.2       | 36.87 | 142.7       | 40.29 | 157.4       | 46.39 | 171.9       | 50.67 |
|        | 33                              | 87.00                        | 23.54 | 105.5       | 29.25 | 124.2       | 35.82 | 133.2       | 39.16 | 142.7       | 42.86 | 157.4       | 49.38 | 171.9       | 53.97 |
|        | 35                              | 87.00                        | 24.97 | 105.5       | 31.21 | 124.2       | 38.12 | 133.2       | 41.69 | 142.7       | 45.66 | 157.4       | 52.64 | 171.9       | 57.31 |
|        | 37                              | 87.00                        | 26.55 | 105.5       | 33.10 | 124.2       | 40.53 | 133.2       | 44.39 | 142.7       | 48.62 | 157.4       | 56.06 | 171.9       | 60.64 |
|        | 39                              | 87.00                        | 28.20 | 105.5       | 35.30 | 124.2       | 43.32 | 133.2       | 47.64 | 142.7       | 52.34 | 157.4       | 59.94 | 171.9       | 65.20 |
|        | 41                              | 87.00                        | 31.77 | 105.5       | 39.48 | 124.2       | 48.48 | 133.2       | 53.32 | 142.7       | 58.19 | 157.4       | 67.23 | 171.9       | 72.13 |
|        | 43                              | 87.00                        | 35.38 | 105.5       | 44.00 | 124.2       | 54.04 | 133.2       | 59.41 | 142.7       | 64.89 | 157.4       | 75.08 | 171.9       | 79.94 |
|        | 46                              | 85.00                        | 40.75 | 103.1       | 51.12 | 121.4       | 62.87 | 130.2       | 68.52 | 139.5       | 75.20 | 153.8       | 86.79 | 167.9       | 91.22 |
|        | 48                              | 77.80                        | 37.60 | 94.70       | 47.20 | 111.6       | 58.13 | 119.8       | 63.36 | 128.3       | 69.40 | 141.2       | 79.83 | 152.6       | 82.64 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 70.80                        | 34.41 | 86.10       | 43.22 | 101.8       | 53.32 | 109.2       | 57.69 | 116.4       | 63.02 | 125.2       | 71.09 | 134.6       | 72.45 |
|        | 52                              | 63.80                        | 31.18 | 77.70       | 39.20 | 92.00       | 47.42 | 96.20       | 50.24 | 100.2       | 53.98 | 108.0       | 60.91 | 116.1       | 60.87 |
| 60     | 10                              | 74.40                        | 12.76 | 90.30       | 15.44 | 106.6       | 18.06 | 114.2       | 19.31 | 122.3       | 20.52 | 135.0       | 22.99 | 147.4       | 25.43 |
|        | 12                              | 74.40                        | 13.39 | 90.30       | 15.71 | 106.6       | 18.35 | 114.2       | 19.75 | 122.3       | 21.09 | 135.0       | 23.61 | 147.4       | 26.18 |
|        | 14                              | 74.40                        | 13.52 | 90.30       | 15.95 | 106.6       | 18.73 | 114.2       | 20.11 | 122.3       | 21.51 | 135.0       | 24.14 | 147.4       | 26.80 |
|        | 16                              | 74.40                        | 13.75 | 90.30       | 16.28 | 106.6       | 18.97 | 114.2       | 20.45 | 122.3       | 22.00 | 135.0       | 24.66 | 147.4       | 27.40 |
|        | 18                              | 74.40                        | 13.98 | 90.30       | 16.56 | 106.6       | 19.38 | 114.2       | 20.98 | 122.3       | 22.62 | 135.0       | 25.42 | 147.4       | 28.34 |
|        | 20                              | 74.40                        | 14.19 | 90.30       | 16.88 | 106.6       | 20.02 | 114.2       | 21.64 | 122.3       | 23.37 | 135.0       | 26.33 | 147.4       | 29.44 |
|        | 21                              | 74.40                        | 14.32 | 90.30       | 17.10 | 106.6       | 20.44 | 114.2       | 22.07 | 122.3       | 23.83 | 135.0       | 26.90 | 147.4       | 29.94 |
|        | 23                              | 74.40                        | 14.73 | 90.30       | 17.75 | 106.6       | 21.11 | 114.2       | 22.90 | 122.3       | 24.81 | 135.0       | 28.31 | 147.4       | 32.06 |
|        | 25                              | 74.40                        | 15.21 | 90.30       | 18.42 | 106.6       | 22.29 | 114.2       | 24.38 | 122.3       | 26.65 | 135.0       | 30.58 | 147.4       | 34.59 |
|        | 27                              | 74.40                        | 15.94 | 90.30       | 19.66 | 106.6       | 24.02 | 114.2       | 26.25 | 122.3       | 28.69 | 135.0       | 32.88 | 147.4       | 37.30 |
|        | 29                              | 74.40                        | 17.13 | 90.30       | 21.24 | 106.6       | 25.94 | 114.2       | 28.34 | 122.3       | 30.96 | 135.0       | 35.32 | 147.4       | 39.96 |
|        | 31                              | 74.40                        | 18.48 | 90.30       | 22.92 | 106.6       | 27.86 | 114.2       | 30.35 | 122.3       | 32.97 | 135.0       | 37.67 | 147.4       | 42.55 |
|        | 33                              | 74.40                        | 19.88 | 90.30       | 24.53 | 106.6       | 29.61 | 114.2       | 32.24 | 122.3       | 35.12 | 135.0       | 40.07 | 147.4       | 45.37 |
|        | 35                              | 74.40                        | 21.21 | 90.30       | 26.11 | 106.6       | 31.50 | 114.2       | 34.28 | 122.3       | 37.31 | 135.0       | 42.69 | 147.4       | 48.25 |
|        | 37                              | 74.40                        | 22.45 | 90.30       | 27.60 | 106.6       | 33.43 | 114.2       | 36.45 | 122.3       | 39.64 | 135.0       | 45.37 | 147.4       | 51.35 |
|        | 39                              | 74.40                        | 23.95 | 90.30       | 29.42 | 106.6       | 35.98 | 114.2       | 39.05 | 122.3       | 42.56 | 135.0       | 48.59 | 147.4       | 54.97 |
|        | 41                              | 74.40                        | 26.58 | 90.30       | 32.86 | 106.6       | 39.95 | 114.2       | 43.58 | 122.3       | 47.25 | 135.0       | 54.43 | 147.4       | 61.18 |
|        | 43                              | 74.40                        | 29.54 | 90.30       | 36.57 | 106.6       | 44.50 | 114.2       | 48.53 | 122.3       | 52.62 | 135.0       | 60.75 | 147.4       | 68.35 |
|        | 46                              | 72.80                        | 34.23 | 88.30       | 42.45 | 104.2       | 51.70 | 111.6       | 56.33 | 119.5       | 61.14 | 132.0       | 70.73 | 144.0       | 80.38 |
|        | 48                              | 66.60                        | 31.60 | 80.90       | 39.22 | 95.80       | 47.83 | 102.6       | 52.09 | 109.9       | 56.58 | 121.2       | 65.28 | 132.0       | 73.77 |
|        | 50                              | 60.60                        | 28.93 | 73.70       | 35.96 | 87.40       | 43.89 | 93.60       | 47.79 | 100.3       | 51.97 | 110.4       | 59.41 | 120.2       | 66.96 |
|        | 52                              | 54.60                        | 26.25 | 66.50       | 32.66 | 78.80       | 39.91 | 84.60       | 42.69 | 90.70       | 46.24 | 97.60       | 51.95 | 104.5       | 57.73 |
| 50     | 10                              | 62.20                        | 10.91 | 75.40       | 12.95 | 88.80       | 15.16 | 95.20       | 16.29 | 101.8       | 17.26 | 112.4       | 19.17 | 122.9       | 21.05 |
|        | 12                              | 62.20                        | 11.59 | 75.40       | 13.43 | 88.80       | 15.41 | 95.20       | 16.53 | 101.8       | 17.64 | 112.4       | 19.62 | 122.9       | 21.60 |
|        | 14                              | 62.20                        | 11.72 | 75.40       | 13.66 | 88.80       | 15.68 | 95.20       | 16.77 | 101.8       | 17.88 | 112.4       | 19.87 | 122.9       | 21.96 |
|        | 16                              | 62.20                        | 11.95 | 75.40       | 13.89 | 88.80       | 15.92 | 95.20       | 17.08 | 101.8       | 18.16 | 112.4       | 20.25 | 122.9       | 22.30 |
|        | 18                              | 62.20                        | 12.05 | 75.40       | 14.03 | 88.80       | 16.15 | 95.20       | 17.36 | 101.8       | 18.50 | 112.4       | 20.71 | 122.9       | 22.93 |
|        | 20                              | 62.20                        | 12.18 | 75.40       | 14.26 | 88.80       | 16.59 | 95.20       | 17.78 | 101.8       | 19.13 | 112.4       | 21.37 | 122.9       | 23.74 |
|        | 21                              | 62.20                        | 12.28 | 75.40       | 14.41 | 88.80       | 16.86 | 95.20       | 18.16 | 101.8       | 19.44 | 112.4       | 21.77 | 122.9       | 24.13 |
|        | 23                              | 62.20                        | 12.57 | 75.40       | 14.83 | 88.80       | 17.36 | 95.20       | 18.73 | 101.8       | 20.17 | 112.4       | 22.57 | 122.9       | 25.06 |
|        | 25                              | 62.20                        | 12.87 | 75.40       | 15.32 | 88.80       | 18.10 | 95.20       | 19.51 | 101.8       | 21.15 | 112.4       | 23.99 | 122.9       | 27.03 |
|        | 27                              | 62.20                        | 13.34 | 75.40       | 16.08 | 88.80       | 19.36 | 95.20       | 21.00 | 101.8       | 22.76 | 112.4       | 25.93 | 122.9       | 29.14 |
|        | 29                              | 62.20                        | 14.26 | 75.40       | 17.37 | 88.80       | 20.85 | 95.20       | 22.66 | 101.8       | 24.56 | 112.4       | 27.93 | 122.9       | 31.33 |
|        | 31                              | 62.20                        | 15.28 | 75.40       | 18.67 | 88.80       | 22.51 | 95.20       | 24.41 | 101.8       | 26.51 | 112.4       | 29.97 | 122.9       | 33.52 |
|        | 33                              | 62.20                        | 16.48 | 75.40       | 20.18 | 88.80       | 24.04 | 95.20       | 26.00 | 101.8       | 28.16 | 112.4       | 31.84 | 122.9       | 35.72 |
|        | 35                              | 62.20                        | 17.70 | 75.40       | 21.40 | 88.80       | 25.52 | 95.20       | 27.63 | 101.8       | 29.83 | 112.4       | 33.75 | 122.9       | 37.96 |
|        | 37                              | 62.20                        | 18.83 | 75.40       | 22.74 | 88.80       | 27.04 | 95.20       | 29.29 | 101.8       | 31.64 | 112.4       | 35.99 | 122.9       | 40.34 |
|        | 39                              | 62.20                        | 20.08 | 75.40       | 24.33 | 88.80       | 28.94 | 95.20       | 31.45 | 101.8       | 33.91 | 112.4       | 38.36 | 122.9       | 43.44 |
|        | 41                              | 62.20                        | 22.22 | 75.40       | 26.95 | 88.80       | 32.30 | 95.20       | 34.85 | 101.8       | 37.57 | 112.4       | 42.93 | 122.9       | 48.32 |
|        | 43                              | 62.20                        | 24.69 | 75.40       | 29.95 | 88.80       | 35.92 | 95.20       | 38.79 | 101.8       | 41.81 | 112.4       | 47.85 | 122.9       | 53.91 |
|        | 46                              | 60.80                        | 28.62 | 73.80       | 34.74 | 86.80       | 41.64 | 93.00       | 45.00 | 99.40       | 48.47 | 109.8       | 55.64 | 120.1       | 62.78 |
|        | 48                              | 55.60                        | 26.46 | 67.60       | 32.13 | 79.80       | 38.52 | 85.60       | 41.65 | 91.40       | 44.87 | 100.8       | 51.38 | 110.1       | 57.82 |
|        | 50                              | 50.60                        | 24.31 | 61.60       | 29.51 | 72.80       | 35.37 | 78.00       | 38.24 | 83.40       | 41.21 | 91.80       | 47.07 | 100.1       | 52.80 |
|        | 52                              | 45.60                        | 22.15 | 55.60       | 26.85 | 65.80       | 32.18 | 70.60       | 34.81 | 75.40       | 37.53 | 83.00       | 42.06 | 90.30       | 46.94 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM700LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 153.0                        | 15.48 | 193.2       | 21.46 | 236.5       | 31.20 | 254.8       | 36.25 | 275.2       | 42.79 | 292.6       | 48.50 | 306.3       | 53.07 |
|        | 12                              | 153.0                        | 16.91 | 193.2       | 23.67 | 236.5       | 34.18 | 254.8       | 39.66 | 275.2       | 46.74 | 292.6       | 52.50 | 306.3       | 56.83 |
|        | 14                              | 153.0                        | 17.86 | 193.2       | 25.93 | 236.5       | 37.54 | 254.8       | 43.52 | 275.2       | 50.24 | 292.6       | 56.11 | 306.3       | 61.06 |
|        | 16                              | 153.0                        | 19.07 | 193.2       | 28.53 | 236.5       | 41.18 | 254.8       | 47.19 | 275.2       | 54.28 | 292.6       | 60.43 | 306.3       | 65.62 |
|        | 18                              | 153.0                        | 20.98 | 193.2       | 31.19 | 236.5       | 44.73 | 254.8       | 51.31 | 275.2       | 58.77 | 292.6       | 64.93 | 306.0       | 69.53 |
|        | 20                              | 153.0                        | 23.19 | 193.2       | 34.22 | 236.5       | 48.86 | 254.8       | 55.53 | 275.2       | 62.75 | 292.6       | 68.95 | 305.6       | 72.70 |
|        | 21                              | 153.0                        | 24.40 | 193.2       | 35.91 | 236.5       | 50.73 | 254.8       | 57.51 | 275.2       | 64.55 | 292.6       | 70.61 | 305.4       | 74.33 |
|        | 23                              | 153.0                        | 26.94 | 193.2       | 39.61 | 236.5       | 54.63 | 254.8       | 61.18 | 275.2       | 68.92 | 292.6       | 74.14 | 304.9       | 77.98 |
|        | 25                              | 153.0                        | 30.04 | 193.2       | 43.14 | 236.5       | 58.39 | 254.8       | 65.19 | 275.2       | 72.63 | 292.2       | 78.17 | 304.3       | 81.66 |
|        | 27                              | 153.0                        | 33.13 | 193.2       | 46.15 | 236.5       | 62.25 | 254.8       | 69.77 | 275.2       | 76.74 | 291.7       | 82.09 | 303.8       | 85.76 |
|        | 29                              | 153.0                        | 35.62 | 193.2       | 49.25 | 236.5       | 66.87 | 254.8       | 74.06 | 275.2       | 81.21 | 291.1       | 86.41 | 303.1       | 90.31 |
|        | 31                              | 153.0                        | 38.00 | 193.2       | 52.69 | 236.5       | 71.20 | 254.8       | 78.41 | 275.2       | 85.81 | 290.4       | 91.24 | 302.5       | 95.46 |
|        | 33                              | 153.0                        | 40.60 | 193.2       | 56.18 | 236.5       | 75.75 | 254.8       | 83.17 | 274.5       | 90.71 | 287.9       | 95.89 | 289.8       | 96.49 |
|        | 35                              | 153.0                        | 43.28 | 193.2       | 59.94 | 236.5       | 80.42 | 254.8       | 88.31 | 271.2       | 95.01 | 272.3       | 95.36 | 272.9       | 95.49 |
|        | 37                              | 153.0                        | 46.16 | 193.2       | 64.01 | 236.5       | 85.53 | 252.6       | 92.29 | 253.2       | 92.48 | 253.0       | 92.44 | 252.9       | 92.43 |
|        | 39                              | 153.0                        | 49.22 | 193.2       | 67.82 | 234.7       | 86.54 | 234.6       | 86.52 | 234.6       | 86.54 | 234.6       | 86.53 | 234.6       | 86.50 |
|        | 41                              | 153.0                        | 52.49 | 193.2       | 70.74 | 217.0       | 80.34 | 216.9       | 80.34 | 216.9       | 80.29 | 216.6       | 80.19 | 216.9       | 80.27 |
|        | 43                              | 153.0                        | 55.77 | 193.2       | 72.88 | 199.8       | 75.19 | 199.6       | 75.17 | 199.6       | 75.11 | 199.6       | 75.11 | 199.3       | 75.06 |
|        | 46                              | 153.0                        | 60.03 | 175.4       | 69.02 | 175.2       | 68.99 | 175.1       | 68.95 | 175.2       | 68.93 | 174.9       | 68.87 | 175.0       | 68.89 |
|        | 48                              | 153.0                        | 63.63 | 159.9       | 66.43 | 159.7       | 66.36 | 159.7       | 66.35 | 160.0       | 66.46 | 159.6       | 66.35 | 159.7       | 66.34 |
|        | 50                              | 145.7                        | 63.30 | 145.3       | 63.22 | 145.1       | 63.09 | 145.1       | 63.13 | 145.0       | 63.09 | 144.9       | 63.04 | 144.9       | 63.05 |
|        | 52                              | 129.3                        | 56.62 | 130.6       | 55.51 | 131.2       | 53.22 | 131.3       | 52.75 | 131.2       | 52.21 | 131.3       | 51.77 | 131.4       | 51.46 |
| 120    | 10                              | 141.3                        | 14.19 | 178.5       | 18.94 | 218.3       | 26.61 | 235.2       | 30.81 | 254.0       | 35.98 | 270.2       | 40.98 | 282.8       | 45.34 |
|        | 12                              | 141.3                        | 15.42 | 178.5       | 20.84 | 218.3       | 29.38 | 235.2       | 33.81 | 254.0       | 39.43 | 270.2       | 44.95 | 282.8       | 49.24 |
|        | 14                              | 141.3                        | 16.16 | 178.5       | 22.79 | 218.3       | 32.31 | 235.2       | 37.15 | 254.0       | 43.27 | 270.2       | 48.70 | 282.8       | 52.82 |
|        | 16                              | 141.3                        | 16.88 | 178.5       | 24.74 | 218.3       | 35.40 | 235.2       | 40.72 | 254.0       | 46.89 | 270.2       | 52.38 | 282.8       | 57.00 |
|        | 18                              | 141.3                        | 18.43 | 178.5       | 27.16 | 218.3       | 38.92 | 235.2       | 44.30 | 254.0       | 50.84 | 270.2       | 56.82 | 282.8       | 61.40 |
|        | 20                              | 141.3                        | 20.34 | 178.5       | 29.91 | 218.3       | 42.38 | 235.2       | 48.40 | 254.0       | 54.99 | 270.2       | 61.05 | 282.8       | 65.35 |
|        | 21                              | 141.3                        | 21.37 | 178.5       | 31.31 | 218.3       | 44.33 | 235.2       | 50.28 | 254.0       | 57.00 | 270.2       | 62.98 | 282.8       | 67.69 |
|        | 23                              | 141.3                        | 23.78 | 178.5       | 34.67 | 218.3       | 48.11 | 235.2       | 54.17 | 254.0       | 60.87 | 270.2       | 66.95 | 282.8       | 71.19 |
|        | 25                              | 141.3                        | 26.47 | 178.5       | 38.21 | 218.3       | 51.59 | 235.2       | 58.07 | 254.0       | 64.85 | 270.2       | 71.03 | 282.8       | 75.05 |
|        | 27                              | 141.3                        | 29.59 | 178.5       | 41.11 | 218.3       | 55.58 | 235.2       | 61.76 | 254.0       | 69.53 | 270.2       | 74.96 | 282.8       | 79.33 |
|        | 29                              | 141.3                        | 32.15 | 178.5       | 43.87 | 218.3       | 59.30 | 235.2       | 66.27 | 254.0       | 73.80 | 270.2       | 79.58 | 282.5       | 83.56 |
|        | 31                              | 141.3                        | 34.35 | 178.5       | 46.92 | 218.3       | 63.11 | 235.2       | 70.55 | 254.0       | 78.14 | 270.2       | 84.07 | 281.8       | 88.14 |
|        | 33                              | 141.3                        | 36.61 | 178.5       | 50.01 | 218.3       | 67.20 | 235.2       | 75.19 | 254.0       | 82.88 | 270.1       | 89.01 | 281.2       | 93.26 |
|        | 35                              | 141.3                        | 39.04 | 178.5       | 53.35 | 218.3       | 71.66 | 235.2       | 79.80 | 254.0       | 88.04 | 269.4       | 94.31 | 272.1       | 95.34 |
|        | 37                              | 141.3                        | 41.64 | 178.5       | 56.92 | 218.3       | 76.52 | 235.2       | 84.87 | 252.6       | 92.23 | 253.2       | 92.50 | 253.0       | 92.43 |
|        | 39                              | 141.3                        | 44.40 | 178.5       | 60.75 | 218.3       | 79.46 | 234.5       | 86.34 | 234.9       | 86.60 | 234.6       | 86.55 | 234.6       | 86.55 |
|        | 41                              | 141.3                        | 47.34 | 178.5       | 64.22 | 217.2       | 80.38 | 216.9       | 80.32 | 216.8       | 80.25 | 216.7       | 80.24 | 216.7       | 80.21 |
|        | 43                              | 141.3                        | 50.51 | 178.5       | 66.70 | 199.9       | 75.26 | 199.9       | 75.19 | 199.6       | 75.13 | 199.6       | 75.11 | 199.6       | 75.15 |
|        | 46                              | 141.3                        | 55.36 | 175.4       | 69.08 | 175.2       | 68.95 | 175.2       | 68.95 | 175.1       | 68.93 | 175.0       | 68.90 | 175.1       | 68.88 |
|        | 48                              | 141.3                        | 58.47 | 159.9       | 66.44 | 159.9       | 66.43 | 159.9       | 66.44 | 159.6       | 66.37 | 159.6       | 66.33 | 159.6       | 66.29 |
|        | 50                              | 141.3                        | 61.59 | 145.4       | 63.20 | 145.1       | 63.13 | 145.1       | 63.13 | 145.1       | 63.14 | 144.9       | 63.05 | 145.1       | 63.04 |
|        | 52                              | 129.0                        | 56.47 | 130.1       | 56.46 | 131.3       | 54.17 | 131.2       | 53.72 | 131.4       | 53.22 | 131.4       | 52.82 | 131.3       | 52.59 |
| 110    | 10                              | 129.5                        | 13.11 | 163.5       | 16.81 | 200.2       | 22.75 | 215.5       | 25.98 | 232.8       | 30.21 | 247.5       | 34.19 | 259.0       | 37.58 |
|        | 12                              | 129.5                        | 14.12 | 163.5       | 18.41 | 200.2       | 25.11 | 215.5       | 28.67 | 232.8       | 33.13 | 247.5       | 37.46 | 259.0       | 41.11 |
|        | 14                              | 129.5                        | 14.56 | 163.5       | 19.71 | 200.2       | 27.58 | 215.5       | 31.53 | 232.8       | 36.44 | 247.5       | 41.10 | 259.0       | 45.16 |
|        | 16                              | 129.5                        | 14.97 | 163.5       | 21.36 | 200.2       | 30.31 | 215.5       | 34.60 | 232.8       | 39.93 | 247.5       | 44.67 | 259.0       | 48.75 |
|        | 18                              | 129.5                        | 16.12 | 163.5       | 23.41 | 200.2       | 33.35 | 215.5       | 38.04 | 232.8       | 43.40 | 247.5       | 48.67 | 259.0       | 52.82 |
|        | 20                              | 129.5                        | 17.74 | 163.5       | 25.87 | 200.2       | 36.45 | 215.5       | 41.56 | 232.8       | 47.40 | 247.5       | 52.86 | 259.0       | 57.04 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 129.5                        | 18.68 | 163.5       | 27.11 | 200.2       | 38.14 | 215.5       | 43.44 | 232.8       | 49.51 | 247.5       | 54.75 | 259.0       | 59.11 |
|        | 23                               | 129.5                        | 20.72 | 163.5       | 30.08 | 200.2       | 41.95 | 215.5       | 47.08 | 232.8       | 53.26 | 247.5       | 58.64 | 259.0       | 62.80 |
|        | 25                               | 129.5                        | 23.24 | 163.5       | 33.20 | 200.2       | 45.24 | 215.5       | 50.64 | 232.8       | 56.95 | 247.5       | 62.50 | 259.0       | 66.90 |
|        | 27                               | 129.5                        | 25.94 | 163.5       | 36.44 | 200.2       | 48.61 | 215.5       | 54.13 | 232.8       | 60.96 | 247.5       | 66.67 | 259.0       | 71.31 |
|        | 29                               | 129.5                        | 28.73 | 163.5       | 38.88 | 200.2       | 51.85 | 215.5       | 58.18 | 232.8       | 65.32 | 247.5       | 71.48 | 259.0       | 75.48 |
|        | 31                               | 129.5                        | 30.82 | 163.5       | 41.50 | 200.2       | 55.51 | 215.5       | 61.91 | 232.8       | 69.50 | 247.5       | 75.68 | 259.0       | 80.14 |
|        | 33                               | 129.5                        | 32.92 | 163.5       | 44.32 | 200.2       | 59.19 | 215.5       | 65.93 | 232.8       | 74.11 | 247.5       | 80.25 | 259.0       | 84.95 |
|        | 35                               | 129.5                        | 35.08 | 163.5       | 47.27 | 200.2       | 63.09 | 215.5       | 70.29 | 232.8       | 78.84 | 247.5       | 85.27 | 259.0       | 90.11 |
|        | 37                               | 129.5                        | 37.40 | 163.5       | 50.40 | 200.2       | 67.25 | 215.5       | 75.04 | 232.8       | 83.81 | 247.5       | 90.78 | 253.1       | 92.45 |
|        | 39                               | 129.5                        | 39.90 | 163.5       | 53.76 | 200.2       | 71.27 | 215.5       | 78.29 | 232.8       | 85.59 | 234.7       | 86.55 | 234.8       | 86.54 |
|        | 41                               | 129.5                        | 42.54 | 163.5       | 57.24 | 200.2       | 73.55 | 215.5       | 79.79 | 217.2       | 80.35 | 216.8       | 80.29 | 216.8       | 80.30 |
|        | 43                               | 129.5                        | 45.39 | 163.5       | 60.68 | 199.8       | 75.16 | 199.9       | 75.26 | 199.9       | 75.21 | 199.5       | 75.13 | 199.6       | 75.12 |
|        | 46                               | 129.5                        | 50.01 | 163.5       | 64.42 | 175.2       | 69.03 | 175.2       | 68.99 | 175.1       | 68.97 | 175.1       | 68.96 | 174.9       | 68.88 |
|        | 48                               | 129.5                        | 53.19 | 160.0       | 66.52 | 159.9       | 66.48 | 159.8       | 66.43 | 159.9       | 66.40 | 159.7       | 66.40 | 159.7       | 66.37 |
|        | 50                               | 129.5                        | 56.25 | 145.5       | 63.29 | 145.2       | 63.18 | 145.1       | 63.14 | 145.1       | 63.14 | 145.0       | 63.08 | 145.1       | 63.09 |
|        | 52                               | 128.5                        | 56.68 | 129.4       | 56.70 | 130.9       | 55.31 | 131.1       | 54.87 | 131.4       | 54.41 | 131.0       | 53.98 | 131.3       | 53.39 |
| 100    | 10                               | 117.7                        | 12.14 | 148.7       | 14.99 | 182.0       | 19.50 | 196.0       | 21.95 | 211.7       | 25.12 | 225.1       | 28.24 | 235.6       | 30.89 |
|        | 12                               | 117.7                        | 12.93 | 148.7       | 16.34 | 182.0       | 21.48 | 196.0       | 24.20 | 211.7       | 27.74 | 225.1       | 31.16 | 235.6       | 33.93 |
|        | 14                               | 117.7                        | 13.18 | 148.7       | 17.23 | 182.0       | 23.47 | 196.0       | 26.64 | 211.7       | 30.60 | 225.1       | 34.18 | 235.6       | 37.26 |
|        | 16                               | 117.7                        | 13.35 | 148.7       | 18.28 | 182.0       | 25.57 | 196.0       | 29.23 | 211.7       | 33.49 | 225.1       | 37.59 | 235.6       | 40.99 |
|        | 18                               | 117.7                        | 14.11 | 148.7       | 20.08 | 182.0       | 28.06 | 196.0       | 31.89 | 211.7       | 36.83 | 225.1       | 40.90 | 235.6       | 44.39 |
|        | 20                               | 117.7                        | 15.44 | 148.7       | 22.09 | 182.0       | 30.91 | 196.0       | 35.08 | 211.7       | 40.13 | 225.1       | 44.65 | 235.6       | 48.45 |
|        | 21                               | 117.7                        | 16.22 | 148.7       | 23.18 | 182.0       | 32.38 | 196.0       | 36.88 | 211.7       | 42.07 | 225.1       | 46.78 | 235.6       | 50.49 |
|        | 23                               | 117.7                        | 18.02 | 148.7       | 25.63 | 182.0       | 35.75 | 196.0       | 40.53 | 211.7       | 45.77 | 225.1       | 50.47 | 235.6       | 54.28 |
|        | 25                               | 117.7                        | 20.10 | 148.7       | 28.69 | 182.0       | 39.35 | 196.0       | 44.00 | 211.7       | 49.25 | 225.1       | 54.14 | 235.6       | 58.00 |
|        | 27                               | 117.7                        | 22.51 | 148.7       | 31.89 | 182.0       | 42.24 | 196.0       | 47.12 | 211.7       | 52.97 | 225.1       | 58.36 | 235.6       | 62.03 |
|        | 29                               | 117.7                        | 25.28 | 148.7       | 34.26 | 182.0       | 45.08 | 196.0       | 50.25 | 211.7       | 56.56 | 225.1       | 62.06 | 235.6       | 66.48 |
|        | 31                               | 117.7                        | 27.58 | 148.7       | 36.64 | 182.0       | 48.25 | 196.0       | 53.77 | 211.7       | 60.30 | 225.1       | 66.04 | 235.6       | 70.77 |
|        | 33                               | 117.7                        | 29.45 | 148.7       | 39.07 | 182.0       | 51.43 | 196.0       | 57.33 | 211.7       | 64.19 | 225.1       | 70.35 | 235.6       | 75.40 |
|        | 35                               | 117.7                        | 31.39 | 148.7       | 41.67 | 182.0       | 54.84 | 196.0       | 61.12 | 211.7       | 68.44 | 225.1       | 75.07 | 235.6       | 80.02 |
|        | 37                               | 117.7                        | 33.45 | 148.7       | 44.42 | 182.0       | 58.52 | 196.0       | 65.24 | 211.7       | 73.03 | 225.1       | 80.26 | 235.6       | 85.09 |
|        | 39                               | 117.7                        | 35.67 | 148.7       | 47.38 | 182.0       | 62.37 | 196.0       | 69.15 | 211.7       | 76.73 | 225.1       | 82.31 | 234.6       | 86.41 |
|        | 41                               | 117.7                        | 38.06 | 148.7       | 50.53 | 182.0       | 65.95 | 196.0       | 71.82 | 211.7       | 78.37 | 216.9       | 80.33 | 217.1       | 80.35 |
|        | 43                               | 117.7                        | 40.59 | 148.7       | 53.78 | 182.0       | 68.15 | 196.0       | 73.74 | 199.6       | 75.19 | 199.9       | 75.22 | 199.9       | 75.20 |
|        | 46                               | 117.7                        | 44.73 | 148.7       | 58.18 | 175.2       | 69.02 | 175.4       | 69.02 | 175.4       | 68.99 | 175.4       | 68.99 | 175.2       | 68.94 |
|        | 48                               | 117.7                        | 47.71 | 148.7       | 61.69 | 160.1       | 66.51 | 159.9       | 66.47 | 159.9       | 66.43 | 159.9       | 66.42 | 159.9       | 66.43 |
|        | 50                               | 117.7                        | 50.92 | 145.5       | 63.24 | 145.3       | 63.20 | 145.3       | 63.19 | 145.1       | 63.12 | 145.1       | 63.10 | 145.1       | 63.09 |
|        | 52                               | 117.7                        | 52.24 | 129.1       | 56.53 | 129.9       | 56.56 | 130.4       | 55.87 | 131.0       | 55.18 | 131.4       | 54.50 | 131.4       | 53.94 |
| 90     | 10                               | 106.1                        | 11.29 | 133.7       | 13.49 | 163.8       | 16.81 | 176.3       | 18.63 | 190.5       | 20.97 | 202.6       | 23.22 | 212.0       | 25.21 |
|        | 12                               | 106.1                        | 11.61 | 133.7       | 14.58 | 163.8       | 18.44 | 176.3       | 20.49 | 190.5       | 23.11 | 202.6       | 25.64 | 212.0       | 27.84 |
|        | 14                               | 106.1                        | 11.75 | 133.7       | 15.09 | 163.8       | 19.72 | 176.3       | 22.37 | 190.5       | 25.32 | 202.6       | 28.19 | 212.0       | 30.63 |
|        | 16                               | 106.1                        | 12.03 | 133.7       | 15.55 | 163.8       | 21.39 | 176.3       | 24.30 | 190.5       | 27.82 | 202.6       | 31.01 | 212.0       | 33.62 |
|        | 18                               | 106.1                        | 12.27 | 133.7       | 16.99 | 163.8       | 23.43 | 176.3       | 26.56 | 190.5       | 30.38 | 202.6       | 34.04 | 212.0       | 36.70 |
|        | 20                               | 106.1                        | 13.40 | 133.7       | 18.71 | 163.8       | 25.89 | 176.3       | 29.31 | 190.5       | 33.38 | 202.6       | 37.20 | 212.0       | 40.36 |
|        | 21                               | 106.1                        | 14.02 | 133.7       | 19.66 | 163.8       | 27.15 | 176.3       | 30.72 | 190.5       | 35.06 | 202.6       | 39.04 | 212.0       | 42.08 |
|        | 23                               | 106.1                        | 15.55 | 133.7       | 21.81 | 163.8       | 30.11 | 176.3       | 34.07 | 190.5       | 38.65 | 202.6       | 42.79 | 212.0       | 45.89 |
|        | 25                               | 106.1                        | 17.36 | 133.7       | 24.31 | 163.8       | 33.40 | 176.3       | 37.62 | 190.5       | 42.21 | 202.6       | 46.40 | 212.0       | 49.48 |
|        | 27                               | 106.1                        | 19.37 | 133.7       | 27.25 | 163.8       | 36.50 | 176.3       | 40.45 | 190.5       | 45.18 | 202.6       | 49.50 | 212.0       | 53.09 |
|        | 29                               | 106.1                        | 21.91 | 133.7       | 30.04 | 163.8       | 38.98 | 176.3       | 43.17 | 190.5       | 48.22 | 202.6       | 52.85 | 212.0       | 56.68 |
|        | 31                               | 106.1                        | 24.46 | 133.7       | 32.06 | 163.8       | 41.65 | 176.3       | 46.15 | 190.5       | 51.58 | 202.6       | 56.43 | 212.0       | 60.46 |
|        | 33                               | 106.1                        | 26.22 | 133.7       | 34.24 | 163.8       | 44.40 | 176.3       | 49.21 | 190.5       | 55.01 | 202.6       | 60.25 | 212.0       | 64.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 106.1                        | 27.92 | 133.7       | 36.50 | 163.8       | 47.34 | 176.3       | 52.47 | 190.5       | 58.66 | 202.6       | 64.19 | 212.0       | 68.60 |
|        | 37                              | 106.1                        | 29.76 | 133.7       | 38.91 | 163.8       | 50.49 | 176.3       | 55.95 | 190.5       | 62.63 | 202.6       | 68.45 | 212.0       | 73.21 |
|        | 39                              | 106.1                        | 31.74 | 133.7       | 41.50 | 163.8       | 53.86 | 176.3       | 59.74 | 190.5       | 66.45 | 202.6       | 72.56 | 212.0       | 76.88 |
|        | 41                              | 106.1                        | 33.85 | 133.7       | 44.25 | 163.8       | 57.33 | 176.3       | 63.21 | 190.5       | 69.63 | 202.6       | 74.57 | 212.0       | 78.52 |
|        | 43                              | 106.1                        | 36.12 | 133.7       | 47.20 | 163.8       | 60.77 | 176.3       | 65.85 | 190.5       | 71.71 | 199.9       | 75.23 | 199.8       | 75.20 |
|        | 46                              | 106.1                        | 39.80 | 133.7       | 51.87 | 163.8       | 64.51 | 175.3       | 69.04 | 175.4       | 69.02 | 175.2       | 69.01 | 175.4       | 69.01 |
|        | 48                              | 106.1                        | 42.47 | 133.7       | 55.25 | 160.2       | 66.56 | 159.9       | 66.49 | 159.9       | 66.45 | 159.9       | 66.43 | 159.9       | 66.42 |
|        | 50                              | 106.1                        | 45.32 | 133.7       | 58.18 | 145.5       | 63.29 | 145.4       | 63.27 | 145.3       | 63.20 | 145.3       | 63.17 | 145.3       | 63.16 |
|        | 52                              | 106.1                        | 48.02 | 128.7       | 56.32 | 129.6       | 56.97 | 130.1       | 56.57 | 130.7       | 55.81 | 131.0       | 55.13 | 131.4       | 54.60 |
| 80     | 10                              | 94.10                        | 10.15 | 119.0       | 12.24 | 145.5       | 14.65 | 156.8       | 15.94 | 169.3       | 17.58 | 180.0       | 19.20 | 188.6       | 20.60 |
|        | 12                              | 94.10                        | 10.45 | 119.0       | 13.05 | 145.5       | 15.94 | 156.8       | 17.42 | 169.3       | 19.31 | 180.0       | 21.14 | 188.6       | 22.71 |
|        | 14                              | 94.10                        | 10.59 | 119.0       | 13.27 | 145.5       | 16.78 | 156.8       | 18.48 | 169.3       | 20.75 | 180.0       | 23.11 | 188.6       | 24.88 |
|        | 16                              | 94.10                        | 10.73 | 119.0       | 13.52 | 145.5       | 17.71 | 156.8       | 19.84 | 169.3       | 22.68 | 180.0       | 25.17 | 188.6       | 27.32 |
|        | 18                              | 94.10                        | 10.98 | 119.0       | 14.29 | 145.5       | 19.36 | 156.8       | 21.88 | 169.3       | 24.79 | 180.0       | 27.54 | 188.6       | 29.86 |
|        | 20                              | 94.10                        | 11.56 | 119.0       | 15.68 | 145.5       | 21.31 | 156.8       | 24.09 | 169.3       | 27.34 | 180.0       | 30.29 | 188.6       | 32.87 |
|        | 21                              | 94.10                        | 12.03 | 119.0       | 16.42 | 145.5       | 22.46 | 156.8       | 25.29 | 169.3       | 28.71 | 180.0       | 31.90 | 188.6       | 34.44 |
|        | 23                              | 94.10                        | 13.32 | 119.0       | 18.28 | 145.5       | 24.83 | 156.8       | 28.10 | 169.3       | 31.81 | 180.0       | 35.14 | 188.6       | 37.93 |
|        | 25                              | 94.10                        | 14.76 | 119.0       | 20.36 | 145.5       | 27.75 | 156.8       | 31.11 | 169.3       | 35.23 | 180.0       | 38.82 | 188.6       | 41.48 |
|        | 27                              | 94.10                        | 16.60 | 119.0       | 22.83 | 145.5       | 30.97 | 156.8       | 34.25 | 169.3       | 38.20 | 180.0       | 41.65 | 188.6       | 44.48 |
|        | 29                              | 94.10                        | 18.76 | 119.0       | 25.62 | 145.5       | 33.35 | 156.8       | 36.75 | 169.3       | 40.78 | 180.0       | 44.45 | 188.6       | 47.47 |
|        | 31                              | 94.10                        | 21.15 | 119.0       | 27.89 | 145.5       | 35.60 | 156.8       | 39.20 | 169.3       | 43.54 | 180.0       | 47.55 | 188.6       | 50.78 |
|        | 33                              | 94.10                        | 23.23 | 119.0       | 29.79 | 145.5       | 38.03 | 156.8       | 41.88 | 169.3       | 46.50 | 180.0       | 50.69 | 188.6       | 54.14 |
|        | 35                              | 94.10                        | 24.72 | 119.0       | 31.74 | 145.5       | 40.53 | 156.8       | 44.63 | 169.3       | 49.58 | 180.0       | 54.05 | 188.6       | 57.75 |
|        | 37                              | 94.10                        | 26.32 | 119.0       | 33.83 | 145.5       | 43.24 | 156.8       | 47.61 | 169.3       | 52.87 | 180.0       | 57.66 | 188.6       | 61.65 |
|        | 39                              | 94.10                        | 28.06 | 119.0       | 36.08 | 145.5       | 46.09 | 156.8       | 50.77 | 169.3       | 56.41 | 180.0       | 61.58 | 188.6       | 65.48 |
|        | 41                              | 94.10                        | 29.93 | 119.0       | 38.49 | 145.5       | 49.17 | 156.8       | 54.18 | 169.3       | 59.90 | 180.0       | 65.05 | 188.6       | 68.80 |
|        | 43                              | 94.10                        | 31.93 | 119.0       | 41.05 | 145.5       | 52.45 | 156.8       | 57.44 | 169.3       | 63.01 | 180.0       | 67.39 | 188.6       | 70.86 |
|        | 46                              | 94.10                        | 35.21 | 119.0       | 45.24 | 145.5       | 56.89 | 156.8       | 61.56 | 169.3       | 66.65 | 175.2       | 68.99 | 175.2       | 68.99 |
|        | 48                              | 94.10                        | 37.60 | 119.0       | 48.27 | 145.5       | 60.30 | 156.8       | 65.27 | 159.9       | 66.48 | 159.9       | 66.46 | 159.9       | 66.41 |
|        | 50                              | 94.10                        | 40.14 | 119.0       | 51.50 | 145.1       | 63.10 | 145.5       | 63.27 | 145.3       | 63.21 | 145.4       | 63.19 | 145.2       | 63.16 |
|        | 52                              | 94.10                        | 42.84 | 119.0       | 52.78 | 129.1       | 56.54 | 129.6       | 56.72 | 130.1       | 56.68 | 130.4       | 55.96 | 130.9       | 55.44 |
| 70     | 10                              | 82.50                        | 8.33  | 104.0       | 11.18 | 127.3       | 12.91 | 137.2       | 13.81 | 148.1       | 14.93 | 157.5       | 16.04 | 164.9       | 16.98 |
|        | 12                              | 82.50                        | 9.41  | 104.0       | 11.41 | 127.3       | 13.91 | 137.2       | 14.96 | 148.1       | 16.28 | 157.5       | 17.54 | 164.9       | 18.62 |
|        | 14                              | 82.50                        | 9.49  | 104.0       | 11.63 | 127.3       | 14.26 | 137.2       | 15.54 | 148.1       | 17.15 | 157.5       | 18.64 | 164.9       | 20.01 |
|        | 16                              | 82.50                        | 9.62  | 104.0       | 11.78 | 127.3       | 14.67 | 137.2       | 16.19 | 148.1       | 18.16 | 157.5       | 20.00 | 164.9       | 21.63 |
|        | 18                              | 82.50                        | 9.72  | 104.0       | 12.14 | 127.3       | 15.76 | 137.2       | 17.63 | 148.1       | 19.87 | 157.5       | 21.98 | 164.9       | 23.69 |
|        | 20                              | 82.50                        | 9.99  | 104.0       | 13.10 | 127.3       | 17.31 | 137.2       | 19.44 | 148.1       | 21.91 | 157.5       | 24.17 | 164.9       | 26.17 |
|        | 21                              | 82.50                        | 10.39 | 104.0       | 13.74 | 127.3       | 18.18 | 137.2       | 20.44 | 148.1       | 23.03 | 157.5       | 25.51 | 164.9       | 27.47 |
|        | 23                              | 82.50                        | 11.36 | 104.0       | 15.17 | 127.3       | 20.18 | 137.2       | 22.68 | 148.1       | 25.60 | 157.5       | 28.21 | 164.9       | 30.46 |
|        | 25                              | 82.50                        | 12.56 | 104.0       | 16.95 | 127.3       | 22.64 | 137.2       | 25.34 | 148.1       | 28.44 | 157.5       | 31.43 | 164.9       | 33.74 |
|        | 27                              | 82.50                        | 13.98 | 104.0       | 18.98 | 127.3       | 25.32 | 137.2       | 28.29 | 148.1       | 31.70 | 157.5       | 34.53 | 164.9       | 36.82 |
|        | 29                              | 82.50                        | 15.81 | 104.0       | 21.49 | 127.3       | 28.20 | 137.2       | 30.98 | 148.1       | 34.13 | 157.5       | 36.97 | 164.9       | 39.33 |
|        | 31                              | 82.50                        | 17.95 | 104.0       | 24.01 | 127.3       | 30.26 | 137.2       | 33.10 | 148.1       | 36.43 | 157.5       | 39.55 | 164.9       | 42.06 |
|        | 33                              | 82.50                        | 20.19 | 104.0       | 25.73 | 127.3       | 32.24 | 137.2       | 35.28 | 148.1       | 38.90 | 157.5       | 42.17 | 164.9       | 44.84 |
|        | 35                              | 82.50                        | 21.76 | 104.0       | 27.39 | 127.3       | 34.38 | 137.2       | 37.61 | 148.1       | 41.47 | 157.5       | 44.94 | 164.9       | 47.81 |
|        | 37                              | 82.50                        | 23.15 | 104.0       | 29.18 | 127.3       | 36.65 | 137.2       | 40.11 | 148.1       | 44.24 | 157.5       | 47.93 | 164.9       | 50.99 |
|        | 39                              | 82.50                        | 24.64 | 104.0       | 31.12 | 127.3       | 39.10 | 137.2       | 42.78 | 148.1       | 47.17 | 157.5       | 51.12 | 164.9       | 54.39 |
|        | 41                              | 82.50                        | 26.27 | 104.0       | 33.19 | 127.3       | 41.68 | 137.2       | 45.63 | 148.1       | 50.32 | 157.5       | 54.57 | 164.9       | 57.86 |
|        | 43                              | 82.50                        | 28.05 | 104.0       | 35.41 | 127.3       | 44.46 | 137.2       | 48.66 | 148.1       | 53.55 | 157.5       | 57.83 | 164.9       | 61.33 |
|        | 46                              | 82.50                        | 30.93 | 104.0       | 39.03 | 127.3       | 49.00 | 137.2       | 53.42 | 148.1       | 57.99 | 157.5       | 61.90 | 164.9       | 65.02 |
|        | 48                              | 82.50                        | 33.04 | 104.0       | 41.66 | 127.3       | 52.17 | 137.2       | 56.89 | 148.1       | 61.47 | 157.5       | 65.63 | 160.1       | 66.53 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 82.50                        | 35.31 | 104.0       | 44.45 | 127.3       | 55.52 | 137.2       | 59.68 | 145.5       | 63.27 | 145.5       | 63.22 | 145.3       | 63.24 |
|        | 52                              | 82.50                        | 37.70 | 104.0       | 47.12 | 127.3       | 56.59 | 128.9       | 56.43 | 129.4       | 56.62 | 129.9       | 56.84 | 130.1       | 56.54 |
| 60     | 10                              | 70.70                        | 6.61  | 89.20       | 9.35  | 109.2       | 11.55 | 117.6       | 12.14 | 127.1       | 12.87 | 135.1       | 13.60 | 141.3       | 14.23 |
|        | 12                              | 70.70                        | 8.38  | 89.20       | 9.96  | 109.2       | 11.90 | 117.6       | 12.90 | 127.1       | 13.88 | 135.1       | 14.72 | 141.3       | 15.44 |
|        | 14                              | 70.70                        | 8.48  | 89.20       | 10.11 | 109.2       | 12.18 | 117.6       | 13.17 | 127.1       | 14.28 | 135.1       | 15.27 | 141.3       | 16.15 |
|        | 16                              | 70.70                        | 8.56  | 89.20       | 10.22 | 109.2       | 12.35 | 117.6       | 13.34 | 127.1       | 14.65 | 135.1       | 15.78 | 141.3       | 16.96 |
|        | 18                              | 70.70                        | 8.67  | 89.20       | 10.44 | 109.2       | 12.79 | 117.6       | 14.10 | 127.1       | 15.69 | 135.1       | 17.20 | 141.3       | 18.41 |
|        | 20                              | 70.70                        | 8.78  | 89.20       | 10.86 | 109.2       | 13.90 | 117.6       | 15.42 | 127.1       | 17.29 | 135.1       | 18.94 | 141.3       | 20.45 |
|        | 21                              | 70.70                        | 8.90  | 89.20       | 11.32 | 109.2       | 14.64 | 117.6       | 16.18 | 127.1       | 18.18 | 135.1       | 19.93 | 141.3       | 21.49 |
|        | 23                              | 70.70                        | 9.59  | 89.20       | 12.49 | 109.2       | 16.23 | 117.6       | 18.01 | 127.1       | 20.19 | 135.1       | 22.07 | 141.3       | 23.79 |
|        | 25                              | 70.70                        | 10.54 | 89.20       | 13.82 | 109.2       | 18.05 | 117.6       | 20.08 | 127.1       | 22.45 | 135.1       | 24.76 | 141.3       | 26.47 |
|        | 27                              | 70.70                        | 11.68 | 89.20       | 15.39 | 109.2       | 20.19 | 117.6       | 22.50 | 127.1       | 25.17 | 135.1       | 27.63 | 141.3       | 29.55 |
|        | 29                              | 70.70                        | 13.13 | 89.20       | 17.44 | 109.2       | 22.79 | 117.6       | 25.24 | 127.1       | 28.05 | 135.1       | 30.43 | 141.3       | 32.16 |
|        | 31                              | 70.70                        | 14.99 | 89.20       | 19.84 | 109.2       | 25.34 | 117.6       | 27.53 | 127.1       | 30.11 | 135.1       | 32.48 | 141.3       | 34.36 |
|        | 33                              | 70.70                        | 17.13 | 89.20       | 21.99 | 109.2       | 27.06 | 117.6       | 29.38 | 127.1       | 32.16 | 135.1       | 34.62 | 141.3       | 36.65 |
|        | 35                              | 70.70                        | 18.77 | 89.20       | 23.44 | 109.2       | 28.82 | 117.6       | 31.33 | 127.1       | 34.28 | 135.1       | 36.91 | 141.3       | 39.07 |
|        | 37                              | 70.70                        | 19.96 | 89.20       | 24.93 | 109.2       | 30.73 | 117.6       | 33.38 | 127.1       | 36.53 | 135.1       | 39.35 | 141.3       | 41.65 |
|        | 39                              | 70.70                        | 21.44 | 89.20       | 26.59 | 109.2       | 32.78 | 117.6       | 35.60 | 127.1       | 38.97 | 135.1       | 41.98 | 141.3       | 44.42 |
|        | 41                              | 70.70                        | 22.86 | 89.20       | 28.33 | 109.2       | 34.96 | 117.6       | 37.99 | 127.1       | 41.56 | 135.1       | 44.76 | 141.3       | 47.37 |
|        | 43                              | 70.70                        | 24.40 | 89.20       | 30.24 | 109.2       | 37.29 | 117.6       | 40.52 | 127.1       | 44.32 | 135.1       | 47.75 | 141.3       | 50.54 |
|        | 46                              | 70.70                        | 26.96 | 89.20       | 33.36 | 109.2       | 41.11 | 117.6       | 44.63 | 127.1       | 48.83 | 135.1       | 52.46 | 141.3       | 55.39 |
|        | 48                              | 70.70                        | 28.80 | 89.20       | 35.62 | 109.2       | 43.85 | 117.6       | 47.62 | 127.1       | 52.00 | 135.1       | 55.85 | 141.3       | 58.49 |
|        | 50                              | 70.70                        | 30.79 | 89.20       | 38.05 | 109.2       | 46.78 | 117.6       | 50.81 | 127.1       | 55.35 | 135.1       | 58.74 | 141.3       | 61.61 |
|        | 52                              | 70.70                        | 32.93 | 89.20       | 40.62 | 109.2       | 49.52 | 117.6       | 52.14 | 127.1       | 56.44 | 128.8       | 56.39 | 129.1       | 56.53 |
| 50     | 10                              | 58.80                        | 5.39  | 74.20       | 7.11  | 91.00       | 9.62  | 98.00       | 10.57 | 105.7       | 11.28 | 112.6       | 11.78 | 117.9       | 12.14 |
|        | 12                              | 58.80                        | 7.44  | 74.20       | 8.70  | 91.00       | 10.10 | 98.00       | 10.84 | 105.7       | 11.62 | 112.6       | 12.32 | 117.9       | 12.93 |
|        | 14                              | 58.80                        | 7.58  | 74.20       | 8.81  | 91.00       | 10.29 | 98.00       | 10.99 | 105.7       | 11.77 | 112.6       | 12.52 | 117.9       | 13.20 |
|        | 16                              | 58.80                        | 7.66  | 74.20       | 8.92  | 91.00       | 10.43 | 98.00       | 11.10 | 105.7       | 12.01 | 112.6       | 12.74 | 117.9       | 13.38 |
|        | 18                              | 58.80                        | 7.71  | 74.20       | 9.05  | 91.00       | 10.57 | 98.00       | 11.38 | 105.7       | 12.29 | 112.6       | 13.34 | 117.9       | 14.12 |
|        | 20                              | 58.80                        | 7.81  | 74.20       | 9.19  | 91.00       | 11.05 | 98.00       | 12.09 | 105.7       | 13.33 | 112.6       | 14.54 | 117.9       | 15.57 |
|        | 21                              | 58.80                        | 7.85  | 74.20       | 9.35  | 91.00       | 11.62 | 98.00       | 12.72 | 105.7       | 14.05 | 112.6       | 15.30 | 117.9       | 16.22 |
|        | 23                              | 58.80                        | 8.18  | 74.20       | 10.15 | 91.00       | 12.73 | 98.00       | 13.99 | 105.7       | 15.53 | 112.6       | 16.99 | 117.9       | 18.08 |
|        | 25                              | 58.80                        | 8.82  | 74.20       | 11.16 | 91.00       | 14.19 | 98.00       | 15.58 | 105.7       | 17.22 | 112.6       | 18.81 | 117.9       | 20.15 |
|        | 27                              | 58.80                        | 9.74  | 74.20       | 12.40 | 91.00       | 15.79 | 98.00       | 17.45 | 105.7       | 19.36 | 112.6       | 21.13 | 117.9       | 22.57 |
|        | 29                              | 58.80                        | 10.86 | 74.20       | 14.03 | 91.00       | 17.92 | 98.00       | 19.69 | 105.7       | 21.87 | 112.6       | 23.87 | 117.9       | 25.30 |
|        | 31                              | 58.80                        | 12.28 | 74.20       | 15.90 | 91.00       | 20.22 | 98.00       | 22.28 | 105.7       | 24.44 | 112.6       | 26.23 | 117.9       | 27.58 |
|        | 33                              | 58.80                        | 14.08 | 74.20       | 18.24 | 91.00       | 22.24 | 98.00       | 24.16 | 105.7       | 26.13 | 112.6       | 27.93 | 117.9       | 29.45 |
|        | 35                              | 58.80                        | 15.98 | 74.20       | 19.60 | 91.00       | 23.88 | 98.00       | 25.73 | 105.7       | 27.89 | 112.6       | 29.82 | 117.9       | 31.39 |
|        | 37                              | 58.80                        | 17.09 | 74.20       | 21.04 | 91.00       | 25.41 | 98.00       | 27.39 | 105.7       | 29.72 | 112.6       | 31.78 | 117.9       | 33.47 |
|        | 39                              | 58.80                        | 18.20 | 74.20       | 22.44 | 91.00       | 27.08 | 98.00       | 29.20 | 105.7       | 31.70 | 112.6       | 33.90 | 117.9       | 35.69 |
|        | 41                              | 58.80                        | 19.41 | 74.20       | 23.91 | 91.00       | 28.89 | 98.00       | 31.15 | 105.7       | 33.79 | 112.6       | 36.16 | 117.9       | 38.06 |
|        | 43                              | 58.80                        | 20.69 | 74.20       | 25.52 | 91.00       | 30.83 | 98.00       | 33.24 | 105.7       | 36.07 | 112.6       | 38.58 | 117.9       | 40.61 |
|        | 46                              | 58.80                        | 22.86 | 74.20       | 28.17 | 91.00       | 34.02 | 98.00       | 36.66 | 105.7       | 39.76 | 112.6       | 42.50 | 117.9       | 44.73 |
|        | 48                              | 58.80                        | 24.50 | 74.20       | 30.09 | 91.00       | 36.31 | 98.00       | 39.12 | 105.7       | 42.41 | 112.6       | 45.36 | 117.9       | 47.73 |
|        | 50                              | 58.80                        | 26.30 | 74.20       | 32.17 | 91.00       | 38.78 | 98.00       | 41.74 | 105.7       | 45.26 | 112.6       | 48.38 | 117.9       | 50.92 |
|        | 52                              | 58.80                        | 28.26 | 74.20       | 34.38 | 91.00       | 41.39 | 98.00       | 44.30 | 105.7       | 47.96 | 112.6       | 49.89 | 117.9       | 52.25 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM720LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 157.3                        | 16.08 | 198.7       | 22.53 | 243.3       | 33.04 | 262.1       | 38.52 | 283.0       | 45.62 | 301.0       | 51.57 | 315.0       | 56.17 |
|        | 12                              | 157.3                        | 17.60 | 198.7       | 24.87 | 243.3       | 36.21 | 262.1       | 42.13 | 283.0       | 49.80 | 301.0       | 55.69 | 315.0       | 60.35 |
|        | 14                              | 157.3                        | 18.60 | 198.7       | 27.44 | 243.3       | 39.77 | 262.1       | 46.22 | 283.0       | 53.34 | 301.0       | 59.62 | 315.0       | 64.88 |
|        | 16                              | 157.3                        | 20.11 | 198.7       | 30.21 | 243.3       | 43.76 | 262.1       | 50.12 | 283.0       | 57.68 | 301.0       | 64.27 | 315.0       | 69.80 |
|        | 18                              | 157.3                        | 22.10 | 198.7       | 33.01 | 243.3       | 47.45 | 262.1       | 54.54 | 283.0       | 62.47 | 301.0       | 68.84 | 314.7       | 73.49 |
|        | 20                              | 157.3                        | 24.46 | 198.7       | 36.26 | 243.3       | 51.88 | 262.1       | 58.83 | 283.0       | 66.24 | 301.0       | 72.85 | 314.3       | 76.46 |
|        | 21                              | 157.3                        | 25.73 | 198.7       | 37.94 | 243.3       | 53.68 | 262.1       | 60.78 | 283.0       | 68.14 | 301.0       | 74.48 | 314.1       | 78.03 |
|        | 23                              | 157.3                        | 28.37 | 198.7       | 41.97 | 243.3       | 57.55 | 262.1       | 64.50 | 283.0       | 72.83 | 301.0       | 77.95 | 313.6       | 81.48 |
|        | 25                              | 157.3                        | 31.67 | 198.7       | 45.48 | 243.3       | 61.45 | 262.1       | 68.77 | 283.0       | 76.52 | 300.6       | 81.70 | 313.0       | 85.29 |
|        | 27                              | 157.3                        | 34.90 | 198.7       | 48.51 | 243.3       | 65.66 | 262.1       | 73.81 | 283.0       | 80.54 | 300.1       | 85.78 | 312.5       | 89.56 |
|        | 29                              | 157.3                        | 37.29 | 198.7       | 51.77 | 243.3       | 70.57 | 262.1       | 77.88 | 283.0       | 84.89 | 299.5       | 90.29 | 311.8       | 94.32 |
|        | 31                              | 157.3                        | 39.79 | 198.7       | 55.38 | 243.3       | 75.18 | 262.1       | 82.28 | 283.0       | 89.70 | 298.8       | 95.38 | 311.2       | 99.78 |
|        | 33                              | 157.3                        | 42.52 | 198.7       | 59.06 | 243.3       | 79.96 | 262.1       | 87.07 | 282.3       | 94.87 | 295.4       | 99.99 | 296.1       | 100.2 |
|        | 35                              | 157.3                        | 45.33 | 198.7       | 63.02 | 243.3       | 84.71 | 262.1       | 92.36 | 277.7       | 98.93 | 278.5       | 99.15 | 279.2       | 99.31 |
|        | 37                              | 157.3                        | 48.35 | 198.7       | 67.31 | 243.3       | 89.91 | 259.1       | 95.96 | 259.4       | 95.97 | 259.1       | 95.93 | 259.0       | 95.90 |
|        | 39                              | 157.3                        | 51.56 | 198.7       | 71.37 | 240.8       | 89.22 | 240.5       | 89.14 | 240.5       | 89.09 | 240.5       | 89.12 | 240.5       | 89.09 |
|        | 41                              | 157.3                        | 54.99 | 198.7       | 74.05 | 222.9       | 83.02 | 222.6       | 82.98 | 222.6       | 82.93 | 222.3       | 82.82 | 222.6       | 82.91 |
|        | 43                              | 157.3                        | 58.46 | 198.7       | 75.31 | 205.4       | 77.76 | 205.1       | 77.75 | 205.1       | 77.65 | 205.1       | 77.70 | 204.7       | 77.61 |
|        | 46                              | 157.3                        | 62.47 | 180.6       | 71.60 | 180.3       | 71.56 | 180.3       | 71.54 | 180.3       | 71.49 | 180.0       | 71.43 | 180.2       | 71.47 |
|        | 48                              | 157.3                        | 66.09 | 164.8       | 69.17 | 164.5       | 69.06 | 164.5       | 69.04 | 164.9       | 69.19 | 164.5       | 69.08 | 164.5       | 69.05 |
|        | 50                              | 150.4                        | 66.14 | 150.0       | 66.04 | 149.7       | 65.89 | 149.7       | 65.96 | 149.7       | 65.91 | 149.4       | 65.84 | 149.4       | 65.83 |
|        | 52                              | 132.8                        | 59.07 | 134.7       | 57.51 | 135.6       | 54.40 | 135.6       | 53.73 | 135.6       | 53.02 | 135.7       | 52.40 | 135.7       | 51.98 |
| 120    | 10                              | 145.4                        | 14.69 | 183.6       | 19.81 | 224.6       | 28.09 | 241.9       | 32.62 | 261.3       | 38.23 | 277.9       | 43.66 | 290.9       | 48.35 |
|        | 12                              | 145.4                        | 15.99 | 183.6       | 21.83 | 224.6       | 31.02 | 241.9       | 35.81 | 261.3       | 41.89 | 277.9       | 47.86 | 290.9       | 52.40 |
|        | 14                              | 145.4                        | 16.82 | 183.6       | 24.07 | 224.6       | 34.13 | 241.9       | 39.35 | 261.3       | 45.95 | 277.9       | 51.64 | 290.9       | 56.11 |
|        | 16                              | 145.4                        | 17.62 | 183.6       | 26.14 | 224.6       | 37.55 | 241.9       | 43.26 | 261.3       | 49.81 | 277.9       | 55.62 | 290.9       | 60.60 |
|        | 18                              | 145.4                        | 19.40 | 183.6       | 28.72 | 224.6       | 41.35 | 241.9       | 47.00 | 261.3       | 53.96 | 277.9       | 60.38 | 290.9       | 65.20 |
|        | 20                              | 145.4                        | 21.39 | 183.6       | 31.64 | 224.6       | 44.88 | 241.9       | 51.39 | 261.3       | 58.21 | 277.9       | 64.55 | 290.9       | 68.96 |
|        | 21                              | 145.4                        | 22.48 | 183.6       | 33.11 | 224.6       | 47.02 | 241.9       | 53.22 | 261.3       | 60.18 | 277.9       | 66.45 | 290.9       | 71.63 |
|        | 23                              | 145.4                        | 25.04 | 183.6       | 36.62 | 224.6       | 50.82 | 241.9       | 57.07 | 261.3       | 64.17 | 277.9       | 70.67 | 290.9       | 75.10 |
|        | 25                              | 145.4                        | 27.85 | 183.6       | 40.41 | 224.6       | 54.13 | 241.9       | 60.99 | 261.3       | 68.41 | 277.9       | 74.96 | 290.9       | 78.84 |
|        | 27                              | 145.4                        | 31.17 | 183.6       | 43.16 | 224.6       | 58.54 | 241.9       | 65.14 | 261.3       | 73.59 | 277.9       | 78.89 | 290.9       | 82.91 |
|        | 29                              | 145.4                        | 33.61 | 183.6       | 46.05 | 224.6       | 62.46 | 241.9       | 69.93 | 261.3       | 77.63 | 277.9       | 83.19 | 290.6       | 87.33 |
|        | 31                              | 145.4                        | 35.92 | 183.6       | 49.25 | 224.6       | 66.49 | 241.9       | 74.47 | 261.3       | 82.01 | 277.9       | 87.89 | 289.9       | 92.14 |
|        | 33                              | 145.4                        | 38.29 | 183.6       | 52.50 | 224.6       | 70.83 | 241.9       | 79.40 | 261.3       | 86.79 | 277.8       | 93.08 | 289.3       | 97.56 |
|        | 35                              | 145.4                        | 40.84 | 183.6       | 56.01 | 224.6       | 75.56 | 241.9       | 84.11 | 261.3       | 92.08 | 277.1       | 98.70 | 278.4       | 99.15 |
|        | 37                              | 145.4                        | 43.57 | 183.6       | 59.77 | 224.6       | 80.74 | 241.9       | 89.27 | 259.4       | 95.99 | 259.4       | 95.99 | 259.1       | 95.93 |
|        | 39                              | 145.4                        | 46.45 | 183.6       | 63.80 | 224.6       | 83.18 | 240.9       | 89.25 | 240.8       | 89.18 | 240.5       | 89.14 | 240.5       | 89.12 |
|        | 41                              | 145.4                        | 49.54 | 183.6       | 67.50 | 223.0       | 83.04 | 222.6       | 82.96 | 222.6       | 82.89 | 222.3       | 82.85 | 222.3       | 82.82 |
|        | 43                              | 145.4                        | 52.86 | 183.6       | 69.51 | 205.4       | 77.82 | 205.4       | 77.75 | 205.1       | 77.68 | 205.1       | 77.68 | 205.1       | 77.71 |
|        | 46                              | 145.4                        | 57.97 | 180.6       | 71.69 | 180.3       | 71.50 | 180.3       | 71.50 | 180.3       | 71.51 | 180.2       | 71.48 | 180.3       | 71.45 |
|        | 48                              | 145.4                        | 61.01 | 164.8       | 69.17 | 164.8       | 69.16 | 164.8       | 69.16 | 164.5       | 69.09 | 164.5       | 69.05 | 164.5       | 69.00 |
|        | 50                              | 145.4                        | 63.98 | 150.0       | 66.00 | 149.7       | 65.96 | 149.7       | 65.95 | 149.7       | 65.95 | 149.7       | 65.96 | 149.7       | 65.83 |
|        | 52                              | 132.4                        | 58.87 | 133.9       | 58.78 | 135.7       | 55.68 | 135.6       | 55.07 | 135.7       | 54.37 | 135.7       | 53.82 | 135.7       | 53.53 |
| 110    | 10                              | 133.2                        | 13.53 | 168.1       | 17.51 | 205.9       | 23.92 | 221.7       | 27.41 | 239.4       | 31.97 | 254.5       | 36.28 | 266.4       | 39.96 |
|        | 12                              | 133.2                        | 14.60 | 168.1       | 19.21 | 205.9       | 26.42 | 221.7       | 30.26 | 239.4       | 35.08 | 254.5       | 39.76 | 266.4       | 43.71 |
|        | 14                              | 133.2                        | 15.09 | 168.1       | 20.59 | 205.9       | 29.16 | 221.7       | 33.29 | 239.4       | 38.58 | 254.5       | 43.61 | 266.4       | 47.99 |
|        | 16                              | 133.2                        | 15.56 | 168.1       | 22.54 | 205.9       | 32.08 | 221.7       | 36.68 | 239.4       | 42.42 | 254.5       | 47.35 | 266.4       | 51.75 |
|        | 18                              | 133.2                        | 16.89 | 168.1       | 24.68 | 205.9       | 35.40 | 221.7       | 40.38 | 239.4       | 46.01 | 254.5       | 51.63 | 266.4       | 56.03 |
|        | 20                              | 133.2                        | 18.63 | 168.1       | 27.31 | 205.9       | 38.57 | 221.7       | 44.02 | 239.4       | 50.29 | 254.5       | 56.08 | 266.4       | 60.35 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 133.2                        | 19.61 | 168.1       | 28.61 | 205.9       | 40.33 | 221.7       | 46.08 | 239.4       | 52.46 | 254.5       | 57.93 | 266.4       | 62.40 |
|        | 23                              | 133.2                        | 21.75 | 168.1       | 31.77 | 205.9       | 44.41 | 221.7       | 49.70 | 239.4       | 56.05 | 254.5       | 61.76 | 266.4       | 66.18 |
|        | 25                              | 133.2                        | 24.42 | 168.1       | 35.04 | 205.9       | 47.46 | 221.7       | 53.16 | 239.4       | 59.97 | 254.5       | 65.88 | 266.4       | 70.57 |
|        | 27                              | 133.2                        | 27.31 | 168.1       | 38.19 | 205.9       | 51.13 | 221.7       | 56.86 | 239.4       | 64.09 | 254.5       | 70.34 | 266.4       | 75.31 |
|        | 29                              | 133.2                        | 30.17 | 168.1       | 40.76 | 205.9       | 54.53 | 221.7       | 61.26 | 239.4       | 68.91 | 254.5       | 75.39 | 266.4       | 79.41 |
|        | 31                              | 133.2                        | 32.18 | 168.1       | 43.50 | 205.9       | 58.37 | 221.7       | 65.21 | 239.4       | 73.35 | 254.5       | 79.66 | 266.4       | 83.92 |
|        | 33                              | 133.2                        | 34.39 | 168.1       | 46.46 | 205.9       | 62.25 | 221.7       | 69.46 | 239.4       | 78.25 | 254.5       | 84.30 | 266.4       | 88.82 |
|        | 35                              | 133.2                        | 36.65 | 168.1       | 49.56 | 205.9       | 66.37 | 221.7       | 74.09 | 239.4       | 83.18 | 254.5       | 89.37 | 266.4       | 94.25 |
|        | 37                              | 133.2                        | 39.08 | 168.1       | 52.84 | 205.9       | 70.78 | 221.7       | 79.14 | 239.4       | 88.24 | 254.5       | 94.98 | 259.1       | 95.90 |
|        | 39                              | 133.2                        | 41.70 | 168.1       | 56.38 | 205.9       | 75.08 | 221.7       | 82.10 | 239.4       | 88.71 | 240.6       | 89.13 | 240.8       | 89.18 |
|        | 41                              | 133.2                        | 44.46 | 168.1       | 60.05 | 205.9       | 76.68 | 221.7       | 82.58 | 223.0       | 83.02 | 222.6       | 82.95 | 222.6       | 82.96 |
|        | 43                              | 133.2                        | 47.44 | 168.1       | 63.69 | 205.3       | 77.72 | 205.4       | 77.82 | 205.4       | 77.78 | 205.0       | 77.70 | 205.1       | 77.68 |
|        | 46                              | 133.2                        | 52.28 | 168.1       | 66.72 | 180.3       | 71.61 | 180.3       | 71.57 | 180.3       | 71.56 | 180.3       | 71.55 | 180.0       | 71.43 |
|        | 48                              | 133.2                        | 55.62 | 164.8       | 69.23 | 164.8       | 69.19 | 164.8       | 69.19 | 164.8       | 69.11 | 164.5       | 69.11 | 164.5       | 69.08 |
|        | 50                              | 133.2                        | 58.67 | 150.1       | 66.13 | 149.8       | 65.98 | 149.7       | 65.97 | 149.7       | 65.95 | 149.7       | 65.91 | 149.7       | 65.89 |
|        | 52                              | 131.7                        | 58.54 | 132.9       | 59.18 | 135.0       | 57.22 | 135.4       | 56.63 | 135.7       | 55.99 | 135.1       | 55.42 | 135.7       | 54.64 |
| 100    | 10                              | 121.0                        | 12.48 | 153.0       | 15.55 | 187.2       | 20.41 | 201.6       | 23.06 | 217.8       | 26.47 | 231.5       | 29.84 | 242.3       | 32.71 |
|        | 12                              | 121.0                        | 13.41 | 153.0       | 16.99 | 187.2       | 22.51 | 201.6       | 25.44 | 217.8       | 29.25 | 231.5       | 32.94 | 242.3       | 35.94 |
|        | 14                              | 121.0                        | 13.65 | 153.0       | 17.95 | 187.2       | 24.82 | 201.6       | 28.11 | 217.8       | 32.28 | 231.5       | 36.14 | 242.3       | 39.47 |
|        | 16                              | 121.0                        | 13.82 | 153.0       | 19.23 | 187.2       | 27.05 | 201.6       | 30.94 | 217.8       | 35.50 | 231.5       | 39.76 | 242.3       | 43.42 |
|        | 18                              | 121.0                        | 14.77 | 153.0       | 21.15 | 187.2       | 29.70 | 201.6       | 33.74 | 217.8       | 39.09 | 231.5       | 43.37 | 242.3       | 47.09 |
|        | 20                              | 121.0                        | 16.15 | 153.0       | 23.26 | 187.2       | 32.67 | 201.6       | 37.07 | 217.8       | 42.53 | 231.5       | 47.31 | 242.3       | 51.44 |
|        | 21                              | 121.0                        | 17.02 | 153.0       | 24.45 | 187.2       | 34.21 | 201.6       | 39.03 | 217.8       | 44.55 | 231.5       | 49.56 | 242.3       | 53.52 |
|        | 23                              | 121.0                        | 18.90 | 153.0       | 27.01 | 187.2       | 37.80 | 201.6       | 42.86 | 217.8       | 48.32 | 231.5       | 53.16 | 242.3       | 57.18 |
|        | 25                              | 121.0                        | 21.12 | 153.0       | 30.20 | 187.2       | 41.56 | 201.6       | 46.38 | 217.8       | 51.68 | 231.5       | 56.83 | 242.3       | 61.04 |
|        | 27                              | 121.0                        | 23.64 | 153.0       | 33.61 | 187.2       | 44.35 | 201.6       | 49.54 | 217.8       | 55.76 | 231.5       | 61.51 | 242.3       | 65.22 |
|        | 29                              | 121.0                        | 26.53 | 153.0       | 35.86 | 187.2       | 47.34 | 201.6       | 52.83 | 217.8       | 59.54 | 231.5       | 65.42 | 242.3       | 70.16 |
|        | 31                              | 121.0                        | 28.75 | 153.0       | 38.35 | 187.2       | 50.66 | 201.6       | 56.52 | 217.8       | 63.49 | 231.5       | 69.64 | 242.3       | 74.71 |
|        | 33                              | 121.0                        | 30.71 | 153.0       | 40.90 | 187.2       | 54.01 | 201.6       | 60.28 | 217.8       | 67.60 | 231.5       | 74.21 | 242.3       | 79.61 |
|        | 35                              | 121.0                        | 32.75 | 153.0       | 43.63 | 187.2       | 57.59 | 201.6       | 64.27 | 217.8       | 72.10 | 231.5       | 79.23 | 242.3       | 84.32 |
|        | 37                              | 121.0                        | 34.90 | 153.0       | 46.51 | 187.2       | 61.47 | 201.6       | 68.63 | 217.8       | 76.98 | 231.5       | 84.78 | 242.3       | 89.48 |
|        | 39                              | 121.0                        | 37.22 | 153.0       | 49.61 | 187.2       | 65.53 | 201.6       | 72.80 | 217.8       | 80.66 | 231.5       | 85.78 | 240.9       | 89.25 |
|        | 41                              | 121.0                        | 39.72 | 153.0       | 52.92 | 187.2       | 69.35 | 201.6       | 75.06 | 217.8       | 81.10 | 222.6       | 82.98 | 222.9       | 82.99 |
|        | 43                              | 121.0                        | 42.37 | 153.0       | 56.33 | 187.2       | 70.89 | 201.6       | 76.33 | 205.1       | 77.76 | 205.4       | 77.80 | 205.4       | 77.77 |
|        | 46                              | 121.0                        | 46.69 | 153.0       | 60.65 | 180.3       | 71.57 | 180.6       | 71.59 | 180.6       | 71.58 | 180.6       | 71.58 | 180.3       | 71.49 |
|        | 48                              | 121.0                        | 49.81 | 153.0       | 64.20 | 165.1       | 69.25 | 164.8       | 69.21 | 164.8       | 69.17 | 164.8       | 69.16 | 164.8       | 69.16 |
|        | 50                              | 121.0                        | 53.16 | 150.1       | 66.05 | 150.0       | 66.01 | 150.0       | 66.00 | 149.7       | 65.93 | 149.7       | 65.90 | 149.7       | 65.89 |
|        | 52                              | 121.0                        | 53.88 | 132.5       | 58.93 | 133.6       | 58.93 | 134.3       | 58.00 | 135.1       | 57.03 | 135.7       | 56.10 | 135.7       | 55.35 |
| 90     | 10                              | 109.1                        | 11.62 | 137.5       | 13.94 | 168.5       | 17.51 | 181.4       | 19.47 | 195.9       | 22.00 | 208.4       | 24.42 | 218.1       | 26.58 |
|        | 12                              | 109.1                        | 11.97 | 137.5       | 15.09 | 168.5       | 19.24 | 181.4       | 21.45 | 195.9       | 24.27 | 208.4       | 26.99 | 218.1       | 29.36 |
|        | 14                              | 109.1                        | 12.11 | 137.5       | 15.63 | 168.5       | 20.62 | 181.4       | 23.63 | 195.9       | 26.80 | 208.4       | 29.80 | 218.1       | 32.32 |
|        | 16                              | 109.1                        | 12.40 | 137.5       | 16.15 | 168.5       | 22.58 | 181.4       | 25.72 | 195.9       | 29.50 | 208.4       | 32.82 | 218.1       | 35.59 |
|        | 18                              | 109.1                        | 12.64 | 137.5       | 17.84 | 168.5       | 24.70 | 181.4       | 28.08 | 195.9       | 32.12 | 208.4       | 36.13 | 218.1       | 38.87 |
|        | 20                              | 109.1                        | 14.01 | 137.5       | 19.69 | 168.5       | 27.34 | 181.4       | 30.96 | 195.9       | 35.31 | 208.4       | 39.37 | 218.1       | 42.77 |
|        | 21                              | 109.1                        | 14.62 | 137.5       | 20.70 | 168.5       | 28.66 | 181.4       | 32.43 | 195.9       | 37.14 | 208.4       | 41.35 | 218.1       | 44.58 |
|        | 23                              | 109.1                        | 16.26 | 137.5       | 22.93 | 168.5       | 31.81 | 181.4       | 35.99 | 195.9       | 40.90 | 208.4       | 45.29 | 218.1       | 48.51 |
|        | 25                              | 109.1                        | 18.20 | 137.5       | 25.55 | 168.5       | 35.33 | 181.4       | 39.77 | 195.9       | 44.49 | 208.4       | 48.82 | 218.1       | 51.95 |
|        | 27                              | 109.1                        | 20.25 | 137.5       | 28.67 | 168.5       | 38.26 | 181.4       | 42.45 | 195.9       | 47.48 | 208.4       | 52.07 | 218.1       | 55.89 |
|        | 29                              | 109.1                        | 22.88 | 137.5       | 31.38 | 168.5       | 40.86 | 181.4       | 45.31 | 195.9       | 50.67 | 208.4       | 55.59 | 218.1       | 59.67 |
|        | 31                              | 109.1                        | 25.56 | 137.5       | 33.50 | 168.5       | 43.66 | 181.4       | 48.44 | 195.9       | 54.20 | 208.4       | 59.36 | 218.1       | 63.66 |
|        | 33                              | 109.1                        | 27.29 | 137.5       | 35.79 | 168.5       | 46.54 | 181.4       | 51.65 | 195.9       | 57.81 | 208.4       | 63.38 | 218.1       | 67.81 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 109.1                        | 29.08 | 137.5       | 38.15 | 168.5       | 49.63 | 181.4       | 55.08 | 195.9       | 61.65 | 208.4       | 67.55 | 218.1       | 72.27 |
|        | 37                              | 109.1                        | 31.00 | 137.5       | 40.67 | 168.5       | 52.95 | 181.4       | 58.74 | 195.9       | 65.84 | 208.4       | 72.06 | 218.1       | 77.18 |
|        | 39                              | 109.1                        | 33.07 | 137.5       | 43.39 | 168.5       | 56.49 | 181.4       | 62.73 | 195.9       | 69.90 | 208.4       | 76.47 | 218.1       | 80.80 |
|        | 41                              | 109.1                        | 35.28 | 137.5       | 46.27 | 168.5       | 60.15 | 181.4       | 66.43 | 195.9       | 73.00 | 208.4       | 77.63 | 218.1       | 81.24 |
|        | 43                              | 109.1                        | 37.64 | 137.5       | 49.36 | 168.5       | 63.79 | 181.4       | 68.71 | 195.9       | 74.22 | 205.4       | 77.82 | 205.4       | 77.78 |
|        | 46                              | 109.1                        | 41.48 | 137.5       | 54.25 | 168.5       | 66.80 | 180.5       | 71.62 | 180.6       | 71.60 | 180.3       | 71.59 | 180.6       | 71.59 |
|        | 48                              | 109.1                        | 44.27 | 137.5       | 57.80 | 165.1       | 69.29 | 164.8       | 69.22 | 164.8       | 69.18 | 164.8       | 69.15 | 164.8       | 69.14 |
|        | 50                              | 109.1                        | 47.24 | 137.5       | 60.60 | 150.1       | 66.13 | 150.0       | 66.10 | 150.0       | 66.03 | 150.0       | 65.99 | 150.0       | 65.98 |
|        | 52                              | 109.1                        | 50.08 | 131.8       | 58.64 | 133.2       | 59.56 | 133.9       | 58.91 | 134.7       | 57.90 | 135.1       | 56.97 | 135.7       | 56.25 |
| 80     | 10                              | 96.80                        | 10.59 | 122.4       | 12.59 | 149.7       | 15.18 | 161.3       | 16.57 | 174.2       | 18.34 | 185.1       | 20.08 | 194.0       | 21.59 |
|        | 12                              | 96.80                        | 10.76 | 122.4       | 13.52 | 149.7       | 16.55 | 161.3       | 18.15 | 174.2       | 20.18 | 185.1       | 22.14 | 194.0       | 23.83 |
|        | 14                              | 96.80                        | 10.90 | 122.4       | 13.76 | 149.7       | 17.45 | 161.3       | 19.24 | 174.2       | 21.74 | 185.1       | 24.41 | 194.0       | 26.32 |
|        | 16                              | 96.80                        | 11.04 | 122.4       | 13.99 | 149.7       | 18.57 | 161.3       | 20.91 | 174.2       | 23.99 | 185.1       | 26.63 | 194.0       | 28.97 |
|        | 18                              | 96.80                        | 11.31 | 122.4       | 14.96 | 149.7       | 20.42 | 161.3       | 23.08 | 174.2       | 26.18 | 185.1       | 29.10 | 194.0       | 31.64 |
|        | 20                              | 96.80                        | 12.01 | 122.4       | 16.38 | 149.7       | 22.46 | 161.3       | 25.40 | 174.2       | 28.90 | 185.1       | 32.03 | 194.0       | 34.79 |
|        | 21                              | 96.80                        | 12.52 | 122.4       | 17.21 | 149.7       | 23.66 | 161.3       | 26.65 | 174.2       | 30.33 | 185.1       | 33.78 | 194.0       | 36.43 |
|        | 23                              | 96.80                        | 13.90 | 122.4       | 19.16 | 149.7       | 26.13 | 161.3       | 29.64 | 174.2       | 33.64 | 185.1       | 37.11 | 194.0       | 40.08 |
|        | 25                              | 96.80                        | 15.41 | 122.4       | 21.38 | 149.7       | 29.25 | 161.3       | 32.79 | 174.2       | 37.23 | 185.1       | 40.99 | 194.0       | 43.78 |
|        | 27                              | 96.80                        | 17.34 | 122.4       | 23.97 | 149.7       | 32.71 | 161.3       | 36.04 | 174.2       | 40.06 | 185.1       | 43.73 | 194.0       | 46.74 |
|        | 29                              | 96.80                        | 19.64 | 122.4       | 26.86 | 149.7       | 34.89 | 161.3       | 38.50 | 174.2       | 42.77 | 185.1       | 46.67 | 194.0       | 49.88 |
|        | 31                              | 96.80                        | 22.07 | 122.4       | 29.08 | 149.7       | 37.25 | 161.3       | 41.07 | 174.2       | 45.67 | 185.1       | 49.92 | 194.0       | 53.35 |
|        | 33                              | 96.80                        | 24.13 | 122.4       | 31.08 | 149.7       | 39.80 | 161.3       | 43.88 | 174.2       | 48.78 | 185.1       | 53.23 | 194.0       | 56.89 |
|        | 35                              | 96.80                        | 25.70 | 122.4       | 33.12 | 149.7       | 42.42 | 161.3       | 46.76 | 174.2       | 52.02 | 185.1       | 56.75 | 194.0       | 60.69 |
|        | 37                              | 96.80                        | 27.37 | 122.4       | 35.30 | 149.7       | 45.26 | 161.3       | 49.89 | 174.2       | 55.46 | 185.1       | 60.55 | 194.0       | 64.80 |
|        | 39                              | 96.80                        | 29.18 | 122.4       | 37.66 | 149.7       | 48.25 | 161.3       | 53.21 | 174.2       | 59.19 | 185.1       | 64.69 | 194.0       | 68.87 |
|        | 41                              | 96.80                        | 31.14 | 122.4       | 40.17 | 149.7       | 51.48 | 161.3       | 56.79 | 174.2       | 62.89 | 185.1       | 68.39 | 194.0       | 72.21 |
|        | 43                              | 96.80                        | 33.23 | 122.4       | 42.85 | 149.7       | 54.92 | 161.3       | 60.23 | 174.2       | 65.97 | 185.1       | 70.17 | 194.0       | 73.43 |
|        | 46                              | 96.80                        | 36.64 | 122.4       | 47.24 | 149.7       | 59.38 | 161.3       | 63.96 | 174.2       | 69.08 | 180.3       | 71.56 | 180.3       | 71.56 |
|        | 48                              | 96.80                        | 39.13 | 122.4       | 50.40 | 149.7       | 62.82 | 161.3       | 67.68 | 164.8       | 69.23 | 164.8       | 69.17 | 164.8       | 69.14 |
|        | 50                              | 96.80                        | 41.77 | 122.4       | 53.78 | 149.7       | 65.90 | 150.1       | 66.11 | 150.0       | 66.04 | 150.1       | 66.02 | 149.8       | 65.98 |
|        | 52                              | 96.80                        | 44.59 | 122.4       | 54.42 | 132.5       | 58.96 | 133.2       | 59.22 | 133.9       | 59.06 | 134.3       | 58.09 | 135.0       | 57.38 |
| 70     | 10                              | 84.90                        | 8.75  | 106.9       | 11.51 | 131.0       | 13.31 | 141.1       | 14.28 | 152.3       | 15.48 | 162.0       | 16.68 | 169.6       | 17.70 |
|        | 12                              | 84.90                        | 9.64  | 106.9       | 11.74 | 131.0       | 14.38 | 141.1       | 15.50 | 152.3       | 16.92 | 162.0       | 18.27 | 169.6       | 19.43 |
|        | 14                              | 84.90                        | 9.75  | 106.9       | 12.00 | 131.0       | 14.77 | 141.1       | 16.13 | 152.3       | 17.82 | 162.0       | 19.40 | 169.6       | 20.93 |
|        | 16                              | 84.90                        | 9.89  | 106.9       | 12.15 | 131.0       | 15.19 | 141.1       | 16.86 | 152.3       | 19.05 | 162.0       | 21.12 | 169.6       | 22.83 |
|        | 18                              | 84.90                        | 10.00 | 106.9       | 12.52 | 131.0       | 16.54 | 141.1       | 18.57 | 152.3       | 20.93 | 162.0       | 23.19 | 169.6       | 24.97 |
|        | 20                              | 84.90                        | 10.30 | 106.9       | 13.65 | 131.0       | 18.13 | 141.1       | 20.45 | 152.3       | 23.07 | 162.0       | 25.48 | 169.6       | 27.62 |
|        | 21                              | 84.90                        | 10.77 | 106.9       | 14.38 | 131.0       | 19.10 | 141.1       | 21.50 | 152.3       | 24.24 | 162.0       | 26.94 | 169.6       | 28.98 |
|        | 23                              | 84.90                        | 11.79 | 106.9       | 15.82 | 131.0       | 21.18 | 141.1       | 23.84 | 152.3       | 26.97 | 162.0       | 29.76 | 169.6       | 32.17 |
|        | 25                              | 84.90                        | 13.05 | 106.9       | 17.74 | 131.0       | 23.80 | 141.1       | 26.68 | 152.3       | 29.95 | 162.0       | 33.12 | 169.6       | 35.67 |
|        | 27                              | 84.90                        | 14.53 | 106.9       | 19.89 | 131.0       | 26.59 | 141.1       | 29.76 | 152.3       | 33.44 | 162.0       | 36.31 | 169.6       | 38.59 |
|        | 29                              | 84.90                        | 16.49 | 106.9       | 22.52 | 131.0       | 29.57 | 141.1       | 32.37 | 152.3       | 35.71 | 162.0       | 38.73 | 169.6       | 41.24 |
|        | 31                              | 84.90                        | 18.71 | 106.9       | 25.07 | 131.0       | 31.58 | 141.1       | 34.60 | 152.3       | 38.13 | 162.0       | 41.44 | 169.6       | 44.10 |
|        | 33                              | 84.90                        | 20.92 | 106.9       | 26.78 | 131.0       | 33.66 | 141.1       | 36.89 | 152.3       | 40.72 | 162.0       | 44.18 | 169.6       | 47.01 |
|        | 35                              | 84.90                        | 22.57 | 106.9       | 28.52 | 131.0       | 35.91 | 141.1       | 39.33 | 152.3       | 43.41 | 162.0       | 47.09 | 169.6       | 50.14 |
|        | 37                              | 84.90                        | 24.02 | 106.9       | 30.38 | 131.0       | 38.28 | 141.1       | 41.95 | 152.3       | 46.32 | 162.0       | 50.23 | 169.6       | 53.47 |
|        | 39                              | 84.90                        | 25.58 | 106.9       | 32.41 | 131.0       | 40.85 | 141.1       | 44.75 | 152.3       | 49.39 | 162.0       | 53.58 | 169.6       | 57.05 |
|        | 41                              | 84.90                        | 27.28 | 106.9       | 34.58 | 131.0       | 43.55 | 141.1       | 47.73 | 152.3       | 52.70 | 162.0       | 57.20 | 169.6       | 60.71 |
|        | 43                              | 84.90                        | 29.13 | 106.9       | 36.90 | 131.0       | 46.45 | 141.1       | 50.90 | 152.3       | 56.09 | 162.0       | 60.65 | 169.6       | 64.38 |
|        | 46                              | 84.90                        | 32.13 | 106.9       | 40.67 | 131.0       | 51.21 | 141.1       | 55.90 | 152.3       | 60.47 | 162.0       | 64.29 | 169.6       | 67.30 |
|        | 48                              | 84.90                        | 34.33 | 106.9       | 43.42 | 131.0       | 54.53 | 141.1       | 59.55 | 152.3       | 63.98 | 162.0       | 68.02 | 165.1       | 69.27 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 84.90                        | 36.68 | 106.9       | 46.32 | 131.0       | 58.05 | 141.1       | 62.09 | 150.1       | 66.11 | 150.1       | 66.02 | 150.0       | 66.07 |
|        | 52                              | 84.90                        | 39.17 | 106.9       | 49.12 | 131.0       | 58.24 | 132.1       | 58.78 | 132.9       | 59.07 | 133.6       | 59.39 | 133.9       | 58.88 |
| 60     | 10                              | 72.70                        | 6.94  | 91.80       | 9.76  | 112.3       | 11.85 | 121.0       | 12.48 | 130.7       | 13.27 | 139.0       | 14.05 | 145.4       | 14.73 |
|        | 12                              | 72.70                        | 8.57  | 91.80       | 10.22 | 112.3       | 12.27 | 121.0       | 13.37 | 130.7       | 14.34 | 139.0       | 15.24 | 145.4       | 16.02 |
|        | 14                              | 72.70                        | 8.67  | 91.80       | 10.38 | 112.3       | 12.55 | 121.0       | 13.62 | 130.7       | 14.80 | 139.0       | 15.81 | 145.4       | 16.79 |
|        | 16                              | 72.70                        | 8.78  | 91.80       | 10.49 | 112.3       | 12.72 | 121.0       | 13.79 | 130.7       | 15.22 | 139.0       | 16.40 | 145.4       | 17.74 |
|        | 18                              | 72.70                        | 8.89  | 91.80       | 10.75 | 112.3       | 13.26 | 121.0       | 14.74 | 130.7       | 16.45 | 139.0       | 18.06 | 145.4       | 19.37 |
|        | 20                              | 72.70                        | 9.00  | 91.80       | 11.26 | 112.3       | 14.53 | 121.0       | 16.11 | 130.7       | 18.16 | 139.0       | 19.92 | 145.4       | 21.55 |
|        | 21                              | 72.70                        | 9.15  | 91.80       | 11.72 | 112.3       | 15.31 | 121.0       | 16.95 | 130.7       | 19.10 | 139.0       | 20.96 | 145.4       | 22.63 |
|        | 23                              | 72.70                        | 9.90  | 91.80       | 12.99 | 112.3       | 17.02 | 121.0       | 18.87 | 130.7       | 21.20 | 139.0       | 23.19 | 145.4       | 25.04 |
|        | 25                              | 72.70                        | 10.91 | 91.80       | 14.39 | 112.3       | 18.87 | 121.0       | 21.08 | 130.7       | 23.61 | 139.0       | 26.06 | 145.4       | 27.83 |
|        | 27                              | 72.70                        | 12.10 | 91.80       | 16.02 | 112.3       | 21.16 | 121.0       | 23.61 | 130.7       | 26.45 | 139.0       | 29.06 | 145.4       | 31.11 |
|        | 29                              | 72.70                        | 13.62 | 91.80       | 18.21 | 112.3       | 23.86 | 121.0       | 26.46 | 130.7       | 29.47 | 139.0       | 31.79 | 145.4       | 33.62 |
|        | 31                              | 72.70                        | 15.59 | 91.80       | 20.70 | 112.3       | 26.38 | 121.0       | 28.71 | 130.7       | 31.44 | 139.0       | 33.94 | 145.4       | 35.93 |
|        | 33                              | 72.70                        | 17.82 | 91.80       | 22.83 | 112.3       | 28.18 | 121.0       | 30.64 | 130.7       | 33.58 | 139.0       | 36.19 | 145.4       | 38.33 |
|        | 35                              | 72.70                        | 19.40 | 91.80       | 24.34 | 112.3       | 30.03 | 121.0       | 32.68 | 130.7       | 35.80 | 139.0       | 38.59 | 145.4       | 40.87 |
|        | 37                              | 72.70                        | 20.64 | 91.80       | 25.90 | 112.3       | 32.03 | 121.0       | 34.82 | 130.7       | 38.16 | 139.0       | 41.14 | 145.4       | 43.57 |
|        | 39                              | 72.70                        | 22.25 | 91.80       | 27.64 | 112.3       | 34.17 | 121.0       | 37.15 | 130.7       | 40.71 | 139.0       | 43.90 | 145.4       | 46.48 |
|        | 41                              | 72.70                        | 23.73 | 91.80       | 29.45 | 112.3       | 36.45 | 121.0       | 39.65 | 130.7       | 43.43 | 139.0       | 46.81 | 145.4       | 49.57 |
|        | 43                              | 72.70                        | 25.32 | 91.80       | 31.44 | 112.3       | 38.88 | 121.0       | 42.30 | 130.7       | 46.31 | 139.0       | 49.94 | 145.4       | 52.89 |
|        | 46                              | 72.70                        | 27.95 | 91.80       | 34.69 | 112.3       | 42.87 | 121.0       | 46.58 | 130.7       | 51.03 | 139.0       | 54.88 | 145.4       | 58.00 |
|        | 48                              | 72.70                        | 29.86 | 91.80       | 37.04 | 112.3       | 45.73 | 121.0       | 49.71 | 130.7       | 54.35 | 139.0       | 58.44 | 145.4       | 61.04 |
|        | 50                              | 72.70                        | 31.92 | 91.80       | 39.57 | 112.3       | 48.78 | 121.0       | 53.05 | 130.7       | 57.87 | 139.0       | 61.15 | 145.4       | 64.01 |
|        | 52                              | 72.70                        | 34.15 | 91.80       | 42.24 | 112.3       | 51.66 | 121.0       | 53.77 | 130.7       | 58.09 | 132.1       | 58.74 | 132.5       | 58.96 |
| 50     | 10                              | 60.50                        | 5.49  | 76.30       | 7.46  | 93.60       | 10.04 | 100.8       | 10.94 | 108.7       | 11.62 | 115.9       | 12.10 | 121.3       | 12.48 |
|        | 12                              | 60.50                        | 7.61  | 76.30       | 8.92  | 93.60       | 10.38 | 100.8       | 11.17 | 108.7       | 12.00 | 115.9       | 12.71 | 121.3       | 13.41 |
|        | 14                              | 60.50                        | 7.71  | 76.30       | 9.03  | 93.60       | 10.61 | 100.8       | 11.32 | 108.7       | 12.15 | 115.9       | 12.93 | 121.3       | 13.66 |
|        | 16                              | 60.50                        | 7.82  | 76.30       | 9.14  | 93.60       | 10.75 | 100.8       | 11.43 | 108.7       | 12.44 | 115.9       | 13.19 | 121.3       | 13.84 |
|        | 18                              | 60.50                        | 7.84  | 76.30       | 9.28  | 93.60       | 10.89 | 100.8       | 11.75 | 108.7       | 12.68 | 115.9       | 13.87 | 121.3       | 14.77 |
|        | 20                              | 60.50                        | 7.95  | 76.30       | 9.41  | 93.60       | 11.47 | 100.8       | 12.60 | 108.7       | 13.90 | 115.9       | 15.20 | 121.3       | 16.33 |
|        | 21                              | 60.50                        | 8.01  | 76.30       | 9.62  | 93.60       | 12.08 | 100.8       | 13.26 | 108.7       | 14.66 | 115.9       | 16.00 | 121.3       | 17.02 |
|        | 23                              | 60.50                        | 8.37  | 76.30       | 10.49 | 93.60       | 13.24 | 100.8       | 14.61 | 108.7       | 16.26 | 115.9       | 17.81 | 121.3       | 18.96 |
|        | 25                              | 60.50                        | 9.09  | 76.30       | 11.56 | 93.60       | 14.83 | 100.8       | 16.32 | 108.7       | 18.03 | 115.9       | 19.73 | 121.3       | 21.12 |
|        | 27                              | 60.50                        | 10.06 | 76.30       | 12.85 | 93.60       | 16.50 | 100.8       | 18.21 | 108.7       | 20.25 | 115.9       | 22.14 | 121.3       | 23.71 |
|        | 29                              | 60.50                        | 11.22 | 76.30       | 14.60 | 93.60       | 18.72 | 100.8       | 20.61 | 108.7       | 22.93 | 115.9       | 25.05 | 121.3       | 26.56 |
|        | 31                              | 60.50                        | 12.74 | 76.30       | 16.53 | 93.60       | 21.11 | 100.8       | 23.30 | 108.7       | 25.55 | 115.9       | 27.32 | 121.3       | 28.75 |
|        | 33                              | 60.50                        | 14.62 | 76.30       | 19.02 | 93.60       | 23.03 | 100.8       | 25.12 | 108.7       | 27.20 | 115.9       | 29.11 | 121.3       | 30.71 |
|        | 35                              | 60.50                        | 16.46 | 76.30       | 20.25 | 93.60       | 24.81 | 100.8       | 26.76 | 108.7       | 29.04 | 115.9       | 31.09 | 121.3       | 32.75 |
|        | 37                              | 60.50                        | 17.69 | 76.30       | 21.82 | 93.60       | 26.41 | 100.8       | 28.50 | 108.7       | 30.96 | 115.9       | 33.13 | 121.3       | 34.93 |
|        | 39                              | 60.50                        | 18.86 | 76.30       | 23.27 | 93.60       | 28.15 | 100.8       | 30.39 | 108.7       | 33.03 | 115.9       | 35.35 | 121.3       | 37.25 |
|        | 41                              | 60.50                        | 20.13 | 76.30       | 24.79 | 93.60       | 30.04 | 100.8       | 32.42 | 108.7       | 35.21 | 115.9       | 37.71 | 121.3       | 39.72 |
|        | 43                              | 60.50                        | 21.47 | 76.30       | 26.46 | 93.60       | 32.06 | 100.8       | 34.60 | 108.7       | 37.60 | 115.9       | 40.24 | 121.3       | 42.38 |
|        | 46                              | 60.50                        | 23.74 | 76.30       | 29.23 | 93.60       | 35.39 | 100.8       | 38.17 | 108.7       | 41.44 | 115.9       | 44.34 | 121.3       | 46.69 |
|        | 48                              | 60.50                        | 25.46 | 76.30       | 31.22 | 93.60       | 37.77 | 100.8       | 40.74 | 108.7       | 44.20 | 115.9       | 47.32 | 121.3       | 49.82 |
|        | 50                              | 60.50                        | 27.35 | 76.30       | 33.38 | 93.60       | 40.34 | 100.8       | 43.46 | 108.7       | 47.17 | 115.9       | 50.47 | 121.3       | 53.16 |
|        | 52                              | 60.50                        | 29.41 | 76.30       | 35.68 | 93.60       | 43.05 | 100.8       | 46.14 | 108.7       | 50.01 | 115.9       | 51.48 | 121.3       | 53.88 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM740LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 161.7                        | 16.46 | 204.3       | 22.80 | 250.1       | 33.20 | 269.3       | 38.68 | 290.8       | 45.88 | 309.3       | 52.05 | 323.5       | 56.89 |
|        | 12                              | 161.7                        | 17.96 | 204.3       | 25.13 | 250.1       | 36.46 | 269.3       | 42.34 | 290.8       | 49.95 | 309.3       | 56.01 | 323.4       | 60.78 |
|        | 14                              | 161.7                        | 18.99 | 204.3       | 27.67 | 250.1       | 40.03 | 269.3       | 46.34 | 290.8       | 53.38 | 309.3       | 59.78 | 323.3       | 65.03 |
|        | 16                              | 161.7                        | 20.39 | 204.3       | 30.50 | 250.1       | 43.95 | 269.3       | 50.05 | 290.8       | 57.61 | 309.3       | 64.26 | 323.1       | 69.67 |
|        | 18                              | 161.7                        | 22.38 | 204.3       | 33.30 | 250.1       | 47.54 | 269.3       | 54.38 | 290.8       | 62.27 | 309.3       | 68.70 | 322.8       | 73.35 |
|        | 20                              | 161.7                        | 24.80 | 204.3       | 36.55 | 250.1       | 52.00 | 269.3       | 58.72 | 290.8       | 66.14 | 309.3       | 72.96 | 322.5       | 76.57 |
|        | 21                              | 161.7                        | 26.05 | 204.3       | 38.18 | 250.1       | 53.86 | 269.3       | 60.65 | 290.8       | 68.18 | 309.3       | 74.72 | 322.3       | 78.26 |
|        | 23                              | 161.7                        | 28.76 | 204.3       | 42.29 | 250.1       | 57.82 | 269.3       | 64.66 | 290.8       | 73.09 | 309.3       | 78.21 | 321.8       | 81.68 |
|        | 25                              | 161.7                        | 32.03 | 204.3       | 45.97 | 250.1       | 61.68 | 269.3       | 68.96 | 290.8       | 76.65 | 308.8       | 81.76 | 321.3       | 85.33 |
|        | 27                              | 161.7                        | 35.41 | 204.3       | 49.12 | 250.1       | 65.83 | 269.3       | 73.90 | 290.8       | 80.53 | 308.2       | 85.69 | 320.8       | 89.45 |
|        | 29                              | 161.7                        | 37.84 | 204.3       | 52.29 | 250.1       | 70.67 | 269.3       | 77.86 | 290.8       | 84.72 | 307.7       | 90.06 | 320.2       | 94.06 |
|        | 31                              | 161.7                        | 40.31 | 204.3       | 55.69 | 250.1       | 75.20 | 269.3       | 82.15 | 290.8       | 89.34 | 307.0       | 95.01 | 319.5       | 99.38 |
|        | 33                              | 161.7                        | 42.96 | 204.3       | 59.34 | 250.1       | 79.89 | 269.3       | 86.79 | 290.3       | 94.40 | 303.6       | 99.49 | 304.4       | 99.64 |
|        | 35                              | 161.7                        | 45.76 | 204.3       | 63.25 | 250.1       | 84.51 | 269.3       | 91.90 | 285.7       | 98.34 | 286.7       | 98.52 | 287.5       | 98.65 |
|        | 37                              | 161.7                        | 48.77 | 204.3       | 67.46 | 250.1       | 89.57 | 266.9       | 95.50 | 268.1       | 95.70 | 267.8       | 95.66 | 267.8       | 95.63 |
|        | 39                              | 161.7                        | 51.96 | 204.3       | 71.91 | 248.0       | 89.79 | 248.2       | 89.88 | 248.3       | 89.84 | 248.2       | 89.86 | 248.2       | 89.82 |
|        | 41                              | 161.7                        | 55.38 | 204.3       | 75.18 | 229.6       | 84.35 | 229.2       | 84.31 | 229.2       | 84.24 | 228.9       | 84.16 | 229.2       | 84.24 |
|        | 43                              | 161.7                        | 59.08 | 204.3       | 76.89 | 211.0       | 79.32 | 210.6       | 79.32 | 210.6       | 79.21 | 210.6       | 79.29 | 210.4       | 79.21 |
|        | 46                              | 161.7                        | 63.51 | 184.8       | 73.05 | 184.4       | 73.00 | 184.4       | 72.98 | 184.4       | 72.96 | 184.1       | 72.89 | 184.4       | 72.93 |
|        | 48                              | 161.7                        | 67.33 | 168.1       | 69.96 | 167.7       | 69.86 | 167.8       | 69.84 | 168.1       | 69.95 | 167.7       | 69.87 | 167.7       | 69.87 |
|        | 50                              | 152.9                        | 66.31 | 152.6       | 66.20 | 152.2       | 66.07 | 152.2       | 66.11 | 152.2       | 66.06 | 151.9       | 66.00 | 151.9       | 65.99 |
|        | 52                              | 135.2                        | 58.68 | 136.6       | 57.21 | 137.5       | 54.73 | 137.5       | 54.20 | 137.5       | 53.63 | 137.5       | 53.10 | 137.5       | 52.77 |
| 120    | 10                              | 149.5                        | 15.09 | 188.7       | 20.12 | 230.9       | 28.32 | 248.6       | 32.80 | 268.6       | 38.47 | 285.6       | 43.99 | 298.9       | 48.68 |
|        | 12                              | 149.5                        | 16.38 | 188.7       | 22.13 | 230.9       | 31.21 | 248.6       | 36.06 | 268.6       | 42.12 | 285.6       | 47.99 | 298.9       | 52.61 |
|        | 14                              | 149.5                        | 17.27 | 188.7       | 24.35 | 230.9       | 34.38 | 248.6       | 39.60 | 268.6       | 46.09 | 285.6       | 51.67 | 298.9       | 56.19 |
|        | 16                              | 149.5                        | 17.85 | 188.7       | 26.46 | 230.9       | 37.83 | 248.6       | 43.45 | 268.6       | 49.74 | 285.6       | 55.54 | 298.9       | 60.54 |
|        | 18                              | 149.5                        | 19.64 | 188.7       | 29.06 | 230.9       | 41.64 | 248.6       | 47.11 | 268.6       | 53.80 | 285.6       | 60.19 | 298.9       | 65.00 |
|        | 20                              | 149.5                        | 21.64 | 188.7       | 31.97 | 230.9       | 45.15 | 248.6       | 51.50 | 268.6       | 58.18 | 285.6       | 64.40 | 298.9       | 68.94 |
|        | 21                              | 149.5                        | 22.78 | 188.7       | 33.44 | 230.9       | 47.37 | 248.6       | 53.39 | 268.6       | 60.04 | 285.6       | 66.44 | 298.9       | 71.75 |
|        | 23                              | 149.5                        | 25.37 | 188.7       | 36.91 | 230.9       | 51.32 | 248.6       | 57.35 | 268.6       | 64.32 | 285.6       | 70.92 | 298.9       | 75.36 |
|        | 25                              | 149.5                        | 28.23 | 188.7       | 40.85 | 230.9       | 54.73 | 248.6       | 61.22 | 268.6       | 68.59 | 285.6       | 75.10 | 298.9       | 78.95 |
|        | 27                              | 149.5                        | 31.63 | 188.7       | 43.76 | 230.9       | 58.95 | 248.6       | 65.31 | 268.6       | 73.69 | 285.6       | 78.91 | 298.9       | 82.86 |
|        | 29                              | 149.5                        | 34.18 | 188.7       | 46.59 | 230.9       | 62.65 | 248.6       | 70.03 | 268.6       | 77.62 | 285.6       | 83.06 | 298.7       | 87.11 |
|        | 31                              | 149.5                        | 36.40 | 188.7       | 49.63 | 230.9       | 66.62 | 248.6       | 74.50 | 268.6       | 81.88 | 285.6       | 87.59 | 298.1       | 91.79 |
|        | 33                              | 149.5                        | 38.77 | 188.7       | 52.86 | 230.9       | 70.90 | 248.6       | 79.34 | 268.6       | 86.52 | 285.6       | 92.59 | 297.4       | 97.07 |
|        | 35                              | 149.5                        | 41.31 | 188.7       | 56.33 | 230.9       | 75.56 | 248.6       | 83.93 | 268.6       | 91.63 | 285.1       | 98.12 | 286.5       | 98.53 |
|        | 37                              | 149.5                        | 44.03 | 188.7       | 60.06 | 230.9       | 80.66 | 248.6       | 88.95 | 267.1       | 95.50 | 268.1       | 95.72 | 267.8       | 95.67 |
|        | 39                              | 149.5                        | 46.90 | 188.7       | 64.06 | 230.9       | 83.69 | 247.7       | 89.74 | 248.5       | 89.92 | 248.2       | 89.88 | 248.2       | 89.85 |
|        | 41                              | 149.5                        | 49.98 | 188.7       | 68.39 | 229.4       | 84.28 | 229.3       | 84.29 | 229.2       | 84.22 | 228.9       | 84.18 | 229.0       | 84.17 |
|        | 43                              | 149.5                        | 53.29 | 188.7       | 70.93 | 211.0       | 79.38 | 211.0       | 79.32 | 210.6       | 79.25 | 210.7       | 79.26 | 210.6       | 79.28 |
|        | 46                              | 149.5                        | 58.70 | 184.7       | 73.12 | 184.4       | 72.93 | 184.4       | 72.93 | 184.4       | 72.97 | 184.4       | 72.92 | 184.4       | 72.89 |
|        | 48                              | 149.5                        | 61.88 | 168.1       | 69.95 | 168.0       | 69.95 | 168.1       | 69.96 | 167.7       | 69.88 | 167.7       | 69.85 | 167.7       | 69.79 |
|        | 50                              | 149.0                        | 64.61 | 152.6       | 66.18 | 152.2       | 66.12 | 152.2       | 66.12 | 152.2       | 66.11 | 152.2       | 66.11 | 152.0       | 65.93 |
|        | 52                              | 134.9                        | 58.53 | 136.0       | 58.25 | 137.5       | 55.76 | 137.5       | 55.27 | 137.5       | 54.70 | 137.5       | 54.26 | 137.5       | 54.01 |
| 110    | 10                              | 136.9                        | 13.94 | 172.8       | 17.86 | 211.6       | 24.19 | 227.9       | 27.64 | 246.1       | 32.18 | 261.6       | 36.44 | 273.8       | 40.14 |
|        | 12                              | 136.9                        | 15.02 | 172.8       | 19.54 | 211.6       | 26.65 | 227.9       | 30.46 | 246.1       | 35.38 | 261.6       | 39.97 | 273.8       | 43.92 |
|        | 14                              | 136.9                        | 15.45 | 172.8       | 20.96 | 211.6       | 29.37 | 227.9       | 33.56 | 246.1       | 38.86 | 261.6       | 43.79 | 273.8       | 48.00 |
|        | 16                              | 136.9                        | 15.81 | 172.8       | 22.84 | 211.6       | 32.37 | 227.9       | 36.95 | 246.1       | 42.68 | 261.6       | 47.41 | 273.8       | 51.68 |
|        | 18                              | 136.9                        | 17.06 | 172.8       | 25.03 | 211.6       | 35.66 | 227.9       | 40.65 | 246.1       | 46.15 | 261.6       | 51.59 | 273.8       | 55.85 |
|        | 20                              | 136.9                        | 18.83 | 172.8       | 27.72 | 211.6       | 38.81 | 227.9       | 44.24 | 246.1       | 50.48 | 261.6       | 56.11 | 273.8       | 60.11 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 136.9                        | 19.86 | 172.8       | 29.04 | 211.6       | 40.52 | 227.9       | 46.39 | 246.1       | 52.70 | 261.6       | 57.95 | 273.8       | 62.30 |
|        | 23                              | 136.9                        | 22.05 | 172.8       | 32.13 | 211.6       | 44.81 | 227.9       | 50.19 | 246.1       | 56.36 | 261.6       | 61.86 | 273.8       | 66.37 |
|        | 25                              | 136.9                        | 24.72 | 172.8       | 35.42 | 211.6       | 48.05 | 227.9       | 53.82 | 246.1       | 60.21 | 261.6       | 66.08 | 273.8       | 70.74 |
|        | 27                              | 136.9                        | 27.70 | 172.8       | 38.71 | 211.6       | 51.75 | 227.9       | 57.37 | 246.1       | 64.27 | 261.6       | 70.46 | 273.8       | 75.38 |
|        | 29                              | 136.9                        | 30.76 | 172.8       | 41.32 | 211.6       | 55.07 | 227.9       | 61.46 | 246.1       | 69.02 | 261.6       | 75.42 | 273.8       | 79.37 |
|        | 31                              | 136.9                        | 32.74 | 172.8       | 44.01 | 211.6       | 58.65 | 227.9       | 65.37 | 246.1       | 73.40 | 261.6       | 79.59 | 273.8       | 83.74 |
|        | 33                              | 136.9                        | 34.88 | 172.8       | 46.87 | 211.6       | 62.47 | 227.9       | 69.55 | 246.1       | 78.20 | 261.6       | 84.11 | 273.8       | 88.48 |
|        | 35                              | 136.9                        | 37.14 | 172.8       | 49.95 | 211.6       | 66.51 | 227.9       | 74.11 | 246.1       | 83.03 | 261.6       | 89.02 | 273.8       | 93.71 |
|        | 37                              | 136.9                        | 39.57 | 172.8       | 53.22 | 211.6       | 70.88 | 227.9       | 79.08 | 246.1       | 87.96 | 261.6       | 94.44 | 267.8       | 95.63 |
|        | 39                              | 136.9                        | 42.18 | 172.8       | 56.74 | 211.6       | 75.61 | 227.9       | 82.61 | 246.1       | 89.16 | 248.2       | 89.86 | 248.6       | 89.93 |
|        | 41                              | 136.9                        | 44.95 | 172.8       | 60.52 | 211.6       | 77.83 | 227.9       | 83.76 | 229.5       | 84.34 | 229.2       | 84.27 | 229.2       | 84.27 |
|        | 43                              | 136.9                        | 47.92 | 172.8       | 64.59 | 210.9       | 79.31 | 211.0       | 79.39 | 211.0       | 79.35 | 210.6       | 79.28 | 210.7       | 79.27 |
|        | 46                              | 136.9                        | 52.74 | 172.8       | 68.13 | 184.4       | 73.05 | 184.4       | 73.02 | 184.4       | 73.00 | 184.4       | 73.01 | 184.1       | 72.90 |
|        | 48                              | 136.9                        | 56.23 | 168.1       | 70.04 | 168.1       | 70.00 | 168.1       | 70.00 | 168.0       | 69.92 | 167.8       | 69.93 | 167.8       | 69.91 |
|        | 50                              | 136.9                        | 59.44 | 152.6       | 66.29 | 152.3       | 66.14 | 152.2       | 66.12 | 152.2       | 66.09 | 152.2       | 66.07 | 152.2       | 66.07 |
| 100    | 52                              | 134.3                        | 58.26 | 135.2       | 58.77 | 137.0       | 57.00 | 137.2       | 56.50 | 137.5       | 56.00 | 136.9       | 55.56 | 137.5       | 54.95 |
|        | 10                              | 124.4                        | 12.65 | 157.2       | 15.94 | 192.4       | 20.72 | 207.2       | 23.33 | 223.8       | 26.71 | 237.9       | 30.06 | 249.0       | 32.94 |
|        | 12                              | 124.4                        | 13.73 | 157.2       | 17.37 | 192.4       | 22.80 | 207.2       | 25.69 | 223.8       | 29.45 | 237.9       | 33.12 | 249.0       | 36.20 |
|        | 14                              | 124.4                        | 13.96 | 157.2       | 18.38 | 192.4       | 25.09 | 207.2       | 28.33 | 223.8       | 32.45 | 237.9       | 36.43 | 249.0       | 39.75 |
|        | 16                              | 124.4                        | 14.14 | 157.2       | 19.46 | 192.4       | 27.36 | 207.2       | 31.20 | 223.8       | 35.76 | 237.9       | 40.09 | 249.0       | 43.63 |
|        | 18                              | 124.4                        | 14.89 | 157.2       | 21.43 | 192.4       | 30.03 | 207.2       | 34.02 | 223.8       | 39.36 | 237.9       | 43.62 | 249.0       | 47.17 |
|        | 20                              | 124.4                        | 16.33 | 157.2       | 23.57 | 192.4       | 32.99 | 207.2       | 37.33 | 223.8       | 42.72 | 237.9       | 47.55 | 249.0       | 51.59 |
|        | 21                              | 124.4                        | 17.21 | 157.2       | 24.75 | 192.4       | 34.53 | 207.2       | 39.24 | 223.8       | 44.81 | 237.9       | 49.85 | 249.0       | 53.72 |
|        | 23                              | 124.4                        | 19.18 | 157.2       | 27.38 | 192.4       | 38.07 | 207.2       | 43.18 | 223.8       | 48.77 | 237.9       | 53.58 | 249.0       | 57.44 |
|        | 25                              | 124.4                        | 21.41 | 157.2       | 30.60 | 192.4       | 42.03 | 207.2       | 46.94 | 223.8       | 52.34 | 237.9       | 57.33 | 249.0       | 61.27 |
|        | 27                              | 124.4                        | 23.99 | 157.2       | 34.10 | 192.4       | 44.97 | 207.2       | 50.14 | 223.8       | 56.33 | 237.9       | 61.72 | 249.0       | 65.39 |
|        | 29                              | 124.4                        | 27.11 | 157.2       | 36.45 | 192.4       | 47.90 | 207.2       | 53.36 | 223.8       | 59.88 | 237.9       | 65.58 | 249.0       | 70.27 |
|        | 31                              | 124.4                        | 29.33 | 157.2       | 38.82 | 192.4       | 51.02 | 207.2       | 56.82 | 223.8       | 63.66 | 237.9       | 69.73 | 249.0       | 74.73 |
|        | 33                              | 124.4                        | 31.23 | 157.2       | 41.36 | 192.4       | 54.35 | 207.2       | 60.54 | 223.8       | 67.72 | 237.9       | 74.23 | 249.0       | 79.54 |
| 90     | 35                              | 124.4                        | 33.26 | 157.2       | 44.08 | 192.4       | 57.90 | 207.2       | 64.50 | 223.8       | 72.16 | 237.9       | 79.17 | 249.0       | 84.14 |
|        | 37                              | 124.4                        | 35.41 | 157.2       | 46.95 | 192.4       | 61.74 | 207.2       | 68.76 | 223.8       | 76.97 | 237.9       | 84.62 | 249.0       | 89.16 |
|        | 39                              | 124.4                        | 37.73 | 157.2       | 50.03 | 192.4       | 65.88 | 207.2       | 73.34 | 223.8       | 81.17 | 237.9       | 86.26 | 247.8       | 89.77 |
|        | 41                              | 124.4                        | 40.23 | 157.2       | 53.34 | 192.4       | 70.36 | 207.2       | 76.20 | 223.8       | 82.27 | 229.2       | 84.31 | 229.5       | 84.31 |
|        | 43                              | 124.4                        | 42.88 | 157.2       | 56.86 | 192.4       | 72.40 | 207.2       | 77.92 | 210.6       | 79.31 | 211.0       | 79.38 | 211.0       | 79.35 |
|        | 46                              | 124.4                        | 47.19 | 157.2       | 61.57 | 184.5       | 73.03 | 184.7       | 73.04 | 184.7       | 73.03 | 184.7       | 73.04 | 184.4       | 72.96 |
|        | 48                              | 124.4                        | 50.31 | 157.2       | 65.29 | 168.4       | 70.05 | 168.0       | 70.01 | 168.1       | 69.98 | 168.0       | 69.95 | 168.1       | 69.96 |
|        | 50                              | 124.4                        | 53.65 | 152.6       | 66.21 | 152.5       | 66.16 | 152.5       | 66.16 | 152.2       | 66.09 | 152.2       | 66.07 | 152.2       | 66.07 |
|        | 52                              | 124.4                        | 54.93 | 134.8       | 58.55 | 135.7       | 58.40 | 136.4       | 57.66 | 136.9       | 56.87 | 137.5       | 56.11 | 137.5       | 55.52 |
|        | 10                              | 112.1                        | 11.57 | 141.4       | 14.35 | 173.1       | 17.86 | 186.5       | 19.79 | 201.3       | 22.28 | 214.2       | 24.68 | 224.2       | 26.81 |
|        | 12                              | 112.1                        | 12.20 | 141.4       | 15.49 | 173.1       | 19.58 | 186.5       | 21.76 | 201.3       | 24.54 | 214.2       | 27.22 | 224.2       | 29.56 |
|        | 14                              | 112.1                        | 12.34 | 141.4       | 16.00 | 173.1       | 21.00 | 186.5       | 23.91 | 201.3       | 27.04 | 214.2       | 30.00 | 224.2       | 32.56 |
|        | 16                              | 112.1                        | 12.64 | 141.4       | 16.37 | 173.1       | 22.87 | 186.5       | 26.04 | 201.3       | 29.76 | 214.2       | 33.07 | 224.2       | 35.87 |
|        | 18                              | 112.1                        | 12.80 | 141.4       | 18.04 | 173.1       | 25.05 | 186.5       | 28.42 | 201.3       | 32.41 | 214.2       | 36.40 | 224.2       | 39.12 |
|        | 20                              | 112.1                        | 14.15 | 141.4       | 19.93 | 173.1       | 27.75 | 186.5       | 31.29 | 201.3       | 35.58 | 214.2       | 39.62 | 224.2       | 42.98 |
|        | 21                              | 112.1                        | 14.78 | 141.4       | 20.96 | 173.1       | 29.07 | 186.5       | 32.76 | 201.3       | 37.42 | 214.2       | 41.57 | 224.2       | 44.86 |
|        | 23                              | 112.1                        | 16.43 | 141.4       | 23.23 | 173.1       | 32.17 | 186.5       | 36.16 | 201.3       | 41.21 | 214.2       | 45.66 | 224.2       | 48.97 |
|        | 25                              | 112.1                        | 18.42 | 141.4       | 25.89 | 173.1       | 35.67 | 186.5       | 40.18 | 201.3       | 44.97 | 214.2       | 49.40 | 224.2       | 52.58 |
|        | 27                              | 112.1                        | 20.56 | 141.4       | 29.14 | 173.1       | 38.78 | 186.5       | 43.02 | 201.3       | 48.09 | 214.2       | 52.71 | 224.2       | 56.47 |
|        | 29                              | 112.1                        | 23.25 | 141.4       | 31.98 | 173.1       | 41.39 | 186.5       | 45.82 | 201.3       | 51.20 | 214.2       | 56.10 | 224.2       | 60.02 |
|        | 31                              | 112.1                        | 26.18 | 141.4       | 34.06 | 173.1       | 44.08 | 186.5       | 48.82 | 201.3       | 54.52 | 214.2       | 59.74 | 224.2       | 63.83 |
|        | 33                              | 112.1                        | 27.82 | 141.4       | 36.27 | 173.1       | 46.95 | 186.5       | 52.01 | 201.3       | 58.10 | 214.2       | 63.56 | 224.2       | 67.92 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 112.1                        | 29.61 | 141.4       | 38.64 | 173.1       | 50.03 | 186.5       | 55.42 | 201.3       | 61.91 | 214.2       | 67.68 | 224.2       | 72.33 |
|        | 37                              | 112.1                        | 31.53 | 141.4       | 41.15 | 173.1       | 53.33 | 186.5       | 59.05 | 201.3       | 66.04 | 214.2       | 72.13 | 224.2       | 77.17 |
|        | 39                              | 112.1                        | 33.60 | 141.4       | 43.86 | 173.1       | 56.85 | 186.5       | 63.00 | 201.3       | 70.44 | 214.2       | 77.00 | 224.2       | 81.32 |
|        | 41                              | 112.1                        | 35.81 | 141.4       | 46.73 | 173.1       | 60.62 | 186.5       | 67.26 | 201.3       | 74.12 | 214.2       | 78.78 | 224.2       | 82.42 |
|        | 43                              | 112.1                        | 38.17 | 141.4       | 49.82 | 173.1       | 64.70 | 186.5       | 70.05 | 201.3       | 75.78 | 211.0       | 79.37 | 211.0       | 79.34 |
|        | 46                              | 112.1                        | 42.01 | 141.4       | 54.83 | 173.1       | 68.21 | 184.7       | 73.10 | 184.7       | 73.03 | 184.4       | 73.03 | 184.7       | 73.05 |
|        | 48                              | 112.1                        | 44.80 | 141.4       | 58.50 | 168.3       | 70.07 | 168.1       | 70.03 | 168.1       | 69.99 | 168.1       | 69.97 | 168.0       | 69.95 |
|        | 50                              | 112.1                        | 47.76 | 141.4       | 61.47 | 152.5       | 66.28 | 152.5       | 66.25 | 152.6       | 66.20 | 152.5       | 66.15 | 152.5       | 66.16 |
|        | 52                              | 112.1                        | 50.95 | 134.2       | 58.31 | 135.5       | 59.13 | 136.1       | 58.38 | 136.6       | 57.56 | 136.9       | 56.79 | 137.5       | 56.23 |
| 80     | 10                              | 99.50                        | 10.45 | 125.8       | 12.78 | 153.9       | 15.57 | 165.7       | 16.93 | 179.1       | 18.68 | 190.2       | 20.39 | 199.4       | 21.88 |
|        | 12                              | 99.50                        | 10.93 | 125.8       | 13.83 | 153.9       | 16.93 | 165.7       | 18.51 | 179.1       | 20.50 | 190.2       | 22.43 | 199.4       | 24.09 |
|        | 14                              | 99.50                        | 11.04 | 125.8       | 14.07 | 153.9       | 17.86 | 165.7       | 19.63 | 179.1       | 22.09 | 190.2       | 24.68 | 199.4       | 26.56 |
|        | 16                              | 99.50                        | 11.21 | 125.8       | 14.28 | 153.9       | 18.78 | 165.7       | 21.19 | 179.1       | 24.35 | 190.2       | 26.95 | 199.4       | 29.25 |
|        | 18                              | 99.50                        | 11.48 | 125.8       | 15.10 | 153.9       | 20.66 | 165.7       | 23.40 | 179.1       | 26.58 | 190.2       | 29.43 | 199.4       | 31.95 |
|        | 20                              | 99.50                        | 12.10 | 125.8       | 16.55 | 153.9       | 22.76 | 165.7       | 25.74 | 179.1       | 29.30 | 190.2       | 32.35 | 199.4       | 35.08 |
|        | 21                              | 99.50                        | 12.64 | 125.8       | 17.43 | 153.9       | 23.94 | 165.7       | 27.00 | 179.1       | 30.70 | 190.2       | 34.07 | 199.4       | 36.67 |
|        | 23                              | 99.50                        | 14.04 | 125.8       | 19.40 | 153.9       | 26.49 | 165.7       | 30.05 | 179.1       | 33.94 | 190.2       | 37.37 | 199.4       | 40.39 |
|        | 25                              | 99.50                        | 15.60 | 125.8       | 21.67 | 153.9       | 29.66 | 165.7       | 33.15 | 179.1       | 37.62 | 190.2       | 41.40 | 199.4       | 44.26 |
|        | 27                              | 99.50                        | 17.61 | 125.8       | 24.35 | 153.9       | 33.18 | 165.7       | 36.55 | 179.1       | 40.64 | 190.2       | 44.35 | 199.4       | 47.35 |
|        | 29                              | 99.50                        | 19.98 | 125.8       | 27.41 | 153.9       | 35.46 | 165.7       | 39.05 | 179.1       | 43.33 | 190.2       | 47.21 | 199.4       | 50.43 |
|        | 31                              | 99.50                        | 22.59 | 125.8       | 29.66 | 153.9       | 37.79 | 165.7       | 41.59 | 179.1       | 46.16 | 190.2       | 50.29 | 199.4       | 53.68 |
|        | 33                              | 99.50                        | 24.67 | 125.8       | 31.59 | 153.9       | 40.26 | 165.7       | 44.31 | 179.1       | 49.17 | 190.2       | 53.58 | 199.4       | 57.19 |
|        | 35                              | 99.50                        | 26.23 | 125.8       | 33.63 | 153.9       | 42.88 | 165.7       | 47.18 | 179.1       | 52.39 | 190.2       | 57.06 | 199.4       | 60.96 |
|        | 37                              | 99.50                        | 27.91 | 125.8       | 35.81 | 153.9       | 45.70 | 165.7       | 50.30 | 179.1       | 55.81 | 190.2       | 60.84 | 199.4       | 65.02 |
|        | 39                              | 99.50                        | 29.72 | 125.8       | 38.17 | 153.9       | 48.68 | 165.7       | 53.60 | 179.1       | 59.51 | 190.2       | 64.93 | 199.4       | 69.41 |
|        | 41                              | 99.50                        | 31.68 | 125.8       | 40.67 | 153.9       | 51.91 | 165.7       | 57.16 | 179.1       | 63.50 | 190.2       | 69.33 | 199.4       | 73.32 |
|        | 43                              | 99.50                        | 33.78 | 125.8       | 43.36 | 153.9       | 55.33 | 165.7       | 60.95 | 179.1       | 67.05 | 190.2       | 71.65 | 199.4       | 74.98 |
|        | 46                              | 99.50                        | 37.18 | 125.8       | 47.74 | 153.9       | 60.21 | 165.7       | 65.12 | 179.1       | 70.73 | 184.5       | 73.03 | 184.4       | 73.01 |
|        | 48                              | 99.50                        | 39.68 | 125.8       | 50.89 | 153.9       | 63.82 | 165.4       | 68.87 | 168.1       | 70.03 | 168.1       | 69.97 | 168.0       | 69.92 |
|        | 50                              | 99.50                        | 42.32 | 125.8       | 54.27 | 152.5       | 66.19 | 152.5       | 66.24 | 152.5       | 66.20 | 152.6       | 66.17 | 152.2       | 66.12 |
|        | 52                              | 99.50                        | 45.14 | 125.8       | 55.50 | 134.9       | 58.59 | 135.5       | 58.80 | 136.0       | 58.49 | 136.3       | 57.71 | 136.9       | 57.13 |
| 70     | 10                              | 87.30                        | 8.67  | 109.9       | 11.43 | 134.7       | 13.69 | 145.0       | 14.68 | 156.5       | 15.87 | 166.5       | 17.04 | 174.3       | 18.04 |
|        | 12                              | 87.30                        | 9.75  | 109.9       | 11.93 | 134.7       | 14.80 | 145.0       | 15.90 | 156.5       | 17.29 | 166.5       | 18.62 | 174.3       | 19.77 |
|        | 14                              | 87.30                        | 9.88  | 109.9       | 12.23 | 134.7       | 15.13 | 145.0       | 16.54 | 156.5       | 18.22 | 166.5       | 19.81 | 174.3       | 21.25 |
|        | 16                              | 87.30                        | 10.02 | 109.9       | 12.37 | 134.7       | 15.46 | 145.0       | 17.09 | 156.5       | 19.31 | 166.5       | 21.42 | 174.3       | 23.16 |
|        | 18                              | 87.30                        | 10.14 | 109.9       | 12.67 | 134.7       | 16.72 | 145.0       | 18.78 | 156.5       | 21.21 | 166.5       | 23.51 | 174.3       | 25.33 |
|        | 20                              | 87.30                        | 10.34 | 109.9       | 13.79 | 134.7       | 18.33 | 145.0       | 20.69 | 156.5       | 23.35 | 166.5       | 25.82 | 174.3       | 28.05 |
|        | 21                              | 87.30                        | 10.85 | 109.9       | 14.52 | 134.7       | 19.32 | 145.0       | 21.80 | 156.5       | 24.56 | 166.5       | 27.30 | 174.3       | 29.37 |
|        | 23                              | 87.30                        | 11.90 | 109.9       | 15.98 | 134.7       | 21.48 | 145.0       | 24.14 | 156.5       | 27.34 | 166.5       | 30.15 | 174.3       | 32.50 |
|        | 25                              | 87.30                        | 13.19 | 109.9       | 17.95 | 134.7       | 24.12 | 145.0       | 27.06 | 156.5       | 30.36 | 166.5       | 33.47 | 174.3       | 36.04 |
|        | 27                              | 87.30                        | 14.76 | 109.9       | 20.19 | 134.7       | 26.99 | 145.0       | 30.21 | 156.5       | 33.96 | 166.5       | 36.81 | 174.3       | 39.15 |
|        | 29                              | 87.30                        | 16.77 | 109.9       | 22.88 | 134.7       | 30.13 | 145.0       | 32.94 | 156.5       | 36.27 | 166.5       | 39.31 | 174.3       | 41.79 |
|        | 31                              | 87.30                        | 19.06 | 109.9       | 25.67 | 134.7       | 32.08 | 145.0       | 35.08 | 156.5       | 38.67 | 166.5       | 41.88 | 174.3       | 44.52 |
|        | 33                              | 87.30                        | 21.53 | 109.9       | 27.31 | 134.7       | 34.16 | 145.0       | 37.37 | 156.5       | 41.17 | 166.5       | 44.61 | 174.3       | 47.42 |
|        | 35                              | 87.30                        | 23.11 | 109.9       | 29.05 | 134.7       | 36.41 | 145.0       | 39.81 | 156.5       | 43.86 | 166.5       | 47.51 | 174.3       | 50.53 |
|        | 37                              | 87.30                        | 24.57 | 109.9       | 30.91 | 134.7       | 38.77 | 145.0       | 42.42 | 156.5       | 46.76 | 166.5       | 50.63 | 174.3       | 53.84 |
|        | 39                              | 87.30                        | 26.13 | 109.9       | 32.94 | 134.7       | 41.34 | 145.0       | 45.21 | 156.5       | 49.81 | 166.5       | 53.97 | 174.3       | 57.40 |
|        | 41                              | 87.30                        | 27.83 | 109.9       | 35.12 | 134.7       | 44.03 | 145.0       | 48.19 | 156.5       | 53.11 | 166.5       | 57.56 | 174.3       | 61.21 |
|        | 43                              | 87.30                        | 29.68 | 109.9       | 37.44 | 134.7       | 46.94 | 145.0       | 51.35 | 156.5       | 56.61 | 166.5       | 61.38 | 174.3       | 65.32 |
|        | 46                              | 87.30                        | 32.68 | 109.9       | 41.20 | 134.7       | 51.68 | 145.0       | 56.54 | 156.5       | 61.37 | 166.5       | 65.47 | 174.3       | 68.76 |
|        | 48                              | 87.30                        | 34.89 | 109.9       | 43.95 | 134.7       | 55.10 | 145.0       | 60.32 | 156.5       | 65.06 | 166.0       | 69.13 | 168.4       | 70.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 87.30                        | 37.23 | 109.9       | 46.85 | 134.7       | 58.77 | 145.0       | 62.91 | 152.6       | 66.26 | 152.5       | 66.16 | 152.5       | 66.22 |
|        | 52                         | 87.30                        | 39.73 | 109.9       | 49.96 | 134.0       | 58.14 | 134.5       | 58.43 | 135.2       | 58.69 | 135.7       | 58.93 | 136.0       | 58.33 |
| 60     | 10                         | 74.70                        | 6.90  | 94.30       | 9.64  | 115.4       | 11.85 | 124.3       | 12.64 | 134.3       | 13.64 | 142.8       | 14.46 | 149.5       | 15.12 |
|        | 12                         | 74.70                        | 8.65  | 94.30       | 10.38 | 115.4       | 12.52 | 124.3       | 13.69 | 134.3       | 14.76 | 142.8       | 15.64 | 149.5       | 16.41 |
|        | 14                         | 74.70                        | 8.76  | 94.30       | 10.53 | 115.4       | 12.81 | 124.3       | 13.92 | 134.3       | 15.15 | 142.8       | 16.18 | 149.5       | 17.23 |
|        | 16                         | 74.70                        | 8.87  | 94.30       | 10.64 | 115.4       | 12.96 | 124.3       | 14.10 | 134.3       | 15.48 | 142.8       | 16.63 | 149.5       | 17.96 |
|        | 18                         | 74.70                        | 8.98  | 94.30       | 10.93 | 115.4       | 13.40 | 124.3       | 14.85 | 134.3       | 16.61 | 142.8       | 18.27 | 149.5       | 19.60 |
|        | 20                         | 74.70                        | 9.09  | 94.30       | 11.34 | 115.4       | 14.66 | 124.3       | 16.29 | 134.3       | 18.36 | 142.8       | 20.15 | 149.5       | 21.81 |
|        | 21                         | 74.70                        | 9.20  | 94.30       | 11.81 | 115.4       | 15.47 | 124.3       | 17.15 | 134.3       | 19.31 | 142.8       | 21.21 | 149.5       | 22.92 |
|        | 23                         | 74.70                        | 9.99  | 94.30       | 13.10 | 115.4       | 17.22 | 124.3       | 19.15 | 134.3       | 21.46 | 142.8       | 23.52 | 149.5       | 25.36 |
|        | 25                         | 74.70                        | 11.03 | 94.30       | 14.58 | 115.4       | 19.12 | 124.3       | 21.37 | 134.3       | 23.94 | 142.8       | 26.39 | 149.5       | 28.18 |
|        | 27                         | 74.70                        | 12.28 | 94.30       | 16.28 | 115.4       | 21.47 | 124.3       | 23.96 | 134.3       | 26.78 | 142.8       | 29.50 | 149.5       | 31.57 |
|        | 29                         | 74.70                        | 13.86 | 94.30       | 18.52 | 115.4       | 24.25 | 124.3       | 27.04 | 134.3       | 30.05 | 142.8       | 32.35 | 149.5       | 34.18 |
|        | 31                         | 74.70                        | 15.91 | 94.30       | 21.16 | 115.4       | 26.99 | 124.3       | 29.29 | 134.3       | 32.01 | 142.8       | 34.43 | 149.5       | 36.40 |
|        | 33                         | 74.70                        | 18.29 | 94.30       | 23.42 | 115.4       | 28.70 | 124.3       | 31.16 | 134.3       | 34.08 | 142.8       | 36.68 | 149.5       | 38.80 |
|        | 35                         | 74.70                        | 20.01 | 94.30       | 24.88 | 115.4       | 30.56 | 124.3       | 33.19 | 134.3       | 36.30 | 142.8       | 39.08 | 149.5       | 41.34 |
|        | 37                         | 74.70                        | 21.24 | 94.30       | 26.44 | 115.4       | 32.55 | 124.3       | 35.34 | 134.3       | 38.66 | 142.8       | 41.62 | 149.5       | 44.03 |
|        | 39                         | 74.70                        | 22.80 | 94.30       | 28.18 | 115.4       | 34.69 | 124.3       | 37.66 | 134.3       | 41.20 | 142.8       | 44.37 | 149.5       | 46.93 |
|        | 41                         | 74.70                        | 24.28 | 94.30       | 30.00 | 115.4       | 36.98 | 124.3       | 40.16 | 134.3       | 43.92 | 142.8       | 47.28 | 149.5       | 50.02 |
|        | 43                         | 74.70                        | 25.87 | 94.30       | 31.99 | 115.4       | 39.41 | 124.3       | 42.80 | 134.3       | 46.79 | 142.8       | 50.40 | 149.5       | 53.32 |
|        | 46                         | 74.70                        | 28.51 | 94.30       | 35.24 | 115.4       | 43.39 | 124.3       | 47.09 | 134.3       | 51.51 | 142.8       | 55.48 | 149.5       | 58.73 |
|        | 48                         | 74.70                        | 30.43 | 94.30       | 37.59 | 115.4       | 46.25 | 124.3       | 50.20 | 134.3       | 54.92 | 142.8       | 59.16 | 149.5       | 61.92 |
|        | 50                         | 74.70                        | 32.48 | 94.30       | 40.12 | 115.4       | 49.30 | 124.3       | 53.54 | 134.3       | 58.59 | 142.8       | 62.05 | 149.0       | 64.65 |
|        | 52                         | 74.70                        | 34.72 | 94.30       | 42.80 | 115.4       | 52.56 | 124.3       | 54.82 | 133.7       | 58.02 | 134.6       | 58.41 | 134.9       | 58.59 |
| 50     | 10                         | 62.20                        | 5.51  | 78.50       | 7.41  | 96.20       | 9.92  | 103.6       | 10.78 | 111.8       | 11.57 | 119.1       | 12.17 | 124.7       | 12.65 |
|        | 12                         | 62.20                        | 7.54  | 78.50       | 9.00  | 96.20       | 10.53 | 103.6       | 11.36 | 111.8       | 12.23 | 119.1       | 12.99 | 124.7       | 13.72 |
|        | 14                         | 62.20                        | 7.75  | 78.50       | 9.11  | 96.20       | 10.76 | 103.6       | 11.50 | 111.8       | 12.37 | 119.1       | 13.19 | 124.7       | 13.95 |
|        | 16                         | 62.20                        | 7.86  | 78.50       | 9.22  | 96.20       | 10.93 | 103.6       | 11.64 | 111.8       | 12.67 | 119.1       | 13.49 | 124.7       | 14.13 |
|        | 18                         | 62.20                        | 7.88  | 78.50       | 9.36  | 96.20       | 11.04 | 103.6       | 11.91 | 111.8       | 12.84 | 119.1       | 13.99 | 124.7       | 14.91 |
|        | 20                         | 62.20                        | 7.99  | 78.50       | 9.49  | 96.20       | 11.55 | 103.6       | 12.71 | 111.8       | 14.01 | 119.1       | 15.34 | 124.7       | 16.50 |
|        | 21                         | 62.20                        | 8.05  | 78.50       | 9.66  | 96.20       | 12.18 | 103.6       | 13.37 | 111.8       | 14.79 | 119.1       | 16.16 | 124.7       | 17.23 |
|        | 23                         | 62.20                        | 8.40  | 78.50       | 10.56 | 96.20       | 13.37 | 103.6       | 14.75 | 111.8       | 16.46 | 119.1       | 18.01 | 124.7       | 19.20 |
|        | 25                         | 62.20                        | 9.16  | 78.50       | 11.67 | 96.20       | 15.01 | 103.6       | 16.54 | 111.8       | 18.29 | 119.1       | 19.98 | 124.7       | 21.39 |
|        | 27                         | 62.20                        | 10.17 | 78.50       | 13.02 | 96.20       | 16.78 | 103.6       | 18.48 | 111.8       | 20.56 | 119.1       | 22.48 | 124.7       | 24.04 |
|        | 29                         | 62.20                        | 11.39 | 78.50       | 14.87 | 96.20       | 19.02 | 103.6       | 20.96 | 111.8       | 23.30 | 119.1       | 25.51 | 124.7       | 27.14 |
|        | 31                         | 62.20                        | 12.98 | 78.50       | 16.84 | 96.20       | 21.59 | 103.6       | 23.85 | 111.8       | 26.14 | 119.1       | 27.90 | 124.7       | 29.34 |
|        | 33                         | 62.20                        | 14.98 | 78.50       | 19.51 | 96.20       | 23.65 | 103.6       | 25.66 | 111.8       | 27.78 | 119.1       | 29.69 | 124.7       | 31.23 |
|        | 35                         | 62.20                        | 17.04 | 78.50       | 20.86 | 96.20       | 25.35 | 103.6       | 27.29 | 111.8       | 29.57 | 119.1       | 31.62 | 124.7       | 33.26 |
|        | 37                         | 62.20                        | 18.32 | 78.50       | 22.40 | 96.20       | 26.95 | 103.6       | 29.04 | 111.8       | 31.49 | 119.1       | 33.65 | 124.7       | 35.44 |
|        | 39                         | 62.20                        | 19.45 | 78.50       | 23.82 | 96.20       | 28.70 | 103.6       | 30.93 | 111.8       | 33.56 | 119.1       | 35.87 | 124.7       | 37.77 |
|        | 41                         | 62.20                        | 20.68 | 78.50       | 25.34 | 96.20       | 30.58 | 103.6       | 32.96 | 111.8       | 35.74 | 119.1       | 38.23 | 124.7       | 40.24 |
|        | 43                         | 62.20                        | 22.02 | 78.50       | 27.01 | 96.20       | 32.61 | 103.6       | 35.13 | 111.8       | 38.13 | 119.1       | 40.76 | 124.7       | 42.88 |
|        | 46                         | 62.20                        | 24.30 | 78.50       | 29.79 | 96.20       | 35.94 | 103.6       | 38.71 | 111.8       | 41.97 | 119.1       | 44.86 | 124.7       | 47.20 |
|        | 48                         | 62.20                        | 26.02 | 78.50       | 31.78 | 96.20       | 38.32 | 103.6       | 41.28 | 111.8       | 44.72 | 119.1       | 47.83 | 124.7       | 50.32 |
|        | 50                         | 62.20                        | 27.91 | 78.50       | 33.94 | 96.20       | 40.89 | 103.6       | 44.00 | 111.8       | 47.69 | 119.1       | 50.98 | 124.7       | 53.65 |
|        | 52                         | 62.20                        | 29.97 | 78.50       | 36.25 | 96.20       | 43.60 | 103.6       | 46.93 | 111.8       | 50.88 | 119.1       | 52.44 | 124.7       | 54.93 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM760LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 166.1                        | 17.41 | 209.8       | 24.61 | 256.9       | 36.01 | 276.6       | 42.13 | 298.3       | 49.45 | 314.5       | 54.54 | 327.2       | 58.43 |
|        | 12                         | 166.1                        | 19.03 | 209.8       | 27.10 | 256.9       | 39.37 | 276.6       | 45.81 | 298.2       | 53.56 | 314.4       | 58.63 | 327.1       | 62.66 |
|        | 14                         | 166.1                        | 20.05 | 209.8       | 29.82 | 256.9       | 43.05 | 276.6       | 49.84 | 298.1       | 57.20 | 314.2       | 62.61 | 326.9       | 67.23 |
|        | 16                         | 166.1                        | 21.68 | 209.8       | 32.74 | 256.9       | 47.07 | 276.6       | 53.60 | 297.8       | 61.24 | 314.0       | 67.00 | 326.6       | 71.96 |
|        | 18                         | 166.1                        | 23.77 | 209.8       | 35.70 | 256.9       | 50.80 | 276.6       | 57.99 | 297.5       | 65.76 | 313.7       | 71.38 | 326.3       | 75.74 |
|        | 20                         | 166.1                        | 26.30 | 209.8       | 39.16 | 256.9       | 55.39 | 276.6       | 62.41 | 297.1       | 69.51 | 313.3       | 75.60 | 325.9       | 79.08 |
|        | 21                         | 166.1                        | 27.64 | 209.8       | 40.93 | 256.9       | 57.32 | 276.6       | 64.38 | 296.9       | 71.50 | 313.0       | 77.36 | 325.7       | 80.83 |
|        | 23                         | 166.1                        | 30.48 | 209.8       | 45.26 | 256.9       | 61.42 | 276.6       | 68.22 | 296.4       | 76.02 | 312.6       | 80.66 | 325.2       | 84.17 |
|        | 25                         | 166.1                        | 34.02 | 209.8       | 48.92 | 256.9       | 65.07 | 276.6       | 72.38 | 295.9       | 79.48 | 312.0       | 84.29 | 324.6       | 87.90 |
|        | 27                         | 166.1                        | 37.47 | 209.8       | 52.17 | 256.9       | 69.28 | 276.6       | 77.32 | 295.3       | 83.31 | 311.4       | 88.30 | 324.0       | 92.10 |
|        | 29                         | 166.1                        | 39.99 | 209.8       | 55.65 | 256.9       | 74.20 | 276.0       | 81.22 | 294.6       | 87.49 | 310.8       | 92.77 | 323.4       | 96.81 |
|        | 31                         | 166.1                        | 42.63 | 209.8       | 59.13 | 256.9       | 78.83 | 275.3       | 85.47 | 293.9       | 92.12 | 310.0       | 97.82 | 322.6       | 102.2 |
|        | 33                         | 166.1                        | 45.56 | 209.8       | 62.86 | 256.9       | 83.66 | 274.6       | 90.11 | 293.2       | 97.28 | 306.6       | 102.4 | 307.5       | 102.6 |
|        | 35                         | 166.1                        | 48.68 | 209.8       | 66.85 | 256.9       | 88.47 | 273.8       | 95.22 | 288.5       | 101.4 | 289.6       | 101.6 | 290.5       | 101.8 |
|        | 37                         | 166.1                        | 51.89 | 209.8       | 71.17 | 256.3       | 93.61 | 270.5       | 98.82 | 272.0       | 99.05 | 272.8       | 99.25 | 273.7       | 99.41 |
|        | 39                         | 166.1                        | 55.31 | 209.8       | 75.84 | 253.3       | 93.86 | 254.1       | 94.01 | 255.3       | 94.20 | 256.3       | 94.47 | 257.2       | 94.64 |
|        | 41                         | 166.1                        | 58.96 | 209.8       | 79.37 | 235.3       | 88.87 | 235.0       | 88.85 | 234.9       | 88.78 | 234.6       | 88.69 | 234.9       | 88.79 |
|        | 43                         | 166.1                        | 62.58 | 209.8       | 80.51 | 216.7       | 83.07 | 216.4       | 83.06 | 216.4       | 82.98 | 216.3       | 83.03 | 216.1       | 82.96 |
|        | 46                         | 166.1                        | 66.36 | 190.4       | 75.94 | 190.0       | 75.89 | 190.0       | 75.90 | 190.0       | 75.82 | 189.7       | 75.76 | 190.0       | 75.82 |
|        | 48                         | 166.1                        | 69.97 | 173.5       | 73.04 | 173.2       | 72.91 | 173.2       | 72.91 | 174.2       | 73.31 | 173.2       | 72.96 | 173.1       | 72.90 |
|        | 50                         | 158.1                        | 69.33 | 157.8       | 69.22 | 157.4       | 69.09 | 157.5       | 69.17 | 157.5       | 69.10 | 157.2       | 69.04 | 157.1       | 69.02 |
|        | 52                         | 140.1                        | 61.57 | 141.6       | 60.13 | 142.5       | 57.62 | 142.5       | 57.08 | 142.5       | 56.50 | 142.5       | 56.01 | 142.5       | 55.68 |
| 120    | 10                         | 153.5                        | 15.87 | 193.8       | 21.56 | 237.1       | 30.76 | 255.3       | 35.57 | 275.9       | 41.88 | 293.3       | 47.72 | 305.5       | 51.82 |
|        | 12                         | 153.5                        | 17.27 | 193.8       | 23.71 | 237.1       | 33.77 | 255.3       | 38.93 | 275.9       | 45.57 | 293.3       | 51.77 | 305.4       | 55.81 |
|        | 14                         | 153.5                        | 18.09 | 193.8       | 26.09 | 237.1       | 37.06 | 255.3       | 42.58 | 275.9       | 49.58 | 293.3       | 55.65 | 305.2       | 59.60 |
|        | 16                         | 153.5                        | 18.94 | 193.8       | 28.29 | 237.1       | 40.64 | 255.3       | 46.55 | 275.9       | 53.28 | 293.3       | 59.43 | 305.0       | 63.80 |
|        | 18                         | 153.5                        | 20.85 | 193.8       | 31.04 | 237.1       | 44.58 | 255.3       | 50.33 | 275.9       | 57.40 | 293.0       | 63.91 | 304.7       | 68.14 |
|        | 20                         | 153.5                        | 22.96 | 193.8       | 34.10 | 237.1       | 48.22 | 255.3       | 54.87 | 275.9       | 61.86 | 292.6       | 68.00 | 304.3       | 72.00 |
|        | 21                         | 153.5                        | 24.11 | 193.8       | 35.70 | 237.1       | 50.51 | 255.3       | 56.83 | 275.9       | 63.76 | 292.4       | 69.99 | 304.1       | 74.78 |
|        | 23                         | 153.5                        | 26.86 | 193.8       | 39.47 | 237.1       | 54.63 | 255.3       | 60.95 | 275.9       | 67.89 | 291.9       | 74.04 | 303.6       | 78.07 |
|        | 25                         | 153.5                        | 29.89 | 193.8       | 43.48 | 237.1       | 57.99 | 255.3       | 64.60 | 275.9       | 72.02 | 291.4       | 78.10 | 303.1       | 81.60 |
|        | 27                         | 153.5                        | 33.48 | 193.8       | 46.38 | 237.1       | 62.26 | 255.3       | 68.76 | 275.9       | 77.12 | 290.8       | 81.84 | 302.5       | 85.50 |
|        | 29                         | 153.5                        | 36.05 | 193.8       | 49.44 | 237.1       | 66.06 | 255.3       | 73.56 | 275.4       | 81.00 | 290.2       | 85.96 | 301.9       | 89.81 |
|        | 31                         | 153.5                        | 38.42 | 193.8       | 52.80 | 237.1       | 70.16 | 255.3       | 78.13 | 274.7       | 85.23 | 289.5       | 90.49 | 301.2       | 94.60 |
|        | 33                         | 153.5                        | 40.95 | 193.8       | 56.43 | 237.1       | 74.59 | 255.3       | 83.11 | 274.0       | 89.87 | 288.8       | 95.51 | 300.5       | 100.0 |
|        | 35                         | 153.5                        | 43.87 | 193.8       | 60.02 | 237.1       | 79.42 | 255.3       | 87.89 | 273.2       | 94.98 | 288.0       | 101.1 | 289.5       | 101.6 |
|        | 37                         | 153.5                        | 46.77 | 193.8       | 63.87 | 237.1       | 84.74 | 255.0       | 93.06 | 270.9       | 98.85 | 271.9       | 99.06 | 272.4       | 99.17 |
|        | 39                         | 153.5                        | 49.82 | 193.8       | 67.99 | 237.1       | 88.05 | 253.3       | 93.88 | 254.4       | 94.05 | 255.2       | 94.23 | 256.0       | 94.39 |
|        | 41                         | 153.5                        | 53.11 | 193.8       | 72.45 | 235.3       | 88.87 | 235.0       | 88.81 | 234.9       | 88.74 | 234.6       | 88.72 | 234.6       | 88.69 |
|        | 43                         | 153.5                        | 56.65 | 193.8       | 74.31 | 216.7       | 83.14 | 216.7       | 83.07 | 216.4       | 83.01 | 216.4       | 83.01 | 216.3       | 83.03 |
|        | 46                         | 153.5                        | 61.56 | 190.4       | 76.03 | 190.0       | 75.82 | 190.0       | 75.82 | 190.0       | 75.85 | 190.0       | 75.84 | 190.0       | 75.80 |
|        | 48                         | 153.5                        | 64.59 | 173.5       | 73.04 | 173.5       | 73.04 | 173.5       | 73.02 | 173.2       | 72.96 | 173.2       | 72.92 | 173.2       | 72.85 |
|        | 50                         | 153.5                        | 67.33 | 157.8       | 69.19 | 157.5       | 69.17 | 157.5       | 69.16 | 157.4       | 69.15 | 156.3       | 68.64 | 157.4       | 69.02 |
|        | 52                         | 139.9                        | 61.45 | 141.0       | 61.14 | 142.5       | 58.64 | 142.5       | 58.17 | 142.5       | 57.61 | 142.5       | 57.15 | 142.5       | 56.91 |
| 110    | 10                         | 140.6                        | 14.58 | 177.5       | 18.99 | 217.3       | 26.19 | 234.1       | 30.03 | 252.7       | 34.88 | 268.7       | 39.61 | 281.2       | 43.77 |
|        | 12                         | 140.6                        | 15.69 | 177.5       | 20.81 | 217.3       | 28.83 | 234.1       | 32.98 | 252.7       | 38.19 | 268.7       | 43.21 | 281.2       | 47.54 |
|        | 14                         | 140.6                        | 16.15 | 177.5       | 22.29 | 217.3       | 31.73 | 234.1       | 36.21 | 252.7       | 41.78 | 268.7       | 47.10 | 281.2       | 51.63 |
|        | 16                         | 140.6                        | 16.65 | 177.5       | 24.34 | 217.3       | 34.83 | 234.1       | 39.73 | 252.7       | 45.72 | 268.7       | 50.80 | 281.2       | 55.34 |
|        | 18                         | 140.6                        | 18.06 | 177.5       | 26.62 | 217.3       | 38.28 | 234.1       | 43.57 | 252.7       | 49.33 | 268.7       | 55.07 | 281.2       | 59.55 |
|        | 20                         | 140.6                        | 19.94 | 177.5       | 29.38 | 217.3       | 41.75 | 234.1       | 47.29 | 252.7       | 53.81 | 268.7       | 59.70 | 281.2       | 63.85 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 140.6                        | 20.98 | 177.5       | 30.80 | 217.3       | 43.54 | 234.1       | 49.52 | 252.7       | 56.10 | 268.7       | 61.59 | 281.2       | 66.08 |
|        | 23                               | 140.6                        | 23.30 | 177.5       | 34.17 | 217.3       | 48.02 | 234.1       | 53.46 | 252.7       | 59.93 | 268.7       | 65.47 | 281.2       | 69.89 |
|        | 25                               | 140.6                        | 26.16 | 177.5       | 37.74 | 217.3       | 51.19 | 234.1       | 57.06 | 252.7       | 63.58 | 268.7       | 69.52 | 281.1       | 74.11 |
|        | 27                               | 140.6                        | 29.28 | 177.5       | 41.03 | 217.3       | 55.02 | 234.1       | 60.64 | 252.7       | 67.70 | 268.7       | 73.93 | 280.5       | 78.65 |
|        | 29                               | 140.6                        | 32.36 | 177.5       | 43.72 | 217.3       | 58.40 | 234.1       | 64.84 | 252.7       | 72.54 | 268.7       | 78.94 | 279.9       | 82.59 |
|        | 31                               | 140.6                        | 34.43 | 177.5       | 46.69 | 217.3       | 62.03 | 234.1       | 68.87 | 252.7       | 77.03 | 268.6       | 83.16 | 279.3       | 86.94 |
|        | 33                               | 140.6                        | 36.78 | 177.5       | 49.82 | 217.3       | 65.93 | 234.1       | 73.21 | 252.7       | 81.98 | 267.9       | 87.68 | 278.6       | 91.68 |
|        | 35                               | 140.6                        | 39.20 | 177.5       | 53.22 | 217.3       | 70.15 | 234.1       | 77.95 | 252.7       | 86.99 | 267.1       | 92.61 | 277.8       | 96.92 |
|        | 37                               | 140.6                        | 41.96 | 177.5       | 56.71 | 217.3       | 74.70 | 234.1       | 83.13 | 252.7       | 92.15 | 266.4       | 98.04 | 271.0       | 98.85 |
|        | 39                               | 140.6                        | 44.74 | 177.5       | 60.49 | 217.3       | 79.68 | 234.1       | 86.94 | 251.9       | 93.41 | 253.8       | 93.93 | 254.9       | 94.15 |
|        | 41                               | 140.6                        | 47.67 | 177.5       | 64.55 | 217.3       | 82.18 | 234.1       | 88.43 | 235.3       | 88.88 | 234.9       | 88.81 | 234.9       | 88.82 |
|        | 43                               | 140.6                        | 50.83 | 177.5       | 68.09 | 216.7       | 83.08 | 216.7       | 83.14 | 216.7       | 83.10 | 216.4       | 83.06 | 216.4       | 83.02 |
|        | 46                               | 140.6                        | 55.53 | 177.5       | 70.88 | 190.0       | 75.93 | 190.0       | 75.89 | 190.0       | 75.90 | 190.0       | 75.90 | 189.7       | 75.78 |
|        | 48                               | 140.6                        | 58.90 | 173.5       | 73.08 | 173.5       | 73.04 | 173.5       | 73.04 | 173.5       | 72.99 | 173.2       | 72.98 | 173.2       | 72.95 |
|        | 50                               | 140.6                        | 61.74 | 157.8       | 69.33 | 157.5       | 69.16 | 157.5       | 69.16 | 157.4       | 69.11 | 157.4       | 69.08 | 157.4       | 69.09 |
|        | 52                               | 139.1                        | 61.09 | 140.3       | 61.72 | 141.9       | 59.87 | 142.2       | 59.39 | 142.5       | 58.90 | 141.4       | 58.23 | 142.5       | 57.84 |
| 100    | 10                               | 127.7                        | 13.44 | 161.5       | 16.82 | 197.6       | 22.23 | 212.8       | 25.21 | 229.9       | 29.03 | 244.3       | 32.62 | 255.8       | 35.73 |
|        | 12                               | 127.7                        | 14.27 | 161.5       | 18.37 | 197.6       | 24.46 | 212.8       | 27.74 | 229.9       | 31.91 | 244.3       | 35.78 | 255.8       | 39.09 |
|        | 14                               | 127.7                        | 14.55 | 161.5       | 19.33 | 197.6       | 26.92 | 212.8       | 30.56 | 229.9       | 35.04 | 244.3       | 39.20 | 255.8       | 42.74 |
|        | 16                               | 127.7                        | 14.74 | 161.5       | 20.70 | 197.6       | 29.29 | 212.8       | 33.62 | 229.9       | 38.50 | 244.3       | 42.96 | 255.8       | 46.74 |
|        | 18                               | 127.7                        | 15.72 | 161.5       | 22.75 | 197.6       | 32.12 | 212.8       | 36.53 | 229.9       | 42.25 | 244.3       | 46.63 | 255.8       | 50.40 |
|        | 20                               | 127.7                        | 17.25 | 161.5       | 25.02 | 197.6       | 35.28 | 212.8       | 40.07 | 229.9       | 45.76 | 244.3       | 50.72 | 255.8       | 54.97 |
|        | 21                               | 127.7                        | 18.18 | 161.5       | 26.24 | 197.6       | 36.95 | 212.8       | 42.11 | 229.9       | 47.92 | 244.3       | 53.10 | 255.8       | 57.17 |
|        | 23                               | 127.7                        | 20.23 | 161.5       | 29.04 | 197.6       | 40.84 | 212.8       | 46.23 | 229.9       | 52.03 | 244.3       | 57.02 | 255.8       | 61.04 |
|        | 25                               | 127.7                        | 22.56 | 161.5       | 32.46 | 197.6       | 44.79 | 212.8       | 49.97 | 229.9       | 55.58 | 244.3       | 60.63 | 255.8       | 64.66 |
|        | 27                               | 127.7                        | 25.33 | 161.5       | 36.07 | 197.6       | 47.72 | 212.8       | 53.42 | 229.9       | 59.56 | 244.3       | 65.10 | 255.8       | 68.84 |
|        | 29                               | 127.7                        | 28.48 | 161.5       | 38.49 | 197.6       | 50.89 | 212.8       | 56.71 | 229.9       | 63.21 | 244.3       | 69.05 | 255.8       | 73.80 |
|        | 31                               | 127.7                        | 30.75 | 161.5       | 41.02 | 197.6       | 54.48 | 212.8       | 60.24 | 229.9       | 67.13 | 244.3       | 73.32 | 255.8       | 78.37 |
|        | 33                               | 127.7                        | 32.80 | 161.5       | 43.78 | 197.6       | 57.92 | 212.8       | 64.04 | 229.9       | 71.34 | 244.3       | 77.97 | 255.8       | 83.32 |
|        | 35                               | 127.7                        | 34.99 | 161.5       | 46.86 | 197.6       | 61.58 | 212.8       | 68.07 | 229.9       | 75.95 | 244.3       | 83.09 | 255.8       | 88.09 |
|        | 37                               | 127.7                        | 37.31 | 161.5       | 49.92 | 197.6       | 65.53 | 212.8       | 72.52 | 229.9       | 80.97 | 244.3       | 88.77 | 255.4       | 93.25 |
|        | 39                               | 127.7                        | 39.94 | 161.5       | 53.21 | 197.6       | 69.79 | 212.8       | 77.32 | 229.9       | 85.44 | 244.3       | 90.71 | 253.4       | 93.90 |
|        | 41                               | 127.7                        | 42.59 | 161.5       | 56.74 | 197.6       | 74.38 | 212.8       | 80.45 | 229.9       | 86.86 | 235.0       | 88.84 | 235.3       | 88.85 |
|        | 43                               | 127.7                        | 45.40 | 161.5       | 60.33 | 197.6       | 75.78 | 212.8       | 81.60 | 216.4       | 83.09 | 216.7       | 83.13 | 216.7       | 83.10 |
|        | 46                               | 127.7                        | 49.83 | 161.5       | 64.43 | 190.0       | 75.90 | 190.3       | 75.92 | 190.3       | 75.93 | 190.3       | 75.93 | 190.0       | 75.82 |
|        | 48                               | 127.7                        | 52.86 | 161.5       | 67.97 | 173.8       | 73.13 | 173.5       | 73.09 | 173.5       | 73.01 | 173.5       | 73.01 | 173.5       | 73.01 |
|        | 50                               | 127.7                        | 55.88 | 157.8       | 69.24 | 157.8       | 69.21 | 157.8       | 69.20 | 157.5       | 69.13 | 157.5       | 69.10 | 157.5       | 69.09 |
|        | 52                               | 127.7                        | 56.20 | 139.9       | 61.46 | 140.1       | 61.02 | 141.3       | 60.54 | 141.9       | 59.75 | 142.5       | 59.00 | 142.5       | 58.39 |
| 90     | 10                               | 115.1                        | 12.31 | 145.2       | 15.04 | 177.8       | 19.00 | 191.5       | 21.17 | 206.7       | 24.01 | 220.0       | 26.76 | 230.3       | 29.14 |
|        | 12                               | 115.1                        | 12.65 | 145.2       | 16.28 | 177.8       | 20.85 | 191.5       | 23.29 | 206.7       | 26.43 | 220.0       | 29.47 | 230.3       | 32.02 |
|        | 14                               | 115.1                        | 12.83 | 145.2       | 16.74 | 177.8       | 22.33 | 191.5       | 25.60 | 206.7       | 29.11 | 220.0       | 32.44 | 230.3       | 35.16 |
|        | 16                               | 115.1                        | 13.13 | 145.2       | 17.29 | 177.8       | 24.37 | 191.5       | 27.91 | 206.7       | 32.02 | 220.0       | 35.59 | 230.3       | 38.62 |
|        | 18                               | 115.1                        | 13.40 | 145.2       | 19.11 | 177.8       | 26.63 | 191.5       | 30.33 | 206.7       | 34.70 | 220.0       | 39.08 | 230.3       | 42.00 |
|        | 20                               | 115.1                        | 14.90 | 145.2       | 21.07 | 177.8       | 29.45 | 191.5       | 33.40 | 206.7       | 38.09 | 220.0       | 42.59 | 230.3       | 46.02 |
|        | 21                               | 115.1                        | 15.56 | 145.2       | 22.18 | 177.8       | 30.84 | 191.5       | 34.99 | 206.7       | 40.10 | 220.0       | 44.62 | 230.3       | 47.98 |
|        | 23                               | 115.1                        | 17.30 | 145.2       | 24.58 | 177.8       | 34.21 | 191.5       | 38.75 | 206.7       | 44.12 | 220.0       | 48.89 | 230.3       | 52.24 |
|        | 25                               | 115.1                        | 19.42 | 145.2       | 27.37 | 177.8       | 38.00 | 191.5       | 42.77 | 206.7       | 47.86 | 220.0       | 52.57 | 230.3       | 55.81 |
|        | 27                               | 115.1                        | 21.62 | 145.2       | 30.81 | 177.8       | 41.10 | 191.5       | 45.59 | 206.7       | 51.07 | 220.0       | 55.96 | 230.3       | 59.70 |
|        | 29                               | 115.1                        | 24.48 | 145.2       | 33.62 | 177.8       | 43.85 | 191.5       | 48.67 | 206.7       | 54.56 | 220.0       | 59.41 | 230.3       | 63.35 |
|        | 31                               | 115.1                        | 27.34 | 145.2       | 35.85 | 177.8       | 46.78 | 191.5       | 52.11 | 206.7       | 57.98 | 220.0       | 63.10 | 230.3       | 67.30 |
|        | 33                               | 115.1                        | 29.14 | 145.2       | 38.28 | 177.8       | 50.02 | 191.5       | 55.51 | 206.7       | 61.64 | 220.0       | 67.06 | 230.3       | 71.54 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 115.1                        | 31.04 | 145.2       | 40.81 | 177.8       | 53.30 | 191.5       | 59.11 | 206.7       | 65.53 | 220.0       | 71.34 | 230.3       | 76.12 |
|        | 37                              | 115.1                        | 33.11 | 145.2       | 43.66 | 177.8       | 56.83 | 191.5       | 62.86 | 206.7       | 69.76 | 220.0       | 76.00 | 230.3       | 81.17 |
|        | 39                              | 115.1                        | 35.35 | 145.2       | 46.55 | 177.8       | 60.60 | 191.5       | 66.94 | 206.7       | 74.32 | 220.0       | 81.11 | 230.3       | 85.59 |
|        | 41                              | 115.1                        | 37.72 | 145.2       | 49.60 | 177.8       | 64.67 | 191.5       | 71.33 | 206.7       | 78.25 | 220.0       | 83.18 | 230.3       | 87.01 |
|        | 43                              | 115.1                        | 40.33 | 145.2       | 52.89 | 177.8       | 68.19 | 191.5       | 73.46 | 206.7       | 79.35 | 216.7       | 83.16 | 216.7       | 83.13 |
|        | 46                              | 115.1                        | 44.39 | 145.2       | 57.66 | 177.8       | 70.96 | 190.4       | 76.01 | 190.4       | 75.94 | 190.0       | 75.93 | 190.3       | 75.94 |
|        | 48                              | 115.1                        | 47.15 | 145.2       | 61.19 | 173.9       | 73.17 | 173.5       | 73.10 | 173.5       | 73.05 | 173.5       | 73.02 | 173.5       | 73.02 |
|        | 50                              | 115.1                        | 49.85 | 145.2       | 63.77 | 157.8       | 69.33 | 157.8       | 69.30 | 157.8       | 69.22 | 157.8       | 69.19 | 157.8       | 69.19 |
|        | 52                              | 115.1                        | 52.17 | 139.3       | 61.23 | 140.5       | 62.04 | 141.1       | 61.28 | 141.6       | 60.46 | 141.9       | 59.71 | 142.5       | 59.14 |
| 80     | 10                              | 102.2                        | 11.02 | 129.2       | 13.56 | 158.1       | 16.41 | 170.2       | 17.94 | 183.9       | 19.92 | 195.4       | 21.86 | 204.8       | 23.55 |
|        | 12                              | 102.2                        | 11.30 | 129.2       | 14.43 | 158.1       | 17.88 | 170.2       | 19.64 | 183.9       | 21.88 | 195.4       | 24.05 | 204.8       | 25.93 |
|        | 14                              | 102.2                        | 11.45 | 129.2       | 14.67 | 158.1       | 18.73 | 170.2       | 20.78 | 183.9       | 23.62 | 195.4       | 26.47 | 204.8       | 28.57 |
|        | 16                              | 102.2                        | 11.62 | 129.2       | 14.88 | 158.1       | 19.97 | 170.2       | 22.57 | 183.9       | 25.94 | 195.4       | 28.84 | 204.8       | 31.44 |
|        | 18                              | 102.2                        | 11.92 | 129.2       | 15.94 | 158.1       | 21.96 | 170.2       | 24.88 | 183.9       | 28.28 | 195.4       | 31.47 | 204.8       | 34.20 |
|        | 20                              | 102.2                        | 12.69 | 129.2       | 17.46 | 158.1       | 24.14 | 170.2       | 27.34 | 183.9       | 31.20 | 195.4       | 34.55 | 204.8       | 37.55 |
|        | 21                              | 102.2                        | 13.26 | 129.2       | 18.38 | 158.1       | 25.37 | 170.2       | 28.70 | 183.9       | 32.65 | 195.4       | 36.40 | 204.8       | 39.26 |
|        | 23                              | 102.2                        | 14.74 | 129.2       | 20.46 | 158.1       | 28.09 | 170.2       | 31.85 | 183.9       | 36.19 | 195.4       | 40.08 | 204.8       | 43.38 |
|        | 25                              | 102.2                        | 16.38 | 129.2       | 22.86 | 158.1       | 31.38 | 170.2       | 35.30 | 183.9       | 40.10 | 195.4       | 44.08 | 204.8       | 47.13 |
|        | 27                              | 102.2                        | 18.47 | 129.2       | 25.67 | 158.1       | 35.10 | 170.2       | 38.75 | 183.9       | 43.06 | 195.4       | 47.02 | 204.8       | 50.26 |
|        | 29                              | 102.2                        | 20.98 | 129.2       | 28.77 | 158.1       | 37.41 | 170.2       | 41.31 | 183.9       | 45.93 | 195.4       | 50.17 | 204.8       | 53.64 |
|        | 31                              | 102.2                        | 23.62 | 129.2       | 31.12 | 158.1       | 39.95 | 170.2       | 44.07 | 183.9       | 49.06 | 195.4       | 53.70 | 204.8       | 57.14 |
|        | 33                              | 102.2                        | 25.70 | 129.2       | 33.20 | 158.1       | 42.64 | 170.2       | 47.04 | 183.9       | 52.42 | 195.4       | 57.15 | 204.8       | 60.74 |
|        | 35                              | 102.2                        | 27.37 | 129.2       | 35.40 | 158.1       | 45.57 | 170.2       | 50.23 | 183.9       | 55.87 | 195.4       | 60.75 | 204.8       | 64.60 |
|        | 37                              | 102.2                        | 29.19 | 129.2       | 37.75 | 158.1       | 48.58 | 170.2       | 53.55 | 183.9       | 59.53 | 195.4       | 64.64 | 204.8       | 68.76 |
|        | 39                              | 102.2                        | 31.12 | 129.2       | 40.41 | 158.1       | 51.75 | 170.2       | 57.08 | 183.9       | 63.46 | 195.4       | 68.85 | 204.8       | 73.25 |
|        | 41                              | 102.2                        | 33.23 | 129.2       | 43.07 | 158.1       | 55.20 | 170.2       | 60.90 | 183.9       | 67.60 | 195.4       | 73.38 | 204.8       | 77.41 |
|        | 43                              | 102.2                        | 35.49 | 129.2       | 45.91 | 158.1       | 58.86 | 170.2       | 64.45 | 183.9       | 70.52 | 195.4       | 75.01 | 204.8       | 78.50 |
|        | 46                              | 102.2                        | 39.21 | 129.2       | 50.40 | 158.1       | 63.08 | 170.2       | 67.94 | 183.9       | 73.39 | 190.0       | 75.89 | 190.0       | 75.90 |
|        | 48                              | 102.2                        | 41.84 | 129.2       | 53.46 | 158.1       | 66.51 | 170.2       | 71.66 | 173.5       | 73.10 | 173.5       | 73.02 | 173.5       | 72.99 |
|        | 50                              | 102.2                        | 44.63 | 129.2       | 56.52 | 157.8       | 69.24 | 157.8       | 69.28 | 157.8       | 69.24 | 157.8       | 69.20 | 157.5       | 69.17 |
|        | 52                              | 102.2                        | 47.61 | 129.2       | 56.77 | 139.8       | 61.48 | 140.4       | 61.68 | 141.1       | 61.40 | 141.3       | 60.61 | 141.9       | 60.04 |
| 70     | 10                              | 89.60                        | 9.11  | 112.9       | 12.14 | 138.3       | 14.34 | 148.9       | 15.41 | 160.8       | 16.74 | 171.0       | 18.07 | 179.0       | 19.20 |
|        | 12                              | 89.60                        | 10.04 | 112.9       | 12.38 | 138.3       | 15.42 | 148.9       | 16.72 | 160.8       | 18.28 | 171.0       | 19.77 | 179.0       | 21.06 |
|        | 14                              | 89.60                        | 10.18 | 112.9       | 12.68 | 138.3       | 15.81 | 148.9       | 17.30 | 160.8       | 19.15 | 171.0       | 20.98 | 179.0       | 22.68 |
|        | 16                              | 89.60                        | 10.32 | 112.9       | 12.86 | 138.3       | 16.22 | 148.9       | 18.07 | 160.8       | 20.51 | 171.0       | 22.79 | 179.0       | 24.69 |
|        | 18                              | 89.60                        | 10.46 | 112.9       | 13.23 | 138.3       | 17.69 | 148.9       | 19.90 | 160.8       | 22.54 | 171.0       | 25.00 | 179.0       | 26.97 |
|        | 20                              | 89.60                        | 10.78 | 112.9       | 14.48 | 138.3       | 19.38 | 148.9       | 21.94 | 160.8       | 24.79 | 171.0       | 27.46 | 179.0       | 29.76 |
|        | 21                              | 89.60                        | 11.33 | 112.9       | 15.24 | 138.3       | 20.44 | 148.9       | 23.06 | 160.8       | 26.07 | 171.0       | 28.99 | 179.0       | 31.19 |
|        | 23                              | 89.60                        | 12.43 | 112.9       | 16.84 | 138.3       | 22.70 | 148.9       | 25.53 | 160.8       | 28.97 | 171.0       | 31.98 | 179.0       | 34.61 |
|        | 25                              | 89.60                        | 13.80 | 112.9       | 18.88 | 138.3       | 25.48 | 148.9       | 28.63 | 160.8       | 32.21 | 171.0       | 35.64 | 179.0       | 38.40 |
|        | 27                              | 89.60                        | 15.43 | 112.9       | 21.23 | 138.3       | 28.49 | 148.9       | 31.95 | 160.8       | 35.96 | 171.0       | 38.96 | 179.0       | 41.46 |
|        | 29                              | 89.60                        | 17.55 | 112.9       | 24.07 | 138.3       | 31.68 | 148.9       | 34.68 | 160.8       | 38.30 | 171.0       | 41.58 | 179.0       | 44.25 |
|        | 31                              | 89.60                        | 19.97 | 112.9       | 26.81 | 138.3       | 33.72 | 148.9       | 36.97 | 160.8       | 40.86 | 171.0       | 44.37 | 179.0       | 47.26 |
|        | 33                              | 89.60                        | 22.32 | 112.9       | 28.55 | 138.3       | 36.00 | 148.9       | 39.47 | 160.8       | 43.60 | 171.0       | 47.34 | 179.0       | 50.53 |
|        | 35                              | 89.60                        | 24.02 | 112.9       | 30.41 | 138.3       | 38.41 | 148.9       | 42.14 | 160.8       | 46.63 | 171.0       | 50.58 | 179.0       | 53.85 |
|        | 37                              | 89.60                        | 25.59 | 112.9       | 32.42 | 138.3       | 41.10 | 148.9       | 45.03 | 160.8       | 49.72 | 171.0       | 53.91 | 179.0       | 57.38 |
|        | 39                              | 89.60                        | 27.25 | 112.9       | 34.62 | 138.3       | 43.83 | 148.9       | 48.00 | 160.8       | 52.98 | 171.0       | 57.48 | 179.0       | 61.20 |
|        | 41                              | 89.60                        | 29.06 | 112.9       | 36.95 | 138.3       | 46.69 | 148.9       | 51.17 | 160.8       | 56.50 | 171.0       | 61.33 | 179.0       | 65.31 |
|        | 43                              | 89.60                        | 31.06 | 112.9       | 39.54 | 138.3       | 49.78 | 148.9       | 54.55 | 160.8       | 60.07 | 171.0       | 64.89 | 179.0       | 68.82 |
|        | 46                              | 89.60                        | 34.29 | 112.9       | 43.53 | 138.3       | 54.45 | 148.9       | 59.39 | 160.8       | 64.23 | 171.0       | 68.29 | 179.0       | 71.49 |
|        | 48                              | 89.60                        | 36.70 | 112.9       | 46.27 | 138.3       | 57.75 | 148.9       | 63.03 | 160.8       | 67.74 | 171.0       | 72.01 | 173.8       | 73.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 89.60                        | 39.17 | 112.9       | 48.90 | 138.3       | 61.07 | 148.9       | 65.34 | 157.8       | 69.31 | 157.8       | 69.22 | 157.8       | 69.27 |
|        | 52                         | 89.60                        | 41.79 | 112.9       | 51.17 | 138.3       | 60.75 | 139.6       | 61.34 | 140.1       | 61.57 | 140.8       | 61.85 | 141.0       | 61.24 |
| 60     | 10                         | 76.70                        | 7.25  | 96.90       | 10.16 | 118.5       | 12.64 | 127.7       | 13.44 | 137.9       | 14.30 | 146.7       | 15.16 | 153.5       | 15.90 |
|        | 12                         | 76.70                        | 8.87  | 96.90       | 10.72 | 118.5       | 13.02 | 127.7       | 14.23 | 137.9       | 15.39 | 146.7       | 16.44 | 153.5       | 17.30 |
|        | 14                         | 76.70                        | 8.98  | 96.90       | 10.87 | 118.5       | 13.32 | 127.7       | 14.51 | 137.9       | 15.81 | 146.7       | 16.98 | 153.5       | 18.06 |
|        | 16                         | 76.70                        | 9.10  | 96.90       | 11.01 | 118.5       | 13.50 | 127.7       | 14.70 | 137.9       | 16.25 | 146.7       | 17.56 | 153.5       | 19.07 |
|        | 18                         | 76.70                        | 9.23  | 96.90       | 11.29 | 118.5       | 14.07 | 127.7       | 15.68 | 137.9       | 17.56 | 146.7       | 19.35 | 153.5       | 20.82 |
|        | 20                         | 76.70                        | 9.34  | 96.90       | 11.86 | 118.5       | 15.42 | 127.7       | 17.22 | 137.9       | 19.40 | 146.7       | 21.35 | 153.5       | 23.12 |
|        | 21                         | 76.70                        | 9.53  | 96.90       | 12.36 | 118.5       | 16.30 | 127.7       | 18.11 | 137.9       | 20.41 | 146.7       | 22.47 | 153.5       | 24.26 |
|        | 23                         | 76.70                        | 10.36 | 96.90       | 13.74 | 118.5       | 18.13 | 127.7       | 20.19 | 137.9       | 22.68 | 146.7       | 24.87 | 153.5       | 26.90 |
|        | 25                         | 76.70                        | 11.49 | 96.90       | 15.28 | 118.5       | 20.14 | 127.7       | 22.52 | 137.9       | 25.29 | 146.7       | 27.96 | 153.5       | 29.87 |
|        | 27                         | 76.70                        | 12.83 | 96.90       | 17.05 | 118.5       | 22.61 | 127.7       | 25.29 | 137.9       | 28.34 | 146.7       | 31.21 | 153.5       | 33.42 |
|        | 29                         | 76.70                        | 14.45 | 96.90       | 19.39 | 118.5       | 25.54 | 127.7       | 28.41 | 137.9       | 31.57 | 146.7       | 34.05 | 153.5       | 36.05 |
|        | 31                         | 76.70                        | 16.60 | 96.90       | 22.17 | 118.5       | 28.26 | 127.7       | 30.71 | 137.9       | 33.66 | 146.7       | 36.29 | 153.5       | 38.42 |
|        | 33                         | 76.70                        | 19.04 | 96.90       | 24.36 | 118.5       | 30.08 | 127.7       | 32.73 | 137.9       | 35.90 | 146.7       | 38.75 | 153.5       | 41.04 |
|        | 35                         | 76.70                        | 20.69 | 96.90       | 25.89 | 118.5       | 32.09 | 127.7       | 34.92 | 137.9       | 38.28 | 146.7       | 41.33 | 153.5       | 43.91 |
|        | 37                         | 76.70                        | 22.00 | 96.90       | 27.60 | 118.5       | 34.25 | 127.7       | 37.23 | 137.9       | 40.86 | 146.7       | 44.17 | 153.5       | 46.77 |
|        | 39                         | 76.70                        | 23.65 | 96.90       | 29.45 | 118.5       | 36.55 | 127.7       | 39.86 | 137.9       | 43.67 | 146.7       | 47.10 | 153.5       | 49.86 |
|        | 41                         | 76.70                        | 25.24 | 96.90       | 31.43 | 118.5       | 39.09 | 127.7       | 42.51 | 137.9       | 46.56 | 146.7       | 50.19 | 153.5       | 53.15 |
|        | 43                         | 76.70                        | 26.94 | 96.90       | 33.52 | 118.5       | 41.66 | 127.7       | 45.32 | 137.9       | 49.62 | 146.7       | 53.52 | 153.5       | 56.68 |
|        | 46                         | 76.70                        | 29.75 | 96.90       | 37.12 | 118.5       | 45.88 | 127.7       | 49.73 | 137.9       | 54.27 | 146.7       | 58.32 | 153.5       | 61.59 |
|        | 48                         | 76.70                        | 31.76 | 96.90       | 39.60 | 118.5       | 48.67 | 127.7       | 52.75 | 137.9       | 57.57 | 146.7       | 61.86 | 153.5       | 64.62 |
|        | 50                         | 76.70                        | 34.08 | 96.90       | 42.27 | 118.5       | 51.43 | 127.7       | 55.77 | 137.9       | 60.88 | 146.7       | 64.35 | 153.5       | 67.37 |
|        | 52                         | 76.70                        | 36.42 | 96.90       | 45.09 | 118.5       | 53.81 | 127.7       | 56.09 | 137.9       | 60.60 | 139.6       | 61.32 | 139.9       | 61.50 |
| 50     | 10                         | 63.90                        | 5.78  | 80.60       | 7.78  | 98.80       | 10.46 | 106.4       | 11.40 | 114.8       | 12.30 | 122.3       | 13.02 | 128.0       | 13.44 |
|        | 12                         | 63.90                        | 7.82  | 80.60       | 9.25  | 98.80       | 10.89 | 106.4       | 11.73 | 114.8       | 12.68 | 122.3       | 13.52 | 128.0       | 14.31 |
|        | 14                         | 63.90                        | 7.93  | 80.60       | 9.36  | 98.80       | 11.13 | 106.4       | 11.91 | 114.8       | 12.86 | 122.3       | 13.73 | 128.0       | 14.55 |
|        | 16                         | 63.90                        | 8.04  | 80.60       | 9.48  | 98.80       | 11.29 | 106.4       | 12.05 | 114.8       | 13.16 | 122.3       | 14.03 | 128.0       | 14.74 |
|        | 18                         | 63.90                        | 8.08  | 80.60       | 9.64  | 98.80       | 11.44 | 106.4       | 12.35 | 114.8       | 13.43 | 122.3       | 14.74 | 128.0       | 15.72 |
|        | 20                         | 63.90                        | 8.19  | 80.60       | 9.76  | 98.80       | 12.08 | 106.4       | 13.32 | 114.8       | 14.74 | 122.3       | 16.17 | 128.0       | 17.41 |
|        | 21                         | 63.90                        | 8.25  | 80.60       | 10.03 | 98.80       | 12.74 | 106.4       | 14.02 | 114.8       | 15.54 | 122.3       | 17.05 | 128.0       | 18.18 |
|        | 23                         | 63.90                        | 8.69  | 80.60       | 11.00 | 98.80       | 14.03 | 106.4       | 15.49 | 114.8       | 17.32 | 122.3       | 18.98 | 128.0       | 20.26 |
|        | 25                         | 63.90                        | 9.50  | 80.60       | 12.15 | 98.80       | 15.73 | 106.4       | 17.39 | 114.8       | 19.22 | 122.3       | 21.08 | 128.0       | 22.60 |
|        | 27                         | 63.90                        | 10.57 | 80.60       | 13.60 | 98.80       | 17.58 | 106.4       | 19.42 | 114.8       | 21.64 | 122.3       | 23.69 | 128.0       | 25.40 |
|        | 29                         | 63.90                        | 11.87 | 80.60       | 15.50 | 98.80       | 19.99 | 106.4       | 22.04 | 114.8       | 24.49 | 122.3       | 26.89 | 128.0       | 28.51 |
|        | 31                         | 63.90                        | 13.52 | 80.60       | 17.60 | 98.80       | 22.62 | 106.4       | 24.94 | 114.8       | 27.31 | 122.3       | 29.22 | 128.0       | 30.76 |
|        | 33                         | 63.90                        | 15.60 | 80.60       | 20.25 | 98.80       | 24.61 | 106.4       | 26.79 | 114.8       | 29.05 | 122.3       | 31.16 | 128.0       | 32.81 |
|        | 35                         | 63.90                        | 17.58 | 80.60       | 21.60 | 98.80       | 26.43 | 106.4       | 28.53 | 114.8       | 30.99 | 122.3       | 33.24 | 128.0       | 35.00 |
|        | 37                         | 63.90                        | 18.88 | 80.60       | 23.21 | 98.80       | 28.14 | 106.4       | 30.39 | 114.8       | 33.07 | 122.3       | 35.44 | 128.0       | 37.34 |
|        | 39                         | 63.90                        | 20.06 | 80.60       | 24.73 | 98.80       | 30.04 | 106.4       | 32.43 | 114.8       | 35.30 | 122.3       | 37.82 | 128.0       | 39.97 |
|        | 41                         | 63.90                        | 21.36 | 80.60       | 26.36 | 98.80       | 32.02 | 106.4       | 34.63 | 114.8       | 37.64 | 122.3       | 40.43 | 128.0       | 42.59 |
|        | 43                         | 63.90                        | 22.81 | 80.60       | 28.12 | 98.80       | 34.21 | 106.4       | 37.07 | 114.8       | 40.28 | 122.3       | 43.12 | 128.0       | 45.40 |
|        | 46                         | 63.90                        | 25.21 | 80.60       | 31.13 | 98.80       | 37.86 | 106.4       | 40.85 | 114.8       | 44.35 | 122.3       | 47.46 | 128.0       | 49.84 |
|        | 48                         | 63.90                        | 27.03 | 80.60       | 33.21 | 98.80       | 40.39 | 106.4       | 43.46 | 114.8       | 47.08 | 122.3       | 50.30 | 128.0       | 52.87 |
|        | 50                         | 63.90                        | 29.20 | 80.60       | 35.64 | 98.80       | 43.09 | 106.4       | 46.44 | 114.8       | 49.77 | 122.3       | 53.16 | 128.0       | 55.89 |
|        | 52                         | 63.90                        | 31.36 | 80.60       | 38.07 | 98.80       | 45.96 | 106.4       | 49.40 | 114.8       | 52.10 | 122.3       | 53.70 | 128.0       | 56.20 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM780LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 170.5                        | 17.04 | 215.3       | 23.41 | 263.6       | 33.72 | 283.9       | 39.33 | 306.6       | 46.69 | 326.0       | 52.97 | 341.3       | 57.90 |
|        | 12                               | 170.5                        | 18.59 | 215.3       | 25.84 | 263.6       | 37.21 | 283.9       | 43.33 | 306.6       | 51.26 | 326.0       | 57.61 | 341.3       | 62.40 |
|        | 14                               | 170.5                        | 19.58 | 215.3       | 28.33 | 263.6       | 41.05 | 283.9       | 47.70 | 306.6       | 55.10 | 326.0       | 61.73 | 341.3       | 67.42 |
|        | 16                               | 170.5                        | 20.88 | 215.3       | 31.28 | 263.6       | 45.14 | 283.9       | 51.63 | 306.6       | 59.68 | 326.0       | 66.72 | 341.3       | 72.82 |
|        | 18                               | 170.5                        | 22.96 | 215.3       | 34.18 | 263.6       | 48.96 | 283.9       | 56.25 | 306.6       | 64.78 | 326.0       | 71.85 | 341.3       | 77.44 |
|        | 20                               | 170.5                        | 25.45 | 215.3       | 37.52 | 263.6       | 53.70 | 283.9       | 61.06 | 306.6       | 69.27 | 326.0       | 76.74 | 341.3       | 81.32 |
|        | 21                               | 170.5                        | 26.75 | 215.3       | 39.29 | 263.6       | 55.77 | 283.9       | 63.17 | 306.6       | 71.41 | 326.0       | 78.69 | 341.3       | 83.30 |
|        | 23                               | 170.5                        | 29.53 | 215.3       | 43.56 | 263.6       | 60.08 | 283.9       | 67.44 | 306.6       | 76.73 | 326.0       | 82.83 | 341.3       | 87.66 |
|        | 25                               | 170.5                        | 32.93 | 215.3       | 47.54 | 263.6       | 64.14 | 283.9       | 72.18 | 306.6       | 80.99 | 326.0       | 87.55 | 341.3       | 92.09 |
|        | 27                               | 170.5                        | 36.55 | 215.3       | 50.80 | 263.6       | 68.67 | 283.9       | 77.68 | 306.6       | 85.68 | 326.0       | 92.23 | 341.3       | 97.00 |
|        | 29                               | 170.5                        | 39.21 | 215.3       | 54.16 | 263.6       | 74.14 | 283.9       | 82.50 | 306.6       | 90.76 | 326.0       | 97.36 | 341.3       | 102.4 |
|        | 31                               | 170.5                        | 41.81 | 215.3       | 57.75 | 263.6       | 79.14 | 283.9       | 87.41 | 306.6       | 95.99 | 326.0       | 103.1 | 341.3       | 108.6 |
|        | 33                               | 170.5                        | 44.60 | 215.3       | 61.60 | 263.6       | 84.35 | 283.9       | 92.74 | 306.6       | 101.8 | 323.3       | 108.4 | 324.5       | 108.9 |
|        | 35                               | 170.5                        | 47.55 | 215.3       | 65.72 | 263.6       | 89.55 | 283.9       | 98.47 | 302.7       | 106.5 | 303.0       | 106.7 | 302.9       | 106.6 |
|        | 37                               | 170.5                        | 50.73 | 215.3       | 70.18 | 263.6       | 95.22 | 281.5       | 102.6 | 282.2       | 102.8 | 281.9       | 102.8 | 281.9       | 102.7 |
|        | 39                               | 170.5                        | 54.10 | 215.3       | 74.97 | 261.5       | 96.12 | 261.3       | 96.10 | 261.3       | 96.09 | 261.3       | 96.09 | 261.3       | 96.05 |
|        | 41                               | 170.5                        | 57.70 | 215.3       | 78.61 | 241.7       | 89.12 | 241.5       | 89.12 | 241.5       | 89.04 | 241.1       | 88.93 | 241.5       | 89.04 |
|        | 43                               | 170.5                        | 61.59 | 215.3       | 80.73 | 222.4       | 83.19 | 222.1       | 83.18 | 222.1       | 83.10 | 222.1       | 83.13 | 221.8       | 83.05 |
|        | 46                               | 170.5                        | 66.32 | 195.2       | 76.10 | 194.9       | 76.07 | 194.8       | 76.05 | 194.9       | 76.00 | 194.5       | 75.92 | 194.8       | 75.98 |
|        | 48                               | 170.5                        | 70.34 | 177.9       | 73.30 | 177.6       | 73.22 | 177.6       | 73.19 | 177.9       | 73.27 | 177.5       | 73.23 | 177.6       | 73.21 |
|        | 50                               | 162.1                        | 69.84 | 161.7       | 69.74 | 161.4       | 69.60 | 161.4       | 69.65 | 161.3       | 69.58 | 161.1       | 69.52 | 161.1       | 69.54 |
|        | 52                               | 143.7                        | 62.35 | 145.1       | 60.88 | 146.0       | 58.38 | 146.1       | 57.86 | 146.0       | 57.27 | 146.0       | 56.77 | 146.1       | 56.44 |
| 120    | 10                               | 157.5                        | 15.66 | 198.9       | 20.73 | 243.3       | 28.88 | 262.1       | 33.31 | 283.1       | 39.11 | 301.1       | 44.76 | 315.1       | 49.55 |
|        | 12                               | 157.5                        | 16.99 | 198.9       | 22.81 | 243.3       | 31.92 | 262.1       | 36.80 | 283.1       | 43.10 | 301.1       | 49.21 | 315.1       | 54.04 |
|        | 14                               | 157.5                        | 17.86 | 198.9       | 24.96 | 243.3       | 35.26 | 262.1       | 40.60 | 283.1       | 47.44 | 301.1       | 53.38 | 315.1       | 58.03 |
|        | 16                               | 157.5                        | 18.46 | 198.9       | 27.08 | 243.3       | 38.77 | 262.1       | 44.62 | 283.1       | 51.28 | 301.1       | 57.48 | 315.1       | 62.80 |
|        | 18                               | 157.5                        | 20.19 | 198.9       | 29.76 | 243.3       | 42.73 | 262.1       | 48.50 | 283.1       | 55.64 | 301.1       | 62.52 | 315.1       | 67.76 |
|        | 20                               | 157.5                        | 22.27 | 198.9       | 32.79 | 243.3       | 46.42 | 262.1       | 53.17 | 283.1       | 60.46 | 301.1       | 67.30 | 315.1       | 72.35 |
|        | 21                               | 157.5                        | 23.41 | 198.9       | 34.32 | 243.3       | 48.71 | 262.1       | 55.26 | 283.1       | 62.50 | 301.1       | 69.57 | 315.1       | 75.30 |
|        | 23                               | 157.5                        | 26.10 | 198.9       | 38.01 | 243.3       | 52.97 | 262.1       | 59.58 | 283.1       | 67.06 | 301.1       | 74.32 | 315.1       | 79.37 |
|        | 25                               | 157.5                        | 29.02 | 198.9       | 42.16 | 243.3       | 56.66 | 262.1       | 63.76 | 283.1       | 71.76 | 301.1       | 79.15 | 315.1       | 83.81 |
|        | 27                               | 157.5                        | 32.58 | 198.9       | 45.27 | 243.3       | 61.16 | 262.1       | 68.10 | 283.1       | 77.42 | 301.1       | 83.63 | 315.1       | 88.70 |
|        | 29                               | 157.5                        | 35.42 | 198.9       | 48.26 | 243.3       | 65.20 | 262.1       | 73.42 | 283.1       | 82.21 | 301.1       | 88.83 | 315.1       | 93.63 |
|        | 31                               | 157.5                        | 37.75 | 198.9       | 51.47 | 243.3       | 69.54 | 262.1       | 78.36 | 283.1       | 87.09 | 301.1       | 93.94 | 315.1       | 99.04 |
|        | 33                               | 157.5                        | 40.24 | 198.9       | 54.87 | 243.3       | 74.21 | 262.1       | 83.71 | 283.1       | 92.41 | 301.1       | 99.53 | 315.1       | 105.1 |
|        | 35                               | 157.5                        | 42.92 | 198.9       | 58.54 | 243.3       | 79.30 | 262.1       | 88.85 | 283.1       | 98.16 | 301.1       | 105.8 | 303.3       | 106.8 |
|        | 37                               | 157.5                        | 45.79 | 198.9       | 62.47 | 243.3       | 84.86 | 262.1       | 94.48 | 281.6       | 102.6 | 282.2       | 102.8 | 281.9       | 102.7 |
|        | 39                               | 157.5                        | 48.83 | 198.9       | 66.67 | 243.3       | 88.40 | 261.2       | 95.93 | 261.7       | 96.18 | 261.3       | 96.13 | 261.3       | 96.11 |
|        | 41                               | 157.5                        | 52.08 | 198.9       | 71.20 | 241.8       | 89.14 | 241.5       | 89.08 | 241.4       | 89.00 | 241.2       | 88.99 | 241.2       | 88.95 |
|        | 43                               | 157.5                        | 55.57 | 198.9       | 73.95 | 222.5       | 83.28 | 222.5       | 83.20 | 222.1       | 83.13 | 222.1       | 83.11 | 222.1       | 83.16 |
|        | 46                               | 157.5                        | 61.27 | 195.2       | 76.19 | 194.9       | 76.01 | 194.9       | 76.01 | 194.8       | 76.02 | 194.8       | 75.98 | 194.8       | 75.95 |
|        | 48                               | 157.5                        | 64.66 | 177.9       | 73.31 | 177.9       | 73.31 | 177.9       | 73.32 | 177.5       | 73.24 | 177.5       | 73.20 | 177.5       | 73.13 |
|        | 50                               | 157.5                        | 68.05 | 161.8       | 69.72 | 161.4       | 69.65 | 161.4       | 69.66 | 161.4       | 69.67 | 161.2       | 69.57 | 161.4       | 69.53 |
|        | 52                               | 143.4                        | 62.20 | 144.6       | 61.92 | 146.0       | 59.41 | 146.0       | 58.93 | 146.1       | 58.37 | 146.1       | 57.92 | 146.0       | 57.66 |
| 110    | 10                               | 144.3                        | 14.50 | 182.2       | 18.46 | 223.1       | 24.79 | 240.2       | 28.21 | 259.4       | 32.68 | 275.8       | 37.03 | 288.6       | 40.82 |
|        | 12                               | 144.3                        | 15.60 | 182.2       | 20.20 | 223.1       | 27.37 | 240.2       | 31.17 | 259.4       | 36.09 | 275.8       | 40.86 | 288.6       | 44.96 |
|        | 14                               | 144.3                        | 16.07 | 182.2       | 21.56 | 223.1       | 30.10 | 240.2       | 34.44 | 259.4       | 39.82 | 275.8       | 45.01 | 288.6       | 49.45 |
|        | 16                               | 144.3                        | 16.41 | 182.2       | 23.38 | 223.1       | 33.23 | 240.2       | 37.88 | 259.4       | 43.79 | 275.8       | 48.88 | 288.6       | 53.40 |
|        | 18                               | 144.3                        | 17.63 | 182.2       | 25.65 | 223.1       | 36.59 | 240.2       | 41.74 | 259.4       | 47.47 | 275.8       | 53.32 | 288.6       | 57.91 |
|        | 20                               | 144.3                        | 19.43 | 182.2       | 28.36 | 223.1       | 39.92 | 240.2       | 45.50 | 259.4       | 52.07 | 275.8       | 58.18 | 288.6       | 62.57 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 144.3                        | 20.47 | 182.2       | 29.74 | 223.1       | 41.69 | 240.2       | 47.72 | 259.4       | 54.49 | 275.8       | 60.18 | 288.6       | 65.03 |
|        | 23                              | 144.3                        | 22.73 | 182.2       | 32.99 | 223.1       | 46.22 | 240.2       | 51.78 | 259.4       | 58.53 | 275.8       | 64.44 | 288.6       | 69.34 |
|        | 25                              | 144.3                        | 25.50 | 182.2       | 36.48 | 223.1       | 49.78 | 240.2       | 55.68 | 259.4       | 62.46 | 275.8       | 68.98 | 288.6       | 74.21 |
|        | 27                              | 144.3                        | 28.47 | 182.2       | 40.13 | 223.1       | 53.52 | 240.2       | 59.47 | 259.4       | 67.11 | 275.8       | 73.89 | 288.6       | 79.44 |
|        | 29                              | 144.3                        | 31.72 | 182.2       | 42.80 | 223.1       | 57.04 | 240.2       | 63.88 | 259.4       | 72.29 | 275.8       | 79.57 | 288.6       | 84.15 |
|        | 31                              | 144.3                        | 33.96 | 182.2       | 45.64 | 223.1       | 60.82 | 240.2       | 68.14 | 259.4       | 77.11 | 275.8       | 84.30 | 288.6       | 89.38 |
|        | 33                              | 144.3                        | 36.21 | 182.2       | 48.66 | 223.1       | 64.86 | 240.2       | 72.71 | 259.4       | 82.42 | 275.8       | 89.43 | 288.6       | 94.77 |
|        | 35                              | 144.3                        | 38.59 | 182.2       | 51.91 | 223.1       | 69.24 | 240.2       | 77.68 | 259.4       | 87.78 | 275.8       | 95.02 | 288.6       | 100.5 |
|        | 37                              | 144.3                        | 41.16 | 182.2       | 55.36 | 223.1       | 73.95 | 240.2       | 83.10 | 259.4       | 93.29 | 275.8       | 101.1 | 282.0       | 102.8 |
|        | 39                              | 144.3                        | 43.92 | 182.2       | 59.06 | 223.1       | 79.07 | 240.2       | 87.11 | 259.4       | 95.12 | 261.3       | 96.10 | 261.6       | 96.12 |
|        | 41                              | 144.3                        | 46.84 | 182.2       | 63.03 | 223.1       | 81.71 | 240.2       | 88.57 | 241.8       | 89.13 | 241.4       | 89.06 | 241.4       | 89.06 |
|        | 43                              | 144.3                        | 49.99 | 182.2       | 67.31 | 222.5       | 83.20 | 222.5       | 83.28 | 222.5       | 83.23 | 222.1       | 83.15 | 222.1       | 83.12 |
|        | 46                              | 144.3                        | 55.09 | 182.2       | 71.14 | 194.9       | 76.10 | 194.9       | 76.06 | 194.8       | 76.05 | 194.8       | 76.05 | 194.5       | 75.93 |
|        | 48                              | 144.3                        | 58.77 | 178.0       | 73.41 | 177.9       | 73.37 | 177.8       | 73.32 | 177.9       | 73.29 | 177.6       | 73.29 | 177.6       | 73.25 |
|        | 50                              | 144.3                        | 62.18 | 161.8       | 69.84 | 161.4       | 69.68 | 161.4       | 69.65 | 161.4       | 69.63 | 161.3       | 69.57 | 161.4       | 69.60 |
|        | 52                              | 142.8                        | 62.38 | 143.7       | 62.44 | 145.5       | 60.65 | 145.7       | 60.16 | 146.1       | 59.66 | 145.5       | 59.24 | 146.0       | 58.59 |
| 100    | 10                              | 131.1                        | 13.46 | 165.7       | 16.52 | 202.8       | 21.33 | 218.4       | 23.93 | 235.9       | 27.29 | 250.8       | 30.60 | 262.5       | 33.46 |
|        | 12                              | 131.1                        | 14.32 | 165.7       | 17.99 | 202.8       | 23.49 | 218.4       | 26.40 | 235.9       | 30.17 | 250.8       | 33.82 | 262.5       | 36.95 |
|        | 14                              | 131.1                        | 14.57 | 165.7       | 18.96 | 202.8       | 25.69 | 218.4       | 29.09 | 235.9       | 33.32 | 250.8       | 37.32 | 262.5       | 40.75 |
|        | 16                              | 131.1                        | 14.73 | 165.7       | 20.01 | 202.8       | 28.00 | 218.4       | 32.01 | 235.9       | 36.67 | 250.8       | 41.19 | 262.5       | 44.93 |
|        | 18                              | 131.1                        | 15.46 | 165.7       | 22.01 | 202.8       | 30.76 | 218.4       | 34.91 | 235.9       | 40.42 | 250.8       | 44.77 | 262.5       | 48.54 |
|        | 20                              | 131.1                        | 16.93 | 165.7       | 24.23 | 202.8       | 33.88 | 218.4       | 38.41 | 235.9       | 43.88 | 250.8       | 48.94 | 262.5       | 53.25 |
|        | 21                              | 131.1                        | 17.80 | 165.7       | 25.41 | 202.8       | 35.49 | 218.4       | 40.37 | 235.9       | 46.12 | 250.8       | 51.42 | 262.5       | 55.57 |
|        | 23                              | 131.1                        | 19.80 | 165.7       | 28.10 | 202.8       | 39.19 | 218.4       | 44.55 | 235.9       | 50.33 | 250.8       | 55.51 | 262.5       | 59.66 |
|        | 25                              | 131.1                        | 22.06 | 165.7       | 31.45 | 202.8       | 43.43 | 218.4       | 48.54 | 235.9       | 54.13 | 250.8       | 59.47 | 262.5       | 63.68 |
|        | 27                              | 131.1                        | 24.71 | 165.7       | 35.20 | 202.8       | 46.53 | 218.4       | 51.86 | 235.9       | 58.29 | 250.8       | 64.21 | 262.5       | 68.37 |
|        | 29                              | 131.1                        | 27.87 | 165.7       | 37.76 | 202.8       | 49.62 | 218.4       | 55.26 | 235.9       | 62.14 | 250.8       | 68.44 | 262.5       | 73.68 |
|        | 31                              | 131.1                        | 30.43 | 165.7       | 40.25 | 202.8       | 52.91 | 218.4       | 58.93 | 235.9       | 66.25 | 250.8       | 73.00 | 262.5       | 78.62 |
|        | 33                              | 131.1                        | 32.42 | 165.7       | 42.93 | 202.8       | 56.42 | 218.4       | 62.85 | 235.9       | 70.67 | 250.8       | 77.94 | 262.5       | 83.95 |
|        | 35                              | 131.1                        | 34.56 | 165.7       | 45.80 | 202.8       | 60.17 | 218.4       | 67.01 | 235.9       | 75.50 | 250.8       | 83.36 | 262.5       | 89.10 |
|        | 37                              | 131.1                        | 36.83 | 165.7       | 48.83 | 202.8       | 64.21 | 218.4       | 71.61 | 235.9       | 80.73 | 250.8       | 89.32 | 262.5       | 94.73 |
|        | 39                              | 131.1                        | 39.29 | 165.7       | 52.09 | 202.8       | 68.56 | 218.4       | 76.55 | 235.9       | 85.39 | 250.8       | 91.53 | 261.3       | 96.00 |
|        | 41                              | 131.1                        | 41.94 | 165.7       | 55.57 | 202.8       | 73.24 | 218.4       | 79.80 | 235.9       | 86.99 | 241.5       | 89.11 | 241.8       | 89.12 |
|        | 43                              | 131.1                        | 44.74 | 165.7       | 59.29 | 202.8       | 75.54 | 218.4       | 81.69 | 222.1       | 83.19 | 222.5       | 83.26 | 222.5       | 83.23 |
|        | 46                              | 131.1                        | 49.32 | 165.7       | 64.29 | 194.9       | 76.09 | 195.2       | 76.11 | 195.2       | 76.09 | 195.2       | 76.09 | 194.9       | 76.01 |
|        | 48                              | 131.1                        | 52.62 | 165.7       | 68.21 | 178.2       | 73.42 | 177.9       | 73.38 | 177.9       | 73.30 | 177.9       | 73.30 | 177.9       | 73.31 |
|        | 50                              | 131.1                        | 56.16 | 161.8       | 69.75 | 161.7       | 69.71 | 161.7       | 69.71 | 161.4       | 69.63 | 161.4       | 69.60 | 161.4       | 69.60 |
|        | 52                              | 131.1                        | 57.64 | 143.4       | 62.24 | 144.3       | 62.07 | 144.9       | 61.31 | 145.5       | 60.55 | 146.1       | 59.80 | 146.1       | 59.19 |
| 90     | 10                              | 118.2                        | 12.55 | 149.0       | 14.91 | 182.5       | 18.46 | 196.5       | 20.40 | 212.2       | 22.89 | 225.8       | 25.28 | 236.3       | 27.39 |
|        | 12                              | 118.2                        | 12.80 | 149.0       | 16.09 | 182.5       | 20.24 | 196.5       | 22.44 | 212.2       | 25.24 | 225.8       | 27.93 | 236.3       | 30.28 |
|        | 14                              | 118.2                        | 12.96 | 149.0       | 16.62 | 182.5       | 21.58 | 196.5       | 24.50 | 212.2       | 27.68 | 225.8       | 30.75 | 236.3       | 33.43 |
|        | 16                              | 118.2                        | 13.27 | 149.0       | 16.96 | 182.5       | 23.41 | 196.5       | 26.62 | 212.2       | 30.48 | 225.8       | 33.95 | 236.3       | 36.83 |
|        | 18                              | 118.2                        | 13.43 | 149.0       | 18.59 | 182.5       | 25.65 | 196.5       | 29.08 | 212.2       | 33.26 | 225.8       | 37.35 | 236.3       | 40.15 |
|        | 20                              | 118.2                        | 14.71 | 149.0       | 20.50 | 182.5       | 28.39 | 196.5       | 32.11 | 212.2       | 36.55 | 225.8       | 40.75 | 236.3       | 44.19 |
|        | 21                              | 118.2                        | 15.36 | 149.0       | 21.56 | 182.5       | 29.77 | 196.5       | 33.65 | 212.2       | 38.44 | 225.8       | 42.77 | 236.3       | 46.14 |
|        | 23                              | 118.2                        | 17.05 | 149.0       | 23.92 | 182.5       | 33.02 | 196.5       | 37.20 | 212.2       | 42.47 | 225.8       | 47.10 | 236.3       | 50.50 |
|        | 25                              | 118.2                        | 19.08 | 149.0       | 26.64 | 182.5       | 36.71 | 196.5       | 41.49 | 212.2       | 46.52 | 225.8       | 51.14 | 236.3       | 54.37 |
|        | 27                              | 118.2                        | 21.24 | 149.0       | 29.94 | 182.5       | 40.20 | 196.5       | 44.52 | 212.2       | 49.74 | 225.8       | 54.51 | 236.3       | 58.44 |
|        | 29                              | 118.2                        | 24.03 | 149.0       | 33.14 | 182.5       | 42.88 | 196.5       | 47.46 | 212.2       | 53.03 | 225.8       | 58.10 | 236.3       | 62.29 |
|        | 31                              | 118.2                        | 27.06 | 149.0       | 35.32 | 182.5       | 45.71 | 196.5       | 50.63 | 212.2       | 56.54 | 225.8       | 61.95 | 236.3       | 66.44 |
|        | 33                              | 118.2                        | 28.89 | 149.0       | 37.65 | 182.5       | 48.74 | 196.5       | 54.00 | 212.2       | 60.32 | 225.8       | 66.07 | 236.3       | 70.89 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 118.2                        | 30.76 | 149.0       | 40.15 | 182.5       | 51.99 | 196.5       | 57.59 | 212.2       | 64.33 | 225.8       | 70.52 | 236.3       | 75.69 |
|        | 37                               | 118.2                        | 32.80 | 149.0       | 42.80 | 182.5       | 55.46 | 196.5       | 61.41 | 212.2       | 68.67 | 225.8       | 75.35 | 236.3       | 80.95 |
|        | 39                               | 118.2                        | 34.99 | 149.0       | 45.67 | 182.5       | 59.17 | 196.5       | 65.57 | 212.2       | 73.35 | 225.8       | 80.61 | 236.3       | 85.56 |
|        | 41                               | 118.2                        | 37.33 | 149.0       | 48.70 | 182.5       | 63.14 | 196.5       | 70.02 | 212.2       | 77.39 | 225.8       | 82.82 | 236.3       | 87.16 |
|        | 43                               | 118.2                        | 39.84 | 149.0       | 51.96 | 182.5       | 67.42 | 196.5       | 73.02 | 212.2       | 79.45 | 222.5       | 83.25 | 222.4       | 83.22 |
|        | 46                               | 118.2                        | 43.92 | 149.0       | 57.26 | 182.5       | 71.23 | 195.2       | 76.18 | 195.2       | 76.10 | 194.9       | 76.10 | 195.2       | 76.10 |
|        | 48                               | 118.2                        | 46.88 | 149.0       | 61.13 | 178.3       | 73.47 | 177.9       | 73.39 | 177.9       | 73.35 | 177.9       | 73.32 | 177.9       | 73.32 |
|        | 50                               | 118.2                        | 50.04 | 149.0       | 64.30 | 161.8       | 69.84 | 161.8       | 69.81 | 161.7       | 69.73 | 161.7       | 69.70 | 161.7       | 69.70 |
|        | 52                               | 118.2                        | 53.42 | 142.9       | 62.00 | 144.0       | 62.81 | 144.6       | 62.06 | 145.2       | 61.23 | 145.5       | 60.48 | 146.1       | 59.91 |
| 80     | 10                               | 104.9                        | 11.36 | 132.6       | 13.57 | 162.2       | 16.15 | 174.7       | 17.53 | 188.7       | 19.28 | 200.5       | 21.00 | 210.2       | 22.49 |
|        | 12                               | 104.9                        | 11.53 | 132.6       | 14.45 | 162.2       | 17.55 | 174.7       | 19.15 | 188.7       | 21.17 | 200.5       | 23.12 | 210.2       | 24.80 |
|        | 14                               | 104.9                        | 11.65 | 132.6       | 14.67 | 162.2       | 18.45 | 174.7       | 20.20 | 188.7       | 22.69 | 200.5       | 25.30 | 210.2       | 27.20 |
|        | 16                               | 104.9                        | 11.81 | 132.6       | 14.89 | 162.2       | 19.38 | 174.7       | 21.69 | 188.7       | 24.85 | 200.5       | 27.58 | 210.2       | 29.95 |
|        | 18                               | 104.9                        | 12.11 | 132.6       | 15.65 | 162.2       | 21.22 | 174.7       | 24.00 | 188.7       | 27.17 | 200.5       | 30.16 | 210.2       | 32.74 |
|        | 20                               | 104.9                        | 12.67 | 132.6       | 17.14 | 162.2       | 23.37 | 174.7       | 26.41 | 188.7       | 30.00 | 200.5       | 33.18 | 210.2       | 36.04 |
|        | 21                               | 104.9                        | 13.19 | 132.6       | 18.01 | 162.2       | 24.60 | 174.7       | 27.72 | 188.7       | 31.46 | 200.5       | 34.96 | 210.2       | 37.69 |
|        | 23                               | 104.9                        | 14.62 | 132.6       | 20.04 | 162.2       | 27.22 | 174.7       | 30.82 | 188.7       | 34.85 | 200.5       | 38.47 | 210.2       | 41.65 |
|        | 25                               | 104.9                        | 16.19 | 132.6       | 22.34 | 162.2       | 30.42 | 174.7       | 34.12 | 188.7       | 38.80 | 200.5       | 42.79 | 210.2       | 45.74 |
|        | 27                               | 104.9                        | 18.26 | 132.6       | 25.06 | 162.2       | 34.18 | 174.7       | 37.77 | 188.7       | 42.10 | 200.5       | 45.88 | 210.2       | 48.98 |
|        | 29                               | 104.9                        | 20.64 | 132.6       | 28.20 | 162.2       | 36.74 | 174.7       | 40.45 | 188.7       | 44.89 | 200.5       | 48.90 | 210.2       | 52.23 |
|        | 31                               | 104.9                        | 23.32 | 132.6       | 30.77 | 162.2       | 39.19 | 174.7       | 43.13 | 188.7       | 47.87 | 200.5       | 52.15 | 210.2       | 55.67 |
|        | 33                               | 104.9                        | 25.62 | 132.6       | 32.79 | 162.2       | 41.79 | 174.7       | 46.00 | 188.7       | 51.04 | 200.5       | 55.62 | 210.2       | 59.37 |
|        | 35                               | 104.9                        | 27.26 | 132.6       | 34.94 | 162.2       | 44.55 | 174.7       | 49.03 | 188.7       | 54.44 | 200.5       | 59.30 | 210.2       | 63.34 |
|        | 37                               | 104.9                        | 29.03 | 132.6       | 37.25 | 162.2       | 47.54 | 174.7       | 52.32 | 188.7       | 58.05 | 200.5       | 63.27 | 210.2       | 67.61 |
|        | 39                               | 104.9                        | 30.96 | 132.6       | 39.74 | 162.2       | 50.68 | 174.7       | 55.80 | 188.7       | 61.94 | 200.5       | 67.57 | 210.2       | 72.21 |
|        | 41                               | 104.9                        | 33.03 | 132.6       | 42.40 | 162.2       | 54.09 | 174.7       | 59.55 | 188.7       | 66.13 | 200.5       | 72.18 | 210.2       | 76.47 |
|        | 43                               | 104.9                        | 35.26 | 132.6       | 45.24 | 162.2       | 57.69 | 174.7       | 63.53 | 188.7       | 69.88 | 200.5       | 74.70 | 210.2       | 78.51 |
|        | 46                               | 104.9                        | 38.89 | 132.6       | 49.88 | 162.2       | 62.87 | 174.7       | 68.00 | 188.7       | 73.61 | 194.9       | 76.07 | 194.9       | 76.07 |
|        | 48                               | 104.9                        | 41.55 | 132.6       | 53.23 | 162.2       | 66.68 | 174.7       | 72.15 | 177.9       | 73.37 | 177.9       | 73.33 | 177.9       | 73.27 |
|        | 50                               | 104.9                        | 44.37 | 132.6       | 56.80 | 161.8       | 69.76 | 161.8       | 69.80 | 161.7       | 69.73 | 161.7       | 69.69 | 161.4       | 69.66 |
|        | 52                               | 104.9                        | 47.37 | 132.6       | 58.24 | 143.4       | 62.26 | 144.0       | 62.46 | 144.6       | 62.18 | 144.9       | 61.39 | 145.5       | 60.82 |
| 70     | 10                               | 92.00                        | 9.34  | 115.9       | 12.43 | 141.9       | 14.28 | 152.9       | 15.25 | 165.0       | 16.45 | 175.5       | 17.64 | 183.7       | 18.64 |
|        | 12                               | 92.00                        | 10.37 | 115.9       | 12.55 | 141.9       | 15.37 | 152.9       | 16.50 | 165.0       | 17.92 | 175.5       | 19.27 | 183.7       | 20.43 |
|        | 14                               | 92.00                        | 10.46 | 115.9       | 12.83 | 141.9       | 15.73 | 152.9       | 17.13 | 165.0       | 18.85 | 175.5       | 20.40 | 183.7       | 21.84 |
|        | 16                               | 92.00                        | 10.61 | 115.9       | 12.99 | 141.9       | 16.08 | 152.9       | 17.69 | 165.0       | 19.87 | 175.5       | 21.92 | 183.7       | 23.68 |
|        | 18                               | 92.00                        | 10.72 | 115.9       | 13.30 | 141.9       | 17.26 | 152.9       | 19.30 | 165.0       | 21.78 | 175.5       | 24.07 | 183.7       | 25.96 |
|        | 20                               | 92.00                        | 10.93 | 115.9       | 14.37 | 141.9       | 18.94 | 152.9       | 21.31 | 165.0       | 24.00 | 175.5       | 26.49 | 183.7       | 28.71 |
|        | 21                               | 92.00                        | 11.42 | 115.9       | 15.08 | 141.9       | 19.92 | 152.9       | 22.42 | 165.0       | 25.23 | 175.5       | 27.97 | 183.7       | 30.09 |
|        | 23                               | 92.00                        | 12.49 | 115.9       | 16.63 | 141.9       | 22.12 | 152.9       | 24.84 | 165.0       | 28.07 | 175.5       | 30.89 | 183.7       | 33.37 |
|        | 25                               | 92.00                        | 13.79 | 115.9       | 18.61 | 141.9       | 24.84 | 152.9       | 27.82 | 165.0       | 31.17 | 175.5       | 34.47 | 183.7       | 37.11 |
|        | 27                               | 92.00                        | 15.37 | 115.9       | 20.85 | 141.9       | 27.77 | 152.9       | 31.09 | 165.0       | 35.02 | 175.5       | 38.06 | 183.7       | 40.59 |
|        | 29                               | 92.00                        | 17.40 | 115.9       | 23.61 | 141.9       | 31.11 | 152.9       | 34.13 | 165.0       | 37.58 | 175.5       | 40.72 | 183.7       | 43.29 |
|        | 31                               | 92.00                        | 19.72 | 115.9       | 26.54 | 141.9       | 33.28 | 152.9       | 36.38 | 165.0       | 40.10 | 175.5       | 43.43 | 183.7       | 46.16 |
|        | 33                               | 92.00                        | 22.31 | 115.9       | 28.35 | 141.9       | 35.46 | 152.9       | 38.79 | 165.0       | 42.74 | 175.5       | 46.31 | 183.7       | 49.23 |
|        | 35                               | 92.00                        | 24.03 | 115.9       | 30.19 | 141.9       | 37.83 | 152.9       | 41.36 | 165.0       | 45.58 | 175.5       | 49.37 | 183.7       | 52.51 |
|        | 37                               | 92.00                        | 25.57 | 115.9       | 32.16 | 141.9       | 40.33 | 152.9       | 44.12 | 165.0       | 48.64 | 175.5       | 52.66 | 183.7       | 56.00 |
|        | 39                               | 92.00                        | 27.22 | 115.9       | 34.31 | 141.9       | 43.05 | 152.9       | 47.07 | 165.0       | 51.86 | 175.5       | 56.18 | 183.7       | 59.74 |
|        | 41                               | 92.00                        | 29.03 | 115.9       | 36.61 | 141.9       | 45.89 | 152.9       | 50.22 | 165.0       | 55.34 | 175.5       | 59.97 | 183.7       | 63.75 |
|        | 43                               | 92.00                        | 31.00 | 115.9       | 39.07 | 141.9       | 48.97 | 152.9       | 53.56 | 165.0       | 59.02 | 175.5       | 63.98 | 183.7       | 68.07 |
|        | 46                               | 92.00                        | 34.20 | 115.9       | 43.08 | 141.9       | 53.99 | 152.9       | 59.04 | 165.0       | 64.08 | 175.5       | 68.37 | 183.7       | 71.80 |
|        | 48                               | 92.00                        | 36.55 | 115.9       | 46.00 | 141.9       | 57.60 | 152.9       | 63.02 | 165.0       | 67.97 | 175.5       | 72.53 | 178.2       | 73.42 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 92.00                        | 39.07 | 115.9       | 49.09 | 141.9       | 61.47 | 152.9       | 65.95 | 161.8       | 69.80 | 161.8       | 69.72 | 161.7       | 69.77 |
|        | 52                               | 92.00                        | 41.73 | 115.9       | 52.40 | 141.9       | 62.43 | 143.2       | 62.13 | 143.7       | 62.35 | 144.3       | 62.61 | 144.6       | 62.02 |
| 60     | 10                               | 78.80                        | 7.35  | 99.40       | 10.47 | 121.7       | 12.82 | 131.0       | 13.46 | 141.6       | 14.24 | 150.5       | 15.03 | 157.5       | 15.70 |
|        | 12                               | 78.80                        | 9.21  | 99.40       | 10.98 | 121.7       | 13.11 | 131.0       | 14.29 | 141.6       | 15.34 | 150.5       | 16.24 | 157.5       | 17.02 |
|        | 14                               | 78.80                        | 9.33  | 99.40       | 11.13 | 121.7       | 13.43 | 131.0       | 14.55 | 141.6       | 15.76 | 150.5       | 16.82 | 157.5       | 17.84 |
|        | 16                               | 78.80                        | 9.42  | 99.40       | 11.25 | 121.7       | 13.59 | 131.0       | 14.71 | 141.6       | 16.07 | 150.5       | 17.22 | 157.5       | 18.58 |
|        | 18                               | 78.80                        | 9.54  | 99.40       | 11.53 | 121.7       | 14.01 | 131.0       | 15.44 | 141.6       | 17.16 | 150.5       | 18.82 | 157.5       | 20.16 |
|        | 20                               | 78.80                        | 9.66  | 99.40       | 11.92 | 121.7       | 15.21 | 131.0       | 16.91 | 141.6       | 18.93 | 150.5       | 20.74 | 157.5       | 22.42 |
|        | 21                               | 78.80                        | 9.75  | 99.40       | 12.40 | 121.7       | 16.05 | 131.0       | 17.75 | 141.6       | 19.92 | 150.5       | 21.85 | 157.5       | 23.58 |
|        | 23                               | 78.80                        | 10.53 | 99.40       | 13.70 | 121.7       | 17.81 | 131.0       | 19.78 | 141.6       | 22.15 | 150.5       | 24.20 | 157.5       | 26.11 |
|        | 25                               | 78.80                        | 11.59 | 99.40       | 15.19 | 121.7       | 19.78 | 131.0       | 22.04 | 141.6       | 24.64 | 150.5       | 27.18 | 157.5       | 29.00 |
|        | 27                               | 78.80                        | 12.86 | 99.40       | 16.89 | 121.7       | 22.15 | 131.0       | 24.69 | 141.6       | 27.56 | 150.5       | 30.33 | 157.5       | 32.52 |
|        | 29                               | 78.80                        | 14.43 | 99.40       | 19.15 | 121.7       | 25.01 | 131.0       | 27.82 | 141.6       | 30.98 | 150.5       | 33.52 | 157.5       | 35.42 |
|        | 31                               | 78.80                        | 16.52 | 99.40       | 21.86 | 121.7       | 28.00 | 131.0       | 30.38 | 141.6       | 33.19 | 150.5       | 35.70 | 157.5       | 37.75 |
|        | 33                               | 78.80                        | 18.91 | 99.40       | 24.32 | 121.7       | 29.80 | 131.0       | 32.34 | 141.6       | 35.38 | 150.5       | 38.07 | 157.5       | 40.28 |
|        | 35                               | 78.80                        | 20.77 | 99.40       | 25.86 | 121.7       | 31.75 | 131.0       | 34.49 | 141.6       | 37.72 | 150.5       | 40.60 | 157.5       | 42.96 |
|        | 37                               | 78.80                        | 22.08 | 99.40       | 27.51 | 121.7       | 33.86 | 131.0       | 36.76 | 141.6       | 40.21 | 150.5       | 43.29 | 157.5       | 45.80 |
|        | 39                               | 78.80                        | 23.71 | 99.40       | 29.35 | 121.7       | 36.13 | 131.0       | 39.21 | 141.6       | 42.90 | 150.5       | 46.20 | 157.5       | 48.86 |
|        | 41                               | 78.80                        | 25.29 | 99.40       | 31.28 | 121.7       | 38.55 | 131.0       | 41.86 | 141.6       | 45.77 | 150.5       | 49.27 | 157.5       | 52.12 |
|        | 43                               | 78.80                        | 27.00 | 99.40       | 33.40 | 121.7       | 41.13 | 131.0       | 44.66 | 141.6       | 48.81 | 150.5       | 52.57 | 157.5       | 55.61 |
|        | 46                               | 78.80                        | 29.85 | 99.40       | 36.87 | 121.7       | 45.36 | 131.0       | 49.21 | 141.6       | 53.80 | 150.5       | 57.94 | 157.5       | 61.31 |
|        | 48                               | 78.80                        | 31.90 | 99.40       | 39.38 | 121.7       | 48.40 | 131.0       | 52.51 | 141.6       | 57.41 | 150.5       | 61.81 | 157.5       | 64.69 |
|        | 50                               | 78.80                        | 34.11 | 99.40       | 42.08 | 121.7       | 51.64 | 131.0       | 56.04 | 141.6       | 61.28 | 150.5       | 64.91 | 157.5       | 68.08 |
|        | 52                               | 78.80                        | 36.50 | 99.40       | 44.94 | 121.7       | 55.10 | 131.0       | 57.53 | 141.6       | 62.27 | 143.1       | 62.09 | 143.4       | 62.25 |
| 50     | 10                               | 65.50                        | 5.94  | 82.70       | 7.93  | 101.4       | 10.78 | 109.2       | 11.75 | 117.8       | 12.54 | 125.5       | 13.08 | 131.4       | 13.46 |
|        | 12                               | 65.50                        | 8.19  | 82.70       | 9.58  | 101.4       | 11.12 | 109.2       | 11.95 | 117.8       | 12.82 | 125.5       | 13.61 | 131.4       | 14.32 |
|        | 14                               | 65.50                        | 8.35  | 82.70       | 9.70  | 101.4       | 11.36 | 109.2       | 12.11 | 117.8       | 12.98 | 125.5       | 13.79 | 131.4       | 14.58 |
|        | 16                               | 65.50                        | 8.44  | 82.70       | 9.82  | 101.4       | 11.52 | 109.2       | 12.23 | 117.8       | 13.25 | 125.5       | 14.07 | 131.4       | 14.74 |
|        | 18                               | 65.50                        | 8.47  | 82.70       | 9.97  | 101.4       | 11.64 | 109.2       | 12.51 | 117.8       | 13.45 | 125.5       | 14.63 | 131.4       | 15.47 |
|        | 20                               | 65.50                        | 8.58  | 82.70       | 10.10 | 101.4       | 12.10 | 109.2       | 13.25 | 117.8       | 14.59 | 125.5       | 15.94 | 131.4       | 17.08 |
|        | 21                               | 65.50                        | 8.64  | 82.70       | 10.25 | 101.4       | 12.74 | 109.2       | 13.94 | 117.8       | 15.39 | 125.5       | 16.78 | 131.4       | 17.80 |
|        | 23                               | 65.50                        | 8.97  | 82.70       | 11.14 | 101.4       | 13.97 | 109.2       | 15.34 | 117.8       | 17.07 | 125.5       | 18.66 | 131.4       | 19.84 |
|        | 25                               | 65.50                        | 9.69  | 82.70       | 12.24 | 101.4       | 15.60 | 109.2       | 17.14 | 117.8       | 18.91 | 125.5       | 20.64 | 131.4       | 22.11 |
|        | 27                               | 65.50                        | 10.72 | 82.70       | 13.63 | 101.4       | 17.37 | 109.2       | 19.16 | 117.8       | 21.27 | 125.5       | 23.19 | 131.4       | 24.78 |
|        | 29                               | 65.50                        | 11.96 | 82.70       | 15.47 | 101.4       | 19.72 | 109.2       | 21.64 | 117.8       | 23.98 | 125.5       | 26.30 | 131.4       | 27.90 |
|        | 31                               | 65.50                        | 13.54 | 82.70       | 17.49 | 101.4       | 22.27 | 109.2       | 24.62 | 117.8       | 27.01 | 125.5       | 28.95 | 131.4       | 30.43 |
|        | 33                               | 65.50                        | 15.54 | 82.70       | 20.18 | 101.4       | 24.57 | 109.2       | 26.64 | 117.8       | 28.85 | 125.5       | 30.82 | 131.4       | 32.42 |
|        | 35                               | 65.50                        | 17.68 | 82.70       | 21.67 | 101.4       | 26.35 | 109.2       | 28.37 | 117.8       | 30.73 | 125.5       | 32.85 | 131.4       | 34.56 |
|        | 37                               | 65.50                        | 18.96 | 82.70       | 23.30 | 101.4       | 28.04 | 109.2       | 30.21 | 117.8       | 32.76 | 125.5       | 35.01 | 131.4       | 36.86 |
|        | 39                               | 65.50                        | 20.14 | 82.70       | 24.81 | 101.4       | 29.89 | 109.2       | 32.21 | 117.8       | 34.95 | 125.5       | 37.35 | 131.4       | 39.32 |
|        | 41                               | 65.50                        | 21.44 | 82.70       | 26.44 | 101.4       | 31.89 | 109.2       | 34.37 | 117.8       | 37.26 | 125.5       | 39.85 | 131.4       | 41.94 |
|        | 43                               | 65.50                        | 22.86 | 82.70       | 28.22 | 101.4       | 34.05 | 109.2       | 36.68 | 117.8       | 39.79 | 125.5       | 42.54 | 131.4       | 44.75 |
|        | 46                               | 65.50                        | 25.28 | 82.70       | 31.18 | 101.4       | 37.59 | 109.2       | 40.49 | 117.8       | 43.88 | 125.5       | 46.88 | 131.4       | 49.32 |
|        | 48                               | 65.50                        | 27.12 | 82.70       | 33.31 | 101.4       | 40.14 | 109.2       | 43.22 | 117.8       | 46.81 | 125.5       | 50.04 | 131.4       | 52.63 |
|        | 50                               | 65.50                        | 29.15 | 82.70       | 35.63 | 101.4       | 42.88 | 109.2       | 46.12 | 117.8       | 49.97 | 125.5       | 53.39 | 131.4       | 56.16 |
|        | 52                               | 65.50                        | 31.37 | 82.70       | 38.10 | 101.4       | 45.78 | 109.2       | 49.24 | 117.8       | 53.35 | 125.5       | 55.05 | 131.4       | 57.65 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

## ARUM800LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 174.8                        | 17.64 | 220.8       | 24.48 | 270.4       | 35.56 | 291.2       | 41.60 | 314.4       | 49.52 | 334.4       | 56.04 | 350.0       | 61.00 |
|        | 12                              | 174.8                        | 19.28 | 220.8       | 27.04 | 270.4       | 39.24 | 291.2       | 45.80 | 314.4       | 54.32 | 334.4       | 60.80 | 350.0       | 65.92 |
|        | 14                              | 174.8                        | 20.32 | 220.8       | 29.84 | 270.4       | 43.28 | 291.2       | 50.40 | 314.4       | 58.20 | 334.4       | 65.24 | 350.0       | 71.24 |
|        | 16                              | 174.8                        | 21.92 | 220.8       | 32.96 | 270.4       | 47.72 | 291.2       | 54.56 | 314.4       | 63.08 | 334.4       | 70.56 | 350.0       | 77.00 |
|        | 18                              | 174.8                        | 24.08 | 220.8       | 36.00 | 270.4       | 51.68 | 291.2       | 59.48 | 314.4       | 68.48 | 334.4       | 75.76 | 350.0       | 81.40 |
|        | 20                              | 174.8                        | 26.72 | 220.8       | 39.56 | 270.4       | 56.72 | 291.2       | 64.36 | 314.4       | 72.76 | 334.4       | 80.64 | 350.0       | 85.08 |
|        | 21                              | 174.8                        | 28.08 | 220.8       | 41.32 | 270.4       | 58.72 | 291.2       | 66.44 | 314.4       | 75.00 | 334.4       | 82.56 | 350.0       | 87.00 |
|        | 23                              | 174.8                        | 30.96 | 220.8       | 45.92 | 270.4       | 63.00 | 291.2       | 70.76 | 314.4       | 80.64 | 334.4       | 86.64 | 350.0       | 91.16 |
|        | 25                              | 174.8                        | 34.56 | 220.8       | 49.88 | 270.4       | 67.20 | 291.2       | 75.76 | 314.4       | 84.88 | 334.4       | 91.08 | 350.0       | 95.72 |
|        | 27                              | 174.8                        | 38.32 | 220.8       | 53.16 | 270.4       | 72.08 | 291.2       | 81.72 | 314.4       | 89.48 | 334.4       | 95.92 | 350.0       | 100.8 |
|        | 29                              | 174.8                        | 40.88 | 220.8       | 56.68 | 270.4       | 77.84 | 291.2       | 86.32 | 314.4       | 94.44 | 334.4       | 101.2 | 350.0       | 106.4 |
|        | 31                              | 174.8                        | 43.60 | 220.8       | 60.44 | 270.4       | 83.12 | 291.2       | 91.28 | 314.4       | 99.88 | 334.4       | 107.2 | 350.0       | 112.9 |
|        | 33                              | 174.8                        | 46.52 | 220.8       | 64.48 | 270.4       | 88.56 | 291.2       | 96.64 | 314.4       | 105.9 | 330.8       | 112.5 | 330.8       | 112.6 |
|        | 35                              | 174.8                        | 49.60 | 220.8       | 68.80 | 270.4       | 93.84 | 291.2       | 102.5 | 309.2       | 110.4 | 309.2       | 110.4 | 309.2       | 110.4 |
|        | 37                              | 174.8                        | 52.92 | 220.8       | 73.48 | 270.4       | 99.60 | 288.0       | 106.3 | 288.4       | 106.3 | 288.0       | 106.2 | 288.0       | 106.2 |
|        | 39                              | 174.8                        | 56.44 | 220.8       | 78.52 | 267.6       | 98.80 | 267.2       | 98.72 | 267.2       | 98.64 | 267.2       | 98.68 | 267.2       | 98.64 |
|        | 41                              | 174.8                        | 60.20 | 220.8       | 81.92 | 247.6       | 91.80 | 247.2       | 91.76 | 247.2       | 91.68 | 246.8       | 91.56 | 247.2       | 91.68 |
|        | 43                              | 174.8                        | 64.28 | 220.8       | 83.16 | 228.0       | 85.76 | 227.6       | 85.76 | 227.6       | 85.64 | 227.6       | 85.72 | 227.2       | 85.60 |
|        | 46                              | 174.8                        | 68.76 | 200.4       | 78.68 | 200.0       | 78.64 | 200.0       | 78.64 | 200.0       | 78.56 | 199.6       | 78.48 | 200.0       | 78.56 |
|        | 48                              | 174.8                        | 72.80 | 182.8       | 76.04 | 182.4       | 75.92 | 182.4       | 75.88 | 182.8       | 76.00 | 182.4       | 75.96 | 182.4       | 75.92 |
|        | 50                              | 166.8                        | 72.68 | 166.4       | 72.56 | 166.0       | 72.40 | 166.0       | 72.48 | 166.0       | 72.40 | 165.6       | 72.32 | 165.6       | 72.32 |
|        | 52                              | 147.2                        | 64.80 | 149.2       | 62.88 | 150.4       | 59.56 | 150.4       | 58.84 | 150.4       | 58.08 | 150.4       | 57.40 | 150.4       | 56.96 |
| 120    | 10                              | 161.6                        | 16.16 | 204.0       | 21.60 | 249.6       | 30.36 | 268.8       | 35.12 | 290.4       | 41.36 | 308.8       | 47.44 | 323.2       | 52.56 |
|        | 12                              | 161.6                        | 17.56 | 204.0       | 23.80 | 249.6       | 33.56 | 268.8       | 38.80 | 290.4       | 45.56 | 308.8       | 52.12 | 323.2       | 57.20 |
|        | 14                              | 161.6                        | 18.52 | 204.0       | 26.24 | 249.6       | 37.08 | 268.8       | 42.80 | 290.4       | 50.12 | 308.8       | 56.32 | 323.2       | 61.32 |
|        | 16                              | 161.6                        | 19.20 | 204.0       | 28.48 | 249.6       | 40.92 | 268.8       | 47.16 | 290.4       | 54.20 | 308.8       | 60.72 | 323.2       | 66.40 |
|        | 18                              | 161.6                        | 21.16 | 204.0       | 31.32 | 249.6       | 45.16 | 268.8       | 51.20 | 290.4       | 58.76 | 308.8       | 66.08 | 323.2       | 71.56 |
|        | 20                              | 161.6                        | 23.32 | 204.0       | 34.52 | 249.6       | 48.92 | 268.8       | 56.16 | 290.4       | 63.68 | 308.8       | 70.80 | 323.2       | 75.96 |
|        | 21                              | 161.6                        | 24.52 | 204.0       | 36.12 | 249.6       | 51.40 | 268.8       | 58.20 | 290.4       | 65.68 | 308.8       | 73.04 | 323.2       | 79.24 |
|        | 23                              | 161.6                        | 27.36 | 204.0       | 39.96 | 249.6       | 55.68 | 268.8       | 62.48 | 290.4       | 70.36 | 308.8       | 78.04 | 323.2       | 83.28 |
|        | 25                              | 161.6                        | 30.40 | 204.0       | 44.36 | 249.6       | 59.20 | 268.8       | 66.68 | 290.4       | 75.32 | 308.8       | 83.08 | 323.2       | 87.60 |
|        | 27                              | 161.6                        | 34.16 | 204.0       | 47.32 | 249.6       | 64.12 | 268.8       | 71.48 | 290.4       | 81.48 | 308.8       | 87.56 | 323.2       | 92.28 |
|        | 29                              | 161.6                        | 36.88 | 204.0       | 50.44 | 249.6       | 68.36 | 268.8       | 77.08 | 290.4       | 86.04 | 308.8       | 92.44 | 323.2       | 97.40 |
|        | 31                              | 161.6                        | 39.32 | 204.0       | 53.80 | 249.6       | 72.92 | 268.8       | 82.28 | 290.4       | 90.96 | 308.8       | 97.76 | 323.2       | 103.0 |
|        | 33                              | 161.6                        | 41.92 | 204.0       | 57.36 | 249.6       | 77.84 | 268.8       | 87.92 | 290.4       | 96.32 | 308.8       | 103.6 | 323.2       | 109.4 |
|        | 35                              | 161.6                        | 44.72 | 204.0       | 61.20 | 249.6       | 83.20 | 268.8       | 93.16 | 290.4       | 102.2 | 308.8       | 110.2 | 309.6       | 110.6 |
|        | 37                              | 161.6                        | 47.72 | 204.0       | 65.32 | 249.6       | 89.08 | 268.8       | 98.88 | 288.4       | 106.3 | 288.4       | 106.3 | 288.0       | 106.2 |
|        | 39                              | 161.6                        | 50.88 | 204.0       | 69.72 | 249.6       | 92.12 | 267.6       | 98.84 | 267.6       | 98.76 | 267.2       | 98.72 | 267.2       | 98.68 |
|        | 41                              | 161.6                        | 54.28 | 204.0       | 74.48 | 247.6       | 91.80 | 247.2       | 91.72 | 247.2       | 91.64 | 246.8       | 91.60 | 246.8       | 91.56 |
|        | 43                              | 161.6                        | 57.92 | 204.0       | 76.76 | 228.0       | 85.84 | 228.0       | 85.76 | 227.6       | 85.68 | 227.6       | 85.68 | 227.6       | 85.72 |
|        | 46                              | 161.6                        | 63.88 | 200.4       | 78.80 | 200.0       | 78.56 | 200.0       | 78.56 | 200.0       | 78.60 | 200.0       | 78.56 | 200.0       | 78.52 |
|        | 48                              | 161.6                        | 67.20 | 182.8       | 76.04 | 182.8       | 76.04 | 182.8       | 76.04 | 182.4       | 75.96 | 182.4       | 75.92 | 182.4       | 75.84 |
|        | 50                              | 161.6                        | 70.44 | 166.4       | 72.52 | 166.0       | 72.48 | 166.0       | 72.48 | 166.0       | 72.48 | 166.0       | 72.48 | 166.0       | 72.32 |
|        | 52                              | 146.8                        | 64.60 | 148.4       | 64.24 | 150.4       | 60.92 | 150.4       | 60.28 | 150.4       | 59.52 | 150.4       | 58.92 | 150.4       | 58.60 |
| 110    | 10                              | 148.0                        | 14.92 | 186.8       | 19.16 | 228.8       | 25.96 | 246.4       | 29.64 | 266.0       | 34.44 | 282.8       | 39.12 | 296.0       | 43.20 |
|        | 12                              | 148.0                        | 16.08 | 186.8       | 21.00 | 228.8       | 28.68 | 246.4       | 32.76 | 266.0       | 38.04 | 282.8       | 43.16 | 296.0       | 47.56 |
|        | 14                              | 148.0                        | 16.60 | 186.8       | 22.44 | 228.8       | 31.68 | 246.4       | 36.20 | 266.0       | 41.96 | 282.8       | 47.52 | 296.0       | 52.28 |
|        | 16                              | 148.0                        | 17.00 | 186.8       | 24.56 | 228.8       | 35.00 | 246.4       | 39.96 | 266.0       | 46.28 | 282.8       | 51.56 | 296.0       | 56.40 |
|        | 18                              | 148.0                        | 18.40 | 186.8       | 26.92 | 228.8       | 38.64 | 246.4       | 44.08 | 266.0       | 50.08 | 282.8       | 56.28 | 296.0       | 61.12 |
|        | 20                              | 148.0                        | 20.32 | 186.8       | 29.80 | 228.8       | 42.04 | 246.4       | 47.96 | 266.0       | 54.96 | 282.8       | 61.40 | 296.0       | 65.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 148.0                        | 21.40 | 186.8       | 31.24 | 228.8       | 43.88 | 246.4       | 50.36 | 266.0       | 57.44 | 282.8       | 63.36 | 296.0       | 68.32 |
|        | 23                               | 148.0                        | 23.76 | 186.8       | 34.68 | 228.8       | 48.68 | 246.4       | 54.40 | 266.0       | 61.32 | 282.8       | 67.56 | 296.0       | 72.72 |
|        | 25                               | 148.0                        | 26.68 | 186.8       | 38.32 | 228.8       | 52.00 | 246.4       | 58.20 | 266.0       | 65.48 | 282.8       | 72.36 | 296.0       | 77.88 |
|        | 27                               | 148.0                        | 29.84 | 186.8       | 41.88 | 228.8       | 56.04 | 246.4       | 62.20 | 266.0       | 70.24 | 282.8       | 77.56 | 296.0       | 83.44 |
|        | 29                               | 148.0                        | 33.16 | 186.8       | 44.68 | 228.8       | 59.72 | 246.4       | 66.96 | 266.0       | 75.88 | 282.8       | 83.48 | 296.0       | 88.08 |
|        | 31                               | 148.0                        | 35.32 | 186.8       | 47.64 | 228.8       | 63.68 | 246.4       | 71.44 | 266.0       | 80.96 | 282.8       | 88.28 | 296.0       | 93.16 |
|        | 33                               | 148.0                        | 37.68 | 186.8       | 50.80 | 228.8       | 67.92 | 246.4       | 76.24 | 266.0       | 86.56 | 282.8       | 93.48 | 296.0       | 98.64 |
|        | 35                               | 148.0                        | 40.16 | 186.8       | 54.20 | 228.8       | 72.52 | 246.4       | 81.48 | 266.0       | 92.12 | 282.8       | 99.12 | 296.0       | 104.7 |
|        | 37                               | 148.0                        | 42.84 | 186.8       | 57.80 | 228.8       | 77.48 | 246.4       | 87.20 | 266.0       | 97.72 | 282.8       | 105.3 | 288.0       | 106.2 |
|        | 39                               | 148.0                        | 45.72 | 186.8       | 61.68 | 228.8       | 82.88 | 246.4       | 90.92 | 266.0       | 98.24 | 267.2       | 98.68 | 267.6       | 98.76 |
|        | 41                               | 148.0                        | 48.76 | 186.8       | 65.84 | 228.8       | 84.84 | 246.4       | 91.36 | 247.6       | 91.80 | 247.2       | 91.72 | 247.2       | 91.72 |
|        | 43                               | 148.0                        | 52.04 | 186.8       | 70.32 | 228.0       | 85.76 | 228.0       | 85.84 | 228.0       | 85.80 | 227.6       | 85.72 | 227.6       | 85.68 |
|        | 46                               | 148.0                        | 57.36 | 186.8       | 73.44 | 200.0       | 78.68 | 200.0       | 78.64 | 200.0       | 78.64 | 200.0       | 78.64 | 199.6       | 78.48 |
|        | 48                               | 148.0                        | 61.20 | 182.8       | 76.12 | 182.8       | 76.08 | 182.8       | 76.08 | 182.8       | 76.00 | 182.4       | 76.00 | 182.4       | 75.96 |
|        | 50                               | 148.0                        | 64.60 | 166.4       | 72.68 | 166.0       | 72.48 | 166.0       | 72.48 | 166.0       | 72.44 | 166.0       | 72.40 | 166.0       | 72.40 |
|        | 52                               | 146.0                        | 64.24 | 147.2       | 64.92 | 149.6       | 62.56 | 150.0       | 61.92 | 150.4       | 61.24 | 149.6       | 60.68 | 150.4       | 59.84 |
| 100    | 10                               | 134.4                        | 13.80 | 170.0       | 17.08 | 208.0       | 22.24 | 224.0       | 25.04 | 242.0       | 28.64 | 257.2       | 32.20 | 269.2       | 35.28 |
|        | 12                               | 134.4                        | 14.80 | 170.0       | 18.64 | 208.0       | 24.52 | 224.0       | 27.64 | 242.0       | 31.68 | 257.2       | 35.60 | 269.2       | 38.96 |
|        | 14                               | 134.4                        | 15.04 | 170.0       | 19.68 | 208.0       | 27.04 | 224.0       | 30.56 | 242.0       | 35.00 | 257.2       | 39.28 | 269.2       | 42.96 |
|        | 16                               | 134.4                        | 15.20 | 170.0       | 20.96 | 208.0       | 29.48 | 224.0       | 33.72 | 242.0       | 38.68 | 257.2       | 43.36 | 269.2       | 47.36 |
|        | 18                               | 134.4                        | 16.12 | 170.0       | 23.08 | 208.0       | 32.40 | 224.0       | 36.76 | 242.0       | 42.68 | 257.2       | 47.24 | 269.2       | 51.24 |
|        | 20                               | 134.4                        | 17.64 | 170.0       | 25.40 | 208.0       | 35.64 | 224.0       | 40.40 | 242.0       | 46.28 | 257.2       | 51.60 | 269.2       | 56.24 |
|        | 21                               | 134.4                        | 18.60 | 170.0       | 26.68 | 208.0       | 37.32 | 224.0       | 42.52 | 242.0       | 48.60 | 257.2       | 54.20 | 269.2       | 58.60 |
|        | 23                               | 134.4                        | 20.68 | 170.0       | 29.48 | 208.0       | 41.24 | 224.0       | 46.88 | 242.0       | 52.88 | 257.2       | 58.20 | 269.2       | 62.56 |
|        | 25                               | 134.4                        | 23.08 | 170.0       | 32.96 | 208.0       | 45.64 | 224.0       | 50.92 | 242.0       | 56.56 | 257.2       | 62.16 | 269.2       | 66.72 |
|        | 27                               | 134.4                        | 25.84 | 170.0       | 36.92 | 208.0       | 48.64 | 224.0       | 54.28 | 242.0       | 61.08 | 257.2       | 67.36 | 269.2       | 71.56 |
|        | 29                               | 134.4                        | 29.12 | 170.0       | 39.36 | 208.0       | 51.88 | 224.0       | 57.84 | 242.0       | 65.12 | 257.2       | 71.80 | 269.2       | 77.36 |
|        | 31                               | 134.4                        | 31.60 | 170.0       | 41.96 | 208.0       | 55.32 | 224.0       | 61.68 | 242.0       | 69.44 | 257.2       | 76.60 | 269.2       | 82.56 |
|        | 33                               | 134.4                        | 33.68 | 170.0       | 44.76 | 208.0       | 59.00 | 224.0       | 65.80 | 242.0       | 74.08 | 257.2       | 81.80 | 269.2       | 88.16 |
|        | 35                               | 134.4                        | 35.92 | 170.0       | 47.76 | 208.0       | 62.92 | 224.0       | 70.16 | 242.0       | 79.16 | 257.2       | 87.52 | 269.2       | 93.40 |
|        | 37                               | 134.4                        | 38.28 | 170.0       | 50.92 | 208.0       | 67.16 | 224.0       | 75.00 | 242.0       | 84.68 | 257.2       | 93.84 | 269.2       | 99.12 |
|        | 39                               | 134.4                        | 40.84 | 170.0       | 54.32 | 208.0       | 71.72 | 224.0       | 80.20 | 242.0       | 89.32 | 257.2       | 95.00 | 267.6       | 98.84 |
|        | 41                               | 134.4                        | 43.60 | 170.0       | 57.96 | 208.0       | 76.64 | 224.0       | 83.04 | 242.0       | 89.72 | 247.2       | 91.76 | 247.6       | 91.76 |
|        | 43                               | 134.4                        | 46.52 | 170.0       | 61.84 | 208.0       | 78.28 | 224.0       | 84.28 | 227.6       | 85.76 | 228.0       | 85.84 | 228.0       | 85.80 |
|        | 46                               | 134.4                        | 51.28 | 170.0       | 66.76 | 200.0       | 78.64 | 200.4       | 78.68 | 200.4       | 78.68 | 200.4       | 78.68 | 200.0       | 78.56 |
|        | 48                               | 134.4                        | 54.72 | 170.0       | 70.72 | 183.2       | 76.16 | 182.8       | 76.12 | 182.8       | 76.04 | 182.8       | 76.04 | 182.8       | 76.04 |
|        | 50                               | 134.4                        | 58.40 | 166.4       | 72.56 | 166.4       | 72.52 | 166.4       | 72.52 | 166.0       | 72.44 | 166.0       | 72.40 | 166.0       | 72.40 |
|        | 52                               | 134.4                        | 59.28 | 146.8       | 64.64 | 148.0       | 64.44 | 148.8       | 63.44 | 149.6       | 62.40 | 150.4       | 61.40 | 150.4       | 60.60 |
| 90     | 10                               | 121.2                        | 12.88 | 152.8       | 15.36 | 187.2       | 19.16 | 201.6       | 21.24 | 217.6       | 23.92 | 231.6       | 26.48 | 242.4       | 28.76 |
|        | 12                               | 121.2                        | 13.16 | 152.8       | 16.60 | 187.2       | 21.04 | 201.6       | 23.40 | 217.6       | 26.40 | 231.6       | 29.28 | 242.4       | 31.80 |
|        | 14                               | 121.2                        | 13.32 | 152.8       | 17.16 | 187.2       | 22.48 | 201.6       | 25.76 | 217.6       | 29.16 | 231.6       | 32.36 | 242.4       | 35.12 |
|        | 16                               | 121.2                        | 13.64 | 152.8       | 17.56 | 187.2       | 24.60 | 201.6       | 28.04 | 217.6       | 32.16 | 231.6       | 35.76 | 242.4       | 38.80 |
|        | 18                               | 121.2                        | 13.80 | 152.8       | 19.44 | 187.2       | 26.92 | 201.6       | 30.60 | 217.6       | 35.00 | 231.6       | 39.44 | 242.4       | 42.32 |
|        | 20                               | 121.2                        | 15.32 | 152.8       | 21.48 | 187.2       | 29.84 | 201.6       | 33.76 | 217.6       | 38.48 | 231.6       | 42.92 | 242.4       | 46.60 |
|        | 21                               | 121.2                        | 15.96 | 152.8       | 22.60 | 187.2       | 31.28 | 201.6       | 35.36 | 217.6       | 40.52 | 231.6       | 45.08 | 242.4       | 48.64 |
|        | 23                               | 121.2                        | 17.76 | 152.8       | 25.04 | 187.2       | 34.72 | 201.6       | 39.12 | 217.6       | 44.72 | 231.6       | 49.60 | 242.4       | 53.12 |
|        | 25                               | 121.2                        | 19.92 | 152.8       | 27.88 | 187.2       | 38.64 | 201.6       | 43.64 | 217.6       | 48.80 | 231.6       | 53.56 | 242.4       | 56.84 |
|        | 27                               | 121.2                        | 22.12 | 152.8       | 31.36 | 187.2       | 41.96 | 201.6       | 46.52 | 217.6       | 52.04 | 231.6       | 57.08 | 242.4       | 61.24 |
|        | 29                               | 121.2                        | 25.00 | 152.8       | 34.48 | 187.2       | 44.76 | 201.6       | 49.60 | 217.6       | 55.48 | 231.6       | 60.84 | 242.4       | 65.28 |
|        | 31                               | 121.2                        | 28.16 | 152.8       | 36.76 | 187.2       | 47.72 | 201.6       | 52.92 | 217.6       | 59.16 | 231.6       | 64.88 | 242.4       | 69.64 |
|        | 33                               | 121.2                        | 29.96 | 152.8       | 39.20 | 187.2       | 50.88 | 201.6       | 56.44 | 217.6       | 63.12 | 231.6       | 69.20 | 242.4       | 74.32 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 121.2                        | 31.92 | 152.8       | 41.80 | 187.2       | 54.28 | 201.6       | 60.20 | 217.6       | 67.32 | 231.6       | 73.88 | 242.4       | 79.36 |
|        | 37                              | 121.2                        | 34.04 | 152.8       | 44.56 | 187.2       | 57.92 | 201.6       | 64.20 | 217.6       | 71.88 | 231.6       | 78.96 | 242.4       | 84.92 |
|        | 39                              | 121.2                        | 36.32 | 152.8       | 47.56 | 187.2       | 61.80 | 201.6       | 68.56 | 217.6       | 76.80 | 231.6       | 84.52 | 242.4       | 89.48 |
|        | 41                              | 121.2                        | 38.76 | 152.8       | 50.72 | 187.2       | 65.96 | 201.6       | 73.24 | 217.6       | 80.76 | 231.6       | 85.88 | 242.4       | 89.88 |
|        | 43                              | 121.2                        | 41.36 | 152.8       | 54.12 | 187.2       | 70.44 | 201.6       | 75.88 | 217.6       | 81.96 | 228.0       | 85.84 | 228.0       | 85.80 |
|        | 46                              | 121.2                        | 45.60 | 152.8       | 59.64 | 187.2       | 73.52 | 200.4       | 78.76 | 200.4       | 78.68 | 200.0       | 78.68 | 200.4       | 78.68 |
|        | 48                              | 121.2                        | 48.68 | 152.8       | 63.68 | 183.2       | 76.20 | 182.8       | 76.12 | 182.8       | 76.08 | 182.8       | 76.04 | 182.8       | 76.04 |
|        | 50                              | 121.2                        | 51.96 | 152.8       | 66.72 | 166.4       | 72.68 | 166.4       | 72.64 | 166.4       | 72.56 | 166.4       | 72.52 | 166.4       | 72.52 |
|        | 52                              | 121.2                        | 55.48 | 146.0       | 64.32 | 147.6       | 65.40 | 148.4       | 64.40 | 149.2       | 63.32 | 149.6       | 62.32 | 150.4       | 61.56 |
| 80     | 10                              | 107.6                        | 11.80 | 136.0       | 13.92 | 166.4       | 16.68 | 179.2       | 18.16 | 193.6       | 20.04 | 205.6       | 21.88 | 215.6       | 23.48 |
|        | 12                              | 107.6                        | 11.84 | 136.0       | 14.92 | 166.4       | 18.16 | 179.2       | 19.88 | 193.6       | 22.04 | 205.6       | 24.12 | 215.6       | 25.92 |
|        | 14                              | 107.6                        | 11.96 | 136.0       | 15.16 | 166.4       | 19.12 | 179.2       | 20.96 | 193.6       | 23.68 | 205.6       | 26.60 | 215.6       | 28.64 |
|        | 16                              | 107.6                        | 12.12 | 136.0       | 15.36 | 166.4       | 20.24 | 179.2       | 22.76 | 193.6       | 26.16 | 205.6       | 29.04 | 215.6       | 31.60 |
|        | 18                              | 107.6                        | 12.44 | 136.0       | 16.32 | 166.4       | 22.28 | 179.2       | 25.20 | 193.6       | 28.56 | 205.6       | 31.72 | 215.6       | 34.52 |
|        | 20                              | 107.6                        | 13.12 | 136.0       | 17.84 | 166.4       | 24.52 | 179.2       | 27.72 | 193.6       | 31.56 | 205.6       | 34.92 | 215.6       | 37.96 |
|        | 21                              | 107.6                        | 13.68 | 136.0       | 18.80 | 166.4       | 25.80 | 179.2       | 29.08 | 193.6       | 33.08 | 205.6       | 36.84 | 215.6       | 39.68 |
|        | 23                              | 107.6                        | 15.20 | 136.0       | 20.92 | 166.4       | 28.52 | 179.2       | 32.36 | 193.6       | 36.68 | 205.6       | 40.44 | 215.6       | 43.80 |
|        | 25                              | 107.6                        | 16.84 | 136.0       | 23.36 | 166.4       | 31.92 | 179.2       | 35.80 | 193.6       | 40.80 | 205.6       | 44.96 | 215.6       | 48.04 |
|        | 27                              | 107.6                        | 19.00 | 136.0       | 26.20 | 166.4       | 35.92 | 179.2       | 39.56 | 193.6       | 43.96 | 205.6       | 47.96 | 215.6       | 51.24 |
|        | 29                              | 107.6                        | 21.52 | 136.0       | 29.44 | 166.4       | 38.28 | 179.2       | 42.20 | 193.6       | 46.88 | 205.6       | 51.12 | 215.6       | 54.64 |
|        | 31                              | 107.6                        | 24.24 | 136.0       | 31.96 | 166.4       | 40.84 | 179.2       | 45.00 | 193.6       | 50.00 | 205.6       | 54.52 | 215.6       | 58.24 |
|        | 33                              | 107.6                        | 26.52 | 136.0       | 34.08 | 166.4       | 43.56 | 179.2       | 48.00 | 193.6       | 53.32 | 205.6       | 58.16 | 215.6       | 62.12 |
|        | 35                              | 107.6                        | 28.24 | 136.0       | 36.32 | 166.4       | 46.44 | 179.2       | 51.16 | 193.6       | 56.88 | 205.6       | 62.00 | 215.6       | 66.28 |
|        | 37                              | 107.6                        | 30.08 | 136.0       | 38.72 | 166.4       | 49.56 | 179.2       | 54.60 | 193.6       | 60.64 | 205.6       | 66.16 | 215.6       | 70.76 |
|        | 39                              | 107.6                        | 32.08 | 136.0       | 41.32 | 166.4       | 52.84 | 179.2       | 58.24 | 193.6       | 64.72 | 205.6       | 70.68 | 215.6       | 75.60 |
|        | 41                              | 107.6                        | 34.24 | 136.0       | 44.08 | 166.4       | 56.40 | 179.2       | 62.16 | 193.6       | 69.12 | 205.6       | 75.52 | 215.6       | 79.88 |
|        | 43                              | 107.6                        | 36.56 | 136.0       | 47.04 | 166.4       | 60.16 | 179.2       | 66.32 | 193.6       | 72.84 | 205.6       | 77.48 | 215.6       | 81.08 |
|        | 46                              | 107.6                        | 40.32 | 136.0       | 51.88 | 166.4       | 65.36 | 179.2       | 70.40 | 193.6       | 76.04 | 200.0       | 78.64 | 200.0       | 78.64 |
|        | 48                              | 107.6                        | 43.08 | 136.0       | 55.36 | 166.4       | 69.20 | 179.2       | 74.56 | 182.8       | 76.12 | 182.8       | 76.04 | 182.8       | 76.00 |
|        | 50                              | 107.6                        | 46.00 | 136.0       | 59.08 | 166.4       | 72.56 | 166.4       | 72.64 | 166.4       | 72.56 | 166.4       | 72.52 | 166.0       | 72.48 |
|        | 52                              | 107.6                        | 49.12 | 136.0       | 59.88 | 146.8       | 64.68 | 147.6       | 64.96 | 148.4       | 64.56 | 148.8       | 63.52 | 149.6       | 62.76 |
| 70     | 10                              | 94.40                        | 9.76  | 118.8       | 12.76 | 145.6       | 14.68 | 156.8       | 15.72 | 169.2       | 17.00 | 180.0       | 18.28 | 188.4       | 19.36 |
|        | 12                              | 94.40                        | 10.60 | 118.8       | 12.88 | 145.6       | 15.84 | 156.8       | 17.04 | 169.2       | 18.56 | 180.0       | 20.00 | 188.4       | 21.24 |
|        | 14                              | 94.40                        | 10.72 | 118.8       | 13.20 | 145.6       | 16.24 | 156.8       | 17.72 | 169.2       | 19.52 | 180.0       | 21.16 | 188.4       | 22.76 |
|        | 16                              | 94.40                        | 10.88 | 118.8       | 13.36 | 145.6       | 16.60 | 156.8       | 18.36 | 169.2       | 20.76 | 180.0       | 23.04 | 188.4       | 24.88 |
|        | 18                              | 94.40                        | 11.00 | 118.8       | 13.68 | 145.6       | 18.04 | 156.8       | 20.24 | 169.2       | 22.84 | 180.0       | 25.28 | 188.4       | 27.24 |
|        | 20                              | 94.40                        | 11.24 | 118.8       | 14.92 | 145.6       | 19.76 | 156.8       | 22.32 | 169.2       | 25.16 | 180.0       | 27.80 | 188.4       | 30.16 |
|        | 21                              | 94.40                        | 11.80 | 118.8       | 15.72 | 145.6       | 20.84 | 156.8       | 23.48 | 169.2       | 26.44 | 180.0       | 29.40 | 188.4       | 31.60 |
|        | 23                              | 94.40                        | 12.92 | 118.8       | 17.28 | 145.6       | 23.12 | 156.8       | 26.00 | 169.2       | 29.44 | 180.0       | 32.44 | 188.4       | 35.08 |
|        | 25                              | 94.40                        | 14.28 | 118.8       | 19.40 | 145.6       | 26.00 | 156.8       | 29.16 | 169.2       | 32.68 | 180.0       | 36.16 | 188.4       | 39.04 |
|        | 27                              | 94.40                        | 15.92 | 118.8       | 21.76 | 145.6       | 29.04 | 156.8       | 32.56 | 169.2       | 36.76 | 180.0       | 39.84 | 188.4       | 42.36 |
|        | 29                              | 94.40                        | 18.08 | 118.8       | 24.64 | 145.6       | 32.48 | 156.8       | 35.52 | 169.2       | 39.16 | 180.0       | 42.48 | 188.4       | 45.20 |
|        | 31                              | 94.40                        | 20.48 | 118.8       | 27.60 | 145.6       | 34.60 | 156.8       | 37.88 | 169.2       | 41.80 | 180.0       | 45.32 | 188.4       | 48.20 |
|        | 33                              | 94.40                        | 23.04 | 118.8       | 29.40 | 145.6       | 36.88 | 156.8       | 40.40 | 169.2       | 44.56 | 180.0       | 48.32 | 188.4       | 51.40 |
|        | 35                              | 94.40                        | 24.84 | 118.8       | 31.32 | 145.6       | 39.36 | 156.8       | 43.08 | 169.2       | 47.52 | 180.0       | 51.52 | 188.4       | 54.84 |
|        | 37                              | 94.40                        | 26.44 | 118.8       | 33.36 | 145.6       | 41.96 | 156.8       | 45.96 | 169.2       | 50.72 | 180.0       | 54.96 | 188.4       | 58.48 |
|        | 39                              | 94.40                        | 28.16 | 118.8       | 35.60 | 145.6       | 44.80 | 156.8       | 49.04 | 169.2       | 54.08 | 180.0       | 58.64 | 188.4       | 62.40 |
|        | 41                              | 94.40                        | 30.04 | 118.8       | 38.00 | 145.6       | 47.76 | 156.8       | 52.32 | 169.2       | 57.72 | 180.0       | 62.60 | 188.4       | 66.60 |
|        | 43                              | 94.40                        | 32.08 | 118.8       | 40.56 | 145.6       | 50.96 | 156.8       | 55.80 | 169.2       | 61.56 | 180.0       | 66.80 | 188.4       | 71.12 |
|        | 46                              | 94.40                        | 35.40 | 118.8       | 44.72 | 145.6       | 56.20 | 156.8       | 61.52 | 169.2       | 66.56 | 180.0       | 70.76 | 188.4       | 74.08 |
|        | 48                              | 94.40                        | 37.84 | 118.8       | 47.76 | 145.6       | 59.96 | 156.8       | 65.68 | 169.2       | 70.48 | 180.0       | 74.92 | 183.2       | 76.16 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 94.40                        | 40.44 | 118.8       | 50.96 | 145.6       | 64.00 | 156.8       | 68.36 | 166.4       | 72.64 | 166.4       | 72.52 | 166.4       | 72.60 |
|        | 52                              | 94.40                        | 43.20 | 118.8       | 54.40 | 145.6       | 64.08 | 146.4       | 64.48 | 147.2       | 64.80 | 148.0       | 65.16 | 148.4       | 64.36 |
| 60     | 10                              | 80.80                        | 7.68  | 102.0       | 10.88 | 124.8       | 13.12 | 134.4       | 13.80 | 145.2       | 14.64 | 154.4       | 15.48 | 161.6       | 16.20 |
|        | 12                              | 80.80                        | 9.40  | 102.0       | 11.24 | 124.8       | 13.48 | 134.4       | 14.76 | 145.2       | 15.80 | 154.4       | 16.76 | 161.6       | 17.60 |
|        | 14                              | 80.80                        | 9.52  | 102.0       | 11.40 | 124.8       | 13.80 | 134.4       | 15.00 | 145.2       | 16.28 | 154.4       | 17.36 | 161.6       | 18.48 |
|        | 16                              | 80.80                        | 9.64  | 102.0       | 11.52 | 124.8       | 13.96 | 134.4       | 15.16 | 145.2       | 16.64 | 154.4       | 17.84 | 161.6       | 19.36 |
|        | 18                              | 80.80                        | 9.76  | 102.0       | 11.84 | 124.8       | 14.48 | 134.4       | 16.08 | 145.2       | 17.92 | 154.4       | 19.68 | 161.6       | 21.12 |
|        | 20                              | 80.80                        | 9.88  | 102.0       | 12.32 | 124.8       | 15.84 | 134.4       | 17.60 | 145.2       | 19.80 | 154.4       | 21.72 | 161.6       | 23.52 |
|        | 21                              | 80.80                        | 10.00 | 102.0       | 12.80 | 124.8       | 16.72 | 134.4       | 18.52 | 145.2       | 20.84 | 154.4       | 22.88 | 161.6       | 24.72 |
|        | 23                              | 80.80                        | 10.84 | 102.0       | 14.20 | 124.8       | 18.60 | 134.4       | 20.64 | 145.2       | 23.16 | 154.4       | 25.32 | 161.6       | 27.36 |
|        | 25                              | 80.80                        | 11.96 | 102.0       | 15.76 | 124.8       | 20.60 | 134.4       | 23.04 | 145.2       | 25.80 | 154.4       | 28.48 | 161.6       | 30.36 |
|        | 27                              | 80.80                        | 13.28 | 102.0       | 17.52 | 124.8       | 23.12 | 134.4       | 25.80 | 145.2       | 28.84 | 154.4       | 31.76 | 161.6       | 34.08 |
|        | 29                              | 80.80                        | 14.92 | 102.0       | 19.92 | 124.8       | 26.08 | 134.4       | 29.04 | 145.2       | 32.40 | 154.4       | 34.88 | 161.6       | 36.88 |
|        | 31                              | 80.80                        | 17.12 | 102.0       | 22.72 | 124.8       | 29.04 | 134.4       | 31.56 | 145.2       | 34.52 | 154.4       | 37.16 | 161.6       | 39.32 |
|        | 33                              | 80.80                        | 19.60 | 102.0       | 25.16 | 124.8       | 30.92 | 134.4       | 33.60 | 145.2       | 36.80 | 154.4       | 39.64 | 161.6       | 41.96 |
|        | 35                              | 80.80                        | 21.40 | 102.0       | 26.76 | 124.8       | 32.96 | 134.4       | 35.84 | 145.2       | 39.24 | 154.4       | 42.28 | 161.6       | 44.76 |
|        | 37                              | 80.80                        | 22.76 | 102.0       | 28.48 | 124.8       | 35.16 | 134.4       | 38.20 | 145.2       | 41.84 | 154.4       | 45.08 | 161.6       | 47.72 |
|        | 39                              | 80.80                        | 24.52 | 102.0       | 30.40 | 124.8       | 37.52 | 134.4       | 40.76 | 145.2       | 44.64 | 154.4       | 48.12 | 161.6       | 50.92 |
|        | 41                              | 80.80                        | 26.16 | 102.0       | 32.40 | 124.8       | 40.04 | 134.4       | 43.52 | 145.2       | 47.64 | 154.4       | 51.32 | 161.6       | 54.32 |
|        | 43                              | 80.80                        | 27.92 | 102.0       | 34.60 | 124.8       | 42.72 | 134.4       | 46.44 | 145.2       | 50.80 | 154.4       | 54.76 | 161.6       | 57.96 |
|        | 46                              | 80.80                        | 30.84 | 102.0       | 38.20 | 124.8       | 47.12 | 134.4       | 51.16 | 145.2       | 56.00 | 154.4       | 60.36 | 161.6       | 63.92 |
|        | 48                              | 80.80                        | 32.96 | 102.0       | 40.80 | 124.8       | 50.28 | 134.4       | 54.60 | 145.2       | 59.76 | 154.4       | 64.40 | 161.6       | 67.24 |
|        | 50                              | 80.80                        | 35.24 | 102.0       | 43.60 | 124.8       | 53.64 | 134.4       | 58.28 | 145.2       | 63.80 | 154.4       | 67.32 | 161.6       | 70.48 |
|        | 52                              | 80.80                        | 37.72 | 102.0       | 46.56 | 124.8       | 57.24 | 134.4       | 59.16 | 145.2       | 63.92 | 146.4       | 64.44 | 146.8       | 64.68 |
| 50     | 10                              | 67.20                        | 6.04  | 84.80       | 8.28  | 104.0       | 11.20 | 112.0       | 12.12 | 120.8       | 12.88 | 128.8       | 13.40 | 134.8       | 13.80 |
|        | 12                              | 67.20                        | 8.36  | 84.80       | 9.80  | 104.0       | 11.40 | 112.0       | 12.28 | 120.8       | 13.20 | 128.8       | 14.00 | 134.8       | 14.80 |
|        | 14                              | 67.20                        | 8.48  | 84.80       | 9.92  | 104.0       | 11.68 | 112.0       | 12.44 | 120.8       | 13.36 | 128.8       | 14.20 | 134.8       | 15.04 |
|        | 16                              | 67.20                        | 8.60  | 84.80       | 10.04 | 104.0       | 11.84 | 112.0       | 12.56 | 120.8       | 13.68 | 128.8       | 14.52 | 134.8       | 15.20 |
|        | 18                              | 67.20                        | 8.60  | 84.80       | 10.20 | 104.0       | 11.96 | 112.0       | 12.88 | 120.8       | 13.84 | 128.8       | 15.16 | 134.8       | 16.12 |
|        | 20                              | 67.20                        | 8.72  | 84.80       | 10.32 | 104.0       | 12.52 | 112.0       | 13.76 | 120.8       | 15.16 | 128.8       | 16.60 | 134.8       | 17.84 |
|        | 21                              | 67.20                        | 8.80  | 84.80       | 10.52 | 104.0       | 13.20 | 112.0       | 14.48 | 120.8       | 16.00 | 128.8       | 17.48 | 134.8       | 18.60 |
|        | 23                              | 67.20                        | 9.16  | 84.80       | 11.48 | 104.0       | 14.48 | 112.0       | 15.96 | 120.8       | 17.80 | 128.8       | 19.48 | 134.8       | 20.72 |
|        | 25                              | 67.20                        | 9.96  | 84.80       | 12.64 | 104.0       | 16.24 | 112.0       | 17.88 | 120.8       | 19.72 | 128.8       | 21.56 | 134.8       | 23.08 |
|        | 27                              | 67.20                        | 11.04 | 84.80       | 14.08 | 104.0       | 18.08 | 112.0       | 19.92 | 120.8       | 22.16 | 128.8       | 24.20 | 134.8       | 25.92 |
|        | 29                              | 67.20                        | 12.32 | 84.80       | 16.04 | 104.0       | 20.52 | 112.0       | 22.56 | 120.8       | 25.04 | 128.8       | 27.48 | 134.8       | 29.16 |
|        | 31                              | 67.20                        | 14.00 | 84.80       | 18.12 | 104.0       | 23.16 | 112.0       | 25.64 | 120.8       | 28.12 | 128.8       | 30.04 | 134.8       | 31.60 |
|        | 33                              | 67.20                        | 16.08 | 84.80       | 20.96 | 104.0       | 25.36 | 112.0       | 27.60 | 120.8       | 29.92 | 128.8       | 32.00 | 134.8       | 33.68 |
|        | 35                              | 67.20                        | 18.16 | 84.80       | 22.32 | 104.0       | 27.28 | 112.0       | 29.40 | 120.8       | 31.88 | 128.8       | 34.12 | 134.8       | 35.92 |
|        | 37                              | 67.20                        | 19.56 | 84.80       | 24.08 | 104.0       | 29.04 | 112.0       | 31.32 | 120.8       | 34.00 | 128.8       | 36.36 | 134.8       | 38.32 |
|        | 39                              | 67.20                        | 20.80 | 84.80       | 25.64 | 104.0       | 30.96 | 112.0       | 33.40 | 120.8       | 36.28 | 128.8       | 38.80 | 134.8       | 40.88 |
|        | 41                              | 67.20                        | 22.16 | 84.80       | 27.32 | 104.0       | 33.04 | 112.0       | 35.64 | 120.8       | 38.68 | 128.8       | 41.40 | 134.8       | 43.60 |
|        | 43                              | 67.20                        | 23.64 | 84.80       | 29.16 | 104.0       | 35.28 | 112.0       | 38.04 | 120.8       | 41.32 | 128.8       | 44.20 | 134.8       | 46.52 |
|        | 46                              | 67.20                        | 26.16 | 84.80       | 32.24 | 104.0       | 38.96 | 112.0       | 42.00 | 120.8       | 45.56 | 128.8       | 48.72 | 134.8       | 51.28 |
|        | 48                              | 67.20                        | 28.08 | 84.80       | 34.44 | 104.0       | 41.60 | 112.0       | 44.84 | 120.8       | 48.60 | 128.8       | 52.00 | 134.8       | 54.72 |
|        | 50                              | 67.20                        | 30.20 | 84.80       | 36.84 | 104.0       | 44.44 | 112.0       | 47.84 | 120.8       | 51.88 | 128.8       | 55.48 | 134.8       | 58.40 |
|        | 52                              | 67.20                        | 32.52 | 84.80       | 39.40 | 104.0       | 47.44 | 112.0       | 51.08 | 120.8       | 55.40 | 128.8       | 56.64 | 134.8       | 59.28 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM820LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 207.5                        | 29.84 | 252.5       | 37.68 | 284.9       | 46.88 | 298.5       | 49.98 | 313.2       | 53.48 | 330.5       | 56.65 | 341.7       | 59.13 |
|        | 12                               | 207.5                        | 31.06 | 252.5       | 39.71 | 284.9       | 49.60 | 298.5       | 52.42 | 313.2       | 56.03 | 330.5       | 59.11 | 341.6       | 61.62 |
|        | 14                               | 207.5                        | 32.33 | 252.5       | 41.87 | 284.9       | 52.39 | 298.5       | 55.38 | 313.2       | 58.80 | 330.5       | 61.94 | 341.5       | 64.51 |
|        | 16                               | 207.5                        | 33.79 | 252.5       | 44.14 | 284.9       | 55.61 | 298.5       | 58.61 | 313.2       | 62.19 | 330.5       | 65.44 | 341.3       | 67.91 |
|        | 18                               | 207.5                        | 35.72 | 252.5       | 47.16 | 284.9       | 58.84 | 298.5       | 62.58 | 313.2       | 66.27 | 330.5       | 69.44 | 341.0       | 71.55 |
|        | 20                               | 207.5                        | 37.94 | 252.5       | 50.73 | 284.9       | 62.62 | 298.5       | 68.28 | 313.2       | 71.84 | 330.5       | 75.76 | 340.7       | 77.43 |
|        | 21                               | 207.5                        | 39.21 | 252.5       | 52.66 | 284.9       | 64.30 | 298.5       | 71.59 | 313.2       | 75.20 | 330.5       | 79.32 | 340.5       | 80.94 |
|        | 23                               | 207.5                        | 42.46 | 252.5       | 56.29 | 284.9       | 68.18 | 298.5       | 78.02 | 313.2       | 82.53 | 330.5       | 86.27 | 340.0       | 87.80 |
|        | 25                               | 207.5                        | 45.93 | 252.5       | 60.13 | 284.9       | 72.82 | 298.5       | 85.78 | 313.2       | 90.21 | 330.0       | 93.90 | 339.5       | 95.47 |
|        | 27                               | 207.5                        | 49.61 | 252.5       | 64.34 | 284.9       | 78.05 | 298.5       | 94.26 | 313.2       | 98.19 | 329.4       | 102.0 | 339.0       | 103.9 |
|        | 29                               | 207.5                        | 52.94 | 252.5       | 68.63 | 284.9       | 84.55 | 298.5       | 103.0 | 313.2       | 107.1 | 328.9       | 111.0 | 338.4       | 112.5 |
|        | 31                               | 207.5                        | 56.43 | 252.5       | 72.69 | 284.9       | 90.74 | 298.5       | 105.5 | 313.2       | 109.7 | 326.8       | 113.2 | 336.9       | 115.1 |
|        | 33                               | 207.5                        | 60.10 | 252.5       | 78.02 | 284.9       | 97.67 | 298.5       | 107.8 | 312.5       | 112.0 | 322.8       | 114.4 | 328.4       | 114.8 |
|        | 35                               | 207.5                        | 64.04 | 252.5       | 83.11 | 284.9       | 106.0 | 297.7       | 109.9 | 308.1       | 112.8 | 313.9       | 113.6 | 319.9       | 114.0 |
|        | 37                               | 207.5                        | 68.25 | 252.5       | 88.48 | 283.7       | 107.7 | 294.1       | 110.7 | 297.9       | 111.3 | 302.6       | 111.9 | 308.0       | 112.1 |
|        | 39                               | 207.5                        | 72.66 | 252.5       | 94.55 | 280.0       | 107.5 | 283.4       | 107.9 | 285.9       | 108.3 | 291.0       | 108.9 | 296.4       | 109.2 |
|        | 41                               | 207.5                        | 79.10 | 247.9       | 100.7 | 265.0       | 105.3 | 267.2       | 105.6 | 270.2       | 106.0 | 275.1       | 106.6 | 279.8       | 106.8 |
|        | 43                               | 207.5                        | 85.74 | 241.5       | 101.6 | 249.6       | 103.0 | 251.8       | 103.4 | 254.8       | 103.7 | 259.8       | 104.4 | 264.2       | 104.6 |
|        | 46                               | 203.1                        | 95.17 | 219.2       | 99.61 | 223.8       | 99.92 | 226.0       | 100.2 | 229.0       | 100.6 | 233.5       | 101.2 | 237.6       | 101.5 |
|        | 48                               | 188.3                        | 95.81 | 193.5       | 97.02 | 197.7       | 97.12 | 199.8       | 97.30 | 202.5       | 97.91 | 206.3       | 98.27 | 209.9       | 98.55 |
|        | 50                               | 168.7                        | 93.67 | 168.6       | 94.14 | 172.2       | 94.05 | 174.0       | 94.07 | 176.2       | 94.78 | 179.7       | 95.00 | 182.7       | 95.25 |
|        | 52                               | 145.8                        | 88.76 | 143.4       | 89.13 | 147.1       | 88.05 | 148.5       | 87.74 | 150.5       | 88.45 | 153.5       | 88.30 | 156.1       | 88.45 |
| 120    | 10                               | 189.1                        | 26.97 | 229.9       | 33.80 | 262.7       | 42.22 | 275.4       | 46.68 | 289.4       | 49.73 | 306.2       | 52.33 | 316.7       | 54.72 |
|        | 12                               | 189.1                        | 28.10 | 229.9       | 35.53 | 262.7       | 44.69 | 275.4       | 48.76 | 289.4       | 52.46 | 306.2       | 55.45 | 316.7       | 57.79 |
|        | 14                               | 189.1                        | 29.23 | 229.9       | 37.39 | 262.7       | 47.32 | 275.4       | 51.52 | 289.4       | 55.37 | 306.2       | 58.35 | 316.7       | 60.65 |
|        | 16                               | 189.1                        | 30.23 | 229.9       | 39.46 | 262.7       | 50.07 | 275.4       | 54.43 | 289.4       | 58.56 | 306.2       | 61.54 | 316.7       | 64.00 |
|        | 18                               | 189.1                        | 31.90 | 229.9       | 41.86 | 262.7       | 53.06 | 275.4       | 57.89 | 289.4       | 62.18 | 306.2       | 65.35 | 316.7       | 67.72 |
|        | 20                               | 189.1                        | 33.68 | 229.9       | 44.89 | 262.7       | 56.53 | 275.4       | 61.72 | 289.4       | 66.10 | 306.2       | 69.28 | 316.7       | 71.56 |
|        | 21                               | 189.1                        | 34.94 | 229.9       | 46.66 | 262.7       | 58.51 | 275.4       | 63.71 | 289.4       | 68.26 | 306.2       | 71.52 | 316.7       | 74.05 |
|        | 23                               | 189.1                        | 37.79 | 229.9       | 50.39 | 262.7       | 62.96 | 275.4       | 67.99 | 289.4       | 72.92 | 306.2       | 76.12 | 316.7       | 78.30 |
|        | 25                               | 189.1                        | 40.93 | 229.9       | 54.51 | 262.7       | 66.77 | 275.4       | 72.52 | 289.4       | 77.89 | 306.2       | 81.48 | 316.7       | 83.45 |
|        | 27                               | 189.1                        | 44.33 | 229.9       | 58.42 | 262.7       | 71.19 | 275.4       | 77.27 | 289.4       | 83.41 | 306.2       | 87.35 | 316.7       | 89.32 |
|        | 29                               | 189.1                        | 47.50 | 229.9       | 62.27 | 262.7       | 75.09 | 275.4       | 82.55 | 289.4       | 89.26 | 306.2       | 93.84 | 316.5       | 95.65 |
|        | 31                               | 189.1                        | 50.60 | 229.9       | 66.41 | 262.7       | 79.20 | 275.4       | 88.78 | 289.4       | 95.80 | 306.2       | 100.8 | 315.9       | 102.8 |
|        | 33                               | 189.1                        | 53.85 | 229.9       | 70.74 | 262.7       | 84.56 | 275.4       | 96.56 | 289.4       | 103.2 | 306.2       | 108.1 | 315.2       | 110.1 |
|        | 35                               | 189.1                        | 57.27 | 229.9       | 75.37 | 262.7       | 90.60 | 275.4       | 105.9 | 289.4       | 110.3 | 305.5       | 114.7 | 311.1       | 115.5 |
|        | 37                               | 189.1                        | 61.39 | 229.9       | 79.78 | 262.7       | 97.36 | 275.4       | 107.6 | 288.9       | 111.8 | 295.7       | 112.7 | 300.2       | 113.3 |
|        | 39                               | 189.1                        | 65.84 | 229.9       | 84.76 | 262.7       | 103.8 | 275.1       | 108.2 | 279.1       | 109.0 | 284.2       | 109.2 | 288.8       | 109.8 |
|        | 41                               | 189.1                        | 72.12 | 229.9       | 92.99 | 259.0       | 105.2 | 261.3       | 105.9 | 263.4       | 106.2 | 267.9       | 106.3 | 272.6       | 106.9 |
|        | 43                               | 189.1                        | 78.83 | 228.9       | 96.35 | 244.0       | 102.5 | 246.2       | 103.1 | 248.2       | 103.4 | 252.7       | 103.6 | 257.2       | 104.1 |
|        | 46                               | 185.3                        | 88.24 | 214.1       | 96.98 | 218.8       | 98.61 | 220.6       | 99.13 | 222.8       | 99.49 | 227.0       | 99.66 | 231.2       | 100.2 |
|        | 48                               | 171.9                        | 89.14 | 189.3       | 94.73 | 193.4       | 96.29 | 195.1       | 96.70 | 196.9       | 96.86 | 200.5       | 97.11 | 204.3       | 97.35 |
|        | 50                               | 157.8                        | 89.63 | 164.8       | 92.26 | 168.4       | 93.64 | 169.8       | 93.88 | 171.4       | 93.97 | 174.8       | 94.29 | 177.8       | 94.17 |
|        | 52                               | 137.7                        | 85.83 | 140.2       | 87.99 | 143.9       | 88.44 | 145.1       | 88.37 | 146.5       | 88.14 | 149.3       | 88.40 | 152.1       | 88.03 |
| 110    | 10                               | 170.9                        | 24.44 | 208.0       | 30.16 | 241.0       | 37.21 | 252.5       | 40.96 | 270.3       | 45.24 | 281.0       | 48.00 | 297.4       | 50.18 |
|        | 12                               | 170.9                        | 25.50 | 208.0       | 31.66 | 241.0       | 39.39 | 252.5       | 43.02 | 270.3       | 47.78 | 281.0       | 50.83 | 297.4       | 53.32 |
|        | 14                               | 170.9                        | 26.25 | 208.0       | 33.38 | 241.0       | 41.83 | 252.5       | 45.82 | 270.3       | 50.88 | 281.0       | 53.97 | 297.4       | 56.52 |
|        | 16                               | 170.9                        | 27.09 | 208.0       | 35.06 | 241.0       | 44.35 | 252.5       | 48.67 | 270.3       | 54.06 | 281.0       | 57.11 | 297.4       | 59.58 |
|        | 18                               | 170.9                        | 28.36 | 208.0       | 37.09 | 241.0       | 47.52 | 252.5       | 51.99 | 270.3       | 57.53 | 281.0       | 60.59 | 297.4       | 63.13 |
|        | 20                               | 170.9                        | 29.91 | 208.0       | 39.62 | 241.0       | 50.85 | 252.5       | 55.18 | 270.3       | 61.20 | 281.0       | 64.55 | 297.4       | 66.93 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 170.9                        | 30.88 | 208.0       | 41.02 | 241.0       | 52.48 | 252.5       | 57.05 | 270.3       | 63.24 | 281.0       | 66.51 | 297.4       | 69.02 |
|        | 23                              | 170.9                        | 33.31 | 208.0       | 44.37 | 241.0       | 56.27 | 252.5       | 60.83 | 270.3       | 67.18 | 281.0       | 70.44 | 297.4       | 73.07 |
|        | 25                              | 170.9                        | 36.10 | 208.0       | 47.82 | 241.0       | 59.87 | 252.5       | 64.74 | 270.3       | 71.29 | 281.0       | 74.34 | 297.4       | 77.72 |
|        | 27                              | 170.9                        | 39.18 | 208.0       | 51.53 | 241.0       | 63.69 | 252.5       | 68.61 | 270.3       | 74.91 | 281.0       | 78.48 | 297.4       | 82.58 |
|        | 29                              | 170.9                        | 42.38 | 208.0       | 55.02 | 241.0       | 67.45 | 252.5       | 72.82 | 270.3       | 79.44 | 281.0       | 82.88 | 297.4       | 87.29 |
|        | 31                              | 170.9                        | 45.06 | 208.0       | 58.61 | 241.0       | 71.45 | 252.5       | 77.17 | 270.3       | 84.58 | 281.0       | 87.95 | 297.4       | 92.52 |
|        | 33                              | 170.9                        | 48.00 | 208.0       | 62.37 | 241.0       | 75.67 | 252.5       | 81.77 | 270.3       | 90.24 | 281.0       | 93.55 | 297.4       | 97.92 |
|        | 35                              | 170.9                        | 51.02 | 208.0       | 66.53 | 241.0       | 80.05 | 252.5       | 86.73 | 270.3       | 96.35 | 281.0       | 99.32 | 297.2       | 103.8 |
|        | 37                              | 170.9                        | 54.13 | 208.0       | 70.68 | 241.0       | 84.72 | 252.5       | 92.80 | 270.3       | 102.8 | 281.0       | 105.4 | 292.4       | 107.9 |
|        | 39                              | 170.9                        | 58.12 | 208.0       | 75.16 | 241.0       | 90.67 | 252.5       | 99.59 | 270.3       | 107.9 | 275.4       | 108.4 | 281.2       | 108.9 |
|        | 41                              | 170.9                        | 63.71 | 208.0       | 81.68 | 241.0       | 98.29 | 252.5       | 109.3 | 256.7       | 110.3 | 261.0       | 110.8 | 265.0       | 111.4 |
|        | 43                              | 170.9                        | 68.82 | 208.0       | 87.81 | 237.5       | 105.2 | 240.0       | 106.1 | 241.8       | 105.9 | 246.0       | 106.3 | 249.9       | 106.5 |
|        | 46                              | 167.3                        | 72.12 | 204.0       | 90.55 | 212.8       | 100.1 | 215.0       | 100.1 | 216.6       | 100.6 | 220.8       | 101.0 | 224.1       | 101.1 |
|        | 48                              | 155.3                        | 72.81 | 184.9       | 89.56 | 188.1       | 95.76 | 190.3       | 96.20 | 191.6       | 96.46 | 195.2       | 96.65 | 198.4       | 96.91 |
|        | 50                              | 143.3                        | 73.40 | 161.4       | 85.93 | 163.9       | 91.10 | 165.6       | 91.94 | 167.0       | 91.97 | 170.0       | 91.97 | 172.8       | 92.31 |
|        | 52                              | 129.5                        | 71.48 | 137.4       | 80.67 | 140.0       | 84.26 | 141.6       | 85.38 | 142.7       | 85.00 | 145.1       | 84.64 | 147.7       | 84.85 |
| 100    | 10                              | 148.0                        | 21.93 | 180.2       | 27.06 | 214.2       | 32.92 | 229.6       | 36.01 | 245.8       | 39.47 | 267.9       | 44.10 | 276.4       | 45.68 |
|        | 12                              | 148.0                        | 23.01 | 180.2       | 28.51 | 214.2       | 34.64 | 229.6       | 37.75 | 245.8       | 41.55 | 267.9       | 47.08 | 276.4       | 48.80 |
|        | 14                              | 148.0                        | 23.66 | 180.2       | 29.82 | 214.2       | 36.69 | 229.6       | 40.05 | 245.8       | 44.09 | 267.9       | 50.33 | 276.4       | 52.11 |
|        | 16                              | 148.0                        | 24.28 | 180.2       | 30.96 | 214.2       | 38.82 | 229.6       | 42.62 | 245.8       | 47.12 | 267.9       | 53.57 | 276.4       | 55.59 |
|        | 18                              | 148.0                        | 25.09 | 180.2       | 32.69 | 214.2       | 41.05 | 229.6       | 45.30 | 245.8       | 50.58 | 267.9       | 57.14 | 276.4       | 58.99 |
|        | 20                              | 148.0                        | 26.43 | 180.2       | 34.53 | 214.2       | 43.95 | 229.6       | 48.89 | 245.8       | 54.42 | 267.9       | 60.67 | 276.4       | 62.69 |
|        | 21                              | 148.0                        | 27.21 | 180.2       | 35.63 | 214.2       | 45.65 | 229.6       | 50.84 | 245.8       | 56.65 | 267.9       | 62.55 | 276.4       | 64.54 |
|        | 23                              | 148.0                        | 29.30 | 180.2       | 38.56 | 214.2       | 49.41 | 229.6       | 54.98 | 245.8       | 61.05 | 267.9       | 66.16 | 276.4       | 68.18 |
|        | 25                              | 148.0                        | 31.61 | 180.2       | 41.72 | 214.2       | 53.35 | 229.6       | 59.20 | 245.8       | 65.46 | 267.9       | 69.71 | 276.4       | 72.09 |
|        | 27                              | 148.0                        | 34.29 | 180.2       | 45.12 | 214.2       | 57.19 | 229.6       | 63.30 | 245.8       | 69.81 | 267.9       | 74.46 | 276.4       | 76.43 |
|        | 29                              | 148.0                        | 37.27 | 180.2       | 48.23 | 214.2       | 60.98 | 229.6       | 67.52 | 245.8       | 73.90 | 267.9       | 78.88 | 276.4       | 81.05 |
|        | 31                              | 148.0                        | 39.93 | 180.2       | 51.40 | 214.2       | 64.96 | 229.6       | 71.94 | 245.8       | 77.88 | 267.9       | 83.31 | 276.4       | 85.61 |
|        | 33                              | 148.0                        | 42.39 | 180.2       | 54.72 | 214.2       | 69.23 | 229.6       | 76.68 | 245.8       | 81.46 | 267.9       | 88.01 | 276.4       | 90.42 |
|        | 35                              | 148.0                        | 45.08 | 180.2       | 58.22 | 214.2       | 73.70 | 229.6       | 81.72 | 245.8       | 86.02 | 267.1       | 92.85 | 276.2       | 95.32 |
|        | 37                              | 148.0                        | 48.17 | 180.2       | 62.27 | 214.2       | 78.22 | 229.6       | 86.06 | 245.8       | 91.49 | 264.3       | 97.80 | 273.0       | 100.3 |
|        | 39                              | 148.0                        | 51.51 | 180.2       | 66.67 | 214.2       | 83.06 | 229.6       | 90.72 | 245.8       | 97.13 | 261.7       | 101.8 | 270.0       | 103.9 |
|        | 41                              | 148.0                        | 55.89 | 180.2       | 72.44 | 214.2       | 89.56 | 229.6       | 98.02 | 245.8       | 103.7 | 252.2       | 105.0 | 257.1       | 105.6 |
|        | 43                              | 148.0                        | 61.10 | 180.2       | 79.28 | 214.2       | 96.32 | 229.6       | 105.1 | 232.8       | 106.0 | 237.2       | 106.2 | 240.8       | 106.9 |
|        | 46                              | 145.0                        | 68.37 | 176.8       | 88.51 | 206.3       | 103.9 | 207.3       | 107.4 | 208.5       | 107.6 | 212.5       | 107.8 | 215.8       | 108.5 |
|        | 48                              | 134.8                        | 63.81 | 164.6       | 82.69 | 182.0       | 92.61 | 183.2       | 95.15 | 184.5       | 95.38 | 187.8       | 95.49 | 191.1       | 96.00 |
|        | 50                              | 124.8                        | 59.23 | 149.8       | 74.95 | 157.7       | 80.78 | 159.9       | 82.38 | 160.6       | 82.55 | 163.8       | 82.61 | 166.4       | 82.93 |
|        | 52                              | 114.6                        | 53.83 | 129.8       | 63.33 | 133.5       | 67.10 | 136.6       | 67.46 | 137.3       | 67.37 | 140.1       | 67.11 | 142.3       | 67.02 |
| 90     | 10                              | 133.1                        | 20.21 | 162.4       | 24.81 | 192.7       | 29.66 | 206.7       | 32.23 | 221.1       | 35.14 | 242.8       | 39.20 | 263.4       | 42.85 |
|        | 12                              | 133.1                        | 20.90 | 162.4       | 25.61 | 192.7       | 30.82 | 206.7       | 33.58 | 221.1       | 36.70 | 242.8       | 40.90 | 263.4       | 45.08 |
|        | 14                              | 133.1                        | 21.24 | 162.4       | 26.22 | 192.7       | 31.98 | 206.7       | 35.01 | 221.1       | 38.28 | 242.8       | 42.68 | 263.4       | 47.06 |
|        | 16                              | 133.1                        | 21.66 | 162.4       | 26.75 | 192.7       | 33.25 | 206.7       | 36.46 | 221.1       | 39.98 | 242.8       | 44.61 | 263.4       | 49.09 |
|        | 18                              | 133.1                        | 22.00 | 162.4       | 27.86 | 192.7       | 34.65 | 206.7       | 38.12 | 221.1       | 41.75 | 242.8       | 46.74 | 263.4       | 52.22 |
|        | 20                              | 133.1                        | 22.87 | 162.4       | 29.09 | 192.7       | 36.35 | 206.7       | 39.87 | 221.1       | 44.20 | 242.8       | 50.32 | 263.4       | 55.58 |
|        | 21                              | 133.1                        | 23.38 | 162.4       | 29.74 | 192.7       | 37.41 | 206.7       | 41.38 | 221.1       | 46.04 | 242.8       | 51.73 | 263.4       | 57.26 |
|        | 23                              | 133.1                        | 24.49 | 162.4       | 31.63 | 192.7       | 40.45 | 206.7       | 44.84 | 221.1       | 49.77 | 242.8       | 55.54 | 263.4       | 61.39 |
|        | 25                              | 133.1                        | 26.24 | 162.4       | 34.27 | 192.7       | 43.75 | 206.7       | 48.54 | 221.1       | 53.61 | 242.8       | 59.70 | 263.4       | 65.40 |
|        | 27                              | 133.1                        | 28.48 | 162.4       | 37.26 | 192.7       | 47.06 | 206.7       | 51.98 | 221.1       | 57.43 | 242.8       | 63.59 | 263.4       | 69.67 |
|        | 29                              | 133.1                        | 30.83 | 162.4       | 40.10 | 192.7       | 50.31 | 206.7       | 55.46 | 221.1       | 61.24 | 242.8       | 67.42 | 263.4       | 73.66 |
|        | 31                              | 133.1                        | 33.48 | 162.4       | 42.72 | 192.7       | 53.54 | 206.7       | 59.02 | 221.1       | 65.22 | 242.8       | 71.14 | 263.4       | 77.81 |
|        | 33                              | 133.1                        | 35.62 | 162.4       | 45.47 | 192.7       | 57.05 | 206.7       | 62.85 | 221.1       | 69.26 | 242.8       | 74.92 | 262.4       | 81.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 133.1                        | 37.81 | 162.4       | 48.28 | 192.7       | 60.67 | 206.7       | 66.98 | 221.1       | 73.55 | 242.8       | 80.18 | 260.0       | 86.67 |
|        | 37                              | 133.1                        | 40.15 | 162.4       | 51.37 | 192.7       | 64.65 | 206.7       | 71.21 | 221.1       | 77.92 | 242.8       | 85.17 | 257.4       | 91.15 |
|        | 39                              | 133.1                        | 42.60 | 162.4       | 54.64 | 192.7       | 68.57 | 206.7       | 75.82 | 221.1       | 82.32 | 242.8       | 91.04 | 255.0       | 95.48 |
|        | 41                              | 133.1                        | 47.93 | 162.4       | 61.09 | 192.7       | 76.14 | 206.7       | 84.04 | 221.1       | 90.02 | 241.6       | 97.82 | 248.6       | 100.9 |
|        | 43                              | 133.1                        | 52.71 | 162.4       | 67.24 | 192.7       | 84.38 | 206.7       | 91.69 | 221.1       | 97.32 | 234.2       | 103.5 | 236.8       | 104.3 |
|        | 46                              | 130.5                        | 60.81 | 159.4       | 78.17 | 189.1       | 97.07 | 201.5       | 104.6 | 205.3       | 106.6 | 209.6       | 108.0 | 212.1       | 108.6 |
|        | 48                              | 121.3                        | 57.22 | 148.4       | 73.64 | 173.7       | 90.01 | 180.3       | 94.47 | 181.5       | 95.43 | 185.5       | 95.61 | 187.6       | 96.11 |
|        | 50                              | 112.3                        | 53.58 | 137.6       | 68.81 | 153.7       | 80.22 | 159.3       | 83.87 | 158.4       | 83.78 | 161.7       | 82.73 | 163.5       | 83.14 |
|        | 52                              | 103.1                        | 49.93 | 122.8       | 60.41 | 133.3       | 68.79 | 138.5       | 71.36 | 135.0       | 69.94 | 138.1       | 67.39 | 139.9       | 67.53 |
| 80     | 10                              | 118.1                        | 18.63 | 144.2       | 22.74 | 171.1       | 27.09 | 183.7       | 29.27 | 197.1       | 31.64 | 216.0       | 35.67 | 234.2       | 38.60 |
|        | 12                              | 118.1                        | 19.39 | 144.2       | 23.49 | 171.1       | 28.09 | 183.7       | 30.39 | 197.1       | 32.86 | 216.0       | 37.07 | 234.2       | 40.15 |
|        | 14                              | 118.1                        | 19.64 | 144.2       | 23.99 | 171.1       | 28.84 | 183.7       | 31.35 | 197.1       | 34.01 | 216.0       | 38.58 | 234.2       | 41.82 |
|        | 16                              | 118.1                        | 19.91 | 144.2       | 24.40 | 171.1       | 29.60 | 183.7       | 32.41 | 197.1       | 35.53 | 216.0       | 40.21 | 234.2       | 43.61 |
|        | 18                              | 118.1                        | 20.32 | 144.2       | 25.04 | 171.1       | 30.84 | 183.7       | 33.78 | 197.1       | 37.04 | 216.0       | 41.83 | 234.2       | 45.49 |
|        | 20                              | 118.1                        | 20.90 | 144.2       | 26.11 | 171.1       | 32.32 | 183.7       | 35.36 | 197.1       | 38.76 | 216.0       | 44.23 | 234.2       | 48.74 |
|        | 21                              | 118.1                        | 21.26 | 144.2       | 26.71 | 171.1       | 33.04 | 183.7       | 36.22 | 197.1       | 39.98 | 216.0       | 45.93 | 234.2       | 50.33 |
|        | 23                              | 118.1                        | 22.18 | 144.2       | 27.92 | 171.1       | 35.21 | 183.7       | 39.11 | 197.1       | 43.18 | 216.0       | 49.11 | 234.2       | 53.65 |
|        | 25                              | 118.1                        | 23.52 | 144.2       | 30.23 | 171.1       | 38.34 | 183.7       | 42.25 | 197.1       | 46.76 | 216.0       | 53.12 | 234.2       | 57.84 |
|        | 27                              | 118.1                        | 25.43 | 144.2       | 32.77 | 171.1       | 41.54 | 183.7       | 45.63 | 197.1       | 50.16 | 216.0       | 56.71 | 234.2       | 61.29 |
|        | 29                              | 118.1                        | 27.60 | 144.2       | 35.67 | 171.1       | 44.30 | 183.7       | 48.67 | 197.1       | 53.53 | 216.0       | 60.59 | 234.2       | 64.65 |
|        | 31                              | 118.1                        | 30.03 | 144.2       | 38.04 | 171.1       | 47.21 | 183.7       | 51.85 | 197.1       | 56.96 | 216.0       | 64.35 | 234.2       | 68.16 |
|        | 33                              | 118.1                        | 32.15 | 144.2       | 40.57 | 171.1       | 50.26 | 183.7       | 55.23 | 197.1       | 60.65 | 216.0       | 68.04 | 234.2       | 71.83 |
|        | 35                              | 118.1                        | 34.11 | 144.2       | 43.05 | 171.1       | 53.50 | 183.7       | 58.76 | 197.1       | 64.65 | 216.0       | 72.22 | 234.2       | 76.64 |
|        | 37                              | 118.1                        | 36.15 | 144.2       | 45.77 | 171.1       | 56.82 | 183.7       | 62.52 | 197.1       | 68.73 | 216.0       | 76.48 | 234.2       | 81.54 |
|        | 39                              | 118.1                        | 38.28 | 144.2       | 48.51 | 171.1       | 60.66 | 183.7       | 66.96 | 197.1       | 73.61 | 216.0       | 81.07 | 234.2       | 87.27 |
|        | 41                              | 118.1                        | 42.78 | 144.2       | 54.25 | 171.1       | 67.41 | 183.7       | 74.36 | 197.1       | 81.88 | 216.0       | 89.01 | 233.8       | 95.62 |
|        | 43                              | 118.1                        | 47.68 | 144.2       | 60.12 | 171.1       | 74.67 | 183.7       | 82.31 | 197.1       | 90.57 | 216.0       | 96.63 | 227.8       | 101.7 |
|        | 46                              | 115.9                        | 54.60 | 141.4       | 69.40 | 167.9       | 85.97 | 180.1       | 93.60 | 193.3       | 103.7 | 206.1       | 108.1 | 208.8       | 108.7 |
|        | 48                              | 107.7                        | 51.30 | 131.8       | 65.29 | 156.7       | 80.86 | 167.8       | 87.81 | 174.9       | 94.75 | 182.3       | 95.73 | 184.6       | 96.22 |
|        | 50                              | 99.70                        | 47.98 | 122.2       | 61.15 | 144.1       | 74.63 | 149.3       | 78.52 | 154.7       | 84.34 | 159.0       | 82.85 | 161.0       | 83.22 |
|        | 52                              | 91.50                        | 44.64 | 112.4       | 56.20 | 124.9       | 63.89 | 129.7       | 67.12 | 134.4       | 72.09 | 135.5       | 67.79 | 137.5       | 67.89 |
| 70     | 10                              | 103.5                        | 16.25 | 126.3       | 19.87 | 149.7       | 23.53 | 160.6       | 25.38 | 172.3       | 27.21 | 188.9       | 30.48 | 204.9       | 33.62 |
|        | 12                              | 103.5                        | 17.11 | 126.3       | 20.51 | 149.7       | 24.46 | 160.6       | 26.24 | 172.3       | 28.23 | 188.9       | 31.60 | 204.9       | 34.89 |
|        | 14                              | 103.5                        | 17.38 | 126.3       | 20.85 | 149.7       | 24.87 | 160.6       | 26.82 | 172.3       | 28.98 | 188.9       | 32.69 | 204.9       | 36.07 |
|        | 16                              | 103.5                        | 17.64 | 126.3       | 21.21 | 149.7       | 25.32 | 160.6       | 27.45 | 172.3       | 29.85 | 188.9       | 33.76 | 204.9       | 37.48 |
|        | 18                              | 103.5                        | 17.90 | 126.3       | 21.63 | 149.7       | 26.26 | 160.6       | 28.60 | 172.3       | 31.09 | 188.9       | 35.13 | 204.9       | 38.95 |
|        | 20                              | 103.5                        | 18.18 | 126.3       | 22.43 | 149.7       | 27.31 | 160.6       | 29.85 | 172.3       | 32.57 | 188.9       | 36.76 | 204.9       | 41.25 |
|        | 21                              | 103.5                        | 18.59 | 126.3       | 22.86 | 149.7       | 27.94 | 160.6       | 30.58 | 172.3       | 33.34 | 188.9       | 37.84 | 204.9       | 42.45 |
|        | 23                              | 103.5                        | 19.28 | 126.3       | 23.94 | 149.7       | 29.36 | 160.6       | 32.34 | 172.3       | 35.70 | 188.9       | 40.93 | 204.9       | 45.44 |
|        | 25                              | 103.5                        | 20.09 | 126.3       | 25.43 | 149.7       | 31.84 | 160.6       | 35.16 | 172.3       | 38.66 | 188.9       | 44.25 | 204.9       | 48.48 |
|        | 27                              | 103.5                        | 21.62 | 126.3       | 27.67 | 149.7       | 34.57 | 160.6       | 37.99 | 172.3       | 41.90 | 188.9       | 47.71 | 204.9       | 51.95 |
|        | 29                              | 103.5                        | 23.53 | 126.3       | 30.00 | 149.7       | 37.35 | 160.6       | 40.80 | 172.3       | 44.67 | 188.9       | 50.97 | 204.9       | 55.59 |
|        | 31                              | 103.5                        | 25.60 | 126.3       | 32.59 | 149.7       | 39.82 | 160.6       | 43.54 | 172.3       | 47.61 | 188.9       | 54.28 | 204.9       | 59.04 |
|        | 33                              | 103.5                        | 27.79 | 126.3       | 34.51 | 149.7       | 42.32 | 160.6       | 46.23 | 172.3       | 50.61 | 188.9       | 57.75 | 204.9       | 62.84 |
|        | 35                              | 103.5                        | 29.45 | 126.3       | 36.77 | 149.7       | 45.01 | 160.6       | 49.19 | 172.3       | 53.88 | 188.9       | 61.51 | 204.9       | 66.71 |
|        | 37                              | 103.5                        | 31.29 | 126.3       | 38.99 | 149.7       | 47.83 | 160.6       | 52.34 | 172.3       | 57.34 | 188.9       | 65.47 | 204.9       | 70.62 |
|        | 39                              | 103.5                        | 33.21 | 126.3       | 41.54 | 149.7       | 51.06 | 160.6       | 56.07 | 172.3       | 61.59 | 188.9       | 69.93 | 204.9       | 75.80 |
|        | 41                              | 103.5                        | 37.07 | 126.3       | 46.10 | 149.7       | 56.69 | 160.6       | 62.27 | 172.3       | 68.01 | 188.9       | 77.84 | 204.9       | 83.39 |
|        | 43                              | 103.5                        | 41.00 | 126.3       | 51.02 | 149.7       | 62.76 | 160.6       | 68.91 | 172.3       | 75.33 | 188.9       | 86.36 | 204.9       | 91.92 |
|        | 46                              | 101.5                        | 46.88 | 123.9       | 58.78 | 146.9       | 72.40 | 157.6       | 78.92 | 169.1       | 86.65 | 185.3       | 99.19 | 200.9       | 104.4 |
|        | 48                              | 94.30                        | 44.11 | 115.5       | 55.33 | 137.1       | 68.26 | 147.2       | 74.42 | 157.9       | 81.60 | 172.2       | 92.77 | 183.6       | 95.58 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 87.30                        | 41.31 | 106.9       | 51.85 | 127.3       | 64.09 | 136.6       | 69.33 | 144.2       | 74.80 | 152.9       | 82.86 | 162.3       | 84.22 |
|        | 52                              | 80.30                        | 38.51 | 98.50       | 48.36 | 116.8       | 57.50 | 120.9       | 60.31 | 125.0       | 64.07 | 132.7       | 70.97 | 140.8       | 70.93 |
| 60     | 10                              | 88.50                        | 13.90 | 108.1       | 16.92 | 128.4       | 20.07 | 137.7       | 21.60 | 147.7       | 23.18 | 162.0       | 25.84 | 175.7       | 28.40 |
|        | 12                              | 88.50                        | 14.99 | 108.1       | 17.66 | 128.4       | 20.76 | 137.7       | 22.37 | 147.7       | 24.00 | 162.0       | 26.68 | 175.7       | 29.39 |
|        | 14                              | 88.50                        | 15.14 | 108.1       | 17.93 | 128.4       | 21.19 | 137.7       | 22.78 | 147.7       | 24.45 | 162.0       | 27.30 | 175.7       | 30.17 |
|        | 16                              | 88.50                        | 15.39 | 108.1       | 18.28 | 128.4       | 21.46 | 137.7       | 23.18 | 147.7       | 25.00 | 162.0       | 27.91 | 175.7       | 30.84 |
|        | 18                              | 88.50                        | 15.64 | 108.1       | 18.61 | 128.4       | 21.92 | 137.7       | 23.77 | 147.7       | 25.79 | 162.0       | 28.93 | 175.7       | 32.10 |
|        | 20                              | 88.50                        | 15.87 | 108.1       | 18.98 | 128.4       | 22.80 | 137.7       | 24.73 | 147.7       | 26.88 | 162.0       | 30.19 | 175.7       | 33.61 |
|        | 21                              | 88.50                        | 16.02 | 108.1       | 19.31 | 128.4       | 23.37 | 137.7       | 25.33 | 147.7       | 27.51 | 162.0       | 30.95 | 175.7       | 34.32 |
|        | 23                              | 88.50                        | 16.59 | 108.1       | 20.20 | 128.4       | 24.38 | 137.7       | 26.57 | 147.7       | 28.90 | 162.0       | 32.84 | 175.7       | 36.90 |
|        | 25                              | 88.50                        | 17.27 | 108.1       | 21.18 | 128.4       | 25.96 | 137.7       | 28.47 | 147.7       | 31.24 | 162.0       | 35.61 | 175.7       | 40.00 |
|        | 27                              | 88.50                        | 18.26 | 108.1       | 22.80 | 128.4       | 28.15 | 137.7       | 30.86 | 147.7       | 33.84 | 162.0       | 38.56 | 175.7       | 43.31 |
|        | 29                              | 88.50                        | 19.80 | 108.1       | 24.82 | 128.4       | 30.63 | 137.7       | 33.60 | 147.7       | 36.71 | 162.0       | 41.51 | 175.7       | 46.48 |
|        | 31                              | 88.50                        | 21.55 | 108.1       | 27.04 | 128.4       | 33.07 | 137.7       | 35.97 | 147.7       | 39.09 | 162.0       | 44.23 | 175.7       | 49.46 |
|        | 33                              | 88.50                        | 23.47 | 108.1       | 29.08 | 128.4       | 35.12 | 137.7       | 38.20 | 147.7       | 41.60 | 162.0       | 47.02 | 175.7       | 52.70 |
|        | 35                              | 88.50                        | 25.17 | 108.1       | 30.92 | 128.4       | 37.34 | 137.7       | 40.59 | 147.7       | 44.18 | 162.0       | 50.06 | 175.7       | 56.02 |
|        | 37                              | 88.50                        | 26.62 | 108.1       | 32.68 | 128.4       | 39.61 | 137.7       | 43.14 | 147.7       | 46.92 | 162.0       | 53.18 | 175.7       | 59.59 |
|        | 39                              | 88.50                        | 28.36 | 108.1       | 34.80 | 128.4       | 42.53 | 137.7       | 46.14 | 147.7       | 50.28 | 162.0       | 56.87 | 175.7       | 63.71 |
|        | 41                              | 88.50                        | 31.24 | 108.1       | 38.56 | 128.4       | 46.90 | 137.7       | 51.10 | 147.7       | 55.44 | 162.0       | 63.22 | 175.7       | 70.46 |
|        | 43                              | 88.50                        | 34.47 | 108.1       | 42.61 | 128.4       | 51.87 | 137.7       | 56.50 | 147.7       | 61.31 | 162.0       | 70.08 | 175.7       | 78.20 |
|        | 46                              | 86.90                        | 39.61 | 106.1       | 49.04 | 126.0       | 59.75 | 135.1       | 65.05 | 144.9       | 70.65 | 159.0       | 80.94 | 172.3       | 91.17 |
|        | 48                              | 80.70                        | 37.31 | 98.70       | 46.21 | 117.6       | 56.37 | 126.1       | 61.34 | 135.3       | 66.68 | 148.2       | 76.14 | 160.3       | 85.26 |
|        | 50                              | 74.70                        | 34.98 | 91.50       | 43.38 | 109.2       | 52.96 | 117.1       | 57.62 | 125.7       | 62.71 | 137.4       | 70.97 | 148.0       | 78.75 |
|        | 52                              | 68.70                        | 32.68 | 84.30       | 40.54 | 100.6       | 49.54 | 108.1       | 53.14 | 115.5       | 56.32 | 122.4       | 62.03 | 129.3       | 67.81 |
| 50     | 10                              | 74.00                        | 11.89 | 90.30       | 14.15 | 107.0       | 16.68 | 114.8       | 17.98 | 123.0       | 19.17 | 134.9       | 21.29 | 146.5       | 23.35 |
|        | 12                              | 74.00                        | 12.86 | 90.30       | 15.08 | 107.0       | 17.39 | 114.8       | 18.68 | 123.0       | 19.97 | 134.9       | 22.11 | 146.5       | 24.22 |
|        | 14                              | 74.00                        | 13.11 | 90.30       | 15.33 | 107.0       | 17.68 | 114.8       | 18.94 | 123.0       | 20.23 | 134.9       | 22.41 | 146.5       | 24.63 |
|        | 16                              | 74.00                        | 13.36 | 90.30       | 15.58 | 107.0       | 17.97 | 114.8       | 19.30 | 123.0       | 20.57 | 134.9       | 22.85 | 146.5       | 25.03 |
|        | 18                              | 74.00                        | 13.48 | 90.30       | 15.74 | 107.0       | 18.22 | 114.8       | 19.61 | 123.0       | 20.96 | 134.9       | 23.33 | 146.5       | 25.75 |
|        | 20                              | 74.00                        | 13.63 | 90.30       | 16.01 | 107.0       | 18.75 | 114.8       | 20.17 | 123.0       | 21.77 | 134.9       | 24.26 | 146.5       | 26.86 |
|        | 21                              | 74.00                        | 13.73 | 90.30       | 16.18 | 107.0       | 19.14 | 114.8       | 20.67 | 123.0       | 22.23 | 134.9       | 24.82 | 146.5       | 27.41 |
|        | 23                              | 74.00                        | 14.10 | 90.30       | 16.78 | 107.0       | 19.87 | 114.8       | 21.51 | 123.0       | 23.28 | 134.9       | 25.97 | 146.5       | 28.72 |
|        | 25                              | 74.00                        | 14.56 | 90.30       | 17.51 | 107.0       | 20.93 | 114.8       | 22.64 | 123.0       | 24.65 | 134.9       | 27.80 | 146.5       | 31.11 |
|        | 27                              | 74.00                        | 15.23 | 90.30       | 18.54 | 107.0       | 22.58 | 114.8       | 24.54 | 123.0       | 26.70 | 134.9       | 30.26 | 146.5       | 33.74 |
|        | 29                              | 74.00                        | 16.41 | 90.30       | 20.21 | 107.0       | 24.48 | 114.8       | 26.70 | 123.0       | 29.08 | 134.9       | 32.83 | 146.5       | 36.60 |
|        | 31                              | 74.00                        | 17.76 | 90.30       | 21.92 | 107.0       | 26.73 | 114.8       | 29.03 | 123.0       | 31.56 | 134.9       | 35.34 | 146.5       | 39.16 |
|        | 33                              | 74.00                        | 19.40 | 90.30       | 23.97 | 107.0       | 28.67 | 114.8       | 30.96 | 123.0       | 33.50 | 134.9       | 37.53 | 146.5       | 41.69 |
|        | 35                              | 74.00                        | 21.12 | 90.30       | 25.52 | 107.0       | 30.41 | 114.8       | 32.87 | 123.0       | 35.49 | 134.9       | 39.78 | 146.5       | 44.28 |
|        | 37                              | 74.00                        | 22.48 | 90.30       | 27.08 | 107.0       | 32.21 | 114.8       | 34.84 | 123.0       | 37.63 | 134.9       | 42.37 | 146.5       | 47.04 |
|        | 39                              | 74.00                        | 23.93 | 90.30       | 28.92 | 107.0       | 34.42 | 114.8       | 37.33 | 123.0       | 40.26 | 134.9       | 45.13 | 146.5       | 50.55 |
|        | 41                              | 74.00                        | 26.28 | 90.30       | 31.80 | 107.0       | 38.10 | 114.8       | 41.08 | 123.0       | 44.30 | 134.9       | 50.11 | 146.5       | 55.86 |
|        | 43                              | 74.00                        | 28.98 | 90.30       | 35.09 | 107.0       | 42.07 | 114.8       | 45.39 | 123.0       | 48.95 | 134.9       | 55.46 | 146.5       | 61.90 |
|        | 46                              | 72.60                        | 33.30 | 88.70       | 40.35 | 105.0       | 48.36 | 112.6       | 52.21 | 120.6       | 56.27 | 132.3       | 63.96 | 143.7       | 71.52 |
|        | 48                              | 67.40                        | 31.42 | 82.50       | 38.08 | 98.00       | 45.64 | 105.2       | 49.30 | 112.6       | 53.14 | 123.3       | 60.21 | 133.7       | 67.10 |
|        | 50                              | 62.40                        | 29.57 | 76.50       | 35.82 | 91.00       | 42.93 | 97.60       | 46.36 | 104.6       | 49.99 | 114.3       | 56.44 | 123.7       | 62.65 |
|        | 52                              | 57.40                        | 27.73 | 70.50       | 33.55 | 84.00       | 40.20 | 90.20       | 43.43 | 96.60       | 46.86 | 105.5       | 52.02 | 113.9       | 57.41 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM840LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 211.9                        | 30.79 | 258.0       | 39.49 | 291.7       | 49.69 | 305.8       | 53.43 | 320.7       | 57.05 | 335.7       | 59.14 | 345.4       | 60.67 |
|        | 12                         | 211.9                        | 32.13 | 258.0       | 41.68 | 291.7       | 52.51 | 305.8       | 55.89 | 320.6       | 59.64 | 335.6       | 61.73 | 345.3       | 63.50 |
|        | 14                         | 211.9                        | 33.39 | 258.0       | 44.02 | 291.7       | 55.41 | 305.8       | 58.88 | 320.5       | 62.62 | 335.4       | 64.77 | 345.1       | 66.71 |
|        | 16                         | 211.9                        | 35.08 | 258.0       | 46.38 | 291.7       | 58.73 | 305.8       | 62.16 | 320.2       | 65.82 | 335.2       | 68.18 | 344.8       | 70.20 |
|        | 18                         | 211.9                        | 37.11 | 258.0       | 49.56 | 291.7       | 62.10 | 305.8       | 66.19 | 319.9       | 69.76 | 334.9       | 72.12 | 344.5       | 73.94 |
|        | 20                         | 211.9                        | 39.44 | 258.0       | 53.34 | 291.7       | 66.01 | 305.8       | 71.97 | 319.5       | 75.21 | 334.5       | 78.40 | 344.1       | 79.94 |
|        | 21                         | 211.9                        | 40.80 | 258.0       | 55.41 | 291.7       | 67.76 | 305.8       | 75.32 | 319.3       | 78.52 | 334.2       | 81.96 | 343.9       | 83.51 |
|        | 23                         | 211.9                        | 44.18 | 258.0       | 59.26 | 291.7       | 71.78 | 305.8       | 81.58 | 318.8       | 85.46 | 333.8       | 88.72 | 343.4       | 90.29 |
|        | 25                         | 211.9                        | 47.92 | 258.0       | 63.08 | 291.7       | 76.21 | 305.8       | 89.20 | 318.3       | 93.04 | 333.2       | 96.43 | 342.8       | 98.04 |
|        | 27                         | 211.9                        | 51.67 | 258.0       | 67.39 | 291.7       | 81.50 | 305.8       | 97.68 | 317.7       | 101.0 | 332.6       | 104.6 | 342.2       | 106.5 |
|        | 29                         | 211.9                        | 55.09 | 258.0       | 71.99 | 291.7       | 88.08 | 305.2       | 106.3 | 317.0       | 109.8 | 332.0       | 113.7 | 341.6       | 115.3 |
|        | 31                         | 211.9                        | 58.75 | 258.0       | 76.13 | 291.7       | 94.37 | 304.5       | 108.8 | 316.3       | 112.5 | 329.8       | 116.0 | 340.0       | 117.9 |
|        | 33                         | 211.9                        | 62.70 | 258.0       | 81.54 | 291.7       | 101.4 | 303.8       | 111.1 | 315.4       | 114.9 | 325.8       | 117.4 | 331.5       | 117.8 |
|        | 35                         | 211.9                        | 66.96 | 258.0       | 86.71 | 291.7       | 110.0 | 302.2       | 113.2 | 310.9       | 115.8 | 316.8       | 116.6 | 322.9       | 117.1 |
|        | 37                         | 211.9                        | 71.37 | 258.0       | 92.19 | 289.9       | 111.8 | 297.7       | 114.0 | 301.8       | 114.6 | 307.6       | 115.5 | 313.9       | 115.9 |
|        | 39                         | 211.9                        | 76.01 | 258.0       | 98.48 | 285.3       | 111.5 | 289.3       | 112.1 | 292.9       | 112.7 | 299.1       | 113.5 | 305.4       | 114.0 |
|        | 41                         | 211.9                        | 82.68 | 253.4       | 104.9 | 270.7       | 109.8 | 273.0       | 110.1 | 275.9       | 110.5 | 280.8       | 111.1 | 285.5       | 111.4 |
|        | 43                         | 211.9                        | 89.24 | 247.0       | 105.2 | 255.3       | 106.8 | 257.6       | 107.1 | 260.6       | 107.5 | 265.5       | 108.1 | 269.9       | 108.4 |
|        | 46                         | 207.5                        | 98.02 | 224.8       | 102.5 | 229.4       | 102.8 | 231.6       | 103.1 | 234.6       | 103.5 | 239.1       | 104.1 | 243.2       | 104.4 |
|        | 48                         | 192.7                        | 98.45 | 198.9       | 100.1 | 203.2       | 100.2 | 205.2       | 100.4 | 208.6       | 101.3 | 211.8       | 101.4 | 215.3       | 101.6 |
|        | 50                         | 173.9                        | 96.69 | 173.8       | 97.16 | 177.4       | 97.07 | 179.3       | 97.13 | 181.5       | 97.82 | 185.0       | 98.04 | 187.9       | 98.28 |
|        | 52                         | 150.7                        | 91.65 | 148.4       | 92.05 | 152.1       | 90.94 | 153.5       | 90.62 | 155.5       | 91.32 | 158.5       | 91.21 | 161.1       | 91.36 |
| 120    | 10                         | 193.1                        | 27.75 | 235.0       | 35.24 | 268.9       | 44.66 | 282.1       | 49.45 | 296.7       | 53.14 | 313.9       | 56.06 | 323.3       | 57.86 |
|        | 12                         | 193.1                        | 28.99 | 235.0       | 37.11 | 268.9       | 47.25 | 282.1       | 51.63 | 296.7       | 55.91 | 313.9       | 59.23 | 323.2       | 60.99 |
|        | 14                         | 193.1                        | 30.05 | 235.0       | 39.13 | 268.9       | 50.00 | 282.1       | 54.50 | 296.7       | 58.86 | 313.9       | 62.33 | 323.0       | 64.06 |
|        | 16                         | 193.1                        | 31.32 | 235.0       | 41.29 | 268.9       | 52.88 | 282.1       | 57.53 | 296.7       | 62.10 | 313.9       | 65.43 | 322.8       | 67.26 |
|        | 18                         | 193.1                        | 33.11 | 235.0       | 43.84 | 268.9       | 56.00 | 282.1       | 61.11 | 296.7       | 65.78 | 313.6       | 69.07 | 322.5       | 70.86 |
|        | 20                         | 193.1                        | 35.00 | 235.0       | 47.02 | 268.9       | 59.60 | 282.1       | 65.09 | 296.7       | 69.78 | 313.2       | 72.88 | 322.1       | 74.62 |
|        | 21                         | 193.1                        | 36.27 | 235.0       | 48.92 | 268.9       | 61.65 | 282.1       | 67.15 | 296.7       | 71.98 | 313.0       | 75.07 | 321.9       | 77.08 |
|        | 23                         | 193.1                        | 39.28 | 235.0       | 52.95 | 268.9       | 66.27 | 282.1       | 71.59 | 296.7       | 76.49 | 312.5       | 79.24 | 321.4       | 81.01 |
|        | 25                         | 193.1                        | 42.59 | 235.0       | 57.14 | 268.9       | 70.03 | 282.1       | 75.90 | 296.7       | 81.32 | 312.0       | 84.48 | 320.9       | 86.10 |
|        | 27                         | 193.1                        | 46.18 | 235.0       | 61.04 | 268.9       | 74.50 | 282.1       | 80.72 | 296.7       | 86.84 | 311.4       | 90.28 | 320.3       | 91.96 |
|        | 29                         | 193.1                        | 49.37 | 235.0       | 65.12 | 268.9       | 78.50 | 282.1       | 86.08 | 296.2       | 92.64 | 310.8       | 96.74 | 319.7       | 98.35 |
|        | 31                         | 193.1                        | 52.62 | 235.0       | 69.58 | 268.9       | 82.74 | 282.1       | 92.41 | 295.5       | 99.15 | 310.1       | 103.7 | 319.0       | 105.6 |
|        | 33                         | 193.1                        | 56.03 | 235.0       | 74.31 | 268.9       | 88.25 | 282.1       | 100.3 | 294.8       | 106.6 | 309.4       | 111.1 | 318.3       | 113.1 |
|        | 35                         | 193.1                        | 59.83 | 235.0       | 79.06 | 268.9       | 94.46 | 282.1       | 109.9 | 294.0       | 113.6 | 308.4       | 117.7 | 314.1       | 118.5 |
|        | 37                         | 193.1                        | 64.13 | 235.0       | 83.59 | 268.9       | 101.4 | 281.8       | 111.7 | 292.7       | 115.1 | 299.5       | 116.0 | 304.8       | 116.8 |
|        | 39                         | 193.1                        | 68.76 | 235.0       | 88.69 | 268.9       | 108.1 | 280.7       | 112.3 | 285.0       | 113.2 | 291.2       | 113.6 | 296.6       | 114.3 |
|        | 41                         | 193.1                        | 75.25 | 235.0       | 97.05 | 264.9       | 109.8 | 267.0       | 110.4 | 269.1       | 110.7 | 273.6       | 110.9 | 278.2       | 111.4 |
|        | 43                         | 193.1                        | 82.19 | 234.0       | 99.73 | 249.7       | 106.2 | 251.9       | 106.9 | 254.0       | 107.2 | 258.4       | 107.4 | 262.9       | 107.9 |
|        | 46                         | 189.3                        | 91.10 | 219.8       | 99.89 | 224.4       | 101.5 | 226.2       | 102.0 | 228.4       | 102.4 | 232.6       | 102.6 | 236.8       | 103.1 |
|        | 48                         | 175.9                        | 91.85 | 194.7       | 97.82 | 198.9       | 99.38 | 200.5       | 99.76 | 202.4       | 99.94 | 206.0       | 100.2 | 209.8       | 100.4 |
|        | 50                         | 162.3                        | 92.35 | 170.0       | 95.27 | 173.7       | 96.69 | 175.1       | 96.92 | 176.6       | 97.01 | 178.9       | 96.82 | 183.2       | 97.26 |
|        | 52                         | 142.7                        | 88.75 | 145.2       | 90.88 | 148.9       | 91.32 | 150.1       | 91.27 | 151.5       | 91.05 | 154.3       | 91.29 | 157.1       | 90.93 |
| 110    | 10                         | 174.6                        | 25.08 | 212.7       | 31.29 | 246.7       | 39.21 | 258.7       | 43.35 | 276.9       | 47.94 | 288.1       | 51.17 | 304.8       | 53.81 |
|        | 12                         | 174.6                        | 26.17 | 212.7       | 32.93 | 246.7       | 41.57 | 258.7       | 45.54 | 276.9       | 50.59 | 288.1       | 54.07 | 304.8       | 56.94 |
|        | 14                         | 174.6                        | 26.95 | 212.7       | 34.71 | 246.7       | 44.19 | 258.7       | 48.47 | 276.9       | 53.80 | 288.1       | 57.28 | 304.8       | 60.15 |
|        | 16                         | 174.6                        | 27.93 | 212.7       | 36.56 | 246.7       | 46.81 | 258.7       | 51.45 | 276.9       | 57.10 | 288.1       | 60.50 | 304.8       | 63.24 |
|        | 18                         | 174.6                        | 29.36 | 212.7       | 38.68 | 246.7       | 50.14 | 258.7       | 54.91 | 276.9       | 60.71 | 288.1       | 64.07 | 304.8       | 66.83 |
|        | 20                         | 174.6                        | 31.02 | 212.7       | 41.28 | 246.7       | 53.79 | 258.7       | 58.23 | 276.9       | 64.53 | 288.1       | 68.14 | 304.8       | 70.67 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 174.6                        | 32.00 | 212.7       | 42.78 | 246.7       | 55.50 | 258.7       | 60.18 | 276.9       | 66.64 | 288.1       | 70.15 | 304.8       | 72.80 |
|        | 23                               | 174.6                        | 34.56 | 212.7       | 46.41 | 246.7       | 59.48 | 258.7       | 64.10 | 276.9       | 70.75 | 288.1       | 74.05 | 304.8       | 76.59 |
|        | 25                               | 174.6                        | 37.54 | 212.7       | 50.14 | 246.7       | 63.01 | 258.7       | 67.98 | 276.9       | 74.66 | 288.1       | 77.78 | 304.7       | 81.09 |
|        | 27                               | 174.6                        | 40.76 | 212.7       | 53.85 | 246.7       | 66.96 | 258.7       | 71.88 | 276.9       | 78.34 | 288.1       | 81.95 | 304.1       | 85.85 |
|        | 29                               | 174.6                        | 43.98 | 212.7       | 57.42 | 246.7       | 70.78 | 258.7       | 76.20 | 276.9       | 82.96 | 288.1       | 86.40 | 303.5       | 90.51 |
|        | 31                               | 174.6                        | 46.75 | 212.7       | 61.29 | 246.7       | 74.83 | 258.7       | 80.67 | 276.9       | 88.21 | 288.0       | 91.52 | 302.9       | 95.72 |
|        | 33                               | 174.6                        | 49.90 | 212.7       | 65.32 | 246.7       | 79.13 | 258.7       | 85.43 | 276.9       | 94.02 | 287.3       | 97.12 | 302.2       | 101.1 |
|        | 35                               | 174.6                        | 53.08 | 212.7       | 69.80 | 246.7       | 83.69 | 258.7       | 90.57 | 276.9       | 100.3 | 286.5       | 102.9 | 301.2       | 107.0 |
|        | 37                               | 174.6                        | 56.52 | 212.7       | 74.17 | 246.7       | 88.54 | 258.7       | 96.85 | 276.9       | 107.0 | 285.8       | 109.0 | 295.6       | 111.1 |
|        | 39                               | 174.6                        | 60.68 | 212.7       | 78.91 | 246.7       | 94.74 | 258.7       | 103.9 | 276.1       | 112.1 | 281.0       | 112.4 | 287.5       | 113.1 |
|        | 41                               | 174.6                        | 66.43 | 212.7       | 85.71 | 246.7       | 102.6 | 258.7       | 114.0 | 262.5       | 114.8 | 266.7       | 115.3 | 270.7       | 115.9 |
|        | 43                               | 174.6                        | 71.73 | 212.7       | 91.31 | 243.3       | 109.0 | 245.7       | 109.8 | 247.5       | 109.7 | 251.8       | 110.0 | 255.6       | 110.2 |
|        | 46                               | 171.0                        | 74.91 | 208.7       | 93.30 | 218.4       | 103.0 | 220.6       | 102.9 | 222.2       | 103.5 | 226.4       | 103.9 | 229.7       | 104.0 |
|        | 48                               | 159.0                        | 75.48 | 190.3       | 92.60 | 193.5       | 98.80 | 195.7       | 99.24 | 197.1       | 99.53 | 200.6       | 99.70 | 203.8       | 99.95 |
|        | 50                               | 147.0                        | 75.70 | 166.6       | 88.97 | 169.1       | 94.12 | 170.9       | 94.98 | 172.2       | 94.99 | 175.2       | 94.98 | 178.0       | 95.33 |
|        | 52                               | 134.3                        | 74.31 | 142.5       | 83.62 | 144.9       | 87.13 | 146.6       | 88.27 | 147.7       | 87.90 | 149.6       | 87.31 | 152.7       | 87.74 |
| 100    | 10                               | 151.3                        | 22.72 | 184.5       | 27.94 | 219.4       | 34.43 | 235.2       | 37.89 | 251.9       | 41.79 | 274.3       | 46.66 | 283.2       | 48.47 |
|        | 12                               | 151.3                        | 23.55 | 184.5       | 29.51 | 219.4       | 36.30 | 235.2       | 39.80 | 251.9       | 44.01 | 274.3       | 49.74 | 283.2       | 51.69 |
|        | 14                               | 151.3                        | 24.25 | 184.5       | 30.77 | 219.4       | 38.52 | 235.2       | 42.28 | 251.9       | 46.68 | 274.3       | 53.10 | 283.2       | 55.10 |
|        | 16                               | 151.3                        | 24.88 | 184.5       | 32.20 | 219.4       | 40.75 | 235.2       | 45.04 | 251.9       | 49.86 | 274.3       | 56.44 | 283.2       | 58.70 |
|        | 18                               | 151.3                        | 25.92 | 184.5       | 34.01 | 219.4       | 43.14 | 235.2       | 47.81 | 251.9       | 53.47 | 274.3       | 60.15 | 283.2       | 62.22 |
|        | 20                               | 151.3                        | 27.35 | 184.5       | 35.98 | 219.4       | 46.24 | 235.2       | 51.63 | 251.9       | 57.46 | 274.3       | 63.84 | 283.2       | 66.07 |
|        | 21                               | 151.3                        | 28.18 | 184.5       | 37.12 | 219.4       | 48.07 | 235.2       | 53.71 | 251.9       | 59.76 | 274.3       | 65.80 | 283.2       | 67.99 |
|        | 23                               | 151.3                        | 30.35 | 184.5       | 40.22 | 219.4       | 52.18 | 235.2       | 58.03 | 251.9       | 64.31 | 274.3       | 69.60 | 283.2       | 71.78 |
|        | 25                               | 151.3                        | 32.76 | 184.5       | 43.58 | 219.4       | 56.11 | 235.2       | 62.23 | 251.9       | 68.70 | 274.3       | 73.01 | 283.2       | 75.48 |
|        | 27                               | 151.3                        | 35.63 | 184.5       | 47.09 | 219.4       | 59.94 | 235.2       | 66.58 | 251.9       | 73.04 | 274.3       | 77.84 | 283.2       | 79.88 |
|        | 29                               | 151.3                        | 38.64 | 184.5       | 50.27 | 219.4       | 63.97 | 235.2       | 70.87 | 251.9       | 77.23 | 274.3       | 82.35 | 283.2       | 84.58 |
|        | 31                               | 151.3                        | 41.35 | 184.5       | 53.60 | 219.4       | 68.42 | 235.2       | 75.36 | 251.9       | 81.35 | 274.3       | 86.90 | 283.2       | 89.25 |
|        | 33                               | 151.3                        | 43.96 | 184.5       | 57.14 | 219.4       | 72.80 | 235.2       | 80.18 | 251.9       | 85.08 | 274.3       | 91.75 | 283.2       | 94.20 |
|        | 35                               | 151.3                        | 46.81 | 184.5       | 61.00 | 219.4       | 77.38 | 235.2       | 85.29 | 251.9       | 89.81 | 273.5       | 96.77 | 283.0       | 99.27 |
|        | 37                               | 151.3                        | 50.07 | 184.5       | 65.24 | 219.4       | 82.01 | 235.2       | 89.82 | 251.9       | 95.49 | 270.7       | 102.0 | 279.4       | 104.4 |
|        | 39                               | 151.3                        | 53.72 | 184.5       | 69.85 | 219.4       | 86.97 | 235.2       | 94.70 | 251.9       | 101.4 | 268.1       | 106.2 | 275.6       | 108.1 |
|        | 41                               | 151.3                        | 58.25 | 184.5       | 75.84 | 219.4       | 93.58 | 235.2       | 102.3 | 251.9       | 108.2 | 258.0       | 109.5 | 262.9       | 110.2 |
|        | 43                               | 151.3                        | 63.62 | 184.5       | 82.75 | 219.4       | 99.70 | 235.2       | 108.8 | 238.6       | 109.8 | 242.9       | 110.0 | 246.5       | 110.6 |
|        | 46                               | 148.3                        | 71.01 | 181.1       | 91.37 | 211.8       | 106.8 | 212.9       | 110.3 | 214.1       | 110.5 | 218.1       | 110.7 | 221.4       | 111.4 |
|        | 48                               | 138.1                        | 66.36 | 168.9       | 85.37 | 187.4       | 95.69 | 188.7       | 98.23 | 189.9       | 98.41 | 193.3       | 98.55 | 196.5       | 99.05 |
|        | 50                               | 128.1                        | 61.46 | 155.0       | 77.98 | 163.0       | 83.83 | 165.2       | 85.42 | 165.9       | 85.59 | 169.1       | 85.64 | 171.7       | 85.95 |
|        | 52                               | 117.9                        | 55.10 | 134.9       | 66.24 | 137.9       | 69.72 | 141.5       | 70.34 | 142.3       | 70.25 | 145.1       | 70.00 | 147.3       | 69.89 |
| 90     | 10                               | 136.1                        | 20.95 | 166.2       | 25.50 | 197.4       | 30.80 | 211.7       | 33.61 | 226.5       | 36.87 | 248.6       | 41.28 | 269.5       | 45.18 |
|        | 12                               | 136.1                        | 21.35 | 166.2       | 26.40 | 197.4       | 32.09 | 211.7       | 35.11 | 226.5       | 38.59 | 248.6       | 43.15 | 269.5       | 47.54 |
|        | 14                               | 136.1                        | 21.73 | 166.2       | 26.96 | 197.4       | 33.31 | 211.7       | 36.70 | 226.5       | 40.35 | 248.6       | 45.12 | 269.5       | 49.66 |
|        | 16                               | 136.1                        | 22.15 | 166.2       | 27.67 | 197.4       | 34.75 | 211.7       | 38.33 | 226.5       | 42.24 | 248.6       | 47.13 | 269.5       | 51.84 |
|        | 18                               | 136.1                        | 22.60 | 166.2       | 28.93 | 197.4       | 36.23 | 211.7       | 40.03 | 226.5       | 44.04 | 248.6       | 49.42 | 269.5       | 55.10 |
|        | 20                               | 136.1                        | 23.62 | 166.2       | 30.23 | 197.4       | 38.05 | 211.7       | 41.98 | 226.5       | 46.71 | 248.6       | 53.29 | 269.5       | 58.62 |
|        | 21                               | 136.1                        | 24.16 | 166.2       | 30.96 | 197.4       | 39.18 | 211.7       | 43.61 | 226.5       | 48.72 | 248.6       | 54.78 | 269.5       | 60.38 |
|        | 23                               | 136.1                        | 25.36 | 166.2       | 32.98 | 197.4       | 42.49 | 211.7       | 47.43 | 226.5       | 52.68 | 248.6       | 58.77 | 269.5       | 64.66 |
|        | 25                               | 136.1                        | 27.24 | 166.2       | 35.75 | 197.4       | 46.08 | 211.7       | 51.13 | 226.5       | 56.50 | 248.6       | 62.87 | 269.5       | 68.63 |
|        | 27                               | 136.1                        | 29.54 | 166.2       | 38.93 | 197.4       | 49.38 | 211.7       | 54.55 | 226.5       | 60.41 | 248.6       | 66.84 | 269.5       | 72.90 |
|        | 29                               | 136.1                        | 32.06 | 166.2       | 41.74 | 197.4       | 52.77 | 211.7       | 58.31 | 226.5       | 64.60 | 248.6       | 70.73 | 269.5       | 76.99 |
|        | 31                               | 136.1                        | 34.64 | 166.2       | 44.51 | 197.4       | 56.24 | 211.7       | 62.31 | 226.5       | 68.68 | 248.6       | 74.50 | 269.5       | 81.28 |
|        | 33                               | 136.1                        | 36.94 | 166.2       | 47.48 | 197.4       | 60.12 | 211.7       | 66.35 | 226.5       | 72.80 | 248.6       | 78.42 | 268.5       | 85.50 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 136.1                        | 39.24 | 166.2       | 50.45 | 197.4       | 63.94 | 211.7       | 70.67 | 226.5       | 77.17 | 248.6       | 83.84 | 266.1       | 90.46 |
|        | 37                              | 136.1                        | 41.73 | 166.2       | 53.88 | 197.4       | 68.15 | 211.7       | 75.02 | 226.5       | 81.64 | 248.6       | 89.04 | 263.5       | 95.15 |
|        | 39                              | 136.1                        | 44.35 | 166.2       | 57.33 | 197.4       | 72.32 | 211.7       | 79.76 | 226.5       | 86.20 | 248.6       | 95.15 | 261.1       | 99.75 |
|        | 41                              | 136.1                        | 49.84 | 166.2       | 63.96 | 197.4       | 80.19 | 211.7       | 88.11 | 226.5       | 94.15 | 247.4       | 102.2 | 254.7       | 105.5 |
|        | 43                              | 136.1                        | 54.87 | 166.2       | 70.31 | 197.4       | 87.87 | 211.7       | 95.10 | 226.5       | 100.9 | 239.9       | 107.3 | 242.5       | 108.1 |
|        | 46                              | 133.5                        | 63.19 | 163.2       | 81.00 | 193.8       | 99.82 | 207.2       | 107.5 | 211.0       | 109.5 | 215.2       | 110.9 | 217.7       | 111.5 |
|        | 48                              | 124.3                        | 59.57 | 152.2       | 76.33 | 179.3       | 93.11 | 185.7       | 97.54 | 186.9       | 98.49 | 190.9       | 98.66 | 193.1       | 99.18 |
|        | 50                              | 115.3                        | 55.67 | 141.4       | 71.11 | 159.0       | 83.27 | 164.6       | 86.92 | 163.6       | 86.80 | 167.0       | 85.77 | 168.8       | 86.17 |
|        | 52                              | 106.1                        | 51.15 | 127.9       | 63.33 | 138.3       | 71.70 | 143.5       | 74.26 | 140.0       | 72.84 | 143.1       | 70.31 | 144.9       | 70.44 |
| 80     | 10                              | 120.8                        | 19.20 | 147.6       | 23.52 | 175.3       | 27.93 | 188.2       | 30.28 | 201.9       | 32.88 | 221.2       | 37.14 | 239.6       | 40.27 |
|        | 12                              | 120.8                        | 19.76 | 147.6       | 24.09 | 175.3       | 29.04 | 188.2       | 31.52 | 201.9       | 34.24 | 221.2       | 38.69 | 239.6       | 41.99 |
|        | 14                              | 120.8                        | 20.05 | 147.6       | 24.59 | 175.3       | 29.71 | 188.2       | 32.50 | 201.9       | 35.54 | 221.2       | 40.37 | 239.6       | 43.83 |
|        | 16                              | 120.8                        | 20.32 | 147.6       | 25.00 | 175.3       | 30.79 | 188.2       | 33.79 | 201.9       | 37.12 | 221.2       | 42.10 | 239.6       | 45.80 |
|        | 18                              | 120.8                        | 20.76 | 147.6       | 25.88 | 175.3       | 32.14 | 188.2       | 35.26 | 201.9       | 38.74 | 221.2       | 43.87 | 239.6       | 47.74 |
|        | 20                              | 120.8                        | 21.49 | 147.6       | 27.02 | 175.3       | 33.70 | 188.2       | 36.96 | 201.9       | 40.66 | 221.2       | 46.43 | 239.6       | 51.21 |
|        | 21                              | 120.8                        | 21.88 | 147.6       | 27.66 | 175.3       | 34.47 | 188.2       | 37.92 | 201.9       | 41.93 | 221.2       | 48.26 | 239.6       | 52.92 |
|        | 23                              | 120.8                        | 22.88 | 147.6       | 28.98 | 175.3       | 36.81 | 188.2       | 40.91 | 201.9       | 45.43 | 221.2       | 51.82 | 239.6       | 56.64 |
|        | 25                              | 120.8                        | 24.30 | 147.6       | 31.42 | 175.3       | 40.06 | 188.2       | 44.40 | 201.9       | 49.24 | 221.2       | 55.80 | 239.6       | 60.71 |
|        | 27                              | 120.8                        | 26.29 | 147.6       | 34.09 | 175.3       | 43.46 | 188.2       | 47.83 | 201.9       | 52.58 | 221.2       | 59.38 | 239.6       | 64.20 |
|        | 29                              | 120.8                        | 28.60 | 147.6       | 37.03 | 175.3       | 46.25 | 188.2       | 50.93 | 201.9       | 56.13 | 221.2       | 63.55 | 239.6       | 67.86 |
|        | 31                              | 120.8                        | 31.06 | 147.6       | 39.50 | 175.3       | 49.37 | 188.2       | 54.33 | 201.9       | 59.86 | 221.2       | 67.76 | 239.6       | 71.62 |
|        | 33                              | 120.8                        | 33.18 | 147.6       | 42.18 | 175.3       | 52.64 | 188.2       | 57.96 | 201.9       | 63.90 | 221.2       | 71.61 | 239.6       | 75.38 |
|        | 35                              | 120.8                        | 35.25 | 147.6       | 44.82 | 175.3       | 56.19 | 188.2       | 61.81 | 201.9       | 68.13 | 221.2       | 75.91 | 239.6       | 80.28 |
|        | 37                              | 120.8                        | 37.43 | 147.6       | 47.71 | 175.3       | 59.70 | 188.2       | 65.77 | 201.9       | 72.45 | 221.2       | 80.28 | 239.6       | 85.28 |
|        | 39                              | 120.8                        | 39.68 | 147.6       | 50.75 | 175.3       | 63.73 | 188.2       | 70.44 | 201.9       | 77.56 | 221.2       | 84.99 | 239.6       | 91.11 |
|        | 41                              | 120.8                        | 44.33 | 147.6       | 56.65 | 175.3       | 70.70 | 188.2       | 78.10 | 201.9       | 85.98 | 221.2       | 93.06 | 239.2       | 99.71 |
|        | 43                              | 120.8                        | 49.39 | 147.6       | 62.67 | 175.3       | 78.20 | 188.2       | 85.81 | 201.9       | 94.04 | 221.2       | 99.99 | 233.2       | 105.3 |
|        | 46                              | 118.6                        | 56.63 | 144.8       | 72.06 | 172.1       | 88.84 | 184.6       | 96.42 | 198.1       | 106.3 | 211.6       | 111.0 | 214.4       | 111.6 |
|        | 48                              | 110.4                        | 53.46 | 135.2       | 67.86 | 160.9       | 83.55 | 172.6       | 90.60 | 180.3       | 97.82 | 187.7       | 98.78 | 190.1       | 99.29 |
|        | 50                              | 102.4                        | 50.29 | 125.6       | 63.40 | 149.4       | 77.68 | 154.6       | 81.56 | 160.0       | 87.38 | 164.2       | 85.88 | 166.3       | 86.27 |
|        | 52                              | 94.20                        | 47.11 | 115.8       | 57.47 | 129.8       | 66.78 | 134.6       | 70.00 | 139.5       | 75.00 | 140.5       | 70.69 | 142.5       | 70.80 |
| 70     | 10                              | 105.8                        | 16.69 | 129.3       | 20.58 | 153.3       | 24.18 | 164.5       | 26.11 | 176.6       | 28.08 | 193.4       | 31.51 | 209.6       | 34.78 |
|        | 12                              | 105.8                        | 17.40 | 129.3       | 20.96 | 153.3       | 25.08 | 164.5       | 27.06 | 176.6       | 29.22 | 193.4       | 32.75 | 209.6       | 36.18 |
|        | 14                              | 105.8                        | 17.68 | 129.3       | 21.30 | 153.3       | 25.55 | 164.5       | 27.58 | 176.6       | 29.91 | 193.4       | 33.86 | 209.6       | 37.50 |
|        | 16                              | 105.8                        | 17.94 | 129.3       | 21.70 | 153.3       | 26.08 | 164.5       | 28.43 | 176.6       | 31.05 | 193.4       | 35.13 | 209.6       | 39.01 |
|        | 18                              | 105.8                        | 18.22 | 129.3       | 22.19 | 153.3       | 27.23 | 164.5       | 29.72 | 176.6       | 32.42 | 193.4       | 36.62 | 209.6       | 40.59 |
|        | 20                              | 105.8                        | 18.62 | 129.3       | 23.12 | 153.3       | 28.36 | 164.5       | 31.10 | 176.6       | 34.01 | 193.4       | 38.40 | 209.6       | 42.96 |
|        | 21                              | 105.8                        | 19.07 | 129.3       | 23.58 | 153.3       | 29.06 | 164.5       | 31.84 | 176.6       | 34.85 | 193.4       | 39.53 | 209.6       | 44.27 |
|        | 23                              | 105.8                        | 19.81 | 129.3       | 24.80 | 153.3       | 30.58 | 164.5       | 33.73 | 176.6       | 37.33 | 193.4       | 42.76 | 209.6       | 47.55 |
|        | 25                              | 105.8                        | 20.70 | 129.3       | 26.36 | 153.3       | 33.20 | 164.5       | 36.73 | 176.6       | 40.51 | 193.4       | 46.42 | 209.6       | 50.84 |
|        | 27                              | 105.8                        | 22.29 | 129.3       | 28.71 | 153.3       | 36.07 | 164.5       | 39.73 | 176.6       | 43.90 | 193.4       | 49.86 | 209.6       | 54.26 |
|        | 29                              | 105.8                        | 24.31 | 129.3       | 31.19 | 153.3       | 38.90 | 164.5       | 42.54 | 176.6       | 46.70 | 193.4       | 53.24 | 209.6       | 58.05 |
|        | 31                              | 105.8                        | 26.51 | 129.3       | 33.73 | 153.3       | 41.46 | 164.5       | 45.43 | 176.6       | 49.80 | 193.4       | 56.77 | 209.6       | 61.78 |
|        | 33                              | 105.8                        | 28.58 | 129.3       | 35.75 | 153.3       | 44.16 | 164.5       | 48.33 | 176.6       | 53.04 | 193.4       | 60.48 | 209.6       | 65.95 |
|        | 35                              | 105.8                        | 30.36 | 129.3       | 38.13 | 153.3       | 47.01 | 164.5       | 51.52 | 176.6       | 56.65 | 193.4       | 64.58 | 209.6       | 70.03 |
|        | 37                              | 105.8                        | 32.31 | 129.3       | 40.50 | 153.3       | 50.16 | 164.5       | 54.95 | 176.6       | 60.30 | 193.4       | 68.75 | 209.6       | 74.16 |
|        | 39                              | 105.8                        | 34.33 | 129.3       | 43.22 | 153.3       | 53.55 | 164.5       | 58.86 | 176.6       | 64.76 | 193.4       | 73.44 | 209.6       | 79.60 |
|        | 41                              | 105.8                        | 38.30 | 129.3       | 47.93 | 153.3       | 59.35 | 164.5       | 65.25 | 176.6       | 71.40 | 193.4       | 81.61 | 209.6       | 87.49 |
|        | 43                              | 105.8                        | 42.38 | 129.3       | 53.12 | 153.3       | 65.60 | 164.5       | 72.11 | 176.6       | 78.79 | 193.4       | 89.87 | 209.6       | 95.42 |
|        | 46                              | 103.8                        | 48.49 | 126.9       | 61.11 | 150.5       | 75.17 | 161.5       | 81.77 | 173.4       | 89.51 | 189.8       | 102.0 | 205.6       | 107.2 |
|        | 48                              | 96.60                        | 45.92 | 118.5       | 57.65 | 140.7       | 70.91 | 151.1       | 77.13 | 162.2       | 84.28 | 177.2       | 95.65 | 189.0       | 98.65 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 89.60                        | 43.25 | 109.9       | 53.90 | 130.9       | 66.39 | 140.5       | 71.76 | 149.4       | 77.85 | 158.2       | 85.92 | 167.6       | 87.27 |
|        | 52                              | 82.60                        | 40.57 | 101.5       | 49.57 | 121.1       | 60.11 | 126.0       | 63.22 | 129.9       | 66.95 | 137.8       | 73.89 | 145.8       | 73.84 |
| 60     | 10                              | 90.50                        | 14.25 | 110.7       | 17.44 | 131.5       | 20.86 | 141.1       | 22.40 | 151.3       | 23.84 | 165.9       | 26.54 | 179.7       | 29.18 |
|        | 12                              | 90.50                        | 15.21 | 110.7       | 18.00 | 131.5       | 21.26 | 141.1       | 22.91 | 151.3       | 24.63 | 165.9       | 27.48 | 179.7       | 30.28 |
|        | 14                              | 90.50                        | 15.36 | 110.7       | 18.27 | 131.5       | 21.70 | 141.1       | 23.37 | 151.3       | 25.11 | 165.9       | 28.10 | 179.7       | 31.00 |
|        | 16                              | 90.50                        | 15.62 | 110.7       | 18.65 | 131.5       | 22.00 | 141.1       | 23.78 | 151.3       | 25.77 | 165.9       | 28.84 | 179.7       | 31.95 |
|        | 18                              | 90.50                        | 15.89 | 110.7       | 18.97 | 131.5       | 22.59 | 141.1       | 24.60 | 151.3       | 26.74 | 165.9       | 30.01 | 179.7       | 33.32 |
|        | 20                              | 90.50                        | 16.12 | 110.7       | 19.50 | 131.5       | 23.56 | 141.1       | 25.66 | 151.3       | 27.92 | 165.9       | 31.39 | 179.7       | 34.92 |
|        | 21                              | 90.50                        | 16.35 | 110.7       | 19.86 | 131.5       | 24.20 | 141.1       | 26.29 | 151.3       | 28.61 | 165.9       | 32.21 | 179.7       | 35.66 |
|        | 23                              | 90.50                        | 16.96 | 110.7       | 20.84 | 131.5       | 25.29 | 141.1       | 27.61 | 151.3       | 30.12 | 165.9       | 34.19 | 179.7       | 38.44 |
|        | 25                              | 90.50                        | 17.73 | 110.7       | 21.88 | 131.5       | 26.98 | 141.1       | 29.62 | 151.3       | 32.59 | 165.9       | 37.18 | 179.7       | 41.69 |
|        | 27                              | 90.50                        | 18.81 | 110.7       | 23.57 | 131.5       | 29.29 | 141.1       | 32.19 | 151.3       | 35.40 | 165.9       | 40.27 | 179.7       | 45.16 |
|        | 29                              | 90.50                        | 20.39 | 110.7       | 25.69 | 131.5       | 31.92 | 141.1       | 34.97 | 151.3       | 38.23 | 165.9       | 43.21 | 179.7       | 48.35 |
|        | 31                              | 90.50                        | 22.24 | 110.7       | 28.05 | 131.5       | 34.34 | 141.1       | 37.39 | 151.3       | 40.74 | 165.9       | 46.09 | 179.7       | 51.48 |
|        | 33                              | 90.50                        | 24.22 | 110.7       | 30.02 | 131.5       | 36.50 | 141.1       | 39.77 | 151.3       | 43.42 | 165.9       | 49.09 | 179.7       | 54.94 |
|        | 35                              | 90.50                        | 25.85 | 110.7       | 31.93 | 131.5       | 38.87 | 141.1       | 42.32 | 151.3       | 46.16 | 165.9       | 52.31 | 179.7       | 58.59 |
|        | 37                              | 90.50                        | 27.38 | 110.7       | 33.84 | 131.5       | 41.31 | 141.1       | 45.03 | 151.3       | 49.12 | 165.9       | 55.73 | 179.7       | 62.33 |
|        | 39                              | 90.50                        | 29.21 | 110.7       | 36.07 | 131.5       | 44.39 | 141.1       | 48.34 | 151.3       | 52.75 | 165.9       | 59.60 | 179.7       | 66.64 |
|        | 41                              | 90.50                        | 32.20 | 110.7       | 39.99 | 131.5       | 49.01 | 141.1       | 53.45 | 151.3       | 58.08 | 165.9       | 66.13 | 179.7       | 73.59 |
|        | 43                              | 90.50                        | 35.54 | 110.7       | 44.14 | 131.5       | 54.12 | 141.1       | 59.02 | 151.3       | 64.14 | 165.9       | 73.20 | 179.7       | 81.56 |
|        | 46                              | 88.90                        | 40.85 | 108.7       | 50.92 | 129.1       | 62.24 | 138.5       | 67.69 | 148.5       | 73.41 | 162.9       | 83.78 | 176.3       | 94.03 |
|        | 48                              | 82.70                        | 38.64 | 101.3       | 48.22 | 120.7       | 58.79 | 129.5       | 63.89 | 138.9       | 69.33 | 152.1       | 78.84 | 164.3       | 87.96 |
|        | 50                              | 76.70                        | 36.58 | 94.10       | 45.53 | 112.3       | 55.09 | 120.5       | 59.85 | 129.3       | 65.00 | 141.3       | 73.27 | 152.5       | 81.47 |
|        | 52                              | 70.70                        | 34.38 | 86.90       | 42.83 | 103.7       | 50.79 | 111.5       | 54.41 | 119.7       | 58.90 | 127.4       | 64.94 | 134.3       | 70.72 |
| 50     | 10                              | 75.70                        | 12.16 | 92.40       | 14.52 | 109.6       | 17.22 | 117.6       | 18.60 | 126.0       | 19.90 | 138.1       | 22.14 | 149.8       | 24.14 |
|        | 12                              | 75.70                        | 13.14 | 92.40       | 15.33 | 109.6       | 17.75 | 117.6       | 19.05 | 126.0       | 20.42 | 138.1       | 22.64 | 149.8       | 24.81 |
|        | 14                              | 75.70                        | 13.29 | 92.40       | 15.58 | 109.6       | 18.05 | 117.6       | 19.35 | 126.0       | 20.72 | 138.1       | 22.95 | 149.8       | 25.23 |
|        | 16                              | 75.70                        | 13.54 | 92.40       | 15.84 | 109.6       | 18.33 | 117.6       | 19.71 | 126.0       | 21.06 | 138.1       | 23.39 | 149.8       | 25.64 |
|        | 18                              | 75.70                        | 13.68 | 92.40       | 16.02 | 109.6       | 18.62 | 117.6       | 20.05 | 126.0       | 21.55 | 138.1       | 24.08 | 149.8       | 26.56 |
|        | 20                              | 75.70                        | 13.83 | 92.40       | 16.28 | 109.6       | 19.28 | 117.6       | 20.78 | 126.0       | 22.50 | 138.1       | 25.09 | 149.8       | 27.77 |
|        | 21                              | 75.70                        | 13.93 | 92.40       | 16.55 | 109.6       | 19.70 | 117.6       | 21.32 | 126.0       | 22.98 | 138.1       | 25.71 | 149.8       | 28.36 |
|        | 23                              | 75.70                        | 14.39 | 92.40       | 17.22 | 109.6       | 20.53 | 117.6       | 22.25 | 126.0       | 24.14 | 138.1       | 26.94 | 149.8       | 29.78 |
|        | 25                              | 75.70                        | 14.90 | 92.40       | 17.99 | 109.6       | 21.65 | 117.6       | 23.49 | 126.0       | 25.58 | 138.1       | 28.90 | 149.8       | 32.32 |
|        | 27                              | 75.70                        | 15.63 | 92.40       | 19.12 | 109.6       | 23.38 | 117.6       | 25.48 | 126.0       | 27.78 | 138.1       | 31.47 | 149.8       | 35.10 |
|        | 29                              | 75.70                        | 16.89 | 92.40       | 20.84 | 109.6       | 25.45 | 117.6       | 27.78 | 126.0       | 30.27 | 138.1       | 34.21 | 149.8       | 37.97 |
|        | 31                              | 75.70                        | 18.30 | 92.40       | 22.68 | 109.6       | 27.76 | 117.6       | 30.12 | 126.0       | 32.73 | 138.1       | 36.66 | 149.8       | 40.58 |
|        | 33                              | 75.70                        | 20.02 | 92.40       | 24.71 | 109.6       | 29.63 | 117.6       | 32.09 | 126.0       | 34.77 | 138.1       | 39.00 | 149.8       | 43.27 |
|        | 35                              | 75.70                        | 21.66 | 92.40       | 26.26 | 109.6       | 31.49 | 117.6       | 34.11 | 126.0       | 36.91 | 138.1       | 41.40 | 149.8       | 46.02 |
|        | 37                              | 75.70                        | 23.04 | 92.40       | 27.89 | 109.6       | 33.40 | 117.6       | 36.19 | 126.0       | 39.21 | 138.1       | 44.16 | 149.8       | 48.94 |
|        | 39                              | 75.70                        | 24.54 | 92.40       | 29.83 | 109.6       | 35.76 | 117.6       | 38.83 | 126.0       | 42.00 | 138.1       | 47.08 | 149.8       | 52.75 |
|        | 41                              | 75.70                        | 26.96 | 92.40       | 32.82 | 109.6       | 39.54 | 117.6       | 42.75 | 126.0       | 46.20 | 138.1       | 52.31 | 149.8       | 58.21 |
|        | 43                              | 75.70                        | 29.77 | 92.40       | 36.20 | 109.6       | 43.67 | 117.6       | 47.33 | 126.0       | 51.10 | 138.1       | 57.82 | 149.8       | 64.42 |
|        | 46                              | 74.30                        | 34.21 | 90.80       | 41.69 | 107.6       | 50.28 | 115.4       | 54.35 | 123.6       | 58.65 | 135.5       | 66.56 | 147.0       | 74.16 |
|        | 48                              | 69.10                        | 32.43 | 84.60       | 39.51 | 100.6       | 47.71 | 108.0       | 51.48 | 115.6       | 55.50 | 126.5       | 62.68 | 137.0       | 69.65 |
|        | 50                              | 64.10                        | 30.86 | 78.60       | 37.52 | 93.60       | 45.13 | 100.4       | 48.80 | 107.6       | 52.07 | 117.5       | 58.62 | 127.0       | 64.89 |
|        | 52                              | 59.10                        | 29.12 | 72.60       | 35.37 | 86.60       | 42.56 | 93.00       | 45.90 | 99.60       | 48.08 | 108.7       | 53.28 | 117.2       | 58.68 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM860LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 216.3                        | 30.42 | 263.5       | 38.29 | 298.4       | 47.40 | 313.1       | 50.63 | 329.0       | 54.29 | 347.2       | 57.57 | 359.5       | 60.14 |
|        | 12                               | 216.3                        | 31.69 | 263.5       | 40.42 | 298.4       | 50.35 | 313.1       | 53.41 | 329.0       | 57.34 | 347.2       | 60.71 | 359.5       | 63.24 |
|        | 14                               | 216.3                        | 32.92 | 263.5       | 42.53 | 298.4       | 53.41 | 313.1       | 56.74 | 329.0       | 60.52 | 347.2       | 63.89 | 359.5       | 66.90 |
|        | 16                               | 216.3                        | 34.28 | 263.5       | 44.92 | 298.4       | 56.80 | 313.1       | 60.19 | 329.0       | 64.26 | 347.2       | 67.90 | 359.5       | 71.06 |
|        | 18                               | 216.3                        | 36.30 | 263.5       | 48.04 | 298.4       | 60.26 | 313.1       | 64.45 | 329.0       | 68.78 | 347.2       | 72.59 | 359.5       | 75.64 |
|        | 20                               | 216.3                        | 38.59 | 263.5       | 51.70 | 298.4       | 64.32 | 313.1       | 70.62 | 329.0       | 74.97 | 347.2       | 79.54 | 359.5       | 82.18 |
|        | 21                               | 216.3                        | 39.91 | 263.5       | 53.77 | 298.4       | 66.21 | 313.1       | 74.11 | 329.0       | 78.43 | 347.2       | 83.29 | 359.5       | 85.98 |
|        | 23                               | 216.3                        | 43.23 | 263.5       | 57.56 | 298.4       | 70.44 | 313.1       | 80.80 | 329.0       | 86.17 | 347.2       | 90.89 | 359.5       | 93.78 |
|        | 25                               | 216.3                        | 46.83 | 263.5       | 61.70 | 298.4       | 75.28 | 313.1       | 89.00 | 329.0       | 94.55 | 347.2       | 99.69 | 359.5       | 102.2 |
|        | 27                               | 216.3                        | 50.75 | 263.5       | 66.02 | 298.4       | 80.89 | 313.1       | 98.04 | 329.0       | 103.3 | 347.2       | 108.6 | 359.5       | 111.4 |
|        | 29                               | 216.3                        | 54.31 | 263.5       | 70.50 | 298.4       | 88.02 | 313.1       | 107.6 | 329.0       | 113.1 | 347.2       | 118.3 | 359.5       | 120.9 |
|        | 31                               | 216.3                        | 57.93 | 263.5       | 74.75 | 298.4       | 94.68 | 313.1       | 110.7 | 329.0       | 116.4 | 345.8       | 121.3 | 358.7       | 124.3 |
|        | 33                               | 216.3                        | 61.74 | 263.5       | 80.28 | 298.4       | 102.1 | 313.1       | 113.7 | 328.8       | 119.4 | 342.5       | 123.4 | 348.5       | 124.1 |
|        | 35                               | 216.3                        | 65.83 | 263.5       | 85.58 | 298.4       | 111.0 | 312.3       | 116.4 | 325.1       | 120.9 | 330.2       | 121.7 | 335.3       | 121.9 |
|        | 37                               | 216.3                        | 70.21 | 263.5       | 91.20 | 297.2       | 113.4 | 308.7       | 117.8 | 312.0       | 118.4 | 316.7       | 119.0 | 322.1       | 119.2 |
|        | 39                               | 216.3                        | 74.80 | 263.5       | 97.61 | 293.5       | 113.8 | 296.5       | 114.1 | 298.9       | 114.6 | 304.1       | 115.2 | 309.5       | 115.4 |
|        | 41                               | 216.3                        | 81.42 | 258.9       | 104.2 | 277.1       | 110.0 | 279.5       | 110.4 | 282.5       | 110.8 | 287.3       | 111.3 | 292.1       | 111.6 |
|        | 43                               | 216.3                        | 88.25 | 252.5       | 105.4 | 261.0       | 106.9 | 263.3       | 107.2 | 266.3       | 107.6 | 271.3       | 108.2 | 275.6       | 108.5 |
|        | 46                               | 211.9                        | 97.98 | 229.6       | 102.7 | 234.3       | 103.0 | 236.4       | 103.3 | 239.5       | 103.7 | 243.9       | 104.2 | 248.0       | 104.5 |
|        | 48                               | 197.1                        | 98.82 | 203.3       | 100.4 | 207.6       | 100.5 | 209.6       | 100.7 | 212.3       | 101.2 | 216.1       | 101.6 | 219.8       | 101.9 |
|        | 50                               | 177.9                        | 97.20 | 177.7       | 97.68 | 181.4       | 97.58 | 183.2       | 97.61 | 185.3       | 98.30 | 188.9       | 98.52 | 191.9       | 98.80 |
|        | 52                               | 154.3                        | 92.43 | 151.9       | 92.80 | 155.6       | 91.70 | 157.1       | 91.40 | 159.0       | 92.09 | 162.0       | 91.97 | 164.7       | 92.12 |
| 120    | 10                               | 197.1                        | 27.54 | 240.1       | 34.41 | 275.1       | 42.78 | 288.9       | 47.19 | 303.9       | 50.37 | 321.7       | 53.10 | 332.9       | 55.59 |
|        | 12                               | 197.1                        | 28.71 | 240.1       | 36.21 | 275.1       | 45.40 | 288.9       | 49.50 | 303.9       | 53.44 | 321.7       | 56.67 | 332.9       | 59.22 |
|        | 14                               | 197.1                        | 29.82 | 240.1       | 38.00 | 275.1       | 48.20 | 288.9       | 52.52 | 303.9       | 56.72 | 321.7       | 60.06 | 332.9       | 62.49 |
|        | 16                               | 197.1                        | 30.84 | 240.1       | 40.08 | 275.1       | 51.01 | 288.9       | 55.60 | 303.9       | 60.10 | 321.7       | 63.48 | 332.9       | 66.26 |
|        | 18                               | 197.1                        | 32.45 | 240.1       | 42.56 | 275.1       | 54.15 | 288.9       | 59.28 | 303.9       | 64.02 | 321.7       | 67.68 | 332.9       | 70.48 |
|        | 20                               | 197.1                        | 34.31 | 240.1       | 45.71 | 275.1       | 57.80 | 288.9       | 63.39 | 303.9       | 68.38 | 321.7       | 72.18 | 332.9       | 74.97 |
|        | 21                               | 197.1                        | 35.57 | 240.1       | 47.54 | 275.1       | 59.85 | 288.9       | 65.58 | 303.9       | 70.72 | 321.7       | 74.65 | 332.9       | 77.60 |
|        | 23                               | 197.1                        | 38.52 | 240.1       | 51.49 | 275.1       | 64.61 | 288.9       | 70.22 | 303.9       | 75.66 | 321.7       | 79.52 | 332.9       | 82.31 |
|        | 25                               | 197.1                        | 41.72 | 240.1       | 55.82 | 275.1       | 68.70 | 288.9       | 75.06 | 303.9       | 81.06 | 321.7       | 85.53 | 332.9       | 88.31 |
|        | 27                               | 197.1                        | 45.28 | 240.1       | 59.93 | 275.1       | 73.40 | 288.9       | 80.06 | 303.9       | 87.14 | 321.7       | 92.07 | 332.9       | 95.16 |
|        | 29                               | 197.1                        | 48.74 | 240.1       | 63.94 | 275.1       | 77.64 | 288.9       | 85.94 | 303.9       | 93.85 | 321.7       | 99.61 | 332.9       | 102.2 |
|        | 31                               | 197.1                        | 51.95 | 240.1       | 68.25 | 275.1       | 82.12 | 288.9       | 92.64 | 303.9       | 101.0 | 321.7       | 107.2 | 332.9       | 110.0 |
|        | 33                               | 197.1                        | 55.32 | 240.1       | 72.75 | 275.1       | 87.87 | 288.9       | 100.9 | 303.9       | 109.1 | 321.7       | 115.1 | 332.9       | 118.2 |
|        | 35                               | 197.1                        | 58.88 | 240.1       | 77.58 | 275.1       | 94.34 | 288.9       | 110.8 | 303.9       | 116.8 | 321.5       | 122.4 | 327.9       | 123.7 |
|        | 37                               | 197.1                        | 63.15 | 240.1       | 82.19 | 275.1       | 101.6 | 288.9       | 113.1 | 303.4       | 118.8 | 309.8       | 119.8 | 314.3       | 120.3 |
|        | 39                               | 197.1                        | 67.77 | 240.1       | 87.37 | 275.1       | 108.5 | 288.6       | 114.4 | 292.3       | 115.3 | 297.3       | 115.5 | 301.9       | 116.0 |
|        | 41                               | 197.1                        | 74.22 | 240.1       | 95.80 | 271.4       | 110.1 | 273.5       | 110.6 | 275.6       | 110.9 | 280.2       | 111.1 | 284.8       | 111.7 |
|        | 43                               | 197.1                        | 81.11 | 239.1       | 99.37 | 255.5       | 106.4 | 257.7       | 107.0 | 259.7       | 107.3 | 264.1       | 107.5 | 268.7       | 108.0 |
|        | 46                               | 193.3                        | 90.81 | 224.6       | 100.1 | 229.3       | 101.7 | 231.1       | 102.2 | 233.2       | 102.5 | 237.4       | 102.7 | 241.6       | 103.2 |
|        | 48                               | 179.9                        | 91.92 | 199.1       | 98.09 | 203.3       | 99.65 | 204.9       | 100.1 | 206.7       | 100.2 | 210.3       | 100.5 | 214.1       | 100.7 |
|        | 50                               | 166.3                        | 93.07 | 174.0       | 95.80 | 177.6       | 97.17 | 179.0       | 97.42 | 180.6       | 97.53 | 183.8       | 97.75 | 187.2       | 97.77 |
|        | 52                               | 146.2                        | 89.50 | 148.8       | 91.66 | 152.4       | 92.09 | 153.6       | 92.03 | 155.1       | 91.81 | 157.9       | 92.06 | 160.6       | 91.68 |
| 110    | 10                               | 178.3                        | 25.00 | 217.4       | 30.76 | 252.5       | 37.81 | 264.8       | 41.53 | 283.6       | 45.74 | 295.2       | 48.59 | 312.2       | 50.86 |
|        | 12                               | 178.3                        | 26.08 | 217.4       | 32.32 | 252.5       | 40.11 | 264.8       | 43.73 | 283.6       | 48.49 | 295.2       | 51.72 | 312.2       | 54.36 |
|        | 14                               | 178.3                        | 26.87 | 217.4       | 33.98 | 252.5       | 42.56 | 264.8       | 46.70 | 283.6       | 51.84 | 295.2       | 55.19 | 312.2       | 57.97 |
|        | 16                               | 178.3                        | 27.69 | 217.4       | 35.60 | 252.5       | 45.21 | 264.8       | 49.60 | 283.6       | 55.17 | 295.2       | 58.58 | 312.2       | 61.30 |
|        | 18                               | 178.3                        | 28.93 | 217.4       | 37.71 | 252.5       | 48.45 | 264.8       | 53.08 | 283.6       | 58.85 | 295.2       | 62.32 | 312.2       | 65.19 |
|        | 20                               | 178.3                        | 30.51 | 217.4       | 40.26 | 252.5       | 51.96 | 264.8       | 56.44 | 283.6       | 62.79 | 295.2       | 66.62 | 312.2       | 69.39 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 178.3                        | 31.49 | 217.4       | 41.72 | 252.5       | 53.65 | 264.8       | 58.38 | 283.6       | 65.03 | 295.2       | 68.74 | 312.2       | 71.75 |
|        | 23                               | 178.3                        | 33.99 | 217.4       | 45.23 | 252.5       | 57.68 | 264.8       | 62.42 | 283.6       | 69.35 | 295.2       | 73.02 | 312.2       | 76.04 |
|        | 25                               | 178.3                        | 36.88 | 217.4       | 48.88 | 252.5       | 61.60 | 264.8       | 66.60 | 283.6       | 73.54 | 295.2       | 77.24 | 312.2       | 81.19 |
|        | 27                               | 178.3                        | 39.95 | 217.4       | 52.95 | 252.5       | 65.46 | 264.8       | 70.71 | 283.6       | 77.75 | 295.2       | 81.91 | 312.2       | 86.64 |
|        | 29                               | 178.3                        | 43.34 | 217.4       | 56.50 | 252.5       | 69.42 | 264.8       | 75.24 | 283.6       | 82.71 | 295.2       | 87.03 | 312.2       | 92.07 |
|        | 31                               | 178.3                        | 46.28 | 217.4       | 60.24 | 252.5       | 73.62 | 264.8       | 79.94 | 283.6       | 88.29 | 295.2       | 92.66 | 312.2       | 98.16 |
|        | 33                               | 178.3                        | 49.33 | 217.4       | 64.16 | 252.5       | 78.06 | 264.8       | 84.93 | 283.6       | 94.46 | 295.2       | 98.87 | 312.2       | 104.2 |
|        | 35                               | 178.3                        | 52.47 | 217.4       | 68.49 | 252.5       | 82.78 | 264.8       | 90.30 | 283.6       | 101.1 | 295.2       | 105.3 | 312.0       | 110.6 |
|        | 37                               | 178.3                        | 55.72 | 217.4       | 72.82 | 252.5       | 87.79 | 264.8       | 96.82 | 283.6       | 108.2 | 295.2       | 112.1 | 306.6       | 115.0 |
|        | 39                               | 178.3                        | 59.86 | 217.4       | 77.48 | 252.5       | 94.13 | 264.8       | 104.1 | 283.6       | 113.8 | 288.5       | 114.6 | 294.2       | 115.1 |
|        | 41                               | 178.3                        | 65.60 | 217.4       | 84.19 | 252.5       | 102.2 | 264.8       | 114.1 | 269.0       | 115.1 | 273.2       | 115.6 | 277.2       | 116.2 |
|        | 43                               | 178.3                        | 70.89 | 217.4       | 90.53 | 249.1       | 109.1 | 251.5       | 110.0 | 253.3       | 109.8 | 257.5       | 110.1 | 261.3       | 110.3 |
|        | 46                               | 174.7                        | 74.47 | 213.4       | 93.56 | 223.3       | 103.1 | 225.5       | 103.1 | 227.0       | 103.7 | 231.2       | 104.0 | 234.5       | 104.2 |
|        | 48                               | 162.7                        | 75.35 | 194.8       | 92.93 | 197.9       | 99.13 | 200.0       | 99.52 | 201.5       | 99.83 | 205.0       | 100.0 | 208.2       | 100.3 |
|        | 50                               | 150.7                        | 76.14 | 170.6       | 89.48 | 173.0       | 94.64 | 174.8       | 95.47 | 176.2       | 95.51 | 179.1       | 95.47 | 182.0       | 95.84 |
|        | 52                               | 138.0                        | 75.60 | 145.9       | 84.34 | 148.5       | 87.91 | 150.1       | 89.04 | 151.3       | 88.66 | 153.7       | 88.32 | 156.2       | 88.49 |
| 100    | 10                               | 154.7                        | 22.74 | 188.7       | 27.64 | 224.6       | 33.53 | 240.8       | 36.61 | 257.9       | 40.05 | 280.8       | 44.64 | 289.9       | 46.20 |
|        | 12                               | 154.7                        | 23.60 | 188.7       | 29.13 | 224.6       | 35.33 | 240.8       | 38.46 | 257.9       | 42.27 | 280.8       | 47.78 | 289.9       | 49.55 |
|        | 14                               | 154.7                        | 24.27 | 188.7       | 30.40 | 224.6       | 37.29 | 240.8       | 40.81 | 257.9       | 44.96 | 280.8       | 51.22 | 289.9       | 53.11 |
|        | 16                               | 154.7                        | 24.87 | 188.7       | 31.51 | 224.6       | 39.46 | 240.8       | 43.43 | 257.9       | 48.03 | 280.8       | 54.67 | 289.9       | 56.89 |
|        | 18                               | 154.7                        | 25.66 | 188.7       | 33.27 | 224.6       | 41.78 | 240.8       | 46.19 | 257.9       | 51.64 | 280.8       | 58.29 | 289.9       | 60.36 |
|        | 20                               | 154.7                        | 27.03 | 188.7       | 35.19 | 224.6       | 44.84 | 240.8       | 49.97 | 257.9       | 55.58 | 280.8       | 62.06 | 289.9       | 64.35 |
|        | 21                               | 154.7                        | 27.80 | 188.7       | 36.29 | 224.6       | 46.61 | 240.8       | 51.97 | 257.9       | 57.96 | 280.8       | 64.12 | 289.9       | 66.39 |
|        | 23                               | 154.7                        | 29.92 | 188.7       | 39.28 | 224.6       | 50.53 | 240.8       | 56.35 | 257.9       | 62.61 | 280.8       | 68.09 | 289.9       | 70.40 |
|        | 25                               | 154.7                        | 32.26 | 188.7       | 42.57 | 224.6       | 54.75 | 240.8       | 60.80 | 257.9       | 67.25 | 280.8       | 71.85 | 289.9       | 74.50 |
|        | 27                               | 154.7                        | 35.01 | 188.7       | 46.22 | 224.6       | 58.75 | 240.8       | 65.02 | 257.9       | 71.77 | 280.8       | 76.95 | 289.9       | 79.41 |
|        | 29                               | 154.7                        | 38.03 | 188.7       | 49.54 | 224.6       | 62.70 | 240.8       | 69.42 | 257.9       | 76.16 | 280.8       | 81.74 | 289.9       | 84.46 |
|        | 31                               | 154.7                        | 41.03 | 188.7       | 52.83 | 224.6       | 66.85 | 240.8       | 74.05 | 257.9       | 80.47 | 280.8       | 86.58 | 289.9       | 89.50 |
|        | 33                               | 154.7                        | 43.58 | 188.7       | 56.29 | 224.6       | 71.30 | 240.8       | 78.99 | 257.9       | 84.41 | 280.8       | 91.72 | 289.9       | 94.83 |
|        | 35                               | 154.7                        | 46.38 | 188.7       | 59.94 | 224.6       | 75.97 | 240.8       | 84.23 | 257.9       | 89.36 | 280.0       | 97.04 | 289.7       | 100.3 |
|        | 37                               | 154.7                        | 49.59 | 188.7       | 64.15 | 224.6       | 80.69 | 240.8       | 88.91 | 257.9       | 95.25 | 277.2       | 102.5 | 286.5       | 105.8 |
|        | 39                               | 154.7                        | 53.07 | 188.7       | 68.73 | 224.6       | 85.74 | 240.8       | 93.93 | 257.9       | 101.4 | 274.6       | 107.0 | 283.5       | 110.2 |
|        | 41                               | 154.7                        | 57.60 | 188.7       | 74.67 | 224.6       | 92.44 | 240.8       | 101.6 | 257.9       | 108.4 | 264.5       | 109.8 | 269.4       | 110.4 |
|        | 43                               | 154.7                        | 62.96 | 188.7       | 81.71 | 224.6       | 99.46 | 240.8       | 108.9 | 244.3       | 109.9 | 248.7       | 110.1 | 252.3       | 110.8 |
|        | 46                               | 151.7                        | 70.50 | 185.3       | 91.23 | 216.7       | 107.0 | 217.8       | 110.5 | 219.0       | 110.7 | 223.0       | 110.9 | 226.3       | 111.6 |
|        | 48                               | 141.5                        | 66.12 | 173.1       | 85.61 | 191.8       | 95.98 | 193.1       | 98.52 | 194.3       | 98.70 | 197.7       | 98.84 | 200.9       | 99.35 |
|        | 50                               | 131.5                        | 61.74 | 159.0       | 78.49 | 166.9       | 84.33 | 169.1       | 85.93 | 169.8       | 86.09 | 173.0       | 86.14 | 175.6       | 86.46 |
|        | 52                               | 121.3                        | 56.54 | 138.4       | 67.02 | 142.1       | 70.77 | 145.1       | 71.11 | 145.9       | 71.05 | 148.7       | 70.80 | 150.9       | 70.69 |
| 90     | 10                               | 139.2                        | 21.19 | 170.0       | 25.37 | 202.1       | 30.26 | 216.7       | 32.84 | 232.0       | 35.75 | 254.4       | 39.80 | 275.5       | 43.43 |
|        | 12                               | 139.2                        | 21.50 | 170.0       | 26.21 | 202.1       | 31.48 | 216.7       | 34.26 | 232.0       | 37.40 | 254.4       | 41.61 | 275.5       | 45.80 |
|        | 14                               | 139.2                        | 21.86 | 170.0       | 26.84 | 202.1       | 32.56 | 216.7       | 35.60 | 232.0       | 38.92 | 254.4       | 43.43 | 275.5       | 47.93 |
|        | 16                               | 139.2                        | 22.29 | 170.0       | 27.34 | 202.1       | 33.79 | 216.7       | 37.04 | 232.0       | 40.70 | 254.4       | 45.49 | 275.5       | 50.05 |
|        | 18                               | 139.2                        | 22.63 | 170.0       | 28.41 | 202.1       | 35.25 | 216.7       | 38.78 | 232.0       | 42.60 | 254.4       | 47.69 | 275.5       | 53.25 |
|        | 20                               | 139.2                        | 23.43 | 170.0       | 29.66 | 202.1       | 36.99 | 216.7       | 40.69 | 232.0       | 45.17 | 254.4       | 51.45 | 275.5       | 56.79 |
|        | 21                               | 139.2                        | 23.96 | 170.0       | 30.34 | 202.1       | 38.11 | 216.7       | 42.27 | 232.0       | 47.06 | 254.4       | 52.93 | 275.5       | 58.54 |
|        | 23                               | 139.2                        | 25.11 | 170.0       | 32.32 | 202.1       | 41.30 | 216.7       | 45.88 | 232.0       | 51.03 | 254.4       | 56.98 | 275.5       | 62.92 |
|        | 25                               | 139.2                        | 26.90 | 170.0       | 35.02 | 202.1       | 44.79 | 216.7       | 49.85 | 232.0       | 55.16 | 254.4       | 61.44 | 275.5       | 67.19 |
|        | 27                               | 139.2                        | 29.16 | 170.0       | 38.06 | 202.1       | 48.48 | 216.7       | 53.48 | 232.0       | 59.08 | 254.4       | 65.39 | 275.5       | 71.64 |
|        | 29                               | 139.2                        | 31.61 | 170.0       | 41.26 | 202.1       | 51.80 | 216.7       | 57.10 | 232.0       | 63.07 | 254.4       | 69.42 | 275.5       | 75.93 |
|        | 31                               | 139.2                        | 34.36 | 170.0       | 43.98 | 202.1       | 55.17 | 216.7       | 60.83 | 232.0       | 67.24 | 254.4       | 73.35 | 275.5       | 80.42 |
|        | 33                               | 139.2                        | 36.69 | 170.0       | 46.85 | 202.1       | 58.84 | 216.7       | 64.84 | 232.0       | 71.48 | 254.4       | 77.43 | 274.5       | 84.85 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 139.2                        | 38.96 | 170.0       | 49.79 | 202.1       | 62.63 | 216.7       | 69.15 | 232.0       | 75.97 | 254.4       | 83.02 | 272.1       | 90.03 |
|        | 37                              | 139.2                        | 41.42 | 170.0       | 53.02 | 202.1       | 66.78 | 216.7       | 73.57 | 232.0       | 80.55 | 254.4       | 88.39 | 269.5       | 94.93 |
|        | 39                              | 139.2                        | 43.99 | 170.0       | 56.45 | 202.1       | 70.89 | 216.7       | 78.39 | 232.0       | 85.23 | 254.4       | 94.65 | 267.1       | 99.72 |
|        | 41                              | 139.2                        | 49.45 | 170.0       | 63.06 | 202.1       | 78.66 | 216.7       | 86.80 | 232.0       | 93.29 | 253.2       | 101.9 | 260.7       | 105.6 |
|        | 43                              | 139.2                        | 54.38 | 170.0       | 69.38 | 202.1       | 87.10 | 216.7       | 94.66 | 232.0       | 101.0 | 245.7       | 107.4 | 248.2       | 108.2 |
|        | 46                              | 136.6                        | 62.72 | 167.0       | 80.60 | 198.5       | 100.1 | 212.0       | 107.7 | 215.8       | 109.6 | 220.1       | 111.0 | 222.6       | 111.6 |
|        | 48                              | 127.4                        | 59.30 | 156.0       | 76.27 | 183.7       | 93.41 | 190.1       | 97.83 | 191.3       | 98.79 | 195.3       | 98.96 | 197.5       | 99.48 |
|        | 50                              | 118.4                        | 55.86 | 145.2       | 71.64 | 163.0       | 83.78 | 168.6       | 87.43 | 167.5       | 87.31 | 170.9       | 86.28 | 172.7       | 86.68 |
|        | 52                              | 109.2                        | 52.40 | 131.5       | 64.10 | 141.8       | 72.47 | 147.0       | 75.04 | 143.6       | 73.61 | 146.7       | 71.08 | 148.5       | 71.21 |
| 80     | 10                              | 123.5                        | 19.54 | 151.0       | 23.53 | 179.4       | 27.67 | 192.7       | 29.87 | 206.7       | 32.24 | 226.3       | 36.28 | 245.0       | 39.21 |
|        | 12                              | 123.5                        | 19.99 | 151.0       | 24.11 | 179.4       | 28.71 | 192.7       | 31.03 | 206.7       | 33.53 | 226.3       | 37.76 | 245.0       | 40.86 |
|        | 14                              | 123.5                        | 20.25 | 151.0       | 24.59 | 179.4       | 29.43 | 192.7       | 31.92 | 206.7       | 34.61 | 226.3       | 39.20 | 245.0       | 42.46 |
|        | 16                              | 123.5                        | 20.51 | 151.0       | 25.01 | 179.4       | 30.20 | 192.7       | 32.91 | 206.7       | 36.03 | 226.3       | 40.84 | 245.0       | 44.31 |
|        | 18                              | 123.5                        | 20.95 | 151.0       | 25.59 | 179.4       | 31.40 | 192.7       | 34.38 | 206.7       | 37.63 | 226.3       | 42.56 | 245.0       | 46.28 |
|        | 20                              | 123.5                        | 21.47 | 151.0       | 26.70 | 179.4       | 32.93 | 192.7       | 36.03 | 206.7       | 39.46 | 226.3       | 45.06 | 245.0       | 49.70 |
|        | 21                              | 123.5                        | 21.81 | 151.0       | 27.29 | 179.4       | 33.70 | 192.7       | 36.94 | 206.7       | 40.74 | 226.3       | 46.82 | 245.0       | 51.35 |
|        | 23                              | 123.5                        | 22.76 | 151.0       | 28.56 | 179.4       | 35.94 | 192.7       | 39.88 | 206.7       | 44.09 | 226.3       | 50.21 | 245.0       | 54.91 |
|        | 25                              | 123.5                        | 24.11 | 151.0       | 30.90 | 179.4       | 39.10 | 192.7       | 43.22 | 206.7       | 47.94 | 226.3       | 54.51 | 245.0       | 59.32 |
|        | 27                              | 123.5                        | 26.08 | 151.0       | 33.48 | 179.4       | 42.54 | 192.7       | 46.85 | 206.7       | 51.62 | 226.3       | 58.24 | 245.0       | 62.92 |
|        | 29                              | 123.5                        | 28.26 | 151.0       | 36.46 | 179.4       | 45.58 | 192.7       | 50.07 | 206.7       | 55.09 | 226.3       | 62.28 | 245.0       | 66.45 |
|        | 31                              | 123.5                        | 30.76 | 151.0       | 39.15 | 179.4       | 48.61 | 192.7       | 53.39 | 206.7       | 58.67 | 226.3       | 66.21 | 245.0       | 70.15 |
|        | 33                              | 123.5                        | 33.10 | 151.0       | 41.77 | 179.4       | 51.79 | 192.7       | 56.92 | 206.7       | 62.52 | 226.3       | 70.08 | 245.0       | 74.01 |
|        | 35                              | 123.5                        | 35.14 | 151.0       | 44.36 | 179.4       | 55.17 | 192.7       | 60.61 | 206.7       | 66.70 | 226.3       | 74.46 | 245.0       | 79.02 |
|        | 37                              | 123.5                        | 37.27 | 151.0       | 47.21 | 179.4       | 58.66 | 192.7       | 64.54 | 206.7       | 70.97 | 226.3       | 78.91 | 245.0       | 84.13 |
|        | 39                              | 123.5                        | 39.52 | 151.0       | 50.08 | 179.4       | 62.66 | 192.7       | 69.16 | 206.7       | 76.04 | 226.3       | 83.71 | 245.0       | 90.07 |
|        | 41                              | 123.5                        | 44.13 | 151.0       | 55.98 | 179.4       | 69.59 | 192.7       | 76.75 | 206.7       | 84.51 | 226.3       | 91.86 | 244.6       | 98.77 |
|        | 43                              | 123.5                        | 49.16 | 151.0       | 62.00 | 179.4       | 77.03 | 192.7       | 84.89 | 206.7       | 93.40 | 226.3       | 99.68 | 238.6       | 105.3 |
|        | 46                              | 121.3                        | 56.31 | 148.2       | 71.54 | 176.2       | 88.63 | 189.1       | 96.48 | 202.9       | 106.6 | 216.5       | 111.2 | 219.3       | 111.8 |
|        | 48                              | 113.1                        | 53.17 | 138.6       | 67.63 | 165.0       | 83.72 | 177.1       | 91.09 | 184.7       | 98.09 | 192.1       | 99.09 | 194.5       | 99.57 |
|        | 50                              | 105.1                        | 50.03 | 129.0       | 63.68 | 153.4       | 78.20 | 158.6       | 82.08 | 163.9       | 87.87 | 168.1       | 86.37 | 170.2       | 86.76 |
|        | 52                              | 96.90                        | 46.87 | 119.2       | 58.94 | 133.4       | 67.56 | 138.2       | 70.78 | 143.0       | 75.78 | 144.1       | 71.47 | 146.1       | 71.58 |
| 70     | 10                              | 108.2                        | 16.92 | 132.3       | 20.87 | 156.9       | 24.12 | 168.5       | 25.95 | 180.8       | 27.79 | 197.9       | 31.08 | 214.3       | 34.22 |
|        | 12                              | 108.2                        | 17.73 | 132.3       | 21.13 | 156.9       | 25.03 | 168.5       | 26.84 | 180.8       | 28.86 | 197.9       | 32.25 | 214.3       | 35.55 |
|        | 14                              | 108.2                        | 17.96 | 132.3       | 21.45 | 156.9       | 25.47 | 168.5       | 27.41 | 180.8       | 29.61 | 197.9       | 33.28 | 214.3       | 36.66 |
|        | 16                              | 108.2                        | 18.23 | 132.3       | 21.83 | 156.9       | 25.94 | 168.5       | 28.05 | 180.8       | 30.41 | 197.9       | 34.26 | 214.3       | 38.00 |
|        | 18                              | 108.2                        | 18.48 | 132.3       | 22.26 | 156.9       | 26.80 | 168.5       | 29.12 | 180.8       | 31.66 | 197.9       | 35.69 | 214.3       | 39.58 |
|        | 20                              | 108.2                        | 18.77 | 132.3       | 23.01 | 156.9       | 27.92 | 168.5       | 30.47 | 180.8       | 33.22 | 197.9       | 37.43 | 214.3       | 41.91 |
|        | 21                              | 108.2                        | 19.16 | 132.3       | 23.42 | 156.9       | 28.54 | 168.5       | 31.20 | 180.8       | 34.01 | 197.9       | 38.51 | 214.3       | 43.17 |
|        | 23                              | 108.2                        | 19.87 | 132.3       | 24.59 | 156.9       | 30.00 | 168.5       | 33.04 | 180.8       | 36.43 | 197.9       | 41.67 | 214.3       | 46.31 |
|        | 25                              | 108.2                        | 20.69 | 132.3       | 26.09 | 156.9       | 32.56 | 168.5       | 35.92 | 180.8       | 39.47 | 197.9       | 45.25 | 214.3       | 49.55 |
|        | 27                              | 108.2                        | 22.23 | 132.3       | 28.33 | 156.9       | 35.35 | 168.5       | 38.87 | 180.8       | 42.96 | 197.9       | 48.96 | 214.3       | 53.39 |
|        | 29                              | 108.2                        | 24.16 | 132.3       | 30.73 | 156.9       | 38.33 | 168.5       | 41.99 | 180.8       | 45.98 | 197.9       | 52.38 | 214.3       | 57.09 |
|        | 31                              | 108.2                        | 26.26 | 132.3       | 33.46 | 156.9       | 41.02 | 168.5       | 44.84 | 180.8       | 49.04 | 197.9       | 55.83 | 214.3       | 60.68 |
|        | 33                              | 108.2                        | 28.57 | 132.3       | 35.55 | 156.9       | 43.62 | 168.5       | 47.65 | 180.8       | 52.18 | 197.9       | 59.45 | 214.3       | 64.65 |
|        | 35                              | 108.2                        | 30.37 | 132.3       | 37.91 | 156.9       | 46.43 | 168.5       | 50.74 | 180.8       | 55.60 | 197.9       | 63.37 | 214.3       | 68.69 |
|        | 37                              | 108.2                        | 32.29 | 132.3       | 40.24 | 156.9       | 49.39 | 168.5       | 54.04 | 180.8       | 59.22 | 197.9       | 67.50 | 214.3       | 72.78 |
|        | 39                              | 108.2                        | 34.30 | 132.3       | 42.91 | 156.9       | 52.77 | 168.5       | 57.93 | 180.8       | 63.64 | 197.9       | 72.14 | 214.3       | 78.14 |
|        | 41                              | 108.2                        | 38.27 | 132.3       | 47.59 | 156.9       | 58.55 | 168.5       | 64.30 | 180.8       | 70.24 | 197.9       | 80.25 | 214.3       | 85.93 |
|        | 43                              | 108.2                        | 42.32 | 132.3       | 52.65 | 156.9       | 64.79 | 168.5       | 71.12 | 180.8       | 77.74 | 197.9       | 88.96 | 214.3       | 94.67 |
|        | 46                              | 106.2                        | 48.40 | 129.9       | 60.66 | 154.1       | 74.71 | 165.5       | 81.42 | 177.6       | 89.36 | 194.3       | 102.1 | 210.3       | 107.5 |
|        | 48                              | 99.00                        | 45.77 | 121.5       | 57.38 | 144.3       | 70.76 | 155.1       | 77.12 | 166.4       | 84.51 | 181.7       | 96.17 | 193.4       | 98.94 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 92.00                        | 43.15 | 112.9       | 54.09 | 134.5       | 66.79 | 144.5       | 72.37 | 153.4       | 78.34 | 162.2       | 86.42 | 171.5       | 87.77 |
|        | 52                              | 85.00                        | 40.51 | 104.5       | 50.80 | 124.7       | 61.79 | 129.6       | 64.01 | 133.5       | 67.73 | 141.3       | 74.65 | 149.4       | 74.62 |
| 60     | 10                              | 92.60                        | 14.35 | 113.2       | 17.75 | 134.7       | 21.04 | 144.4       | 22.42 | 155.0       | 23.78 | 169.7       | 26.41 | 183.7       | 28.98 |
|        | 12                              | 92.60                        | 15.55 | 113.2       | 18.26 | 134.7       | 21.35 | 144.4       | 22.97 | 155.0       | 24.58 | 169.7       | 27.28 | 183.7       | 30.00 |
|        | 14                              | 92.60                        | 15.71 | 113.2       | 18.53 | 134.7       | 21.81 | 144.4       | 23.41 | 155.0       | 25.06 | 169.7       | 27.94 | 183.7       | 30.78 |
|        | 16                              | 92.60                        | 15.94 | 113.2       | 18.89 | 134.7       | 22.09 | 144.4       | 23.79 | 155.0       | 25.59 | 169.7       | 28.50 | 183.7       | 31.46 |
|        | 18                              | 92.60                        | 16.20 | 113.2       | 19.21 | 134.7       | 22.53 | 144.4       | 24.36 | 155.0       | 26.34 | 169.7       | 29.48 | 183.7       | 32.66 |
|        | 20                              | 92.60                        | 16.44 | 113.2       | 19.56 | 134.7       | 23.35 | 144.4       | 25.35 | 155.0       | 27.45 | 169.7       | 30.78 | 183.7       | 34.22 |
|        | 21                              | 92.60                        | 16.57 | 113.2       | 19.90 | 134.7       | 23.95 | 144.4       | 25.93 | 155.0       | 28.12 | 169.7       | 31.59 | 183.7       | 34.98 |
|        | 23                              | 92.60                        | 17.13 | 113.2       | 20.80 | 134.7       | 24.97 | 144.4       | 27.20 | 155.0       | 29.59 | 169.7       | 33.52 | 183.7       | 37.65 |
|        | 25                              | 92.60                        | 17.83 | 113.2       | 21.79 | 134.7       | 26.62 | 144.4       | 29.14 | 155.0       | 31.94 | 169.7       | 36.40 | 183.7       | 40.82 |
|        | 27                              | 92.60                        | 18.84 | 113.2       | 23.41 | 134.7       | 28.83 | 144.4       | 31.59 | 155.0       | 34.62 | 169.7       | 39.39 | 183.7       | 44.26 |
|        | 29                              | 92.60                        | 20.37 | 113.2       | 25.45 | 134.7       | 31.39 | 144.4       | 34.38 | 155.0       | 37.64 | 169.7       | 42.68 | 183.7       | 47.72 |
|        | 31                              | 92.60                        | 22.16 | 113.2       | 27.74 | 134.7       | 34.08 | 144.4       | 37.06 | 155.0       | 40.27 | 169.7       | 45.50 | 183.7       | 50.81 |
|        | 33                              | 92.60                        | 24.09 | 113.2       | 29.98 | 134.7       | 36.22 | 144.4       | 39.38 | 155.0       | 42.90 | 169.7       | 48.41 | 183.7       | 54.18 |
|        | 35                              | 92.60                        | 25.93 | 113.2       | 31.90 | 134.7       | 38.53 | 144.4       | 41.89 | 155.0       | 45.60 | 169.7       | 51.58 | 183.7       | 57.64 |
|        | 37                              | 92.60                        | 27.46 | 113.2       | 33.75 | 134.7       | 40.92 | 144.4       | 44.56 | 155.0       | 48.47 | 169.7       | 54.85 | 183.7       | 61.36 |
|        | 39                              | 92.60                        | 29.27 | 113.2       | 35.97 | 134.7       | 43.97 | 144.4       | 47.69 | 155.0       | 51.98 | 169.7       | 58.70 | 183.7       | 65.64 |
|        | 41                              | 92.60                        | 32.25 | 113.2       | 39.84 | 134.7       | 48.47 | 144.4       | 52.80 | 155.0       | 57.29 | 169.7       | 65.21 | 183.7       | 72.56 |
|        | 43                              | 92.60                        | 35.60 | 113.2       | 44.02 | 134.7       | 53.59 | 144.4       | 58.36 | 155.0       | 63.33 | 169.7       | 72.25 | 183.7       | 80.49 |
|        | 46                              | 91.00                        | 40.95 | 111.2       | 50.67 | 132.3       | 61.72 | 141.8       | 67.17 | 152.2       | 72.94 | 166.7       | 83.40 | 180.3       | 93.75 |
|        | 48                              | 84.80                        | 38.78 | 103.8       | 48.00 | 123.9       | 58.52 | 132.8       | 63.65 | 142.6       | 69.17 | 155.9       | 78.79 | 168.3       | 88.03 |
|        | 50                              | 78.80                        | 36.61 | 96.60       | 45.34 | 115.5       | 55.30 | 123.8       | 60.12 | 133.0       | 65.40 | 145.1       | 73.83 | 156.5       | 82.18 |
|        | 52                              | 72.80                        | 34.46 | 89.40       | 42.68 | 106.9       | 52.08 | 114.8       | 55.85 | 123.4       | 60.57 | 130.9       | 65.71 | 137.8       | 71.47 |
| 50     | 10                              | 77.30                        | 12.32 | 94.50       | 14.67 | 112.2       | 17.54 | 120.4       | 18.95 | 129.0       | 20.14 | 141.3       | 22.20 | 153.2       | 24.16 |
|        | 12                              | 77.30                        | 13.51 | 94.50       | 15.66 | 112.2       | 17.98 | 120.4       | 19.27 | 129.0       | 20.56 | 141.3       | 22.73 | 153.2       | 24.82 |
|        | 14                              | 77.30                        | 13.71 | 94.50       | 15.92 | 112.2       | 18.28 | 120.4       | 19.55 | 129.0       | 20.84 | 141.3       | 23.01 | 153.2       | 25.26 |
|        | 16                              | 77.30                        | 13.94 | 94.50       | 16.18 | 112.2       | 18.56 | 120.4       | 19.89 | 129.0       | 21.15 | 141.3       | 23.43 | 153.2       | 25.64 |
|        | 18                              | 77.30                        | 14.07 | 94.50       | 16.35 | 112.2       | 18.82 | 120.4       | 20.21 | 129.0       | 21.57 | 141.3       | 23.97 | 153.2       | 26.31 |
|        | 20                              | 77.30                        | 14.22 | 94.50       | 16.62 | 112.2       | 19.30 | 120.4       | 20.71 | 129.0       | 22.35 | 141.3       | 24.86 | 153.2       | 27.44 |
|        | 21                              | 77.30                        | 14.32 | 94.50       | 16.77 | 112.2       | 19.70 | 120.4       | 21.24 | 129.0       | 22.83 | 141.3       | 25.44 | 153.2       | 27.98 |
|        | 23                              | 77.30                        | 14.67 | 94.50       | 17.36 | 112.2       | 20.47 | 120.4       | 22.10 | 129.0       | 23.89 | 141.3       | 26.62 | 153.2       | 29.36 |
|        | 25                              | 77.30                        | 15.09 | 94.50       | 18.08 | 112.2       | 21.52 | 120.4       | 23.24 | 129.0       | 25.27 | 141.3       | 28.46 | 153.2       | 31.83 |
|        | 27                              | 77.30                        | 15.78 | 94.50       | 19.15 | 112.2       | 23.17 | 120.4       | 25.22 | 129.0       | 27.41 | 141.3       | 30.97 | 153.2       | 34.48 |
|        | 29                              | 77.30                        | 16.98 | 94.50       | 20.81 | 112.2       | 25.18 | 120.4       | 27.38 | 129.0       | 29.76 | 141.3       | 33.62 | 153.2       | 37.36 |
|        | 31                              | 77.30                        | 18.32 | 94.50       | 22.57 | 112.2       | 27.41 | 120.4       | 29.80 | 129.0       | 32.43 | 141.3       | 36.39 | 153.2       | 40.25 |
|        | 33                              | 77.30                        | 19.96 | 94.50       | 24.64 | 112.2       | 29.59 | 120.4       | 31.94 | 129.0       | 34.57 | 141.3       | 38.66 | 153.2       | 42.88 |
|        | 35                              | 77.30                        | 21.76 | 94.50       | 26.33 | 112.2       | 31.41 | 120.4       | 33.95 | 129.0       | 36.65 | 141.3       | 41.01 | 153.2       | 45.58 |
|        | 37                              | 77.30                        | 23.12 | 94.50       | 27.98 | 112.2       | 33.30 | 120.4       | 36.01 | 129.0       | 38.90 | 141.3       | 43.73 | 153.2       | 48.46 |
|        | 39                              | 77.30                        | 24.62 | 94.50       | 29.91 | 112.2       | 35.61 | 120.4       | 38.61 | 129.0       | 41.65 | 141.3       | 46.61 | 153.2       | 52.10 |
|        | 41                              | 77.30                        | 27.04 | 94.50       | 32.90 | 112.2       | 39.41 | 120.4       | 42.49 | 129.0       | 45.82 | 141.3       | 51.73 | 153.2       | 57.56 |
|        | 43                              | 77.30                        | 29.82 | 94.50       | 36.30 | 112.2       | 43.51 | 120.4       | 46.94 | 129.0       | 50.61 | 141.3       | 57.24 | 153.2       | 63.77 |
|        | 46                              | 75.90                        | 34.28 | 92.90       | 41.74 | 110.2       | 50.01 | 118.2       | 53.99 | 126.6       | 58.18 | 138.7       | 65.98 | 150.4       | 73.64 |
|        | 48                              | 70.70                        | 32.52 | 86.70       | 39.61 | 103.2       | 47.46 | 110.8       | 51.24 | 118.6       | 55.23 | 129.7       | 62.42 | 140.4       | 69.41 |
|        | 50                              | 65.70                        | 30.81 | 80.70       | 37.51 | 96.20       | 44.92 | 103.2       | 48.48 | 110.6       | 52.27 | 120.7       | 58.85 | 130.4       | 65.16 |
|        | 52                              | 60.70                        | 29.13 | 74.70       | 35.40 | 89.20       | 42.38 | 95.80       | 45.74 | 102.6       | 49.33 | 111.9       | 54.63 | 120.6       | 60.13 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM880LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 220.6                        | 31.02 | 269.0       | 39.36 | 305.2       | 49.24 | 320.4       | 52.90 | 336.8       | 57.12 | 355.6       | 60.64 | 368.2       | 63.24 |
|        | 12                              | 220.6                        | 32.38 | 269.0       | 41.62 | 305.2       | 52.38 | 320.4       | 55.88 | 336.8       | 60.40 | 355.6       | 63.90 | 368.2       | 66.76 |
|        | 14                              | 220.6                        | 33.66 | 269.0       | 44.04 | 305.2       | 55.64 | 320.4       | 59.44 | 336.8       | 63.62 | 355.6       | 67.40 | 368.2       | 70.72 |
|        | 16                              | 220.6                        | 35.32 | 269.0       | 46.60 | 305.2       | 59.38 | 320.4       | 63.12 | 336.8       | 67.66 | 355.6       | 71.74 | 368.2       | 75.24 |
|        | 18                              | 220.6                        | 37.42 | 269.0       | 49.86 | 305.2       | 62.98 | 320.4       | 67.68 | 336.8       | 72.48 | 355.6       | 76.50 | 368.2       | 79.60 |
|        | 20                              | 220.6                        | 39.86 | 269.0       | 53.74 | 305.2       | 67.34 | 320.4       | 73.92 | 336.8       | 78.46 | 355.6       | 83.44 | 368.2       | 85.94 |
|        | 21                              | 220.6                        | 41.24 | 269.0       | 55.80 | 305.2       | 69.16 | 320.4       | 77.38 | 336.8       | 82.02 | 355.6       | 87.16 | 368.2       | 89.68 |
|        | 23                              | 220.6                        | 44.66 | 269.0       | 59.92 | 305.2       | 73.36 | 320.4       | 84.12 | 336.8       | 90.08 | 355.6       | 94.70 | 368.2       | 97.28 |
|        | 25                              | 220.6                        | 48.46 | 269.0       | 64.04 | 305.2       | 78.34 | 320.4       | 92.58 | 336.8       | 98.44 | 355.6       | 103.2 | 368.2       | 105.9 |
|        | 27                              | 220.6                        | 52.52 | 269.0       | 68.38 | 305.2       | 84.30 | 320.4       | 102.1 | 336.8       | 107.1 | 355.6       | 112.3 | 368.2       | 115.2 |
|        | 29                              | 220.6                        | 55.98 | 269.0       | 73.02 | 305.2       | 91.72 | 320.4       | 111.4 | 336.8       | 116.8 | 355.6       | 122.1 | 368.2       | 124.9 |
|        | 31                              | 220.6                        | 59.72 | 269.0       | 77.44 | 305.2       | 98.66 | 320.4       | 114.6 | 336.8       | 120.2 | 354.2       | 125.5 | 367.4       | 128.6 |
|        | 33                              | 220.6                        | 63.66 | 269.0       | 83.16 | 305.2       | 106.3 | 320.4       | 117.6 | 336.6       | 123.5 | 350.0       | 127.5 | 354.8       | 127.8 |
|        | 35                              | 220.6                        | 67.88 | 269.0       | 88.66 | 305.2       | 115.3 | 319.6       | 120.5 | 331.6       | 124.8 | 336.4       | 125.5 | 341.6       | 125.8 |
|        | 37                              | 220.6                        | 72.40 | 269.0       | 94.50 | 304.0       | 117.8 | 315.2       | 121.4 | 318.2       | 121.9 | 322.8       | 122.5 | 328.2       | 122.7 |
|        | 39                              | 220.6                        | 77.14 | 269.0       | 101.2 | 299.6       | 116.5 | 302.4       | 116.8 | 304.8       | 117.1 | 310.0       | 117.7 | 315.4       | 118.0 |
|        | 41                              | 220.6                        | 83.92 | 264.4       | 107.5 | 283.0       | 112.7 | 285.2       | 113.0 | 288.2       | 113.4 | 293.0       | 114.0 | 297.8       | 114.3 |
|        | 43                              | 220.6                        | 90.94 | 258.0       | 107.8 | 266.6       | 109.5 | 268.8       | 109.8 | 271.8       | 110.2 | 276.8       | 110.8 | 281.0       | 111.0 |
|        | 46                              | 216.2                        | 100.4 | 234.8       | 105.2 | 239.4       | 105.6 | 241.6       | 105.9 | 244.6       | 106.2 | 249.0       | 106.8 | 253.2       | 107.1 |
|        | 48                              | 201.4                        | 101.3 | 208.2       | 103.1 | 212.4       | 103.2 | 214.4       | 103.3 | 217.2       | 104.0 | 221.0       | 104.4 | 224.6       | 104.6 |
|        | 50                              | 182.6                        | 100.0 | 182.4       | 100.5 | 186.0       | 100.4 | 187.8       | 100.4 | 190.0       | 101.1 | 193.4       | 101.3 | 196.4       | 101.6 |
|        | 52                              | 157.8                        | 94.88 | 156.0       | 94.80 | 160.0       | 92.88 | 161.4       | 92.38 | 163.4       | 92.90 | 166.4       | 92.60 | 169.0       | 92.64 |
| 120    | 10                              | 201.2                        | 28.04 | 245.2       | 35.28 | 281.4       | 44.26 | 295.6       | 49.00 | 311.2       | 52.62 | 329.4       | 55.78 | 341.0       | 58.60 |
|        | 12                              | 201.2                        | 29.28 | 245.2       | 37.20 | 281.4       | 47.04 | 295.6       | 51.50 | 311.2       | 55.90 | 329.4       | 59.58 | 341.0       | 62.38 |
|        | 14                              | 201.2                        | 30.48 | 245.2       | 39.28 | 281.4       | 50.02 | 295.6       | 54.72 | 311.2       | 59.40 | 329.4       | 63.00 | 341.0       | 65.78 |
|        | 16                              | 201.2                        | 31.58 | 245.2       | 41.48 | 281.4       | 53.16 | 295.6       | 58.14 | 311.2       | 63.02 | 329.4       | 66.72 | 341.0       | 69.86 |
|        | 18                              | 201.2                        | 33.42 | 245.2       | 44.12 | 281.4       | 56.58 | 295.6       | 61.98 | 311.2       | 67.14 | 329.4       | 71.24 | 341.0       | 74.28 |
|        | 20                              | 201.2                        | 35.36 | 245.2       | 47.44 | 281.4       | 60.30 | 295.6       | 66.38 | 311.2       | 71.60 | 329.4       | 75.68 | 341.0       | 78.58 |
|        | 21                              | 201.2                        | 36.68 | 245.2       | 49.34 | 281.4       | 62.54 | 295.6       | 68.52 | 311.2       | 73.90 | 329.4       | 78.12 | 341.0       | 81.54 |
|        | 23                              | 201.2                        | 39.78 | 245.2       | 53.44 | 281.4       | 67.32 | 295.6       | 73.12 | 311.2       | 78.96 | 329.4       | 83.24 | 341.0       | 86.22 |
|        | 25                              | 201.2                        | 43.10 | 245.2       | 58.02 | 281.4       | 71.24 | 295.6       | 77.98 | 311.2       | 84.62 | 329.4       | 89.46 | 341.0       | 92.10 |
|        | 27                              | 201.2                        | 46.86 | 245.2       | 61.98 | 281.4       | 76.36 | 295.6       | 83.44 | 311.2       | 91.20 | 329.4       | 96.00 | 341.0       | 98.74 |
|        | 29                              | 201.2                        | 50.20 | 245.2       | 66.12 | 281.4       | 80.80 | 295.6       | 89.60 | 311.2       | 97.68 | 329.4       | 103.2 | 341.0       | 105.9 |
|        | 31                              | 201.2                        | 53.52 | 245.2       | 70.58 | 281.4       | 85.50 | 295.6       | 96.56 | 311.2       | 104.9 | 329.4       | 111.0 | 341.0       | 114.0 |
|        | 33                              | 201.2                        | 57.00 | 245.2       | 75.24 | 281.4       | 91.50 | 295.6       | 105.1 | 311.2       | 113.0 | 329.4       | 119.1 | 341.0       | 122.5 |
|        | 35                              | 201.2                        | 60.68 | 245.2       | 80.24 | 281.4       | 98.24 | 295.6       | 115.1 | 311.2       | 120.8 | 329.2       | 126.7 | 334.2       | 127.5 |
|        | 37                              | 201.2                        | 65.08 | 245.2       | 85.04 | 281.4       | 105.8 | 295.6       | 117.5 | 310.2       | 122.6 | 316.0       | 123.3 | 320.4       | 123.8 |
|        | 39                              | 201.2                        | 69.82 | 245.2       | 90.42 | 281.4       | 112.2 | 295.0       | 117.3 | 298.2       | 117.9 | 303.2       | 118.1 | 307.8       | 118.6 |
|        | 41                              | 201.2                        | 76.42 | 245.2       | 99.08 | 277.2       | 112.7 | 279.2       | 113.3 | 281.4       | 113.6 | 285.8       | 113.8 | 290.4       | 114.3 |
|        | 43                              | 201.2                        | 83.46 | 244.2       | 102.2 | 261.0       | 108.9 | 263.2       | 109.5 | 265.2       | 109.8 | 269.6       | 110.0 | 274.2       | 110.6 |
|        | 46                              | 197.4                        | 93.42 | 229.8       | 102.7 | 234.4       | 104.2 | 236.2       | 104.8 | 238.4       | 105.1 | 242.6       | 105.3 | 246.8       | 105.8 |
|        | 48                              | 184.0                        | 94.46 | 204.0       | 100.8 | 208.2       | 102.4 | 209.8       | 102.8 | 211.6       | 102.9 | 215.2       | 103.2 | 219.0       | 103.4 |
|        | 50                              | 170.4                        | 95.46 | 178.6       | 98.60 | 182.2       | 100.0 | 183.6       | 100.2 | 185.2       | 100.3 | 188.6       | 100.7 | 191.8       | 100.6 |
|        | 52                              | 149.6                        | 91.90 | 152.6       | 93.98 | 156.8       | 93.60 | 158.0       | 93.38 | 159.4       | 92.96 | 162.2       | 93.06 | 165.0       | 92.62 |
| 110    | 10                              | 182.0                        | 25.42 | 222.0       | 31.46 | 258.2       | 38.98 | 271.0       | 42.96 | 290.2       | 47.50 | 302.2       | 50.68 | 319.6       | 53.24 |
|        | 12                              | 182.0                        | 26.56 | 222.0       | 33.12 | 258.2       | 41.42 | 271.0       | 45.32 | 290.2       | 50.44 | 302.2       | 54.02 | 319.6       | 56.96 |
|        | 14                              | 182.0                        | 27.40 | 222.0       | 34.86 | 258.2       | 44.14 | 271.0       | 48.46 | 290.2       | 53.98 | 302.2       | 57.70 | 319.6       | 60.80 |
|        | 16                              | 182.0                        | 28.28 | 222.0       | 36.78 | 258.2       | 46.98 | 271.0       | 51.68 | 290.2       | 57.66 | 302.2       | 61.26 | 319.6       | 64.30 |
|        | 18                              | 182.0                        | 29.70 | 222.0       | 38.98 | 258.2       | 50.50 | 271.0       | 55.42 | 290.2       | 61.46 | 302.2       | 65.28 | 319.6       | 68.40 |
|        | 20                              | 182.0                        | 31.40 | 222.0       | 41.70 | 258.2       | 54.08 | 271.0       | 58.90 | 290.2       | 65.68 | 302.2       | 69.84 | 319.6       | 72.70 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 182.0                        | 32.42 | 222.0       | 43.22 | 258.2       | 55.84 | 271.0       | 61.02 | 290.2       | 67.98 | 302.2       | 71.92 | 319.6       | 75.04 |
|        | 23                              | 182.0                        | 35.02 | 222.0       | 46.92 | 258.2       | 60.14 | 271.0       | 65.04 | 290.2       | 72.14 | 302.2       | 76.14 | 319.6       | 79.42 |
|        | 25                              | 182.0                        | 38.06 | 222.0       | 50.72 | 258.2       | 63.82 | 271.0       | 69.12 | 290.2       | 76.56 | 302.2       | 80.62 | 319.6       | 84.86 |
|        | 27                              | 182.0                        | 41.32 | 222.0       | 54.70 | 258.2       | 67.98 | 271.0       | 73.44 | 290.2       | 80.88 | 302.2       | 85.58 | 319.6       | 90.64 |
|        | 29                              | 182.0                        | 44.78 | 222.0       | 58.38 | 258.2       | 72.10 | 271.0       | 78.32 | 290.2       | 86.30 | 302.2       | 90.94 | 319.6       | 96.00 |
|        | 31                              | 182.0                        | 47.64 | 222.0       | 62.24 | 258.2       | 76.48 | 271.0       | 83.24 | 290.2       | 92.14 | 302.2       | 96.64 | 319.6       | 101.9 |
|        | 33                              | 182.0                        | 50.80 | 222.0       | 66.30 | 258.2       | 81.12 | 271.0       | 88.46 | 290.2       | 98.60 | 302.2       | 102.9 | 319.6       | 108.1 |
|        | 35                              | 182.0                        | 54.04 | 222.0       | 70.78 | 258.2       | 86.06 | 271.0       | 94.10 | 290.2       | 105.4 | 302.2       | 109.4 | 319.4       | 114.8 |
|        | 37                              | 182.0                        | 57.40 | 222.0       | 75.26 | 258.2       | 91.32 | 271.0       | 100.9 | 290.2       | 112.6 | 302.2       | 116.3 | 312.6       | 118.4 |
|        | 39                              | 182.0                        | 61.66 | 222.0       | 80.10 | 258.2       | 97.94 | 271.0       | 107.9 | 290.2       | 117.0 | 294.4       | 117.2 | 300.2       | 117.7 |
|        | 41                              | 182.0                        | 67.52 | 222.0       | 87.00 | 258.2       | 105.3 | 271.0       | 116.9 | 274.8       | 117.7 | 279.0       | 118.2 | 283.0       | 118.8 |
|        | 43                              | 182.0                        | 72.94 | 222.0       | 93.54 | 254.6       | 111.7 | 257.0       | 112.5 | 258.8       | 112.4 | 263.0       | 112.7 | 266.8       | 112.9 |
|        | 46                              | 178.4                        | 76.74 | 218.0       | 95.86 | 228.4       | 105.7 | 230.6       | 105.7 | 232.2       | 106.2 | 236.4       | 106.6 | 239.6       | 106.7 |
|        | 48                              | 166.4                        | 77.78 | 199.6       | 95.64 | 202.8       | 101.8 | 205.0       | 102.3 | 206.4       | 102.5 | 209.8       | 102.7 | 213.0       | 103.0 |
|        | 50                              | 154.4                        | 78.56 | 175.2       | 92.32 | 177.6       | 97.44 | 179.4       | 98.30 | 180.8       | 98.32 | 183.8       | 98.30 | 186.6       | 98.64 |
|        | 52                              | 141.2                        | 77.46 | 149.4       | 86.82 | 152.6       | 89.82 | 154.4       | 90.80 | 155.6       | 90.24 | 157.8       | 89.76 | 160.6       | 89.74 |
| 100    | 10                              | 158.0                        | 23.08 | 193.0       | 28.20 | 229.8       | 34.44 | 246.4       | 37.72 | 264.0       | 41.40 | 287.2       | 46.24 | 296.6       | 48.02 |
|        | 12                              | 158.0                        | 24.08 | 193.0       | 29.78 | 229.8       | 36.36 | 246.4       | 39.70 | 264.0       | 43.78 | 287.2       | 49.56 | 296.6       | 51.56 |
|        | 14                              | 158.0                        | 24.74 | 193.0       | 31.12 | 229.8       | 38.64 | 246.4       | 42.28 | 264.0       | 46.64 | 287.2       | 53.18 | 296.6       | 55.32 |
|        | 16                              | 158.0                        | 25.34 | 193.0       | 32.46 | 229.8       | 40.94 | 246.4       | 45.14 | 264.0       | 50.04 | 287.2       | 56.84 | 296.6       | 59.32 |
|        | 18                              | 158.0                        | 26.32 | 193.0       | 34.34 | 229.8       | 43.42 | 246.4       | 48.04 | 264.0       | 53.90 | 287.2       | 60.76 | 296.6       | 63.06 |
|        | 20                              | 158.0                        | 27.74 | 193.0       | 36.36 | 229.8       | 46.60 | 246.4       | 51.96 | 264.0       | 57.98 | 287.2       | 64.72 | 296.6       | 67.34 |
|        | 21                              | 158.0                        | 28.60 | 193.0       | 37.56 | 229.8       | 48.44 | 246.4       | 54.12 | 264.0       | 60.44 | 287.2       | 66.90 | 296.6       | 69.42 |
|        | 23                              | 158.0                        | 30.80 | 193.0       | 40.66 | 229.8       | 52.58 | 246.4       | 58.68 | 264.0       | 65.16 | 287.2       | 70.78 | 296.6       | 73.30 |
|        | 25                              | 158.0                        | 33.28 | 193.0       | 44.08 | 229.8       | 56.96 | 246.4       | 63.18 | 264.0       | 69.68 | 287.2       | 74.54 | 296.6       | 77.54 |
|        | 27                              | 158.0                        | 36.14 | 193.0       | 47.94 | 229.8       | 60.86 | 246.4       | 67.44 | 264.0       | 74.56 | 287.2       | 80.10 | 296.6       | 82.60 |
|        | 29                              | 158.0                        | 39.28 | 193.0       | 51.14 | 229.8       | 64.96 | 246.4       | 72.00 | 264.0       | 79.14 | 287.2       | 85.10 | 296.6       | 88.14 |
|        | 31                              | 158.0                        | 42.20 | 193.0       | 54.54 | 229.8       | 69.26 | 246.4       | 76.80 | 264.0       | 83.66 | 287.2       | 90.18 | 296.6       | 93.44 |
|        | 33                              | 158.0                        | 44.84 | 193.0       | 58.12 | 229.8       | 73.88 | 246.4       | 81.94 | 264.0       | 87.82 | 287.2       | 95.58 | 296.6       | 99.04 |
|        | 35                              | 158.0                        | 47.74 | 193.0       | 61.90 | 229.8       | 78.72 | 246.4       | 87.38 | 264.0       | 93.02 | 286.4       | 101.2 | 296.4       | 104.6 |
|        | 37                              | 158.0                        | 51.04 | 193.0       | 66.24 | 229.8       | 83.64 | 246.4       | 92.30 | 264.0       | 99.20 | 283.6       | 107.0 | 293.2       | 110.2 |
|        | 39                              | 158.0                        | 54.62 | 193.0       | 70.96 | 229.8       | 88.90 | 246.4       | 97.58 | 264.0       | 105.3 | 281.0       | 110.5 | 289.8       | 113.0 |
|        | 41                              | 158.0                        | 59.26 | 193.0       | 77.06 | 229.8       | 95.84 | 246.4       | 104.9 | 264.0       | 111.1 | 270.2       | 112.4 | 275.2       | 113.1 |
|        | 43                              | 158.0                        | 64.74 | 193.0       | 84.26 | 229.8       | 102.2 | 246.4       | 111.4 | 249.8       | 112.4 | 254.2       | 112.7 | 257.8       | 113.3 |
|        | 46                              | 155.0                        | 72.46 | 189.6       | 93.70 | 221.8       | 109.5 | 223.0       | 113.0 | 224.2       | 113.3 | 228.2       | 113.5 | 231.4       | 114.1 |
|        | 48                              | 144.8                        | 68.22 | 177.4       | 88.12 | 196.8       | 98.72 | 198.0       | 101.3 | 199.2       | 101.4 | 202.6       | 101.6 | 205.8       | 102.1 |
|        | 50                              | 134.8                        | 63.98 | 163.6       | 81.30 | 171.6       | 87.14 | 173.8       | 88.74 | 174.4       | 88.90 | 177.6       | 88.94 | 180.2       | 89.26 |
|        | 52                              | 124.6                        | 58.18 | 141.8       | 69.42 | 145.8       | 73.14 | 149.0       | 73.24 | 150.0       | 72.90 | 153.0       | 72.40 | 155.2       | 72.10 |
| 90     | 10                              | 142.2                        | 21.52 | 173.8       | 25.82 | 206.8       | 30.96 | 221.8       | 33.68 | 237.4       | 36.78 | 260.2       | 41.00 | 281.6       | 44.80 |
|        | 12                              | 142.2                        | 21.86 | 173.8       | 26.72 | 206.8       | 32.28 | 221.8       | 35.22 | 237.4       | 38.56 | 260.2       | 42.96 | 281.6       | 47.32 |
|        | 14                              | 142.2                        | 22.22 | 173.8       | 27.38 | 206.8       | 33.46 | 221.8       | 36.86 | 237.4       | 40.40 | 260.2       | 45.04 | 281.6       | 49.62 |
|        | 16                              | 142.2                        | 22.66 | 173.8       | 27.94 | 206.8       | 34.98 | 221.8       | 38.46 | 237.4       | 42.38 | 260.2       | 47.30 | 281.6       | 52.02 |
|        | 18                              | 142.2                        | 23.00 | 173.8       | 29.26 | 206.8       | 36.52 | 221.8       | 40.30 | 237.4       | 44.34 | 260.2       | 49.78 | 281.6       | 55.42 |
|        | 20                              | 142.2                        | 24.04 | 173.8       | 30.64 | 206.8       | 38.44 | 221.8       | 42.34 | 237.4       | 47.10 | 260.2       | 53.62 | 281.6       | 59.20 |
|        | 21                              | 142.2                        | 24.56 | 173.8       | 31.38 | 206.8       | 39.62 | 221.8       | 43.98 | 237.4       | 49.14 | 260.2       | 55.24 | 281.6       | 61.04 |
|        | 23                              | 142.2                        | 25.82 | 173.8       | 33.44 | 206.8       | 43.00 | 221.8       | 47.80 | 237.4       | 53.28 | 260.2       | 59.48 | 281.6       | 65.54 |
|        | 25                              | 142.2                        | 27.74 | 173.8       | 36.26 | 206.8       | 46.72 | 221.8       | 52.00 | 237.4       | 57.44 | 260.2       | 63.86 | 281.6       | 69.66 |
|        | 27                              | 142.2                        | 30.04 | 173.8       | 39.48 | 206.8       | 50.24 | 221.8       | 55.48 | 237.4       | 61.38 | 260.2       | 67.96 | 281.6       | 74.44 |
|        | 29                              | 142.2                        | 32.58 | 173.8       | 42.60 | 206.8       | 53.68 | 221.8       | 59.24 | 237.4       | 65.52 | 260.2       | 72.16 | 281.6       | 78.92 |
|        | 31                              | 142.2                        | 35.46 | 173.8       | 45.42 | 206.8       | 57.18 | 221.8       | 63.12 | 237.4       | 69.86 | 260.2       | 76.28 | 281.6       | 83.62 |
|        | 33                              | 142.2                        | 37.76 | 173.8       | 48.40 | 206.8       | 60.98 | 221.8       | 67.28 | 237.4       | 74.28 | 260.2       | 80.56 | 280.6       | 88.28 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 142.2                        | 40.12 | 173.8       | 51.44 | 206.8       | 64.92 | 221.8       | 71.76 | 237.4       | 78.96 | 260.2       | 86.38 | 278.2       | 93.70 |
|        | 37                              | 142.2                        | 42.66 | 173.8       | 54.78 | 206.8       | 69.24 | 221.8       | 76.36 | 237.4       | 83.76 | 260.2       | 92.00 | 275.6       | 98.90 |
|        | 39                              | 142.2                        | 45.32 | 173.8       | 58.34 | 206.8       | 73.52 | 221.8       | 81.38 | 237.4       | 88.68 | 260.2       | 98.56 | 273.2       | 103.6 |
|        | 41                              | 142.2                        | 50.88 | 173.8       | 65.08 | 206.8       | 81.48 | 221.8       | 90.02 | 237.4       | 96.66 | 259.0       | 104.9 | 266.8       | 108.3 |
|        | 43                              | 142.2                        | 55.90 | 173.8       | 71.54 | 206.8       | 90.12 | 221.8       | 97.52 | 237.4       | 103.5 | 251.2       | 110.0 | 253.8       | 110.8 |
|        | 46                              | 139.6                        | 64.40 | 170.8       | 82.98 | 203.2       | 102.4 | 217.2       | 110.3 | 221.0       | 112.2 | 225.2       | 113.6 | 227.8       | 114.2 |
|        | 48                              | 130.4                        | 61.10 | 159.8       | 78.82 | 188.6       | 96.14 | 195.0       | 100.6 | 196.2       | 101.5 | 200.2       | 101.7 | 202.4       | 102.2 |
|        | 50                              | 121.4                        | 57.78 | 149.0       | 74.06 | 167.6       | 86.62 | 173.2       | 90.26 | 172.2       | 90.14 | 175.6       | 89.10 | 177.4       | 89.50 |
|        | 52                              | 112.2                        | 54.46 | 134.6       | 66.42 | 145.4       | 75.06 | 150.8       | 77.38 | 147.6       | 75.70 | 150.8       | 72.92 | 152.8       | 72.86 |
| 80     | 10                              | 126.2                        | 19.98 | 154.4       | 23.88 | 183.6       | 28.20 | 197.2       | 30.50 | 211.6       | 33.00 | 231.4       | 37.16 | 250.4       | 40.20 |
|        | 12                              | 126.2                        | 20.30 | 154.4       | 24.58 | 183.6       | 29.32 | 197.2       | 31.76 | 211.6       | 34.40 | 231.4       | 38.76 | 250.4       | 41.98 |
|        | 14                              | 126.2                        | 20.56 | 154.4       | 25.08 | 183.6       | 30.10 | 197.2       | 32.68 | 211.6       | 35.60 | 231.4       | 40.50 | 250.4       | 43.90 |
|        | 16                              | 126.2                        | 20.82 | 154.4       | 25.48 | 183.6       | 31.06 | 197.2       | 33.98 | 211.6       | 37.34 | 231.4       | 42.30 | 250.4       | 45.96 |
|        | 18                              | 126.2                        | 21.28 | 154.4       | 26.26 | 183.6       | 32.46 | 197.2       | 35.58 | 211.6       | 39.02 | 231.4       | 44.12 | 250.4       | 48.06 |
|        | 20                              | 126.2                        | 21.92 | 154.4       | 27.40 | 183.6       | 34.08 | 197.2       | 37.34 | 211.6       | 41.02 | 231.4       | 46.80 | 250.4       | 51.62 |
|        | 21                              | 126.2                        | 22.30 | 154.4       | 28.08 | 183.6       | 34.90 | 197.2       | 38.30 | 211.6       | 42.36 | 231.4       | 48.70 | 250.4       | 53.34 |
|        | 23                              | 126.2                        | 23.34 | 154.4       | 29.44 | 183.6       | 37.24 | 197.2       | 41.42 | 211.6       | 45.92 | 231.4       | 52.18 | 250.4       | 57.06 |
|        | 25                              | 126.2                        | 24.76 | 154.4       | 31.92 | 183.6       | 40.60 | 197.2       | 44.90 | 211.6       | 49.94 | 231.4       | 56.68 | 250.4       | 61.62 |
|        | 27                              | 126.2                        | 26.82 | 154.4       | 34.62 | 183.6       | 44.28 | 197.2       | 48.64 | 211.6       | 53.48 | 231.4       | 60.32 | 250.4       | 65.18 |
|        | 29                              | 126.2                        | 29.14 | 154.4       | 37.70 | 183.6       | 47.12 | 197.2       | 51.82 | 211.6       | 57.08 | 231.4       | 64.50 | 250.4       | 68.86 |
|        | 31                              | 126.2                        | 31.68 | 154.4       | 40.34 | 183.6       | 50.26 | 197.2       | 55.26 | 211.6       | 60.80 | 231.4       | 68.58 | 250.4       | 72.72 |
|        | 33                              | 126.2                        | 34.00 | 154.4       | 43.06 | 183.6       | 53.56 | 197.2       | 58.92 | 211.6       | 64.80 | 231.4       | 72.62 | 250.4       | 76.76 |
|        | 35                              | 126.2                        | 36.12 | 154.4       | 45.74 | 183.6       | 57.06 | 197.2       | 62.74 | 211.6       | 69.14 | 231.4       | 77.16 | 250.4       | 81.96 |
|        | 37                              | 126.2                        | 38.32 | 154.4       | 48.68 | 183.6       | 60.68 | 197.2       | 66.82 | 211.6       | 73.56 | 231.4       | 81.80 | 250.4       | 87.28 |
|        | 39                              | 126.2                        | 40.64 | 154.4       | 51.66 | 183.6       | 64.82 | 197.2       | 71.60 | 211.6       | 78.82 | 231.4       | 86.82 | 250.4       | 93.46 |
|        | 41                              | 126.2                        | 45.34 | 154.4       | 57.66 | 183.6       | 71.90 | 197.2       | 79.36 | 211.6       | 87.50 | 231.4       | 95.20 | 250.0       | 102.2 |
|        | 43                              | 126.2                        | 50.46 | 154.4       | 63.80 | 183.6       | 79.50 | 197.2       | 87.68 | 211.6       | 96.36 | 231.4       | 102.5 | 244.0       | 107.8 |
|        | 46                              | 124.0                        | 57.74 | 151.6       | 73.54 | 180.4       | 91.12 | 193.6       | 98.88 | 207.8       | 109.0 | 221.6       | 113.7 | 224.4       | 114.3 |
|        | 48                              | 115.8                        | 54.70 | 142.0       | 69.76 | 169.2       | 86.24 | 181.6       | 93.50 | 189.6       | 100.8 | 197.0       | 101.8 | 199.4       | 102.3 |
|        | 50                              | 107.8                        | 51.66 | 132.4       | 65.96 | 158.0       | 81.00 | 163.2       | 84.92 | 168.6       | 90.70 | 172.8       | 89.20 | 174.8       | 89.58 |
|        | 52                              | 99.60                        | 48.62 | 122.6       | 60.58 | 136.8       | 69.98 | 141.8       | 73.28 | 146.8       | 78.16 | 148.0       | 73.60 | 150.2       | 73.52 |
| 70     | 10                              | 110.6                        | 17.34 | 135.2       | 21.20 | 160.6       | 24.52 | 172.4       | 26.42 | 185.0       | 28.34 | 202.4       | 31.72 | 219.0       | 34.94 |
|        | 12                              | 110.6                        | 17.96 | 135.2       | 21.46 | 160.6       | 25.50 | 172.4       | 27.38 | 185.0       | 29.50 | 202.4       | 32.98 | 219.0       | 36.36 |
|        | 14                              | 110.6                        | 18.22 | 135.2       | 21.82 | 160.6       | 25.98 | 172.4       | 28.00 | 185.0       | 30.28 | 202.4       | 34.04 | 219.0       | 37.58 |
|        | 16                              | 110.6                        | 18.50 | 135.2       | 22.20 | 160.6       | 26.46 | 172.4       | 28.72 | 185.0       | 31.30 | 202.4       | 35.38 | 219.0       | 39.20 |
|        | 18                              | 110.6                        | 18.76 | 135.2       | 22.64 | 160.6       | 27.58 | 172.4       | 30.06 | 185.0       | 32.72 | 202.4       | 36.90 | 219.0       | 40.86 |
|        | 20                              | 110.6                        | 19.08 | 135.2       | 23.56 | 160.6       | 28.74 | 172.4       | 31.48 | 185.0       | 34.38 | 202.4       | 38.74 | 219.0       | 43.36 |
|        | 21                              | 110.6                        | 19.54 | 135.2       | 24.06 | 160.6       | 29.46 | 172.4       | 32.26 | 185.0       | 35.22 | 202.4       | 39.94 | 219.0       | 44.68 |
|        | 23                              | 110.6                        | 20.30 | 135.2       | 25.24 | 160.6       | 31.00 | 172.4       | 34.20 | 185.0       | 37.80 | 202.4       | 43.22 | 219.0       | 48.02 |
|        | 25                              | 110.6                        | 21.18 | 135.2       | 26.88 | 160.6       | 33.72 | 172.4       | 37.26 | 185.0       | 40.98 | 202.4       | 46.94 | 219.0       | 51.48 |
|        | 27                              | 110.6                        | 22.78 | 135.2       | 29.24 | 160.6       | 36.62 | 172.4       | 40.34 | 185.0       | 44.70 | 202.4       | 50.74 | 219.0       | 55.16 |
|        | 29                              | 110.6                        | 24.84 | 135.2       | 31.76 | 160.6       | 39.70 | 172.4       | 43.38 | 185.0       | 47.56 | 202.4       | 54.14 | 219.0       | 59.00 |
|        | 31                              | 110.6                        | 27.02 | 135.2       | 34.52 | 160.6       | 42.34 | 172.4       | 46.34 | 185.0       | 50.74 | 202.4       | 57.72 | 219.0       | 62.72 |
|        | 33                              | 110.6                        | 29.30 | 135.2       | 36.60 | 160.6       | 45.04 | 172.4       | 49.26 | 185.0       | 54.00 | 202.4       | 61.46 | 219.0       | 66.82 |
|        | 35                              | 110.6                        | 31.18 | 135.2       | 39.04 | 160.6       | 47.96 | 172.4       | 52.46 | 185.0       | 57.54 | 202.4       | 65.52 | 219.0       | 71.02 |
|        | 37                              | 110.6                        | 33.16 | 135.2       | 41.44 | 160.6       | 51.02 | 172.4       | 55.88 | 185.0       | 61.30 | 202.4       | 69.80 | 219.0       | 75.26 |
|        | 39                              | 110.6                        | 35.24 | 135.2       | 44.20 | 160.6       | 54.52 | 172.4       | 59.90 | 185.0       | 65.86 | 202.4       | 74.60 | 219.0       | 80.80 |
|        | 41                              | 110.6                        | 39.28 | 135.2       | 48.98 | 160.6       | 60.42 | 172.4       | 66.40 | 185.0       | 72.62 | 202.4       | 82.88 | 219.0       | 88.78 |
|        | 43                              | 110.6                        | 43.40 | 135.2       | 54.14 | 160.6       | 66.78 | 172.4       | 73.36 | 185.0       | 80.28 | 202.4       | 91.78 | 219.0       | 97.72 |
|        | 46                              | 108.6                        | 49.60 | 132.8       | 62.30 | 157.8       | 76.92 | 169.4       | 83.90 | 181.8       | 91.84 | 198.8       | 104.5 | 215.0       | 109.7 |
|        | 48                              | 101.4                        | 47.06 | 124.4       | 59.14 | 148.0       | 73.12 | 159.0       | 79.78 | 170.6       | 87.02 | 186.2       | 98.56 | 198.4       | 101.7 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 94.40                        | 44.52 | 115.8       | 55.96 | 138.2       | 69.32 | 148.4       | 74.78 | 158.0       | 81.18 | 166.8       | 89.22 | 176.2       | 90.60 |
|        | 52                              | 87.40                        | 41.98 | 107.4       | 52.80 | 128.4       | 63.44 | 132.8       | 66.36 | 137.0       | 70.18 | 145.0       | 77.20 | 153.2       | 76.96 |
| 60     | 10                              | 94.60                        | 14.68 | 115.8       | 18.16 | 137.8       | 21.34 | 147.8       | 22.76 | 158.6       | 24.18 | 173.6       | 26.86 | 187.8       | 29.48 |
|        | 12                              | 94.60                        | 15.74 | 115.8       | 18.52 | 137.8       | 21.72 | 147.8       | 23.44 | 158.6       | 25.04 | 173.6       | 27.80 | 187.8       | 30.58 |
|        | 14                              | 94.60                        | 15.90 | 115.8       | 18.80 | 137.8       | 22.18 | 147.8       | 23.86 | 158.6       | 25.58 | 173.6       | 28.48 | 187.8       | 31.42 |
|        | 16                              | 94.60                        | 16.16 | 115.8       | 19.16 | 137.8       | 22.46 | 147.8       | 24.24 | 158.6       | 26.16 | 173.6       | 29.12 | 187.8       | 32.24 |
|        | 18                              | 94.60                        | 16.42 | 115.8       | 19.52 | 137.8       | 23.00 | 147.8       | 25.00 | 158.6       | 27.10 | 173.6       | 30.34 | 187.8       | 33.62 |
|        | 20                              | 94.60                        | 16.66 | 115.8       | 19.96 | 137.8       | 23.98 | 147.8       | 26.04 | 158.6       | 28.32 | 173.6       | 31.76 | 187.8       | 35.32 |
|        | 21                              | 94.60                        | 16.82 | 115.8       | 20.30 | 137.8       | 24.62 | 147.8       | 26.70 | 158.6       | 29.04 | 173.6       | 32.62 | 187.8       | 36.12 |
|        | 23                              | 94.60                        | 17.44 | 115.8       | 21.30 | 137.8       | 25.76 | 147.8       | 28.06 | 158.6       | 30.60 | 173.6       | 34.64 | 187.8       | 38.90 |
|        | 25                              | 94.60                        | 18.20 | 115.8       | 22.36 | 137.8       | 27.44 | 147.8       | 30.14 | 158.6       | 33.10 | 173.6       | 37.70 | 187.8       | 42.18 |
|        | 27                              | 94.60                        | 19.26 | 115.8       | 24.04 | 137.8       | 29.80 | 147.8       | 32.70 | 158.6       | 35.90 | 173.6       | 40.82 | 187.8       | 45.82 |
|        | 29                              | 94.60                        | 20.86 | 115.8       | 26.22 | 137.8       | 32.46 | 147.8       | 35.60 | 158.6       | 39.06 | 173.6       | 44.04 | 187.8       | 49.18 |
|        | 31                              | 94.60                        | 22.76 | 115.8       | 28.60 | 137.8       | 35.12 | 147.8       | 38.24 | 158.6       | 41.60 | 173.6       | 46.96 | 187.8       | 52.38 |
|        | 33                              | 94.60                        | 24.78 | 115.8       | 30.82 | 137.8       | 37.34 | 147.8       | 40.64 | 158.6       | 44.32 | 173.6       | 49.98 | 187.8       | 55.86 |
|        | 35                              | 94.60                        | 26.56 | 115.8       | 32.80 | 137.8       | 39.74 | 147.8       | 43.24 | 158.6       | 47.12 | 173.6       | 53.26 | 187.8       | 59.44 |
|        | 37                              | 94.60                        | 28.14 | 115.8       | 34.72 | 137.8       | 42.22 | 147.8       | 46.00 | 158.6       | 50.10 | 173.6       | 56.64 | 187.8       | 63.28 |
|        | 39                              | 94.60                        | 30.08 | 115.8       | 37.02 | 137.8       | 45.36 | 147.8       | 49.24 | 158.6       | 53.72 | 173.6       | 60.62 | 187.8       | 67.70 |
|        | 41                              | 94.60                        | 33.12 | 115.8       | 40.96 | 137.8       | 49.96 | 147.8       | 54.46 | 158.6       | 59.16 | 173.6       | 67.26 | 187.8       | 74.76 |
|        | 43                              | 94.60                        | 36.52 | 115.8       | 45.22 | 137.8       | 55.18 | 147.8       | 60.14 | 158.6       | 65.32 | 173.6       | 74.44 | 187.8       | 82.84 |
|        | 46                              | 93.00                        | 41.94 | 113.8       | 52.00 | 135.4       | 63.48 | 145.2       | 69.12 | 155.8       | 75.14 | 170.6       | 85.82 | 184.4       | 96.36 |
|        | 48                              | 86.80                        | 39.84 | 106.4       | 49.42 | 127.0       | 60.40 | 136.2       | 65.74 | 146.2       | 71.52 | 159.8       | 81.38 | 172.4       | 90.58 |
|        | 50                              | 80.80                        | 37.74 | 99.20       | 46.86 | 118.6       | 57.30 | 127.2       | 62.36 | 136.6       | 67.92 | 149.0       | 76.24 | 160.6       | 84.58 |
|        | 52                              | 74.80                        | 35.68 | 92.00       | 44.30 | 110.0       | 54.22 | 118.2       | 57.48 | 127.0       | 62.22 | 134.2       | 68.06 | 141.2       | 73.90 |
| 50     | 10                              | 79.00                        | 12.42 | 96.60       | 15.02 | 114.8       | 17.96 | 123.2       | 19.32 | 132.0       | 20.48 | 144.6       | 22.52 | 156.6       | 24.50 |
|        | 12                              | 79.00                        | 13.68 | 96.60       | 15.88 | 114.8       | 18.26 | 123.2       | 19.60 | 132.0       | 20.94 | 144.6       | 23.12 | 156.6       | 25.30 |
|        | 14                              | 79.00                        | 13.84 | 96.60       | 16.14 | 114.8       | 18.60 | 123.2       | 19.88 | 132.0       | 21.22 | 144.6       | 23.42 | 156.6       | 25.72 |
|        | 16                              | 79.00                        | 14.10 | 96.60       | 16.40 | 114.8       | 18.88 | 123.2       | 20.22 | 132.0       | 21.58 | 144.6       | 23.88 | 156.6       | 26.10 |
|        | 18                              | 79.00                        | 14.20 | 96.60       | 16.58 | 114.8       | 19.14 | 123.2       | 20.58 | 132.0       | 21.96 | 144.6       | 24.50 | 156.6       | 26.96 |
|        | 20                              | 79.00                        | 14.36 | 96.60       | 16.84 | 114.8       | 19.72 | 123.2       | 21.22 | 132.0       | 22.92 | 144.6       | 25.52 | 156.6       | 28.20 |
|        | 21                              | 79.00                        | 14.48 | 96.60       | 17.04 | 114.8       | 20.16 | 123.2       | 21.78 | 132.0       | 23.44 | 144.6       | 26.14 | 156.6       | 28.78 |
|        | 23                              | 79.00                        | 14.86 | 96.60       | 17.70 | 114.8       | 20.98 | 123.2       | 22.72 | 132.0       | 24.62 | 144.6       | 27.44 | 156.6       | 30.24 |
|        | 25                              | 79.00                        | 15.36 | 96.60       | 18.48 | 114.8       | 22.16 | 123.2       | 23.98 | 132.0       | 26.08 | 144.6       | 29.38 | 156.6       | 32.80 |
|        | 27                              | 79.00                        | 16.10 | 96.60       | 19.60 | 114.8       | 23.88 | 123.2       | 25.98 | 132.0       | 28.30 | 144.6       | 31.98 | 156.6       | 35.62 |
|        | 29                              | 79.00                        | 17.34 | 96.60       | 21.38 | 114.8       | 25.98 | 123.2       | 28.30 | 132.0       | 30.82 | 144.6       | 34.80 | 156.6       | 38.62 |
|        | 31                              | 79.00                        | 18.78 | 96.60       | 23.20 | 114.8       | 28.30 | 123.2       | 30.82 | 132.0       | 33.54 | 144.6       | 37.48 | 156.6       | 41.42 |
|        | 33                              | 79.00                        | 20.50 | 96.60       | 25.42 | 114.8       | 30.38 | 123.2       | 32.90 | 132.0       | 35.64 | 144.6       | 39.84 | 156.6       | 44.14 |
|        | 35                              | 79.00                        | 22.24 | 96.60       | 26.98 | 114.8       | 32.34 | 123.2       | 34.98 | 132.0       | 37.80 | 144.6       | 42.28 | 156.6       | 46.94 |
|        | 37                              | 79.00                        | 23.72 | 96.60       | 28.76 | 114.8       | 34.30 | 123.2       | 37.12 | 132.0       | 40.14 | 144.6       | 45.08 | 156.6       | 49.92 |
|        | 39                              | 79.00                        | 25.28 | 96.60       | 30.74 | 114.8       | 36.68 | 123.2       | 39.80 | 132.0       | 42.98 | 144.6       | 48.06 | 156.6       | 53.66 |
|        | 41                              | 79.00                        | 27.76 | 96.60       | 33.78 | 114.8       | 40.56 | 123.2       | 43.76 | 132.0       | 47.24 | 144.6       | 53.28 | 156.6       | 59.22 |
|        | 43                              | 79.00                        | 30.60 | 96.60       | 37.24 | 114.8       | 44.74 | 123.2       | 48.30 | 132.0       | 52.14 | 144.6       | 58.90 | 156.6       | 65.54 |
|        | 46                              | 77.60                        | 35.16 | 95.00       | 42.80 | 112.8       | 51.38 | 121.0       | 55.50 | 129.6       | 59.86 | 142.0       | 67.82 | 153.8       | 75.60 |
|        | 48                              | 72.40                        | 33.48 | 88.80       | 40.74 | 105.8       | 48.92 | 113.6       | 52.86 | 121.6       | 57.02 | 133.0       | 64.38 | 143.8       | 71.50 |
|        | 50                              | 67.40                        | 31.86 | 82.80       | 38.72 | 98.80       | 46.48 | 106.0       | 50.20 | 113.6       | 54.18 | 124.0       | 60.94 | 133.8       | 67.40 |
|        | 52                              | 62.40                        | 30.28 | 76.80       | 36.70 | 91.80       | 44.04 | 98.60       | 47.58 | 105.6       | 51.38 | 115.2       | 56.22 | 124.0       | 61.76 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM900LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 237.9                        | 35.95 | 286.5       | 44.65 | 315.5       | 53.59 | 327.7       | 56.01 | 340.5       | 58.35 | 358.3       | 60.35 | 369.2       | 61.77 |
|        | 12                               | 237.9                        | 37.13 | 286.5       | 46.68 | 315.5       | 56.35 | 327.7       | 58.30 | 340.5       | 60.80 | 358.3       | 62.79 | 369.2       | 64.50 |
|        | 14                               | 237.9                        | 38.47 | 286.5       | 48.83 | 315.5       | 59.12 | 327.7       | 61.24 | 340.5       | 63.59 | 358.3       | 65.72 | 369.2       | 67.67 |
|        | 16                               | 237.9                        | 40.09 | 286.5       | 51.03 | 315.5       | 62.39 | 327.7       | 64.56 | 340.5       | 67.09 | 358.3       | 69.43 | 369.2       | 71.45 |
|        | 18                               | 237.9                        | 42.08 | 286.5       | 54.27 | 315.5       | 65.69 | 327.7       | 68.77 | 340.5       | 71.45 | 358.3       | 73.81 | 369.2       | 75.61 |
|        | 20                               | 237.9                        | 44.33 | 286.5       | 58.13 | 315.5       | 69.56 | 327.7       | 75.39 | 340.5       | 77.97 | 358.3       | 81.42 | 369.2       | 82.93 |
|        | 21                               | 237.9                        | 45.66 | 286.5       | 60.25 | 315.5       | 71.22 | 327.7       | 79.35 | 340.5       | 82.00 | 358.3       | 85.82 | 369.2       | 87.35 |
|        | 23                               | 237.9                        | 49.20 | 286.5       | 63.99 | 315.5       | 75.22 | 327.7       | 86.93 | 340.5       | 90.85 | 358.3       | 94.66 | 369.2       | 96.24 |
|        | 25                               | 237.9                        | 52.93 | 286.5       | 68.02 | 315.5       | 80.36 | 327.7       | 96.65 | 340.5       | 100.8 | 358.3       | 104.7 | 369.2       | 106.3 |
|        | 27                               | 237.9                        | 56.97 | 286.5       | 72.67 | 315.5       | 86.59 | 327.7       | 107.4 | 340.5       | 111.0 | 358.3       | 115.3 | 369.2       | 117.3 |
|        | 29                               | 237.9                        | 60.71 | 286.5       | 77.65 | 315.5       | 94.47 | 327.7       | 118.6 | 340.5       | 122.4 | 358.3       | 126.9 | 369.2       | 128.4 |
|        | 31                               | 237.9                        | 64.77 | 286.5       | 82.19 | 315.5       | 101.9 | 327.7       | 120.8 | 340.5       | 124.8 | 356.3       | 128.9 | 368.0       | 130.7 |
|        | 33                               | 237.9                        | 69.03 | 286.5       | 88.46 | 315.5       | 110.3 | 327.7       | 122.6 | 340.2       | 126.7 | 351.9       | 129.3 | 358.9       | 129.7 |
|        | 35                               | 237.9                        | 73.60 | 286.5       | 94.29 | 315.5       | 120.6 | 326.6       | 124.0 | 335.4       | 126.5 | 342.4       | 127.4 | 350.0       | 127.8 |
|        | 37                               | 237.9                        | 78.50 | 286.5       | 100.4 | 313.8       | 121.5 | 321.6       | 123.6 | 325.9       | 124.2 | 332.8       | 125.1 | 340.6       | 125.4 |
|        | 39                               | 237.9                        | 83.61 | 286.5       | 107.6 | 308.7       | 120.0 | 313.0       | 120.4 | 316.4       | 121.0 | 324.1       | 121.9 | 331.9       | 122.2 |
|        | 41                               | 237.9                        | 91.48 | 279.8       | 115.0 | 294.0       | 117.9 | 297.4       | 118.3 | 301.9       | 118.9 | 309.0       | 119.7 | 315.8       | 120.1 |
|        | 43                               | 237.9                        | 99.55 | 270.4       | 114.9 | 279.6       | 116.0 | 282.9       | 116.5 | 287.3       | 117.0 | 294.6       | 117.9 | 300.9       | 118.2 |
|        | 46                               | 231.6                        | 110.9 | 246.4       | 113.2 | 253.3       | 113.7 | 256.5       | 114.1 | 260.9       | 114.7 | 267.4       | 115.5 | 273.4       | 115.9 |
|        | 48                               | 209.9                        | 110.2 | 216.1       | 111.3 | 222.4       | 111.5 | 225.2       | 111.7 | 229.2       | 112.6 | 234.9       | 113.2 | 240.2       | 113.5 |
|        | 50                               | 186.3                        | 108.5 | 186.3       | 109.2 | 191.7       | 109.1 | 194.3       | 109.2 | 197.5       | 110.2 | 202.7       | 110.5 | 207.1       | 110.8 |
|        | 52                               | 159.6                        | 104.8 | 156.0       | 105.5 | 161.3       | 104.3 | 163.3       | 104.0 | 166.2       | 105.0 | 170.6       | 104.9 | 174.4       | 105.2 |
| 120    | 10                               | 216.0                        | 32.40 | 259.8       | 40.18 | 290.7       | 48.91 | 302.3       | 53.45 | 314.7       | 55.71 | 332.4       | 57.41 | 342.4       | 59.06 |
|        | 12                               | 216.0                        | 33.52 | 259.8       | 41.90 | 290.7       | 51.38 | 302.3       | 55.31 | 314.7       | 58.44 | 332.4       | 60.65 | 342.4       | 62.29 |
|        | 14                               | 216.0                        | 34.77 | 259.8       | 43.73 | 290.7       | 53.99 | 302.3       | 58.04 | 314.7       | 61.31 | 332.4       | 63.58 | 342.4       | 65.22 |
|        | 16                               | 216.0                        | 36.02 | 259.8       | 45.82 | 290.7       | 56.69 | 302.3       | 60.89 | 314.7       | 64.58 | 332.4       | 66.84 | 342.4       | 68.68 |
|        | 18                               | 216.0                        | 37.74 | 259.8       | 48.26 | 290.7       | 59.60 | 302.3       | 64.49 | 314.7       | 68.34 | 332.4       | 70.79 | 342.4       | 72.58 |
|        | 20                               | 216.0                        | 39.50 | 259.8       | 51.51 | 290.7       | 63.15 | 302.3       | 68.45 | 314.7       | 72.41 | 332.4       | 74.93 | 342.4       | 76.67 |
|        | 21                               | 216.0                        | 40.82 | 259.8       | 53.47 | 290.7       | 65.19 | 302.3       | 70.55 | 314.7       | 74.76 | 332.4       | 77.36 | 342.4       | 79.37 |
|        | 23                               | 216.0                        | 43.92 | 259.8       | 57.52 | 290.7       | 70.01 | 302.3       | 75.12 | 314.7       | 79.79 | 332.4       | 82.34 | 342.4       | 84.15 |
|        | 25                               | 216.0                        | 47.24 | 259.8       | 62.01 | 290.7       | 73.96 | 302.3       | 80.09 | 314.7       | 85.54 | 332.4       | 88.85 | 342.4       | 90.52 |
|        | 27                               | 216.0                        | 50.85 | 259.8       | 66.27 | 290.7       | 78.97 | 302.3       | 85.64 | 314.7       | 92.06 | 332.4       | 96.08 | 342.4       | 97.80 |
|        | 29                               | 216.0                        | 54.34 | 259.8       | 70.72 | 290.7       | 83.32 | 302.3       | 91.81 | 314.7       | 99.16 | 332.4       | 104.1 | 342.4       | 105.7 |
|        | 31                               | 216.0                        | 57.93 | 259.8       | 75.51 | 290.7       | 87.90 | 302.3       | 99.30 | 314.7       | 107.1 | 332.4       | 112.7 | 342.4       | 114.6 |
|        | 33                               | 216.0                        | 61.68 | 259.8       | 80.49 | 290.7       | 94.16 | 302.3       | 108.9 | 314.7       | 116.2 | 332.4       | 121.6 | 342.4       | 123.6 |
|        | 35                               | 216.0                        | 65.62 | 259.8       | 85.82 | 290.7       | 101.3 | 302.3       | 120.7 | 314.7       | 124.6 | 332.1       | 129.3 | 339.0       | 130.2 |
|        | 37                               | 216.0                        | 70.49 | 259.8       | 90.74 | 290.7       | 109.3 | 302.3       | 121.4 | 314.2       | 125.2 | 322.7       | 126.2 | 329.3       | 127.0 |
|        | 39                               | 216.0                        | 75.77 | 259.8       | 96.36 | 290.7       | 117.0 | 302.0       | 121.1 | 306.6       | 122.0 | 314.1       | 122.3 | 320.8       | 123.0 |
|        | 41                               | 216.0                        | 83.56 | 259.8       | 106.5 | 285.6       | 117.9 | 288.7       | 118.7 | 291.9       | 119.1 | 298.5       | 119.4 | 305.2       | 120.2 |
|        | 43                               | 216.0                        | 91.85 | 258.3       | 109.8 | 271.4       | 115.2 | 274.6       | 116.1 | 277.7       | 116.5 | 284.1       | 116.8 | 290.8       | 117.6 |
|        | 46                               | 210.4                        | 103.2 | 239.1       | 109.5 | 246.0       | 111.8 | 248.7       | 112.6 | 251.8       | 113.0 | 257.9       | 113.3 | 264.1       | 114.1 |
|        | 48                               | 190.9                        | 103.1 | 209.9       | 108.1 | 216.0       | 110.3 | 218.4       | 110.9 | 221.1       | 111.1 | 226.4       | 111.5 | 232.0       | 111.9 |
|        | 50                               | 171.1                        | 103.0 | 180.7       | 106.5 | 186.2       | 108.5 | 188.3       | 108.9 | 190.6       | 109.0 | 195.5       | 109.5 | 200.1       | 109.4 |
|        | 52                               | 147.8                        | 100.6 | 151.4       | 103.8 | 156.6       | 104.7 | 158.4       | 104.7 | 160.4       | 104.5 | 164.5       | 104.9 | 168.5       | 104.4 |
| 110    | 10                               | 194.5                        | 29.24 | 234.3       | 35.88 | 266.9       | 43.43 | 277.1       | 47.39 | 295.7       | 51.63 | 305.2       | 54.00 | 324.3       | 55.75 |
|        | 12                               | 194.5                        | 30.33 | 234.3       | 37.39 | 266.9       | 45.64 | 277.1       | 49.30 | 295.7       | 54.15 | 305.2       | 56.88 | 324.3       | 59.03 |
|        | 14                               | 194.5                        | 31.28 | 234.3       | 39.20 | 266.9       | 48.13 | 277.1       | 52.19 | 295.7       | 57.38 | 305.2       | 60.10 | 324.3       | 62.31 |
|        | 16                               | 194.5                        | 32.35 | 234.3       | 40.95 | 266.9       | 50.63 | 277.1       | 55.02 | 295.7       | 60.62 | 305.2       | 63.29 | 324.3       | 65.39 |
|        | 18                               | 194.5                        | 33.73 | 234.3       | 42.99 | 266.9       | 53.95 | 277.1       | 58.44 | 295.7       | 64.26 | 305.2       | 66.84 | 324.3       | 69.04 |
|        | 20                               | 194.5                        | 35.26 | 234.3       | 45.53 | 266.9       | 57.48 | 277.1       | 61.60 | 295.7       | 68.01 | 305.2       | 70.95 | 324.3       | 72.96 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 194.5                        | 36.20 | 234.3       | 47.02 | 266.9       | 59.13 | 277.1       | 63.51 | 295.7       | 70.13 | 305.2       | 73.01 | 324.3       | 75.16 |
|        | 23                               | 194.5                        | 38.81 | 234.3       | 50.70 | 266.9       | 63.03 | 277.1       | 67.36 | 295.7       | 74.26 | 305.2       | 77.07 | 324.3       | 79.36 |
|        | 25                               | 194.5                        | 41.79 | 234.3       | 54.42 | 266.9       | 66.73 | 277.1       | 71.40 | 295.7       | 78.62 | 305.2       | 81.23 | 324.3       | 84.70 |
|        | 27                               | 194.5                        | 44.97 | 234.3       | 58.43 | 266.9       | 70.78 | 277.1       | 75.70 | 295.7       | 82.57 | 305.2       | 85.88 | 324.3       | 90.36 |
|        | 29                               | 194.5                        | 48.35 | 234.3       | 62.37 | 266.9       | 74.94 | 277.1       | 80.45 | 295.7       | 87.67 | 305.2       | 90.76 | 324.3       | 95.84 |
|        | 31                               | 194.5                        | 51.42 | 234.3       | 66.49 | 266.9       | 79.34 | 277.1       | 85.37 | 295.7       | 93.63 | 305.2       | 96.66 | 324.3       | 101.9 |
|        | 33                               | 194.5                        | 54.83 | 234.3       | 70.81 | 266.9       | 83.98 | 277.1       | 90.58 | 295.7       | 100.2 | 305.2       | 103.2 | 324.3       | 108.1 |
|        | 35                               | 194.5                        | 58.28 | 234.3       | 75.61 | 266.9       | 88.88 | 277.1       | 96.17 | 295.7       | 107.4 | 305.2       | 109.8 | 324.0       | 114.9 |
|        | 37                               | 194.5                        | 61.83 | 234.3       | 80.31 | 266.9       | 94.07 | 277.1       | 103.2 | 295.7       | 115.0 | 305.2       | 116.7 | 317.9       | 119.4 |
|        | 39                               | 194.5                        | 66.55 | 234.3       | 85.40 | 266.9       | 101.0 | 277.1       | 111.4 | 295.7       | 120.9 | 301.3       | 121.1 | 309.5       | 121.7 |
|        | 41                               | 194.5                        | 73.46 | 234.3       | 93.27 | 266.9       | 110.5 | 277.1       | 124.0 | 282.1       | 125.0 | 288.4       | 125.7 | 294.2       | 126.5 |
|        | 43                               | 194.5                        | 79.63 | 234.3       | 100.5 | 262.1       | 119.2 | 265.5       | 120.3 | 268.2       | 120.1 | 274.5       | 120.6 | 280.0       | 120.9 |
|        | 46                               | 189.3                        | 82.54 | 228.4       | 102.3 | 237.2       | 113.8 | 240.5       | 113.8 | 242.8       | 114.6 | 248.9       | 115.2 | 253.8       | 115.4 |
|        | 48                               | 171.8                        | 82.22 | 203.5       | 100.7 | 208.2       | 109.5 | 211.3       | 110.1 | 213.4       | 110.6 | 218.5       | 110.8 | 223.2       | 111.2 |
|        | 50                               | 154.2                        | 81.75 | 175.8       | 97.55 | 179.5       | 104.9 | 182.1       | 106.1 | 184.1       | 106.2 | 188.5       | 106.2 | 192.6       | 106.6 |
| 100    | 52                               | 136.0                        | 80.33 | 147.3       | 93.28 | 150.8       | 98.62 | 153.3       | 100.3 | 154.9       | 99.82 | 158.5       | 99.39 | 162.1       | 99.76 |
|        | 10                               | 166.0                        | 26.43 | 200.0       | 32.20 | 235.4       | 38.69 | 252.0       | 42.06 | 269.1       | 45.63 | 295.6       | 50.87 | 303.6       | 51.98 |
|        | 12                               | 166.0                        | 27.40 | 200.0       | 33.73 | 235.4       | 40.37 | 252.0       | 43.68 | 269.1       | 47.61 | 295.6       | 54.02 | 303.6       | 55.31 |
|        | 14                               | 166.0                        | 28.22 | 200.0       | 35.15 | 235.4       | 42.45 | 252.0       | 46.00 | 269.1       | 50.15 | 295.6       | 57.47 | 303.6       | 58.82 |
|        | 16                               | 166.0                        | 29.00 | 200.0       | 36.47 | 235.4       | 44.59 | 252.0       | 48.60 | 269.1       | 53.29 | 295.6       | 60.79 | 303.6       | 62.48 |
|        | 18                               | 166.0                        | 29.97 | 200.0       | 38.16 | 235.4       | 46.77 | 252.0       | 51.33 | 269.1       | 56.93 | 295.6       | 64.57 | 303.6       | 66.00 |
|        | 20                               | 166.0                        | 31.29 | 200.0       | 39.96 | 235.4       | 49.80 | 252.0       | 55.22 | 269.1       | 61.07 | 295.6       | 68.19 | 303.6       | 69.78 |
|        | 21                               | 166.0                        | 32.07 | 200.0       | 41.08 | 235.4       | 51.64 | 252.0       | 57.31 | 269.1       | 63.49 | 295.6       | 70.10 | 303.6       | 71.65 |
|        | 23                               | 166.0                        | 34.23 | 200.0       | 44.19 | 235.4       | 55.72 | 252.0       | 61.79 | 269.1       | 68.23 | 295.6       | 73.77 | 303.6       | 75.34 |
|        | 25                               | 166.0                        | 36.66 | 200.0       | 47.45 | 235.4       | 59.92 | 252.0       | 66.32 | 269.1       | 72.95 | 295.6       | 77.28 | 303.6       | 79.45 |
|        | 27                               | 166.0                        | 39.45 | 200.0       | 51.11 | 235.4       | 64.07 | 252.0       | 70.83 | 269.1       | 77.81 | 295.6       | 82.78 | 303.6       | 84.41 |
|        | 29                               | 166.0                        | 42.40 | 200.0       | 54.54 | 235.4       | 68.40 | 252.0       | 75.66 | 269.1       | 82.46 | 295.6       | 87.85 | 303.6       | 89.60 |
|        | 31                               | 166.0                        | 45.41 | 200.0       | 58.17 | 235.4       | 72.93 | 252.0       | 80.72 | 269.1       | 86.89 | 295.6       | 92.85 | 303.6       | 94.75 |
|        | 33                               | 166.0                        | 48.20 | 200.0       | 61.96 | 235.4       | 77.80 | 252.0       | 86.12 | 269.1       | 90.67 | 295.6       | 98.14 | 303.6       | 100.1 |
|        | 35                               | 166.0                        | 51.29 | 200.0       | 65.95 | 235.4       | 82.87 | 252.0       | 91.84 | 269.1       | 95.71 | 294.4       | 103.5 | 303.3       | 105.6 |
| 90     | 37                               | 166.0                        | 54.89 | 200.0       | 70.67 | 235.4       | 87.91 | 252.0       | 96.61 | 269.1       | 102.0 | 290.3       | 108.9 | 298.6       | 111.0 |
|        | 39                               | 166.0                        | 58.80 | 200.0       | 75.81 | 235.4       | 93.28 | 252.0       | 101.7 | 269.1       | 108.5 | 286.6       | 113.3 | 294.4       | 115.0 |
|        | 41                               | 166.0                        | 64.10 | 200.0       | 82.77 | 235.4       | 100.9 | 252.0       | 110.7 | 269.1       | 116.5 | 275.6       | 117.5 | 282.7       | 118.4 |
|        | 43                               | 166.0                        | 70.52 | 200.0       | 91.19 | 235.4       | 109.1 | 252.0       | 119.5 | 255.2       | 120.2 | 261.4       | 120.5 | 266.7       | 121.5 |
|        | 46                               | 161.7                        | 79.26 | 195.0       | 102.3 | 227.6       | 119.3 | 229.1       | 124.3 | 231.0       | 124.6 | 236.8       | 124.9 | 241.7       | 125.8 |
|        | 48                               | 146.8                        | 71.64 | 177.3       | 92.52 | 199.2       | 105.1 | 201.2       | 108.7 | 202.9       | 109.0 | 207.9       | 109.2 | 212.5       | 109.9 |
|        | 50                               | 132.2                        | 63.92 | 158.9       | 81.98 | 170.5       | 90.28 | 173.7       | 92.55 | 174.8       | 92.81 | 179.4       | 92.89 | 183.3       | 93.34 |
|        | 52                               | 117.3                        | 55.28 | 136.4       | 68.75 | 141.7       | 74.12 | 145.9       | 74.71 | 147.1       | 74.71 | 151.1       | 74.46 | 154.3       | 74.40 |
|        | 10                               | 149.3                        | 24.65 | 180.3       | 29.61 | 211.9       | 35.16 | 226.8       | 38.07 | 242.0       | 41.24 | 268.5       | 46.06 | 294.5       | 50.41 |
|        | 12                               | 149.3                        | 24.99 | 180.3       | 30.32 | 211.9       | 36.17 | 226.8       | 39.26 | 242.0       | 42.63 | 268.5       | 47.55 | 294.5       | 52.59 |
|        | 14                               | 149.3                        | 25.43 | 180.3       | 30.99 | 211.9       | 37.19 | 226.8       | 40.50 | 242.0       | 43.97 | 268.5       | 49.09 | 294.5       | 54.33 |
|        | 16                               | 149.3                        | 25.91 | 180.3       | 31.61 | 211.9       | 38.37 | 226.8       | 41.73 | 242.0       | 45.40 | 268.5       | 50.73 | 294.5       | 56.04 |
|        | 18                               | 149.3                        | 26.33 | 180.3       | 32.62 | 211.9       | 39.49 | 226.8       | 43.16 | 242.0       | 46.88 | 268.5       | 52.56 | 294.5       | 59.25 |
|        | 20                               | 149.3                        | 27.10 | 180.3       | 33.64 | 211.9       | 40.87 | 226.8       | 44.61 | 242.0       | 49.20 | 268.5       | 56.42 | 294.5       | 62.65 |
|        | 21                               | 149.3                        | 27.54 | 180.3       | 34.18 | 211.9       | 41.88 | 226.8       | 46.20 | 242.0       | 51.16 | 268.5       | 57.72 | 294.5       | 64.32 |
|        | 23                               | 149.3                        | 28.51 | 180.3       | 35.98 | 211.9       | 45.11 | 226.8       | 49.90 | 242.0       | 55.11 | 268.5       | 61.66 | 294.5       | 68.65 |
|        | 25                               | 149.3                        | 30.24 | 180.3       | 38.67 | 211.9       | 48.59 | 226.8       | 53.78 | 242.0       | 59.14 | 268.5       | 66.06 | 294.5       | 72.79 |
|        | 27                               | 149.3                        | 32.49 | 180.3       | 41.65 | 211.9       | 52.05 | 226.8       | 57.40 | 242.0       | 63.24 | 268.5       | 70.27 | 294.5       | 77.56 |
|        | 29                               | 149.3                        | 34.78 | 180.3       | 44.65 | 211.9       | 55.65 | 226.8       | 61.32 | 242.0       | 67.54 | 268.5       | 74.51 | 294.5       | 82.06 |
|        | 31                               | 149.3                        | 37.41 | 180.3       | 47.60 | 211.9       | 59.27 | 226.8       | 65.31 | 242.0       | 72.01 | 268.5       | 78.50 | 294.5       | 86.74 |
|        | 33                               | 149.3                        | 39.85 | 180.3       | 50.71 | 211.9       | 63.21 | 226.8       | 69.60 | 242.0       | 76.46 | 268.5       | 82.59 | 293.1       | 91.21 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 149.3                        | 42.30 | 180.3       | 53.84 | 211.9       | 67.24 | 226.8       | 74.23 | 242.0       | 81.18 | 268.5       | 88.70 | 289.5       | 96.58 |
|        | 37                              | 149.3                        | 44.94 | 180.3       | 57.31 | 211.9       | 71.70 | 226.8       | 78.92 | 242.0       | 85.90 | 268.5       | 94.35 | 285.8       | 101.4 |
|        | 39                              | 149.3                        | 47.66 | 180.3       | 60.99 | 211.9       | 76.00 | 226.8       | 84.05 | 242.0       | 90.63 | 268.5       | 101.1 | 282.3       | 106.1 |
|        | 41                              | 149.3                        | 54.42 | 180.3       | 69.09 | 211.9       | 85.37 | 226.8       | 94.15 | 242.0       | 100.1 | 266.7       | 109.5 | 273.0       | 112.5 |
|        | 43                              | 149.3                        | 60.34 | 180.3       | 76.68 | 211.9       | 95.55 | 226.8       | 103.6 | 242.0       | 109.3 | 257.1       | 116.7 | 260.8       | 117.8 |
|        | 46                              | 145.5                        | 70.43 | 175.8       | 90.34 | 206.7       | 111.5 | 220.8       | 120.3 | 226.2       | 123.1 | 232.6       | 125.1 | 236.2       | 125.9 |
|        | 48                              | 132.1                        | 64.31 | 159.8       | 82.56 | 187.3       | 101.4 | 196.8       | 107.7 | 198.6       | 109.1 | 204.4       | 109.3 | 207.6       | 110.0 |
|        | 50                              | 118.9                        | 58.08 | 144.1       | 74.39 | 164.7       | 89.46 | 172.9       | 94.64 | 171.4       | 94.51 | 176.4       | 93.05 | 179.0       | 93.62 |
|        | 52                              | 105.6                        | 51.75 | 126.4       | 64.64 | 141.4       | 76.39 | 148.8       | 80.14 | 143.8       | 78.25 | 148.3       | 74.78 | 150.8       | 75.03 |
| 80     | 10                              | 132.5                        | 22.95 | 160.0       | 27.52 | 188.0       | 32.38 | 201.7       | 34.97 | 215.8       | 37.66 | 239.0       | 42.71 | 261.8       | 46.30 |
|        | 12                              | 132.5                        | 23.39 | 160.0       | 28.05 | 188.0       | 33.29 | 201.7       | 35.96 | 215.8       | 38.72 | 239.0       | 43.96 | 261.8       | 47.71 |
|        | 14                              | 132.5                        | 23.70 | 160.0       | 28.65 | 188.0       | 33.96 | 201.7       | 36.78 | 215.8       | 39.68 | 239.0       | 45.29 | 261.8       | 49.18 |
|        | 16                              | 132.5                        | 24.00 | 160.0       | 29.13 | 188.0       | 34.80 | 201.7       | 37.79 | 215.8       | 41.00 | 239.0       | 46.72 | 261.8       | 50.74 |
|        | 18                              | 132.5                        | 24.50 | 160.0       | 29.79 | 188.0       | 35.86 | 201.7       | 38.95 | 215.8       | 42.29 | 239.0       | 48.08 | 261.8       | 52.39 |
|        | 20                              | 132.5                        | 25.10 | 160.0       | 30.71 | 188.0       | 37.12 | 201.7       | 40.28 | 215.8       | 43.74 | 239.0       | 50.41 | 261.8       | 55.86 |
|        | 21                              | 132.5                        | 25.38 | 160.0       | 31.24 | 188.0       | 37.71 | 201.7       | 41.03 | 215.8       | 44.95 | 239.0       | 52.22 | 261.8       | 57.51 |
|        | 23                              | 132.5                        | 26.16 | 160.0       | 32.19 | 188.0       | 39.78 | 201.7       | 43.94 | 215.8       | 48.35 | 239.0       | 55.51 | 261.8       | 60.90 |
|        | 25                              | 132.5                        | 27.42 | 160.0       | 34.59 | 188.0       | 42.99 | 201.7       | 47.30 | 215.8       | 52.16 | 239.0       | 59.82 | 261.8       | 65.42 |
|        | 27                              | 132.5                        | 29.35 | 160.0       | 37.12 | 188.0       | 46.36 | 201.7       | 50.88 | 215.8       | 55.73 | 239.0       | 63.61 | 261.8       | 69.01 |
|        | 29                              | 132.5                        | 31.49 | 160.0       | 40.01 | 188.0       | 49.31 | 201.7       | 54.19 | 215.8       | 59.51 | 239.0       | 68.10 | 261.8       | 72.67 |
|        | 31                              | 132.5                        | 33.85 | 160.0       | 42.59 | 188.0       | 52.60 | 201.7       | 57.79 | 215.8       | 63.35 | 239.0       | 72.33 | 261.8       | 76.50 |
|        | 33                              | 132.5                        | 36.09 | 160.0       | 45.48 | 188.0       | 56.04 | 201.7       | 61.60 | 215.8       | 67.51 | 239.0       | 76.39 | 261.8       | 80.45 |
|        | 35                              | 132.5                        | 38.32 | 160.0       | 48.26 | 188.0       | 59.68 | 201.7       | 65.58 | 215.8       | 72.03 | 239.0       | 81.07 | 261.8       | 85.92 |
|        | 37                              | 132.5                        | 40.59 | 160.0       | 51.33 | 188.0       | 63.39 | 201.7       | 69.79 | 215.8       | 76.58 | 239.0       | 85.75 | 261.8       | 91.41 |
|        | 39                              | 132.5                        | 42.97 | 160.0       | 54.37 | 188.0       | 67.76 | 201.7       | 74.91 | 215.8       | 82.18 | 239.0       | 90.80 | 261.8       | 97.96 |
|        | 41                              | 132.5                        | 48.63 | 160.0       | 61.60 | 188.0       | 76.16 | 201.7       | 84.10 | 215.8       | 92.46 | 239.0       | 100.4 | 261.2       | 108.4 |
|        | 43                              | 132.5                        | 54.82 | 160.0       | 68.94 | 188.0       | 85.20 | 201.7       | 93.97 | 215.8       | 103.3 | 239.0       | 109.8 | 252.6       | 115.8 |
|        | 46                              | 129.3                        | 63.40 | 155.9       | 80.51 | 183.3       | 99.25 | 196.5       | 108.0 | 210.3       | 119.7 | 227.3       | 125.2 | 231.4       | 126.1 |
|        | 48                              | 117.3                        | 57.80 | 141.9       | 73.52 | 167.0       | 90.55 | 179.0       | 98.38 | 188.9       | 108.1 | 199.7       | 109.5 | 203.2       | 110.2 |
|        | 50                              | 105.6                        | 52.14 | 127.9       | 66.41 | 150.6       | 81.55 | 158.3       | 87.06 | 166.2       | 95.30 | 172.2       | 93.19 | 175.4       | 93.75 |
|        | 52                              | 93.70                        | 46.38 | 113.7       | 58.40 | 129.2       | 69.52 | 136.1       | 74.07 | 143.0       | 81.17 | 144.5       | 75.18 | 147.4       | 75.42 |
| 70     | 10                              | 116.0                        | 20.14 | 140.3       | 24.24 | 164.5       | 28.07 | 176.3       | 30.29 | 188.7       | 32.43 | 208.9       | 36.64 | 229.1       | 40.72 |
|        | 12                              | 116.0                        | 20.64 | 140.3       | 24.56 | 164.5       | 28.93 | 176.3       | 31.05 | 188.7       | 33.36 | 208.9       | 37.64 | 229.1       | 41.87 |
|        | 14                              | 116.0                        | 20.95 | 140.3       | 24.92 | 164.5       | 29.43 | 176.3       | 31.62 | 188.7       | 34.03 | 208.9       | 38.62 | 229.1       | 42.91 |
|        | 16                              | 116.0                        | 21.27 | 140.3       | 25.38 | 164.5       | 29.95 | 176.3       | 32.34 | 188.7       | 34.90 | 208.9       | 39.65 | 229.1       | 44.23 |
|        | 18                              | 116.0                        | 21.58 | 140.3       | 25.87 | 164.5       | 30.87 | 176.3       | 33.38 | 188.7       | 35.97 | 208.9       | 40.78 | 229.1       | 45.50 |
|        | 20                              | 116.0                        | 21.93 | 140.3       | 26.60 | 164.5       | 31.73 | 176.3       | 34.45 | 188.7       | 37.25 | 208.9       | 42.23 | 229.1       | 47.71 |
|        | 21                              | 116.0                        | 22.33 | 140.3       | 26.94 | 164.5       | 32.26 | 176.3       | 35.02 | 188.7       | 37.86 | 208.9       | 43.20 | 229.1       | 48.92 |
|        | 23                              | 116.0                        | 22.89 | 140.3       | 27.90 | 164.5       | 33.39 | 176.3       | 36.62 | 188.7       | 40.14 | 208.9       | 46.46 | 229.1       | 52.07 |
|        | 25                              | 116.0                        | 23.51 | 140.3       | 29.25 | 164.5       | 35.93 | 176.3       | 39.51 | 188.7       | 43.17 | 208.9       | 50.04 | 229.1       | 55.16 |
|        | 27                              | 116.0                        | 25.03 | 140.3       | 31.52 | 164.5       | 38.65 | 176.3       | 42.31 | 188.7       | 46.57 | 208.9       | 53.74 | 229.1       | 58.85 |
|        | 29                              | 116.0                        | 26.97 | 140.3       | 33.77 | 164.5       | 41.45 | 176.3       | 45.27 | 188.7       | 49.53 | 208.9       | 57.35 | 229.1       | 63.00 |
|        | 31                              | 116.0                        | 28.96 | 140.3       | 36.33 | 164.5       | 44.22 | 176.3       | 48.39 | 188.7       | 52.84 | 208.9       | 61.13 | 229.1       | 66.91 |
|        | 33                              | 116.0                        | 31.01 | 140.3       | 38.46 | 164.5       | 47.01 | 176.3       | 51.38 | 188.7       | 56.19 | 208.9       | 65.07 | 229.1       | 71.26 |
|        | 35                              | 116.0                        | 32.85 | 140.3       | 41.04 | 164.5       | 50.01 | 176.3       | 54.69 | 188.7       | 59.86 | 208.9       | 69.36 | 229.1       | 75.64 |
|        | 37                              | 116.0                        | 34.93 | 140.3       | 43.51 | 164.5       | 53.16 | 176.3       | 58.22 | 188.7       | 63.73 | 208.9       | 73.85 | 229.1       | 79.99 |
|        | 39                              | 116.0                        | 37.10 | 140.3       | 46.40 | 164.5       | 56.83 | 176.3       | 62.52 | 188.7       | 68.66 | 208.9       | 78.98 | 229.1       | 86.06 |
|        | 41                              | 116.0                        | 41.96 | 140.3       | 52.07 | 164.5       | 63.82 | 176.3       | 70.22 | 188.7       | 76.57 | 208.9       | 88.89 | 229.1       | 95.43 |
|        | 43                              | 116.0                        | 46.86 | 140.3       | 58.20 | 164.5       | 71.37 | 176.3       | 78.48 | 188.7       | 85.66 | 208.9       | 99.57 | 229.1       | 106.0 |
|        | 46                              | 113.1                        | 54.11 | 136.7       | 67.85 | 160.4       | 83.31 | 171.9       | 90.78 | 184.0       | 99.72 | 203.6       | 115.7 | 223.3       | 121.7 |
|        | 48                              | 102.7                        | 49.37 | 124.5       | 61.95 | 146.1       | 76.17 | 156.7       | 82.99 | 167.7       | 91.06 | 185.3       | 105.4 | 201.6       | 109.2 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 92.40                        | 44.56 | 112.0       | 55.95 | 131.8       | 68.91 | 141.3       | 74.65 | 150.6       | 81.76 | 163.5       | 93.21 | 177.2       | 95.13 |
|        | 52                              | 82.20                        | 39.68 | 99.70       | 49.88 | 117.5       | 60.52 | 123.5       | 64.48 | 129.3       | 69.74 | 140.6       | 79.53 | 152.3       | 79.56 |
| 60     | 10                              | 99.30                        | 17.32 | 120.0       | 20.78 | 141.1       | 24.27 | 151.2       | 25.98 | 161.7       | 27.60 | 179.2       | 31.03 | 196.5       | 34.42 |
|        | 12                              | 99.30                        | 18.03 | 120.0       | 21.14 | 141.1       | 24.65 | 151.2       | 26.50 | 161.7       | 28.30 | 179.2       | 31.77 | 196.5       | 35.34 |
|        | 14                              | 99.30                        | 18.20 | 120.0       | 21.46 | 141.1       | 25.15 | 151.2       | 26.99 | 161.7       | 28.84 | 179.2       | 32.47 | 196.5       | 36.12 |
|        | 16                              | 99.30                        | 18.51 | 120.0       | 21.91 | 141.1       | 25.47 | 151.2       | 27.45 | 161.7       | 29.50 | 179.2       | 33.15 | 196.5       | 36.89 |
|        | 18                              | 99.30                        | 18.83 | 120.0       | 22.28 | 141.1       | 26.01 | 151.2       | 28.11 | 161.7       | 30.24 | 179.2       | 34.04 | 196.5       | 38.03 |
|        | 20                              | 99.30                        | 19.12 | 120.0       | 22.68 | 141.1       | 26.77 | 151.2       | 28.89 | 161.7       | 31.12 | 179.2       | 35.11 | 196.5       | 39.34 |
|        | 21                              | 99.30                        | 19.29 | 120.0       | 22.94 | 141.1       | 27.28 | 151.2       | 29.40 | 161.7       | 31.66 | 179.2       | 35.81 | 196.5       | 39.92 |
|        | 23                              | 99.30                        | 19.78 | 120.0       | 23.72 | 141.1       | 28.03 | 151.2       | 30.36 | 161.7       | 32.81 | 179.2       | 37.55 | 196.5       | 42.67 |
|        | 25                              | 99.30                        | 20.35 | 120.0       | 24.51 | 141.1       | 29.50 | 151.2       | 32.21 | 161.7       | 35.14 | 179.2       | 40.44 | 196.5       | 45.94 |
|        | 27                              | 99.30                        | 21.24 | 120.0       | 26.08 | 141.1       | 31.68 | 151.2       | 34.58 | 161.7       | 37.72 | 179.2       | 43.36 | 196.5       | 49.40 |
|        | 29                              | 99.30                        | 22.76 | 120.0       | 28.08 | 141.1       | 34.10 | 151.2       | 37.21 | 161.7       | 40.57 | 179.2       | 46.51 | 196.5       | 52.89 |
|        | 31                              | 99.30                        | 24.45 | 120.0       | 30.17 | 141.1       | 36.52 | 151.2       | 39.80 | 161.7       | 43.20 | 179.2       | 49.60 | 196.5       | 56.30 |
|        | 33                              | 99.30                        | 26.18 | 120.0       | 32.19 | 141.1       | 38.81 | 151.2       | 42.27 | 161.7       | 46.02 | 179.2       | 52.75 | 196.5       | 60.04 |
|        | 35                              | 99.30                        | 27.88 | 120.0       | 34.27 | 141.1       | 41.28 | 151.2       | 44.93 | 161.7       | 48.87 | 179.2       | 56.20 | 196.5       | 63.83 |
|        | 37                              | 99.30                        | 29.49 | 120.0       | 36.21 | 141.1       | 43.79 | 151.2       | 47.76 | 161.7       | 51.90 | 179.2       | 59.70 | 196.5       | 67.92 |
|        | 39                              | 99.30                        | 31.44 | 120.0       | 38.59 | 141.1       | 47.16 | 151.2       | 51.18 | 161.7       | 55.76 | 179.2       | 63.96 | 196.5       | 72.73 |
|        | 41                              | 99.30                        | 34.99 | 120.0       | 43.25 | 141.1       | 52.52 | 151.2       | 57.31 | 161.7       | 62.09 | 179.2       | 71.90 | 196.5       | 81.17 |
|        | 43                              | 99.30                        | 39.00 | 120.0       | 48.28 | 141.1       | 58.69 | 151.2       | 64.01 | 161.7       | 69.36 | 179.2       | 80.49 | 196.5       | 90.94 |
|        | 46                              | 96.90                        | 45.33 | 117.1       | 56.23 | 137.6       | 68.41 | 147.4       | 74.56 | 157.6       | 80.88 | 174.8       | 94.03 | 191.5       | 107.3 |
|        | 48                              | 87.90                        | 41.37 | 106.3       | 51.36 | 125.4       | 62.57 | 134.3       | 68.17 | 143.6       | 73.99 | 159.1       | 85.85 | 174.0       | 97.59 |
|        | 50                              | 79.10                        | 37.33 | 95.80       | 46.43 | 113.1       | 56.62 | 121.1       | 61.67 | 129.6       | 67.01 | 143.3       | 77.20 | 156.7       | 87.57 |
|        | 52                              | 70.30                        | 33.27 | 85.30       | 41.42 | 100.7       | 50.59 | 108.0       | 54.33 | 115.6       | 58.87 | 125.6       | 66.90 | 135.6       | 75.07 |
| 50     | 10                              | 83.00                        | 14.86 | 100.3       | 17.52 | 117.6       | 20.36 | 126.0       | 21.86 | 134.6       | 23.16 | 149.1       | 25.82 | 163.8       | 28.45 |
|        | 12                              | 83.00                        | 15.58 | 100.3       | 18.04 | 117.6       | 20.69 | 126.0       | 22.18 | 134.6       | 23.67 | 149.1       | 26.40 | 163.8       | 29.13 |
|        | 14                              | 83.00                        | 15.75 | 100.3       | 18.36 | 117.6       | 21.04 | 126.0       | 22.51 | 134.6       | 23.99 | 149.1       | 26.73 | 163.8       | 29.61 |
|        | 16                              | 83.00                        | 16.07 | 100.3       | 18.67 | 117.6       | 21.37 | 126.0       | 22.94 | 134.6       | 24.35 | 149.1       | 27.23 | 163.8       | 30.07 |
|        | 18                              | 83.00                        | 16.21 | 100.3       | 18.85 | 117.6       | 21.68 | 126.0       | 23.31 | 134.6       | 24.82 | 149.1       | 27.82 | 163.8       | 30.87 |
|        | 20                              | 83.00                        | 16.38 | 100.3       | 19.17 | 117.6       | 22.24 | 126.0       | 23.81 | 134.6       | 25.57 | 149.1       | 28.60 | 163.8       | 31.85 |
|        | 21                              | 83.00                        | 16.52 | 100.3       | 19.36 | 117.6       | 22.56 | 126.0       | 24.27 | 134.6       | 25.93 | 149.1       | 29.09 | 163.8       | 32.32 |
|        | 23                              | 83.00                        | 16.89 | 100.3       | 19.86 | 117.6       | 23.14 | 126.0       | 24.92 | 134.6       | 26.78 | 149.1       | 30.01 | 163.8       | 33.42 |
|        | 25                              | 83.00                        | 17.24 | 100.3       | 20.43 | 117.6       | 24.00 | 126.0       | 25.83 | 134.6       | 27.97 | 149.1       | 31.81 | 163.8       | 35.97 |
|        | 27                              | 83.00                        | 17.79 | 100.3       | 21.36 | 117.6       | 25.60 | 126.0       | 27.74 | 134.6       | 29.99 | 149.1       | 34.29 | 163.8       | 38.66 |
|        | 29                              | 83.00                        | 18.96 | 100.3       | 22.98 | 117.6       | 27.46 | 126.0       | 29.81 | 134.6       | 32.25 | 149.1       | 36.79 | 163.8       | 41.43 |
|        | 31                              | 83.00                        | 20.23 | 100.3       | 24.62 | 117.6       | 29.54 | 126.0       | 31.98 | 134.6       | 34.70 | 149.1       | 39.41 | 163.8       | 44.29 |
|        | 33                              | 83.00                        | 21.72 | 100.3       | 26.46 | 117.6       | 31.48 | 126.0       | 34.02 | 134.6       | 36.85 | 149.1       | 41.86 | 163.8       | 47.19 |
|        | 35                              | 83.00                        | 23.23 | 100.3       | 28.05 | 117.6       | 33.38 | 126.0       | 36.15 | 134.6       | 39.02 | 149.1       | 44.35 | 163.8       | 50.14 |
|        | 37                              | 83.00                        | 24.69 | 100.3       | 29.77 | 117.6       | 35.36 | 126.0       | 38.31 | 134.6       | 41.37 | 149.1       | 47.30 | 163.8       | 53.27 |
|        | 39                              | 83.00                        | 26.33 | 100.3       | 31.86 | 117.6       | 37.85 | 126.0       | 41.16 | 134.6       | 44.35 | 149.1       | 50.40 | 163.8       | 57.41 |
|        | 41                              | 83.00                        | 29.22 | 100.3       | 35.39 | 117.6       | 42.39 | 126.0       | 45.74 | 134.6       | 49.28 | 149.1       | 56.61 | 163.8       | 64.03 |
|        | 43                              | 83.00                        | 32.57 | 100.3       | 39.46 | 117.6       | 47.28 | 126.0       | 51.07 | 134.6       | 55.01 | 149.1       | 63.28 | 163.8       | 71.64 |
|        | 46                              | 80.90                        | 37.86 | 97.90       | 45.91 | 114.7       | 54.99 | 122.8       | 59.44 | 131.1       | 63.99 | 145.4       | 73.83 | 159.7       | 83.70 |
|        | 48                              | 73.40                        | 34.59 | 88.90       | 41.96 | 104.5       | 50.28 | 112.0       | 54.38 | 119.5       | 58.55 | 132.3       | 67.43 | 145.1       | 76.28 |
|        | 50                              | 66.10                        | 31.31 | 80.10       | 37.98 | 94.30       | 45.50 | 100.9       | 49.22 | 107.8       | 53.00 | 119.2       | 60.93 | 130.6       | 68.75 |
|        | 52                              | 58.80                        | 27.99 | 71.30       | 33.94 | 84.00       | 40.66 | 90.10       | 44.00 | 96.10       | 47.41 | 106.3       | 53.70 | 116.2       | 60.34 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM920LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 255.2                        | 40.88 | 304.0       | 49.94 | 325.8       | 57.94 | 335.0       | 59.12 | 344.2       | 59.58 | 361.0       | 60.06 | 370.2       | 60.30 |
|        | 12                         | 255.2                        | 41.88 | 304.0       | 51.74 | 325.8       | 60.32 | 335.0       | 60.72 | 344.2       | 61.20 | 361.0       | 61.68 | 370.2       | 62.24 |
|        | 14                         | 255.2                        | 43.28 | 304.0       | 53.62 | 325.8       | 62.60 | 335.0       | 63.04 | 344.2       | 63.56 | 361.0       | 64.04 | 370.2       | 64.62 |
|        | 16                         | 255.2                        | 44.86 | 304.0       | 55.46 | 325.8       | 65.40 | 335.0       | 66.00 | 344.2       | 66.52 | 361.0       | 67.12 | 370.2       | 67.66 |
|        | 18                         | 255.2                        | 46.74 | 304.0       | 58.68 | 325.8       | 68.40 | 335.0       | 69.86 | 344.2       | 70.42 | 361.0       | 71.12 | 370.2       | 71.62 |
|        | 20                         | 255.2                        | 48.80 | 304.0       | 62.52 | 325.8       | 71.78 | 335.0       | 76.86 | 344.2       | 77.48 | 361.0       | 79.40 | 370.2       | 79.92 |
|        | 21                         | 255.2                        | 50.08 | 304.0       | 64.70 | 325.8       | 73.28 | 335.0       | 81.32 | 344.2       | 81.98 | 361.0       | 84.48 | 370.2       | 85.02 |
|        | 23                         | 255.2                        | 53.74 | 304.0       | 68.06 | 325.8       | 77.08 | 335.0       | 89.74 | 344.2       | 91.62 | 361.0       | 94.62 | 370.2       | 95.20 |
|        | 25                         | 255.2                        | 57.40 | 304.0       | 72.00 | 325.8       | 82.38 | 335.0       | 100.7 | 344.2       | 103.1 | 361.0       | 106.2 | 370.2       | 106.8 |
|        | 27                         | 255.2                        | 61.42 | 304.0       | 76.96 | 325.8       | 88.88 | 335.0       | 112.7 | 344.2       | 114.9 | 361.0       | 118.4 | 370.2       | 119.3 |
|        | 29                         | 255.2                        | 65.44 | 304.0       | 82.28 | 325.8       | 97.22 | 335.0       | 125.7 | 344.2       | 128.1 | 361.0       | 131.7 | 370.2       | 131.9 |
|        | 31                         | 255.2                        | 69.82 | 304.0       | 86.94 | 325.8       | 105.1 | 335.0       | 127.0 | 344.2       | 129.4 | 358.4       | 132.3 | 368.6       | 132.8 |
|        | 33                         | 255.2                        | 74.40 | 304.0       | 93.76 | 325.8       | 114.3 | 335.0       | 127.6 | 343.8       | 129.9 | 353.8       | 131.1 | 363.0       | 131.6 |
|        | 35                         | 255.2                        | 79.32 | 304.0       | 99.92 | 325.8       | 125.9 | 333.6       | 127.5 | 339.2       | 128.2 | 348.4       | 129.4 | 358.4       | 129.9 |
|        | 37                         | 255.2                        | 84.60 | 304.0       | 106.4 | 323.6       | 125.1 | 328.0       | 125.8 | 333.6       | 126.5 | 342.8       | 127.7 | 353.0       | 128.2 |
|        | 39                         | 255.2                        | 90.08 | 304.0       | 114.0 | 317.8       | 123.5 | 323.6       | 124.1 | 328.0       | 124.8 | 338.2       | 126.0 | 348.4       | 126.5 |
|        | 41                         | 255.2                        | 99.04 | 295.2       | 122.4 | 305.0       | 123.0 | 309.6       | 123.6 | 315.6       | 124.3 | 325.0       | 125.5 | 333.8       | 126.0 |
|        | 43                         | 255.2                        | 108.2 | 282.8       | 121.9 | 292.6       | 122.5 | 297.0       | 123.1 | 302.8       | 123.9 | 312.4       | 125.0 | 320.8       | 125.5 |
|        | 46                         | 247.0                        | 121.4 | 258.0       | 121.1 | 267.2       | 121.7 | 271.4       | 122.3 | 277.2       | 123.1 | 285.8       | 124.2 | 293.6       | 124.7 |
|        | 48                         | 218.4                        | 119.2 | 224.0       | 119.5 | 232.4       | 119.8 | 236.0       | 120.1 | 241.2       | 121.2 | 248.8       | 121.9 | 255.8       | 122.4 |
|        | 50                         | 190.0                        | 117.0 | 190.2       | 117.9 | 197.4       | 117.8 | 200.8       | 117.9 | 205.0       | 119.2 | 212.0       | 119.6 | 217.8       | 120.1 |
|        | 52                         | 161.4                        | 114.7 | 156.0       | 116.3 | 162.6       | 115.8 | 165.2       | 115.5 | 169.0       | 117.2 | 174.8       | 117.3 | 179.8       | 117.7 |
| 120    | 10                         | 230.8                        | 36.76 | 274.4       | 45.08 | 300.0       | 53.56 | 309.0       | 57.90 | 318.2       | 58.80 | 335.4       | 59.04 | 343.8       | 59.52 |
|        | 12                         | 230.8                        | 37.76 | 274.4       | 46.60 | 300.0       | 55.72 | 309.0       | 59.12 | 318.2       | 60.98 | 335.4       | 61.72 | 343.8       | 62.20 |
|        | 14                         | 230.8                        | 39.06 | 274.4       | 48.18 | 300.0       | 57.96 | 309.0       | 61.36 | 318.2       | 63.22 | 335.4       | 64.16 | 343.8       | 64.66 |
|        | 16                         | 230.8                        | 40.46 | 274.4       | 50.16 | 300.0       | 60.22 | 309.0       | 63.64 | 318.2       | 66.14 | 335.4       | 66.96 | 343.8       | 67.50 |
|        | 18                         | 230.8                        | 42.06 | 274.4       | 52.40 | 300.0       | 62.62 | 309.0       | 67.00 | 318.2       | 69.54 | 335.4       | 70.34 | 343.8       | 70.88 |
|        | 20                         | 230.8                        | 43.64 | 274.4       | 55.58 | 300.0       | 66.00 | 309.0       | 70.52 | 318.2       | 73.22 | 335.4       | 74.18 | 343.8       | 74.76 |
|        | 21                         | 230.8                        | 44.96 | 274.4       | 57.60 | 300.0       | 67.84 | 309.0       | 72.58 | 318.2       | 75.62 | 335.4       | 76.60 | 343.8       | 77.20 |
|        | 23                         | 230.8                        | 48.06 | 274.4       | 61.60 | 300.0       | 72.70 | 309.0       | 77.12 | 318.2       | 80.62 | 335.4       | 81.44 | 343.8       | 82.08 |
|        | 25                         | 230.8                        | 51.38 | 274.4       | 66.00 | 300.0       | 76.68 | 309.0       | 82.20 | 318.2       | 86.46 | 335.4       | 88.24 | 343.8       | 88.94 |
|        | 27                         | 230.8                        | 54.84 | 274.4       | 70.56 | 300.0       | 81.58 | 309.0       | 87.84 | 318.2       | 92.92 | 335.4       | 96.16 | 343.8       | 96.86 |
|        | 29                         | 230.8                        | 58.48 | 274.4       | 75.32 | 300.0       | 85.84 | 309.0       | 94.02 | 318.2       | 100.6 | 335.4       | 105.0 | 343.8       | 105.4 |
|        | 31                         | 230.8                        | 62.34 | 274.4       | 80.44 | 300.0       | 90.30 | 309.0       | 102.0 | 318.2       | 109.4 | 335.4       | 114.3 | 343.8       | 115.1 |
|        | 33                         | 230.8                        | 66.36 | 274.4       | 85.74 | 300.0       | 96.82 | 309.0       | 112.6 | 318.2       | 119.4 | 335.4       | 124.0 | 343.8       | 124.8 |
|        | 35                         | 230.8                        | 70.56 | 274.4       | 91.40 | 300.0       | 104.3 | 309.0       | 126.2 | 318.2       | 128.4 | 335.0       | 131.9 | 343.8       | 133.0 |
|        | 37                         | 230.8                        | 75.90 | 274.4       | 96.44 | 300.0       | 112.8 | 309.0       | 125.3 | 318.2       | 127.9 | 329.4       | 129.2 | 338.2       | 130.2 |
|        | 39                         | 230.8                        | 81.72 | 274.4       | 102.3 | 300.0       | 121.7 | 309.0       | 124.9 | 315.0       | 126.1 | 325.0       | 126.5 | 333.8       | 127.5 |
|        | 41                         | 230.8                        | 90.70 | 274.4       | 113.8 | 294.0       | 123.0 | 298.2       | 124.1 | 302.4       | 124.7 | 311.2       | 125.1 | 320.0       | 126.1 |
|        | 43                         | 230.8                        | 100.2 | 272.4       | 117.4 | 281.8       | 121.4 | 286.0       | 122.6 | 290.2       | 123.2 | 298.6       | 123.6 | 307.4       | 124.6 |
|        | 46                         | 223.4                        | 113.0 | 248.4       | 116.3 | 257.6       | 119.4 | 261.2       | 120.4 | 265.2       | 121.0 | 273.2       | 121.3 | 281.4       | 122.3 |
|        | 48                         | 197.8                        | 111.8 | 215.8       | 115.4 | 223.8       | 118.2 | 227.0       | 119.0 | 230.6       | 119.3 | 237.6       | 119.8 | 245.0       | 120.3 |
|        | 50                         | 171.8                        | 110.6 | 182.8       | 114.5 | 190.2       | 117.1 | 193.0       | 117.5 | 196.0       | 117.7 | 202.4       | 118.3 | 208.4       | 118.2 |
|        | 52                         | 146.0                        | 109.4 | 150.2       | 113.5 | 156.4       | 115.9 | 158.8       | 116.0 | 161.4       | 116.0 | 166.8       | 116.7 | 172.0       | 116.2 |
| 110    | 10                         | 207.0                        | 33.06 | 246.6       | 40.30 | 275.6       | 47.88 | 283.2       | 51.82 | 301.2       | 55.76 | 308.2       | 57.32 | 329.0       | 58.26 |
|        | 12                         | 207.0                        | 34.10 | 246.6       | 41.66 | 275.6       | 49.86 | 283.2       | 53.28 | 301.2       | 57.86 | 308.2       | 59.74 | 329.0       | 61.10 |
|        | 14                         | 207.0                        | 35.16 | 246.6       | 43.54 | 275.6       | 52.12 | 283.2       | 55.92 | 301.2       | 60.78 | 308.2       | 62.50 | 329.0       | 63.82 |
|        | 16                         | 207.0                        | 36.42 | 246.6       | 45.12 | 275.6       | 54.28 | 283.2       | 58.36 | 301.2       | 63.58 | 308.2       | 65.32 | 329.0       | 66.48 |
|        | 18                         | 207.0                        | 37.76 | 246.6       | 47.00 | 275.6       | 57.40 | 283.2       | 61.46 | 301.2       | 67.06 | 308.2       | 68.40 | 329.0       | 69.68 |
|        | 20                         | 207.0                        | 39.12 | 246.6       | 49.36 | 275.6       | 60.88 | 283.2       | 64.30 | 301.2       | 70.34 | 308.2       | 72.06 | 329.0       | 73.22 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 207.0                        | 39.98 | 246.6       | 50.82 | 275.6       | 62.42 | 283.2       | 66.00 | 301.2       | 72.28 | 308.2       | 74.10 | 329.0       | 75.28 |
|        | 23                               | 207.0                        | 42.60 | 246.6       | 54.48 | 275.6       | 65.92 | 283.2       | 69.68 | 301.2       | 76.38 | 308.2       | 78.00 | 329.0       | 79.30 |
|        | 25                               | 207.0                        | 45.52 | 246.6       | 58.12 | 275.6       | 69.64 | 283.2       | 73.68 | 301.2       | 80.68 | 308.2       | 81.84 | 329.0       | 84.54 |
|        | 27                               | 207.0                        | 48.62 | 246.6       | 62.16 | 275.6       | 73.58 | 283.2       | 77.96 | 301.2       | 84.26 | 308.2       | 86.18 | 329.0       | 90.08 |
|        | 29                               | 207.0                        | 51.92 | 246.6       | 66.36 | 275.6       | 77.78 | 283.2       | 82.58 | 301.2       | 89.04 | 308.2       | 90.58 | 329.0       | 95.68 |
|        | 31                               | 207.0                        | 55.20 | 246.6       | 70.74 | 275.6       | 82.20 | 283.2       | 87.50 | 301.2       | 95.12 | 308.2       | 96.68 | 329.0       | 101.9 |
|        | 33                               | 207.0                        | 58.86 | 246.6       | 75.32 | 275.6       | 86.84 | 283.2       | 92.70 | 301.2       | 101.9 | 308.2       | 103.4 | 329.0       | 108.2 |
|        | 35                               | 207.0                        | 62.52 | 246.6       | 80.44 | 275.6       | 91.70 | 283.2       | 98.24 | 301.2       | 109.3 | 308.2       | 110.2 | 328.6       | 115.0 |
|        | 37                               | 207.0                        | 66.26 | 246.6       | 85.36 | 275.6       | 96.82 | 283.2       | 105.5 | 301.2       | 117.4 | 308.2       | 117.2 | 323.2       | 120.3 |
|        | 39                               | 207.0                        | 71.44 | 246.6       | 90.70 | 275.6       | 104.0 | 283.2       | 115.0 | 301.2       | 124.9 | 308.2       | 124.9 | 318.8       | 125.8 |
|        | 41                               | 207.0                        | 79.40 | 246.6       | 99.54 | 275.6       | 115.7 | 283.2       | 131.0 | 289.4       | 132.2 | 297.8       | 133.2 | 305.4       | 134.3 |
|        | 43                               | 207.0                        | 86.32 | 246.6       | 107.4 | 269.6       | 126.6 | 274.0       | 128.0 | 277.6       | 127.8 | 286.0       | 128.5 | 293.2       | 128.8 |
|        | 46                               | 200.2                        | 88.34 | 238.8       | 108.7 | 246.0       | 122.0 | 250.4       | 122.0 | 253.4       | 123.0 | 261.4       | 123.7 | 268.0       | 124.0 |
|        | 48                               | 177.2                        | 86.66 | 207.4       | 105.8 | 213.6       | 117.2 | 217.6       | 118.0 | 220.4       | 118.6 | 227.2       | 118.9 | 233.4       | 119.4 |
|        | 50                               | 154.0                        | 84.94 | 176.4       | 102.8 | 181.4       | 112.4 | 184.8       | 113.9 | 187.4       | 114.0 | 193.2       | 114.0 | 198.6       | 114.6 |
| 100    | 52                               | 130.8                        | 83.20 | 145.2       | 99.74 | 149.0       | 107.4 | 152.2       | 109.8 | 154.2       | 109.4 | 159.2       | 109.0 | 163.6       | 109.8 |
|        | 10                               | 174.0                        | 29.78 | 207.0       | 36.20 | 241.0       | 42.94 | 257.6       | 46.40 | 274.2       | 49.86 | 304.0       | 55.50 | 310.6       | 55.94 |
|        | 12                               | 174.0                        | 30.72 | 207.0       | 37.68 | 241.0       | 44.38 | 257.6       | 47.66 | 274.2       | 51.44 | 304.0       | 58.48 | 310.6       | 59.06 |
|        | 14                               | 174.0                        | 31.70 | 207.0       | 39.18 | 241.0       | 46.26 | 257.6       | 49.72 | 274.2       | 53.66 | 304.0       | 61.76 | 310.6       | 62.32 |
|        | 16                               | 174.0                        | 32.66 | 207.0       | 40.48 | 241.0       | 48.24 | 257.6       | 52.06 | 274.2       | 56.54 | 304.0       | 64.74 | 310.6       | 65.64 |
|        | 18                               | 174.0                        | 33.62 | 207.0       | 41.98 | 241.0       | 50.12 | 257.6       | 54.62 | 274.2       | 59.96 | 304.0       | 68.38 | 310.6       | 68.94 |
|        | 20                               | 174.0                        | 34.84 | 207.0       | 43.56 | 241.0       | 53.00 | 257.6       | 58.48 | 274.2       | 64.16 | 304.0       | 71.66 | 310.6       | 72.22 |
|        | 21                               | 174.0                        | 35.54 | 207.0       | 44.60 | 241.0       | 54.84 | 257.6       | 60.50 | 274.2       | 66.54 | 304.0       | 73.30 | 310.6       | 73.88 |
|        | 23                               | 174.0                        | 37.66 | 207.0       | 47.72 | 241.0       | 58.86 | 257.6       | 64.90 | 274.2       | 71.30 | 304.0       | 76.76 | 310.6       | 77.38 |
|        | 25                               | 174.0                        | 40.04 | 207.0       | 50.82 | 241.0       | 62.88 | 257.6       | 69.46 | 274.2       | 76.22 | 304.0       | 80.02 | 310.6       | 81.36 |
|        | 27                               | 174.0                        | 42.76 | 207.0       | 54.28 | 241.0       | 67.28 | 257.6       | 74.22 | 274.2       | 81.06 | 304.0       | 85.46 | 310.6       | 86.22 |
|        | 29                               | 174.0                        | 45.52 | 207.0       | 57.94 | 241.0       | 71.84 | 257.6       | 79.32 | 274.2       | 85.78 | 304.0       | 90.60 | 310.6       | 91.06 |
|        | 31                               | 174.0                        | 48.62 | 207.0       | 61.80 | 241.0       | 76.60 | 257.6       | 84.64 | 274.2       | 90.12 | 304.0       | 95.52 | 310.6       | 96.06 |
|        | 33                               | 174.0                        | 51.56 | 207.0       | 65.80 | 241.0       | 81.72 | 257.6       | 90.30 | 274.2       | 93.52 | 304.0       | 100.7 | 310.6       | 101.2 |
| 90     | 35                               | 174.0                        | 54.84 | 207.0       | 70.00 | 241.0       | 87.02 | 257.6       | 96.30 | 274.2       | 98.40 | 302.4       | 105.8 | 310.2       | 106.6 |
|        | 37                               | 174.0                        | 58.74 | 207.0       | 75.10 | 241.0       | 92.18 | 257.6       | 100.9 | 274.2       | 104.7 | 297.0       | 110.7 | 304.0       | 111.7 |
|        | 39                               | 174.0                        | 62.98 | 207.0       | 80.66 | 241.0       | 97.66 | 257.6       | 105.8 | 274.2       | 111.6 | 292.2       | 116.0 | 299.0       | 117.1 |
|        | 41                               | 174.0                        | 68.94 | 207.0       | 88.48 | 241.0       | 105.9 | 257.6       | 116.6 | 274.2       | 121.9 | 281.0       | 122.5 | 290.2       | 123.6 |
|        | 43                               | 174.0                        | 76.30 | 207.0       | 98.12 | 241.0       | 116.0 | 257.6       | 127.5 | 260.6       | 128.0 | 268.6       | 128.4 | 275.6       | 129.6 |
|        | 46                               | 168.4                        | 86.06 | 200.4       | 110.9 | 233.4       | 129.0 | 235.2       | 135.5 | 237.8       | 135.9 | 245.4       | 136.3 | 252.0       | 137.6 |
|        | 48                               | 148.8                        | 75.06 | 177.2       | 96.92 | 201.6       | 111.4 | 204.4       | 116.1 | 206.6       | 116.5 | 213.2       | 116.8 | 219.2       | 117.7 |
|        | 50                               | 129.6                        | 63.86 | 154.2       | 82.66 | 169.4       | 93.42 | 173.6       | 96.36 | 175.2       | 96.72 | 181.2       | 96.84 | 186.4       | 97.42 |
|        | 52                               | 110.0                        | 52.38 | 131.0       | 68.08 | 137.6       | 75.10 | 142.8       | 76.18 | 144.2       | 76.52 | 149.2       | 76.52 | 153.4       | 76.70 |
|        | 10                               | 156.4                        | 27.78 | 186.8       | 33.40 | 217.0       | 39.36 | 231.8       | 42.46 | 246.6       | 45.70 | 276.8       | 51.12 | 307.4       | 56.02 |
|        | 12                               | 156.4                        | 28.12 | 186.8       | 33.92 | 217.0       | 40.06 | 231.8       | 43.30 | 246.6       | 46.70 | 276.8       | 52.14 | 307.4       | 57.86 |
|        | 14                               | 156.4                        | 28.64 | 186.8       | 34.60 | 217.0       | 40.92 | 231.8       | 44.14 | 246.6       | 47.54 | 276.8       | 53.14 | 307.4       | 59.04 |
|        | 16                               | 156.4                        | 29.16 | 186.8       | 35.28 | 217.0       | 41.76 | 231.8       | 45.00 | 246.6       | 48.42 | 276.8       | 54.16 | 307.4       | 60.06 |
|        | 18                               | 156.4                        | 29.66 | 186.8       | 35.98 | 217.0       | 42.46 | 231.8       | 46.02 | 246.6       | 49.42 | 276.8       | 55.34 | 307.4       | 63.08 |
|        | 20                               | 156.4                        | 30.16 | 186.8       | 36.64 | 217.0       | 43.30 | 231.8       | 46.88 | 246.6       | 51.30 | 276.8       | 59.22 | 307.4       | 66.10 |
|        | 21                               | 156.4                        | 30.52 | 186.8       | 36.98 | 217.0       | 44.14 | 231.8       | 48.42 | 246.6       | 53.18 | 276.8       | 60.20 | 307.4       | 67.60 |
|        | 23                               | 156.4                        | 31.20 | 186.8       | 38.52 | 217.0       | 47.22 | 231.8       | 52.00 | 246.6       | 56.94 | 276.8       | 63.84 | 307.4       | 71.76 |
|        | 25                               | 156.4                        | 32.74 | 186.8       | 41.08 | 217.0       | 50.46 | 231.8       | 55.56 | 246.6       | 60.84 | 276.8       | 68.26 | 307.4       | 75.92 |
|        | 27                               | 156.4                        | 34.94 | 186.8       | 43.82 | 217.0       | 53.86 | 231.8       | 59.32 | 246.6       | 65.10 | 276.8       | 72.58 | 307.4       | 80.68 |
|        | 29                               | 156.4                        | 36.98 | 186.8       | 46.70 | 217.0       | 57.62 | 231.8       | 63.40 | 246.6       | 69.56 | 276.8       | 76.86 | 307.4       | 85.20 |
|        | 31                               | 156.4                        | 39.36 | 186.8       | 49.78 | 217.0       | 61.36 | 231.8       | 67.50 | 246.6       | 74.16 | 276.8       | 80.72 | 307.4       | 89.86 |
|        | 33                               | 156.4                        | 41.94 | 186.8       | 53.02 | 217.0       | 65.44 | 231.8       | 71.92 | 246.6       | 78.64 | 276.8       | 84.62 | 305.6       | 94.14 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 156.4                        | 44.48 | 186.8       | 56.24 | 217.0       | 69.56 | 231.8       | 76.70 | 246.6       | 83.40 | 276.8       | 91.02 | 300.8       | 99.46 |
|        | 37                              | 156.4                        | 47.22 | 186.8       | 59.84 | 217.0       | 74.16 | 231.8       | 81.48 | 246.6       | 88.04 | 276.8       | 96.70 | 296.0       | 103.9 |
|        | 39                              | 156.4                        | 50.00 | 186.8       | 63.64 | 217.0       | 78.48 | 231.8       | 86.72 | 246.6       | 92.58 | 276.8       | 103.7 | 291.4       | 108.5 |
|        | 41                              | 156.4                        | 57.96 | 186.8       | 73.10 | 217.0       | 89.26 | 231.8       | 98.28 | 246.6       | 103.6 | 274.4       | 114.1 | 279.2       | 116.7 |
|        | 43                              | 156.4                        | 64.78 | 186.8       | 81.82 | 217.0       | 101.0 | 231.8       | 109.6 | 246.6       | 115.0 | 263.0       | 123.3 | 267.8       | 124.8 |
|        | 46                              | 151.4                        | 76.46 | 180.8       | 97.70 | 210.2       | 120.6 | 224.4       | 130.3 | 231.4       | 133.9 | 240.0       | 136.5 | 244.6       | 137.6 |
|        | 48                              | 133.8                        | 67.52 | 159.8       | 86.30 | 186.0       | 106.6 | 198.6       | 114.8 | 201.0       | 116.6 | 208.6       | 116.9 | 212.8       | 117.9 |
|        | 50                              | 116.4                        | 58.38 | 139.2       | 74.72 | 161.8       | 92.30 | 172.6       | 99.02 | 170.6       | 98.88 | 177.2       | 97.00 | 180.6       | 97.74 |
|        | 52                              | 99.00                        | 49.04 | 118.2       | 62.86 | 137.4       | 77.72 | 146.8       | 82.90 | 140.0       | 80.80 | 145.8       | 76.64 | 148.8       | 77.20 |
| 80     | 10                              | 138.8                        | 25.92 | 165.6       | 31.16 | 192.4       | 36.56 | 206.2       | 39.44 | 220.0       | 42.32 | 246.6       | 48.26 | 273.2       | 52.40 |
|        | 12                              | 138.8                        | 26.48 | 165.6       | 31.52 | 192.4       | 37.26 | 206.2       | 40.16 | 220.0       | 43.04 | 246.6       | 49.16 | 273.2       | 53.44 |
|        | 14                              | 138.8                        | 26.84 | 165.6       | 32.22 | 192.4       | 37.82 | 206.2       | 40.88 | 220.0       | 43.76 | 246.6       | 50.08 | 273.2       | 54.46 |
|        | 16                              | 138.8                        | 27.18 | 165.6       | 32.78 | 192.4       | 38.54 | 206.2       | 41.60 | 220.0       | 44.66 | 246.6       | 51.14 | 273.2       | 55.52 |
|        | 18                              | 138.8                        | 27.72 | 165.6       | 33.32 | 192.4       | 39.26 | 206.2       | 42.32 | 220.0       | 45.56 | 246.6       | 52.04 | 273.2       | 56.72 |
|        | 20                              | 138.8                        | 28.28 | 165.6       | 34.02 | 192.4       | 40.16 | 206.2       | 43.22 | 220.0       | 46.46 | 246.6       | 54.02 | 273.2       | 60.10 |
|        | 21                              | 138.8                        | 28.46 | 165.6       | 34.40 | 192.4       | 40.52 | 206.2       | 43.76 | 220.0       | 47.54 | 246.6       | 55.74 | 273.2       | 61.68 |
|        | 23                              | 138.8                        | 28.98 | 165.6       | 34.94 | 192.4       | 42.32 | 206.2       | 46.46 | 220.0       | 50.78 | 246.6       | 58.84 | 273.2       | 64.74 |
|        | 25                              | 138.8                        | 30.08 | 165.6       | 37.26 | 192.4       | 45.38 | 206.2       | 49.70 | 220.0       | 54.38 | 246.6       | 62.96 | 273.2       | 69.22 |
|        | 27                              | 138.8                        | 31.88 | 165.6       | 39.62 | 192.4       | 48.44 | 206.2       | 53.12 | 220.0       | 57.98 | 246.6       | 66.90 | 273.2       | 72.84 |
|        | 29                              | 138.8                        | 33.84 | 165.6       | 42.32 | 192.4       | 51.50 | 206.2       | 56.56 | 220.0       | 61.94 | 246.6       | 71.70 | 273.2       | 76.48 |
|        | 31                              | 138.8                        | 36.02 | 165.6       | 44.84 | 192.4       | 54.94 | 206.2       | 60.32 | 220.0       | 65.90 | 246.6       | 76.08 | 273.2       | 80.28 |
|        | 33                              | 138.8                        | 38.18 | 165.6       | 47.90 | 192.4       | 58.52 | 206.2       | 64.28 | 220.0       | 70.22 | 246.6       | 80.16 | 273.2       | 84.14 |
|        | 35                              | 138.8                        | 40.52 | 165.6       | 50.78 | 192.4       | 62.30 | 206.2       | 68.42 | 220.0       | 74.92 | 246.6       | 84.98 | 273.2       | 89.88 |
|        | 37                              | 138.8                        | 42.86 | 165.6       | 53.98 | 192.4       | 66.10 | 206.2       | 72.76 | 220.0       | 79.60 | 246.6       | 89.70 | 273.2       | 95.54 |
|        | 39                              | 138.8                        | 45.30 | 165.6       | 57.08 | 192.4       | 70.70 | 206.2       | 78.22 | 220.0       | 85.54 | 246.6       | 94.78 | 273.2       | 102.5 |
|        | 41                              | 138.8                        | 51.92 | 165.6       | 65.54 | 192.4       | 80.42 | 206.2       | 88.84 | 220.0       | 97.42 | 246.6       | 105.7 | 272.4       | 114.5 |
|        | 43                              | 138.8                        | 59.18 | 165.6       | 74.08 | 192.4       | 90.90 | 206.2       | 100.3 | 220.0       | 110.2 | 246.6       | 117.2 | 261.2       | 123.8 |
|        | 46                              | 134.6                        | 69.06 | 160.2       | 87.48 | 186.2       | 107.4 | 199.4       | 117.0 | 212.8       | 130.4 | 233.0       | 136.7 | 238.4       | 137.9 |
|        | 48                              | 118.8                        | 60.90 | 141.8       | 77.28 | 164.8       | 94.86 | 176.4       | 103.3 | 188.2       | 115.3 | 202.4       | 117.1 | 207.0       | 118.1 |
|        | 50                              | 103.4                        | 52.62 | 123.4       | 66.86 | 143.2       | 82.10 | 153.4       | 89.20 | 163.8       | 99.90 | 171.6       | 97.18 | 176.0       | 97.92 |
|        | 52                              | 87.80                        | 44.14 | 104.8       | 56.22 | 121.6       | 69.06 | 130.4       | 74.86 | 139.2       | 84.18 | 141.0       | 76.76 | 144.6       | 77.32 |
| 70     | 10                              | 121.4                        | 22.94 | 145.4       | 27.28 | 168.4       | 31.62 | 180.2       | 34.16 | 192.4       | 36.52 | 215.4       | 41.56 | 239.2       | 46.50 |
|        | 12                              | 121.4                        | 23.32 | 145.4       | 27.66 | 168.4       | 32.36 | 180.2       | 34.72 | 192.4       | 37.22 | 215.4       | 42.30 | 239.2       | 47.38 |
|        | 14                              | 121.4                        | 23.68 | 145.4       | 28.02 | 168.4       | 32.88 | 180.2       | 35.24 | 192.4       | 37.78 | 215.4       | 43.20 | 239.2       | 48.24 |
|        | 16                              | 121.4                        | 24.04 | 145.4       | 28.56 | 168.4       | 33.44 | 180.2       | 35.96 | 192.4       | 38.50 | 215.4       | 43.92 | 239.2       | 49.26 |
|        | 18                              | 121.4                        | 24.40 | 145.4       | 29.10 | 168.4       | 34.16 | 180.2       | 36.70 | 192.4       | 39.22 | 215.4       | 44.66 | 239.2       | 50.14 |
|        | 20                              | 121.4                        | 24.78 | 145.4       | 29.64 | 168.4       | 34.72 | 180.2       | 37.42 | 192.4       | 40.12 | 215.4       | 45.72 | 239.2       | 52.06 |
|        | 21                              | 121.4                        | 25.12 | 145.4       | 29.82 | 168.4       | 35.06 | 180.2       | 37.78 | 192.4       | 40.50 | 215.4       | 46.46 | 239.2       | 53.16 |
|        | 23                              | 121.4                        | 25.48 | 145.4       | 30.56 | 168.4       | 35.78 | 180.2       | 39.04 | 192.4       | 42.48 | 215.4       | 49.70 | 239.2       | 56.12 |
|        | 25                              | 121.4                        | 25.84 | 145.4       | 31.62 | 168.4       | 38.14 | 180.2       | 41.76 | 192.4       | 45.36 | 215.4       | 53.14 | 239.2       | 58.84 |
|        | 27                              | 121.4                        | 27.28 | 145.4       | 33.80 | 168.4       | 40.68 | 180.2       | 44.28 | 192.4       | 48.44 | 215.4       | 56.74 | 239.2       | 62.54 |
|        | 29                              | 121.4                        | 29.10 | 145.4       | 35.78 | 168.4       | 43.20 | 180.2       | 47.16 | 192.4       | 51.50 | 215.4       | 60.56 | 239.2       | 67.00 |
|        | 31                              | 121.4                        | 30.90 | 145.4       | 38.14 | 168.4       | 46.10 | 180.2       | 50.44 | 192.4       | 54.94 | 215.4       | 64.54 | 239.2       | 71.10 |
|        | 33                              | 121.4                        | 32.72 | 145.4       | 40.32 | 168.4       | 48.98 | 180.2       | 53.50 | 192.4       | 58.38 | 215.4       | 68.68 | 239.2       | 75.70 |
|        | 35                              | 121.4                        | 34.52 | 145.4       | 43.04 | 168.4       | 52.06 | 180.2       | 56.92 | 192.4       | 62.18 | 215.4       | 73.20 | 239.2       | 80.26 |
|        | 37                              | 121.4                        | 36.70 | 145.4       | 45.58 | 168.4       | 55.30 | 180.2       | 60.56 | 192.4       | 66.16 | 215.4       | 77.90 | 239.2       | 84.72 |
|        | 39                              | 121.4                        | 38.96 | 145.4       | 48.60 | 168.4       | 59.14 | 180.2       | 65.14 | 192.4       | 71.46 | 215.4       | 83.36 | 239.2       | 91.32 |
|        | 41                              | 121.4                        | 44.64 | 145.4       | 55.16 | 168.4       | 67.22 | 180.2       | 74.04 | 192.4       | 80.52 | 215.4       | 94.90 | 239.2       | 102.1 |
|        | 43                              | 121.4                        | 50.32 | 145.4       | 62.26 | 168.4       | 75.96 | 180.2       | 83.60 | 192.4       | 91.04 | 215.4       | 107.4 | 239.2       | 114.3 |
|        | 46                              | 117.6                        | 58.62 | 140.6       | 73.40 | 163.0       | 89.70 | 174.4       | 97.66 | 186.2       | 107.6 | 208.4       | 127.0 | 231.6       | 133.6 |
|        | 48                              | 104.0                        | 51.68 | 124.6       | 64.76 | 144.2       | 79.22 | 154.4       | 86.20 | 164.8       | 95.10 | 184.4       | 112.2 | 204.8       | 116.8 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 90.40                        | 44.60 | 108.2       | 55.94 | 125.4       | 68.50 | 134.2       | 74.52 | 143.2       | 82.34 | 160.2       | 97.20 | 178.2       | 99.66 |
|        | 52                              | 77.00                        | 37.38 | 92.00       | 46.96 | 106.6       | 57.60 | 114.2       | 62.60 | 121.6       | 69.30 | 136.2       | 81.86 | 151.4       | 82.16 |
| 60     | 10                              | 104.0                        | 19.96 | 124.2       | 23.40 | 144.4       | 27.20 | 154.6       | 29.20 | 164.8       | 31.02 | 184.8       | 35.20 | 205.2       | 39.36 |
|        | 12                              | 104.0                        | 20.32 | 124.2       | 23.76 | 144.4       | 27.58 | 154.6       | 29.56 | 164.8       | 31.56 | 184.8       | 35.74 | 205.2       | 40.10 |
|        | 14                              | 104.0                        | 20.50 | 124.2       | 24.12 | 144.4       | 28.12 | 154.6       | 30.12 | 164.8       | 32.10 | 184.8       | 36.46 | 205.2       | 40.82 |
|        | 16                              | 104.0                        | 20.86 | 124.2       | 24.66 | 144.4       | 28.48 | 154.6       | 30.66 | 164.8       | 32.84 | 184.8       | 37.18 | 205.2       | 41.54 |
|        | 18                              | 104.0                        | 21.24 | 124.2       | 25.04 | 144.4       | 29.02 | 154.6       | 31.22 | 164.8       | 33.38 | 184.8       | 37.74 | 205.2       | 42.44 |
|        | 20                              | 104.0                        | 21.58 | 124.2       | 25.40 | 144.4       | 29.56 | 154.6       | 31.74 | 164.8       | 33.92 | 184.8       | 38.46 | 205.2       | 43.36 |
|        | 21                              | 104.0                        | 21.76 | 124.2       | 25.58 | 144.4       | 29.94 | 154.6       | 32.10 | 164.8       | 34.28 | 184.8       | 39.00 | 205.2       | 43.72 |
|        | 23                              | 104.0                        | 22.12 | 124.2       | 26.14 | 144.4       | 30.30 | 154.6       | 32.66 | 164.8       | 35.02 | 184.8       | 40.46 | 205.2       | 46.44 |
|        | 25                              | 104.0                        | 22.50 | 124.2       | 26.66 | 144.4       | 31.56 | 154.6       | 34.28 | 164.8       | 37.18 | 184.8       | 43.18 | 205.2       | 49.70 |
|        | 27                              | 104.0                        | 23.22 | 124.2       | 28.12 | 144.4       | 33.56 | 154.6       | 36.46 | 164.8       | 39.54 | 184.8       | 45.90 | 205.2       | 52.98 |
|        | 29                              | 104.0                        | 24.66 | 124.2       | 29.94 | 144.4       | 35.74 | 154.6       | 38.82 | 164.8       | 42.08 | 184.8       | 48.98 | 205.2       | 56.60 |
|        | 31                              | 104.0                        | 26.14 | 124.2       | 31.74 | 144.4       | 37.92 | 154.6       | 41.36 | 164.8       | 44.80 | 184.8       | 52.24 | 205.2       | 60.22 |
|        | 33                              | 104.0                        | 27.58 | 124.2       | 33.56 | 144.4       | 40.28 | 154.6       | 43.90 | 164.8       | 47.72 | 184.8       | 55.52 | 205.2       | 64.22 |
|        | 35                              | 104.0                        | 29.20 | 124.2       | 35.74 | 144.4       | 42.82 | 154.6       | 46.62 | 164.8       | 50.62 | 184.8       | 59.14 | 205.2       | 68.22 |
|        | 37                              | 104.0                        | 30.84 | 124.2       | 37.70 | 144.4       | 45.36 | 154.6       | 49.52 | 164.8       | 53.70 | 184.8       | 62.76 | 205.2       | 72.56 |
|        | 39                              | 104.0                        | 32.80 | 124.2       | 40.16 | 144.4       | 48.96 | 154.6       | 53.12 | 164.8       | 57.80 | 184.8       | 67.30 | 205.2       | 77.76 |
|        | 41                              | 104.0                        | 36.86 | 124.2       | 45.54 | 144.4       | 55.08 | 154.6       | 60.16 | 164.8       | 65.02 | 184.8       | 76.54 | 205.2       | 87.58 |
|        | 43                              | 104.0                        | 41.48 | 124.2       | 51.34 | 144.4       | 62.20 | 154.6       | 67.88 | 164.8       | 73.40 | 184.8       | 86.54 | 205.2       | 99.04 |
|        | 46                              | 100.8                        | 48.72 | 120.4       | 60.46 | 139.8       | 73.34 | 149.6       | 80.00 | 159.4       | 86.62 | 179.0       | 102.2 | 198.6       | 118.3 |
|        | 48                              | 89.00                        | 42.90 | 106.2       | 53.30 | 123.8       | 64.74 | 132.4       | 70.60 | 141.0       | 76.46 | 158.4       | 90.32 | 175.6       | 104.6 |
|        | 50                              | 77.40                        | 36.92 | 92.40       | 46.00 | 107.6       | 55.94 | 115.0       | 60.98 | 122.6       | 66.10 | 137.6       | 78.16 | 152.8       | 90.56 |
|        | 52                              | 65.80                        | 30.86 | 78.60       | 38.54 | 91.40       | 46.96 | 97.80       | 51.18 | 104.2       | 55.52 | 117.0       | 65.74 | 130.0       | 76.24 |
| 50     | 10                              | 87.00                        | 17.30 | 104.0       | 20.02 | 120.4       | 22.76 | 128.8       | 24.40 | 137.2       | 25.84 | 153.6       | 29.12 | 171.0       | 32.40 |
|        | 12                              | 87.00                        | 17.48 | 104.0       | 20.20 | 120.4       | 23.12 | 128.8       | 24.76 | 137.2       | 26.40 | 153.6       | 29.68 | 171.0       | 32.96 |
|        | 14                              | 87.00                        | 17.66 | 104.0       | 20.58 | 120.4       | 23.48 | 128.8       | 25.14 | 137.2       | 26.76 | 153.6       | 30.04 | 171.0       | 33.50 |
|        | 16                              | 87.00                        | 18.04 | 104.0       | 20.94 | 120.4       | 23.86 | 128.8       | 25.66 | 137.2       | 27.12 | 153.6       | 30.58 | 171.0       | 34.04 |
|        | 18                              | 87.00                        | 18.22 | 104.0       | 21.12 | 120.4       | 24.22 | 128.8       | 26.04 | 137.2       | 27.68 | 153.6       | 31.14 | 171.0       | 34.78 |
|        | 20                              | 87.00                        | 18.40 | 104.0       | 21.50 | 120.4       | 24.76 | 128.8       | 26.40 | 137.2       | 28.22 | 153.6       | 31.68 | 171.0       | 35.50 |
|        | 21                              | 87.00                        | 18.56 | 104.0       | 21.68 | 120.4       | 24.96 | 128.8       | 26.76 | 137.2       | 28.42 | 153.6       | 32.04 | 171.0       | 35.86 |
|        | 23                              | 87.00                        | 18.92 | 104.0       | 22.02 | 120.4       | 25.30 | 128.8       | 27.12 | 137.2       | 28.94 | 153.6       | 32.58 | 171.0       | 36.60 |
|        | 25                              | 87.00                        | 19.12 | 104.0       | 22.38 | 120.4       | 25.84 | 128.8       | 27.68 | 137.2       | 29.86 | 153.6       | 34.24 | 171.0       | 39.14 |
|        | 27                              | 87.00                        | 19.48 | 104.0       | 23.12 | 120.4       | 27.32 | 128.8       | 29.50 | 137.2       | 31.68 | 153.6       | 36.60 | 171.0       | 41.70 |
|        | 29                              | 87.00                        | 20.58 | 104.0       | 24.58 | 120.4       | 28.94 | 128.8       | 31.32 | 137.2       | 33.68 | 153.6       | 38.78 | 171.0       | 44.24 |
|        | 31                              | 87.00                        | 21.68 | 104.0       | 26.04 | 120.4       | 30.78 | 128.8       | 33.14 | 137.2       | 35.86 | 153.6       | 41.34 | 171.0       | 47.16 |
|        | 33                              | 87.00                        | 22.94 | 104.0       | 27.50 | 120.4       | 32.58 | 128.8       | 35.14 | 137.2       | 38.06 | 153.6       | 43.88 | 171.0       | 50.24 |
|        | 35                              | 87.00                        | 24.22 | 104.0       | 29.12 | 120.4       | 34.42 | 128.8       | 37.32 | 137.2       | 40.24 | 153.6       | 46.42 | 171.0       | 53.34 |
|        | 37                              | 87.00                        | 25.66 | 104.0       | 30.78 | 120.4       | 36.42 | 128.8       | 39.50 | 137.2       | 42.60 | 153.6       | 49.52 | 171.0       | 56.62 |
|        | 39                              | 87.00                        | 27.38 | 104.0       | 32.98 | 120.4       | 39.02 | 128.8       | 42.52 | 137.2       | 45.72 | 153.6       | 52.74 | 171.0       | 61.16 |
|        | 41                              | 87.00                        | 30.68 | 104.0       | 37.00 | 120.4       | 44.22 | 128.8       | 47.72 | 137.2       | 51.32 | 153.6       | 59.94 | 171.0       | 68.84 |
|        | 43                              | 87.00                        | 34.54 | 104.0       | 41.68 | 120.4       | 49.82 | 128.8       | 53.84 | 137.2       | 57.88 | 153.6       | 67.66 | 171.0       | 77.74 |
|        | 46                              | 84.20                        | 40.56 | 100.8       | 49.02 | 116.6       | 58.60 | 124.6       | 63.38 | 132.6       | 68.12 | 148.8       | 79.84 | 165.6       | 91.80 |
|        | 48                              | 74.40                        | 35.70 | 89.00       | 43.18 | 103.2       | 51.64 | 110.4       | 55.90 | 117.4       | 60.08 | 131.6       | 70.48 | 146.4       | 81.06 |
|        | 50                              | 64.80                        | 30.76 | 77.40       | 37.24 | 89.80       | 44.52 | 95.80       | 48.24 | 102.0       | 51.82 | 114.4       | 60.92 | 127.4       | 70.10 |
|        | 52                              | 55.20                        | 25.70 | 65.80       | 31.18 | 76.20       | 37.28 | 81.60       | 40.42 | 86.60       | 43.44 | 97.40       | 51.18 | 108.4       | 58.92 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM940LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 260.8                        | 42.64 | 310.6       | 52.09 | 332.9       | 60.43 | 342.3       | 61.66 | 351.7       | 62.15 | 368.9       | 62.65 | 378.3       | 62.89 |
|        | 12                              | 260.8                        | 43.68 | 310.6       | 53.97 | 332.9       | 62.92 | 342.3       | 63.34 | 351.7       | 63.84 | 368.9       | 64.34 | 378.3       | 64.92 |
|        | 14                              | 260.8                        | 45.14 | 310.6       | 55.93 | 332.9       | 65.30 | 342.3       | 65.76 | 351.7       | 66.30 | 368.9       | 66.80 | 378.3       | 67.41 |
|        | 16                              | 260.8                        | 46.79 | 310.6       | 57.85 | 332.9       | 68.22 | 342.3       | 68.84 | 351.7       | 69.38 | 368.9       | 70.02 | 378.3       | 70.57 |
|        | 18                              | 260.8                        | 48.75 | 310.6       | 61.20 | 332.9       | 71.34 | 342.3       | 72.87 | 351.7       | 73.45 | 368.9       | 74.18 | 378.3       | 74.71 |
|        | 20                              | 260.8                        | 50.90 | 310.6       | 65.22 | 332.9       | 74.87 | 342.3       | 80.17 | 351.7       | 80.82 | 368.9       | 82.82 | 378.3       | 83.36 |
|        | 21                              | 260.8                        | 52.24 | 310.6       | 67.49 | 332.9       | 76.44 | 342.3       | 84.82 | 351.7       | 85.51 | 368.9       | 88.12 | 378.3       | 88.69 |
|        | 23                              | 260.8                        | 56.05 | 310.6       | 70.99 | 332.9       | 80.40 | 342.3       | 93.61 | 351.7       | 95.57 | 368.9       | 98.69 | 378.3       | 99.30 |
|        | 25                              | 260.8                        | 59.88 | 310.6       | 75.10 | 332.9       | 85.93 | 342.3       | 105.1 | 351.7       | 107.6 | 368.9       | 110.8 | 378.3       | 111.4 |
|        | 27                              | 260.8                        | 64.07 | 310.6       | 80.28 | 332.9       | 92.70 | 342.3       | 117.6 | 351.7       | 119.9 | 368.9       | 123.5 | 378.3       | 124.5 |
|        | 29                              | 260.8                        | 68.26 | 310.6       | 85.82 | 332.9       | 101.4 | 342.3       | 131.1 | 351.7       | 133.6 | 368.9       | 137.4 | 378.3       | 137.6 |
|        | 31                              | 260.8                        | 72.83 | 310.6       | 90.69 | 332.9       | 109.7 | 342.3       | 132.5 | 351.7       | 135.0 | 366.2       | 138.0 | 376.7       | 138.6 |
|        | 33                              | 260.8                        | 77.60 | 310.6       | 97.80 | 332.9       | 119.2 | 342.3       | 133.1 | 351.3       | 135.5 | 361.5       | 136.8 | 370.9       | 137.3 |
|        | 35                              | 260.8                        | 82.74 | 310.6       | 104.2 | 332.9       | 131.4 | 340.8       | 133.0 | 346.6       | 133.8 | 356.0       | 135.0 | 366.2       | 135.5 |
|        | 37                              | 260.8                        | 88.24 | 310.6       | 110.9 | 330.6       | 130.5 | 335.2       | 131.2 | 340.8       | 132.0 | 350.2       | 133.2 | 360.7       | 133.7 |
|        | 39                              | 260.8                        | 93.96 | 310.6       | 118.9 | 324.7       | 128.8 | 330.6       | 129.5 | 335.2       | 130.2 | 345.5       | 131.4 | 356.0       | 131.9 |
|        | 41                              | 260.8                        | 103.3 | 301.6       | 127.7 | 311.7       | 128.3 | 316.4       | 129.0 | 322.4       | 129.7 | 332.1       | 130.9 | 341.1       | 131.4 |
|        | 43                              | 260.8                        | 112.9 | 289.0       | 127.2 | 298.9       | 127.9 | 303.5       | 128.5 | 309.4       | 129.3 | 319.2       | 130.4 | 327.8       | 130.9 |
|        | 46                              | 252.3                        | 126.7 | 263.6       | 126.5 | 273.0       | 127.1 | 277.3       | 127.7 | 283.2       | 128.5 | 292.1       | 129.7 | 300.0       | 130.2 |
|        | 48                              | 223.2                        | 124.5 | 228.8       | 124.9 | 237.4       | 125.1 | 241.2       | 125.5 | 246.4       | 126.5 | 254.2       | 127.4 | 261.3       | 127.9 |
|        | 50                              | 194.2                        | 122.2 | 194.3       | 123.2 | 201.7       | 123.1 | 205.2       | 123.1 | 209.5       | 124.5 | 216.6       | 125.0 | 222.5       | 125.5 |
|        | 52                              | 164.9                        | 119.8 | 159.4       | 121.5 | 166.1       | 121.0 | 168.8       | 120.7 | 172.7       | 122.5 | 178.6       | 122.5 | 183.7       | 123.0 |
| 120    | 10                              | 235.8                        | 38.34 | 280.4       | 47.02 | 306.6       | 55.86 | 315.7       | 60.39 | 325.1       | 61.34 | 342.7       | 61.58 | 351.3       | 62.08 |
|        | 12                              | 235.8                        | 39.38 | 280.4       | 48.60 | 306.6       | 58.12 | 315.7       | 61.66 | 325.1       | 63.61 | 342.7       | 64.38 | 351.3       | 64.88 |
|        | 14                              | 235.8                        | 40.75 | 280.4       | 50.25 | 306.6       | 60.46 | 315.7       | 64.00 | 325.1       | 65.95 | 342.7       | 66.92 | 351.3       | 67.45 |
|        | 16                              | 235.8                        | 42.21 | 280.4       | 52.32 | 306.6       | 62.81 | 315.7       | 66.38 | 325.1       | 68.99 | 342.7       | 69.84 | 351.3       | 70.41 |
|        | 18                              | 235.8                        | 43.87 | 280.4       | 54.66 | 306.6       | 65.31 | 315.7       | 69.88 | 325.1       | 72.53 | 342.7       | 73.37 | 351.3       | 73.94 |
|        | 20                              | 235.8                        | 45.52 | 280.4       | 57.97 | 306.6       | 68.84 | 315.7       | 73.56 | 325.1       | 76.37 | 342.7       | 77.37 | 351.3       | 77.98 |
|        | 21                              | 235.8                        | 46.90 | 280.4       | 60.08 | 306.6       | 70.76 | 315.7       | 75.71 | 325.1       | 78.87 | 342.7       | 79.90 | 351.3       | 80.52 |
|        | 23                              | 235.8                        | 50.13 | 280.4       | 64.26 | 306.6       | 75.83 | 315.7       | 80.44 | 325.1       | 84.09 | 342.7       | 84.94 | 351.3       | 85.62 |
|        | 25                              | 235.8                        | 53.59 | 280.4       | 68.84 | 306.6       | 79.98 | 315.7       | 85.74 | 325.1       | 90.19 | 342.7       | 92.04 | 351.3       | 92.77 |
|        | 27                              | 235.8                        | 57.20 | 280.4       | 73.60 | 306.6       | 85.09 | 315.7       | 91.62 | 325.1       | 96.92 | 342.7       | 100.3 | 351.3       | 101.0 |
|        | 29                              | 235.8                        | 61.00 | 280.4       | 78.56 | 306.6       | 89.54 | 315.7       | 98.07 | 325.1       | 105.0 | 342.7       | 109.5 | 351.3       | 109.9 |
|        | 31                              | 235.8                        | 65.03 | 280.4       | 83.90 | 306.6       | 94.19 | 315.7       | 106.4 | 325.1       | 114.1 | 342.7       | 119.3 | 351.3       | 120.1 |
|        | 33                              | 235.8                        | 69.22 | 280.4       | 89.43 | 306.6       | 101.0 | 315.7       | 117.5 | 325.1       | 124.5 | 342.7       | 129.3 | 351.3       | 130.1 |
|        | 35                              | 235.8                        | 73.60 | 280.4       | 95.34 | 306.6       | 108.8 | 315.7       | 131.7 | 325.1       | 133.9 | 342.3       | 137.6 | 351.3       | 138.7 |
|        | 37                              | 235.8                        | 79.17 | 280.4       | 100.6 | 306.6       | 117.6 | 315.7       | 130.7 | 325.1       | 133.4 | 336.5       | 134.7 | 345.5       | 135.8 |
|        | 39                              | 235.8                        | 85.24 | 280.4       | 106.7 | 306.6       | 127.0 | 315.7       | 130.3 | 321.9       | 131.6 | 332.1       | 132.0 | 341.1       | 133.0 |
|        | 41                              | 235.8                        | 94.63 | 280.4       | 118.8 | 300.4       | 128.4 | 304.7       | 129.5 | 309.0       | 130.1 | 318.0       | 130.5 | 327.0       | 131.5 |
|        | 43                              | 235.8                        | 104.6 | 278.4       | 122.5 | 287.9       | 126.7 | 292.2       | 128.0 | 296.5       | 128.6 | 305.1       | 129.0 | 314.1       | 130.0 |
|        | 46                              | 228.3                        | 118.0 | 253.8       | 121.4 | 263.2       | 124.7 | 266.8       | 125.7 | 271.0       | 126.3 | 279.2       | 126.7 | 287.5       | 127.7 |
|        | 48                              | 202.1                        | 116.8 | 220.5       | 120.5 | 228.7       | 123.5 | 231.9       | 124.2 | 235.7       | 124.6 | 242.8       | 125.1 | 250.3       | 125.6 |
|        | 50                              | 175.5                        | 115.5 | 186.8       | 119.6 | 194.3       | 122.3 | 197.1       | 122.8 | 200.2       | 122.9 | 206.8       | 123.6 | 213.0       | 123.5 |
|        | 52                              | 149.2                        | 114.3 | 153.5       | 118.6 | 159.8       | 121.1 | 162.2       | 121.3 | 164.9       | 121.2 | 170.4       | 122.0 | 175.8       | 121.4 |
| 110    | 10                              | 211.5                        | 34.49 | 251.9       | 42.03 | 281.6       | 49.94 | 289.4       | 54.05 | 307.8       | 58.16 | 314.9       | 59.78 | 336.1       | 60.77 |
|        | 12                              | 211.5                        | 35.57 | 251.9       | 43.45 | 281.6       | 52.01 | 289.4       | 55.58 | 307.8       | 60.35 | 314.9       | 62.31 | 336.1       | 63.73 |
|        | 14                              | 211.5                        | 36.68 | 251.9       | 45.41 | 281.6       | 54.36 | 289.4       | 58.32 | 307.8       | 63.39 | 314.9       | 65.19 | 336.1       | 66.57 |
|        | 16                              | 211.5                        | 37.99 | 251.9       | 47.06 | 281.6       | 56.62 | 289.4       | 60.88 | 307.8       | 66.31 | 314.9       | 68.14 | 336.1       | 69.34 |
|        | 18                              | 211.5                        | 39.38 | 251.9       | 49.02 | 281.6       | 59.88 | 289.4       | 64.11 | 307.8       | 69.95 | 314.9       | 71.34 | 336.1       | 72.68 |
|        | 20                              | 211.5                        | 40.80 | 251.9       | 51.48 | 281.6       | 63.50 | 289.4       | 67.07 | 307.8       | 73.37 | 314.9       | 75.17 | 336.1       | 76.37 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 211.5                        | 41.71 | 251.9       | 53.01 | 281.6       | 65.11 | 289.4       | 68.84 | 307.8       | 75.40 | 314.9       | 77.29 | 336.1       | 78.52 |
|        | 23                               | 211.5                        | 44.44 | 251.9       | 56.82 | 281.6       | 68.76 | 289.4       | 72.68 | 307.8       | 79.67 | 314.9       | 81.36 | 336.1       | 82.71 |
|        | 25                               | 211.5                        | 47.48 | 251.9       | 60.62 | 281.6       | 72.64 | 289.4       | 76.86 | 307.8       | 84.16 | 314.9       | 85.36 | 336.1       | 88.19 |
|        | 27                               | 211.5                        | 50.71 | 251.9       | 64.84 | 281.6       | 76.75 | 289.4       | 81.32 | 307.8       | 87.89 | 314.9       | 89.89 | 336.1       | 93.96 |
|        | 29                               | 211.5                        | 54.16 | 251.9       | 69.22 | 281.6       | 81.13 | 289.4       | 86.13 | 307.8       | 92.88 | 314.9       | 94.49 | 336.1       | 99.80 |
|        | 31                               | 211.5                        | 57.58 | 251.9       | 73.79 | 281.6       | 85.74 | 289.4       | 91.27 | 307.8       | 99.22 | 314.9       | 100.8 | 336.1       | 106.3 |
|        | 33                               | 211.5                        | 61.39 | 251.9       | 78.56 | 281.6       | 90.58 | 289.4       | 96.69 | 307.8       | 106.3 | 314.9       | 107.9 | 336.1       | 112.9 |
|        | 35                               | 211.5                        | 65.22 | 251.9       | 83.90 | 281.6       | 95.65 | 289.4       | 102.5 | 307.8       | 114.1 | 314.9       | 115.0 | 335.7       | 119.9 |
|        | 37                               | 211.5                        | 69.11 | 251.9       | 89.04 | 281.6       | 101.0 | 289.4       | 110.1 | 307.8       | 122.4 | 314.9       | 122.2 | 330.2       | 125.5 |
|        | 39                               | 211.5                        | 74.52 | 251.9       | 94.61 | 281.6       | 108.5 | 289.4       | 119.9 | 307.8       | 130.3 | 314.9       | 130.3 | 325.8       | 131.2 |
|        | 41                               | 211.5                        | 82.84 | 251.9       | 103.9 | 281.6       | 120.8 | 289.4       | 136.7 | 295.7       | 137.9 | 304.3       | 139.0 | 312.1       | 140.1 |
|        | 43                               | 211.5                        | 90.08 | 251.9       | 112.1 | 275.4       | 132.1 | 280.0       | 133.6 | 283.6       | 133.3 | 292.2       | 134.1 | 299.6       | 134.5 |
|        | 46                               | 204.5                        | 92.23 | 244.0       | 113.5 | 251.4       | 127.3 | 255.8       | 127.3 | 258.9       | 128.4 | 267.1       | 129.1 | 273.8       | 129.5 |
|        | 48                               | 181.0                        | 90.51 | 211.9       | 110.5 | 218.2       | 122.4 | 222.4       | 123.2 | 225.2       | 123.8 | 232.2       | 124.2 | 238.5       | 124.7 |
|        | 50                               | 157.4                        | 88.73 | 180.2       | 107.4 | 185.3       | 117.4 | 188.8       | 119.0 | 191.5       | 119.1 | 197.4       | 119.1 | 202.9       | 119.8 |
| 100    | 52                               | 133.6                        | 86.94 | 148.4       | 104.2 | 152.3       | 112.3 | 155.5       | 114.8 | 157.5       | 114.3 | 162.6       | 113.9 | 167.2       | 114.7 |
|        | 10                               | 177.8                        | 31.07 | 211.5       | 37.76 | 246.3       | 44.79 | 263.2       | 48.40 | 280.1       | 52.01 | 310.6       | 57.89 | 317.3       | 58.35 |
|        | 12                               | 177.8                        | 32.04 | 211.5       | 39.30 | 246.3       | 46.29 | 263.2       | 49.71 | 280.1       | 53.66 | 310.6       | 61.00 | 317.3       | 61.61 |
|        | 14                               | 177.8                        | 33.07 | 211.5       | 40.87 | 246.3       | 48.25 | 263.2       | 51.86 | 280.1       | 55.97 | 310.6       | 64.42 | 317.3       | 65.00 |
|        | 16                               | 177.8                        | 34.07 | 211.5       | 42.22 | 246.3       | 50.32 | 263.2       | 54.31 | 280.1       | 58.97 | 310.6       | 67.53 | 317.3       | 68.46 |
|        | 18                               | 177.8                        | 35.07 | 211.5       | 43.79 | 246.3       | 52.28 | 263.2       | 56.97 | 280.1       | 62.54 | 310.6       | 71.33 | 317.3       | 71.91 |
|        | 20                               | 177.8                        | 36.34 | 211.5       | 45.44 | 246.3       | 55.28 | 263.2       | 61.00 | 280.1       | 66.92 | 310.6       | 74.75 | 317.3       | 75.33 |
|        | 21                               | 177.8                        | 37.07 | 211.5       | 46.52 | 246.3       | 57.20 | 263.2       | 63.11 | 280.1       | 69.41 | 310.6       | 76.45 | 317.3       | 77.06 |
|        | 23                               | 177.8                        | 39.29 | 211.5       | 49.78 | 246.3       | 61.39 | 263.2       | 67.69 | 280.1       | 74.37 | 310.6       | 80.06 | 317.3       | 80.71 |
|        | 25                               | 177.8                        | 41.76 | 211.5       | 53.01 | 246.3       | 65.58 | 263.2       | 72.45 | 280.1       | 79.51 | 310.6       | 83.47 | 317.3       | 84.86 |
|        | 27                               | 177.8                        | 44.60 | 211.5       | 56.62 | 246.3       | 70.18 | 263.2       | 77.41 | 280.1       | 84.55 | 310.6       | 89.15 | 317.3       | 89.93 |
|        | 29                               | 177.8                        | 47.48 | 211.5       | 60.43 | 246.3       | 74.94 | 263.2       | 82.74 | 280.1       | 89.47 | 310.6       | 94.50 | 317.3       | 94.99 |
|        | 31                               | 177.8                        | 50.71 | 211.5       | 64.46 | 246.3       | 79.90 | 263.2       | 88.28 | 280.1       | 94.00 | 310.6       | 99.64 | 317.3       | 100.2 |
|        | 33                               | 177.8                        | 53.78 | 211.5       | 68.64 | 246.3       | 85.24 | 263.2       | 94.19 | 280.1       | 97.54 | 310.6       | 105.0 | 317.3       | 105.6 |
|        | 35                               | 177.8                        | 57.20 | 211.5       | 73.02 | 246.3       | 90.77 | 263.2       | 100.4 | 280.1       | 102.6 | 309.0       | 110.3 | 316.9       | 111.2 |
| 90     | 37                               | 177.8                        | 61.27 | 211.5       | 78.33 | 246.3       | 96.15 | 263.2       | 105.3 | 280.1       | 109.2 | 303.5       | 115.4 | 310.6       | 116.5 |
|        | 39                               | 177.8                        | 65.69 | 211.5       | 84.13 | 246.3       | 101.9 | 263.2       | 110.4 | 280.1       | 116.4 | 298.5       | 121.0 | 305.5       | 122.1 |
|        | 41                               | 177.8                        | 71.93 | 211.5       | 92.32 | 246.3       | 110.5 | 263.2       | 121.6 | 280.1       | 127.2 | 287.1       | 127.8 | 296.5       | 129.0 |
|        | 43                               | 177.8                        | 79.63 | 211.5       | 102.4 | 246.3       | 121.1 | 263.2       | 133.0 | 266.3       | 133.5 | 274.5       | 134.0 | 281.6       | 135.2 |
|        | 46                               | 172.0                        | 89.85 | 204.8       | 115.8 | 238.5       | 134.7 | 240.4       | 141.4 | 242.9       | 141.9 | 250.7       | 142.3 | 257.4       | 143.6 |
|        | 48                               | 152.0                        | 78.39 | 181.0       | 101.2 | 206.0       | 116.3 | 208.8       | 121.3 | 211.1       | 121.7 | 217.8       | 121.9 | 224.0       | 122.9 |
|        | 50                               | 132.4                        | 66.71 | 157.5       | 86.35 | 173.1       | 97.59 | 177.4       | 100.7 | 179.0       | 101.0 | 185.2       | 101.2 | 190.4       | 101.8 |
|        | 52                               | 112.4                        | 54.73 | 133.9       | 71.14 | 140.6       | 78.47 | 146.0       | 79.61 | 147.3       | 79.96 | 152.4       | 79.96 | 156.7       | 80.15 |
|        | 10                               | 159.8                        | 28.97 | 190.8       | 34.84 | 221.7       | 41.06 | 236.9       | 44.29 | 251.9       | 47.67 | 282.8       | 53.32 | 314.1       | 58.43 |
|        | 12                               | 159.8                        | 29.34 | 190.8       | 35.38 | 221.7       | 41.79 | 236.9       | 45.17 | 251.9       | 48.71 | 282.8       | 54.39 | 314.1       | 60.35 |
|        | 14                               | 159.8                        | 29.88 | 190.8       | 36.10 | 221.7       | 42.68 | 236.9       | 46.05 | 251.9       | 49.59 | 282.8       | 55.43 | 314.1       | 61.58 |
|        | 16                               | 159.8                        | 30.42 | 190.8       | 36.80 | 221.7       | 43.56 | 236.9       | 46.94 | 251.9       | 50.51 | 282.8       | 56.50 | 314.1       | 62.65 |
|        | 18                               | 159.8                        | 30.93 | 190.8       | 37.53 | 221.7       | 44.29 | 236.9       | 48.01 | 251.9       | 51.55 | 282.8       | 57.73 | 314.1       | 65.80 |
|        | 20                               | 159.8                        | 31.46 | 190.8       | 38.22 | 221.7       | 45.17 | 236.9       | 48.90 | 251.9       | 53.51 | 282.8       | 61.77 | 314.1       | 68.95 |
|        | 21                               | 159.8                        | 31.84 | 190.8       | 38.57 | 221.7       | 46.05 | 236.9       | 50.51 | 251.9       | 55.47 | 282.8       | 62.80 | 314.1       | 70.52 |
|        | 23                               | 159.8                        | 32.54 | 190.8       | 40.18 | 221.7       | 49.25 | 236.9       | 54.24 | 251.9       | 59.39 | 282.8       | 66.60 | 314.1       | 74.86 |
|        | 25                               | 159.8                        | 34.15 | 190.8       | 42.86 | 221.7       | 52.63 | 236.9       | 57.96 | 251.9       | 63.46 | 282.8       | 71.21 | 314.1       | 79.20 |
|        | 27                               | 159.8                        | 36.45 | 190.8       | 45.71 | 221.7       | 56.19 | 236.9       | 61.88 | 251.9       | 67.91 | 282.8       | 75.71 | 314.1       | 84.16 |
|        | 29                               | 159.8                        | 38.57 | 190.8       | 48.71 | 221.7       | 60.11 | 236.9       | 66.14 | 251.9       | 72.56 | 282.8       | 80.17 | 314.1       | 88.88 |
|        | 31                               | 159.8                        | 41.06 | 190.8       | 51.93 | 221.7       | 64.00 | 236.9       | 70.41 | 251.9       | 77.36 | 282.8       | 84.20 | 314.1       | 93.73 |
|        | 33                               | 159.8                        | 43.75 | 190.8       | 55.31 | 221.7       | 68.26 | 236.9       | 75.02 | 251.9       | 82.04 | 282.8       | 88.27 | 312.2       | 98.19 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 159.8                        | 46.40 | 190.8       | 58.66 | 221.7       | 72.56 | 236.9       | 80.01 | 251.9       | 87.00 | 282.8       | 94.95 | 307.4       | 103.8 |
|        | 37                              | 159.8                        | 49.25 | 190.8       | 62.42 | 221.7       | 77.36 | 236.9       | 85.00 | 251.9       | 91.84 | 282.8       | 100.9 | 302.4       | 108.4 |
|        | 39                              | 159.8                        | 52.16 | 190.8       | 66.38 | 221.7       | 81.86 | 236.9       | 90.46 | 251.9       | 96.57 | 282.8       | 108.1 | 297.7       | 113.1 |
|        | 41                              | 159.8                        | 60.48 | 190.8       | 76.27 | 221.7       | 93.13 | 236.9       | 102.5 | 251.9       | 108.1 | 280.4       | 119.0 | 285.2       | 121.7 |
|        | 43                              | 159.8                        | 67.61 | 190.8       | 85.39 | 221.7       | 105.4 | 236.9       | 114.4 | 251.9       | 120.0 | 268.7       | 128.7 | 273.7       | 130.3 |
|        | 46                              | 154.7                        | 79.83 | 184.8       | 102.0 | 214.7       | 125.9 | 229.2       | 136.0 | 236.5       | 139.9 | 245.2       | 142.5 | 249.9       | 143.7 |
|        | 48                              | 136.7                        | 70.52 | 163.3       | 90.13 | 190.0       | 111.3 | 202.9       | 119.9 | 205.3       | 121.8 | 213.1       | 122.1 | 217.4       | 123.1 |
|        | 50                              | 119.0                        | 60.99 | 142.2       | 78.06 | 165.3       | 96.43 | 176.3       | 103.5 | 174.3       | 103.3 | 181.0       | 101.3 | 184.5       | 102.1 |
|        | 52                              | 101.1                        | 51.24 | 120.7       | 65.69 | 140.3       | 81.22 | 150.0       | 86.63 | 143.0       | 84.44 | 148.9       | 80.08 | 152.0       | 80.68 |
| 80     | 10                              | 141.8                        | 27.04 | 169.2       | 32.50 | 196.6       | 38.14 | 210.7       | 41.14 | 224.8       | 44.14 | 251.9       | 50.35 | 279.2       | 54.66 |
|        | 12                              | 141.8                        | 27.62 | 169.2       | 32.88 | 196.6       | 38.87 | 210.7       | 41.90 | 224.8       | 44.90 | 251.9       | 51.28 | 279.2       | 55.74 |
|        | 14                              | 141.8                        | 28.00 | 169.2       | 33.61 | 196.6       | 39.45 | 210.7       | 42.64 | 224.8       | 45.64 | 251.9       | 52.24 | 279.2       | 56.81 |
|        | 16                              | 141.8                        | 28.35 | 169.2       | 34.19 | 196.6       | 40.21 | 210.7       | 43.40 | 224.8       | 46.59 | 251.9       | 53.35 | 279.2       | 57.92 |
|        | 18                              | 141.8                        | 28.92 | 169.2       | 34.76 | 196.6       | 40.95 | 210.7       | 44.14 | 224.8       | 47.52 | 251.9       | 54.28 | 279.2       | 59.16 |
|        | 20                              | 141.8                        | 29.50 | 169.2       | 35.49 | 196.6       | 41.90 | 210.7       | 45.09 | 224.8       | 48.47 | 251.9       | 56.35 | 279.2       | 62.69 |
|        | 21                              | 141.8                        | 29.69 | 169.2       | 35.88 | 196.6       | 42.26 | 210.7       | 45.64 | 224.8       | 49.59 | 251.9       | 58.15 | 279.2       | 64.34 |
|        | 23                              | 141.8                        | 30.23 | 169.2       | 36.45 | 196.6       | 44.14 | 210.7       | 48.47 | 224.8       | 52.97 | 251.9       | 61.38 | 279.2       | 67.53 |
|        | 25                              | 141.8                        | 31.38 | 169.2       | 38.87 | 196.6       | 47.33 | 210.7       | 51.85 | 224.8       | 56.73 | 251.9       | 65.68 | 279.2       | 72.21 |
|        | 27                              | 141.8                        | 33.26 | 169.2       | 41.33 | 196.6       | 50.54 | 210.7       | 55.42 | 224.8       | 60.49 | 251.9       | 69.79 | 279.2       | 75.98 |
|        | 29                              | 141.8                        | 35.30 | 169.2       | 44.14 | 196.6       | 53.73 | 210.7       | 59.00 | 224.8       | 64.61 | 251.9       | 74.79 | 279.2       | 79.78 |
|        | 31                              | 141.8                        | 37.57 | 169.2       | 46.78 | 196.6       | 57.31 | 210.7       | 62.92 | 224.8       | 68.75 | 251.9       | 79.36 | 279.2       | 83.74 |
|        | 33                              | 141.8                        | 39.83 | 169.2       | 49.97 | 196.6       | 61.04 | 210.7       | 67.06 | 224.8       | 73.25 | 251.9       | 83.62 | 279.2       | 87.77 |
|        | 35                              | 141.8                        | 42.26 | 169.2       | 52.97 | 196.6       | 64.99 | 210.7       | 71.37 | 224.8       | 78.16 | 251.9       | 88.65 | 279.2       | 93.76 |
|        | 37                              | 141.8                        | 44.71 | 169.2       | 56.31 | 196.6       | 68.95 | 210.7       | 75.90 | 224.8       | 83.04 | 251.9       | 93.57 | 279.2       | 99.67 |
|        | 39                              | 141.8                        | 47.25 | 169.2       | 59.54 | 196.6       | 73.75 | 210.7       | 81.59 | 224.8       | 89.23 | 251.9       | 98.87 | 279.2       | 106.9 |
|        | 41                              | 141.8                        | 54.18 | 169.2       | 68.39 | 196.6       | 83.91 | 210.7       | 92.70 | 224.8       | 101.6 | 251.9       | 110.3 | 278.4       | 119.5 |
|        | 43                              | 141.8                        | 61.77 | 169.2       | 77.32 | 196.6       | 94.87 | 210.7       | 104.7 | 224.8       | 115.1 | 251.9       | 122.3 | 266.8       | 129.2 |
|        | 46                              | 137.5                        | 72.11 | 163.7       | 91.34 | 190.3       | 112.1 | 203.7       | 122.2 | 217.4       | 136.2 | 238.1       | 142.8 | 243.6       | 144.0 |
|        | 48                              | 121.4                        | 63.61 | 144.9       | 80.72 | 168.4       | 99.07 | 180.2       | 107.9 | 192.3       | 120.4 | 206.8       | 122.4 | 211.5       | 123.4 |
|        | 50                              | 105.7                        | 54.97 | 126.1       | 69.85 | 146.4       | 85.77 | 156.7       | 93.20 | 167.3       | 104.4 | 175.4       | 101.5 | 179.8       | 102.3 |
|        | 52                              | 89.70                        | 46.13 | 107.0       | 58.75 | 124.2       | 72.17 | 133.2       | 78.23 | 142.2       | 87.97 | 144.1       | 80.22 | 147.7       | 80.80 |
| 70     | 10                              | 124.1                        | 23.93 | 148.5       | 28.46 | 172.0       | 32.99 | 184.1       | 35.64 | 196.6       | 38.10 | 220.1       | 43.36 | 244.4       | 48.51 |
|        | 12                              | 124.1                        | 24.32 | 148.5       | 28.85 | 172.0       | 33.76 | 184.1       | 36.22 | 196.6       | 38.83 | 220.1       | 44.13 | 244.4       | 49.43 |
|        | 14                              | 124.1                        | 24.70 | 148.5       | 29.23 | 172.0       | 34.30 | 184.1       | 36.76 | 196.6       | 39.41 | 220.1       | 45.06 | 244.4       | 50.32 |
|        | 16                              | 124.1                        | 25.08 | 148.5       | 29.80 | 172.0       | 34.88 | 184.1       | 37.52 | 196.6       | 40.17 | 220.1       | 45.82 | 244.4       | 51.39 |
|        | 18                              | 124.1                        | 25.46 | 148.5       | 30.35 | 172.0       | 35.64 | 184.1       | 38.29 | 196.6       | 40.91 | 220.1       | 46.59 | 244.4       | 52.31 |
|        | 20                              | 124.1                        | 25.85 | 148.5       | 30.92 | 172.0       | 36.22 | 184.1       | 39.03 | 196.6       | 41.86 | 220.1       | 47.70 | 244.4       | 54.31 |
|        | 21                              | 124.1                        | 26.20 | 148.5       | 31.11 | 172.0       | 36.57 | 184.1       | 39.41 | 196.6       | 42.25 | 220.1       | 48.47 | 244.4       | 55.46 |
|        | 23                              | 124.1                        | 26.58 | 148.5       | 31.88 | 172.0       | 37.33 | 184.1       | 40.72 | 196.6       | 44.32 | 220.1       | 51.85 | 244.4       | 58.54 |
|        | 25                              | 124.1                        | 26.96 | 148.5       | 32.99 | 172.0       | 39.79 | 184.1       | 43.56 | 196.6       | 47.32 | 220.1       | 55.43 | 244.4       | 61.38 |
|        | 27                              | 124.1                        | 28.46 | 148.5       | 35.26 | 172.0       | 42.44 | 184.1       | 46.20 | 196.6       | 50.54 | 220.1       | 59.19 | 244.4       | 65.25 |
|        | 29                              | 124.1                        | 30.35 | 148.5       | 37.33 | 172.0       | 45.06 | 184.1       | 49.20 | 196.6       | 53.73 | 220.1       | 63.18 | 244.4       | 69.90 |
|        | 31                              | 124.1                        | 32.23 | 148.5       | 39.79 | 172.0       | 48.09 | 184.1       | 52.62 | 196.6       | 57.31 | 220.1       | 67.33 | 244.4       | 74.17 |
|        | 33                              | 124.1                        | 34.14 | 148.5       | 42.06 | 172.0       | 51.09 | 184.1       | 55.81 | 196.6       | 60.91 | 220.1       | 71.64 | 244.4       | 78.97 |
|        | 35                              | 124.1                        | 36.02 | 148.5       | 44.90 | 172.0       | 54.31 | 184.1       | 59.38 | 196.6       | 64.87 | 220.1       | 76.36 | 244.4       | 83.73 |
|        | 37                              | 124.1                        | 38.29 | 148.5       | 47.55 | 172.0       | 57.69 | 184.1       | 63.18 | 196.6       | 69.02 | 220.1       | 81.27 | 244.4       | 88.38 |
|        | 39                              | 124.1                        | 40.64 | 148.5       | 50.70 | 172.0       | 61.69 | 184.1       | 67.95 | 196.6       | 74.55 | 220.1       | 86.96 | 244.4       | 95.26 |
|        | 41                              | 124.1                        | 46.58 | 148.5       | 57.56 | 172.0       | 70.15 | 184.1       | 77.26 | 196.6       | 84.02 | 220.1       | 99.03 | 244.4       | 106.5 |
|        | 43                              | 124.1                        | 52.52 | 148.5       | 64.99 | 172.0       | 79.28 | 184.1       | 87.26 | 196.6       | 95.02 | 220.1       | 112.1 | 244.4       | 119.3 |
|        | 46                              | 120.2                        | 61.21 | 143.7       | 76.64 | 166.5       | 93.67 | 178.2       | 102.0 | 190.3       | 112.4 | 213.0       | 132.6 | 236.6       | 139.5 |
|        | 48                              | 106.2                        | 53.98 | 127.3       | 67.64 | 147.3       | 82.75 | 157.8       | 90.04 | 168.4       | 99.33 | 188.4       | 117.2 | 209.2       | 122.0 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 92.40                        | 46.60 | 110.5       | 58.45 | 128.1       | 71.57 | 137.1       | 77.86 | 146.4       | 86.03 | 163.7       | 101.6 | 182.1       | 104.1 |
|        | 52                               | 78.70                        | 39.07 | 94.00       | 49.08 | 108.9       | 60.20 | 116.7       | 65.42 | 124.2       | 72.43 | 139.1       | 85.55 | 154.7       | 85.86 |
| 60     | 10                               | 106.2                        | 20.82 | 126.9       | 24.42 | 147.6       | 28.38 | 157.9       | 30.46 | 168.4       | 32.37 | 188.8       | 36.72 | 209.6       | 41.06 |
|        | 12                               | 106.2                        | 21.20 | 126.9       | 24.78 | 147.6       | 28.77 | 157.9       | 30.84 | 168.4       | 32.92 | 188.8       | 37.29 | 209.6       | 41.83 |
|        | 14                               | 106.2                        | 21.39 | 126.9       | 25.16 | 147.6       | 29.34 | 157.9       | 31.42 | 168.4       | 33.49 | 188.8       | 38.03 | 209.6       | 42.59 |
|        | 16                               | 106.2                        | 21.77 | 126.9       | 25.73 | 147.6       | 29.72 | 157.9       | 31.99 | 168.4       | 34.26 | 188.8       | 38.79 | 209.6       | 43.33 |
|        | 18                               | 106.2                        | 22.16 | 126.9       | 26.12 | 147.6       | 30.27 | 157.9       | 32.57 | 168.4       | 34.83 | 188.8       | 39.37 | 209.6       | 44.28 |
|        | 20                               | 106.2                        | 22.51 | 126.9       | 26.50 | 147.6       | 30.84 | 157.9       | 33.11 | 168.4       | 35.38 | 188.8       | 40.13 | 209.6       | 45.24 |
|        | 21                               | 106.2                        | 22.70 | 126.9       | 26.69 | 147.6       | 31.23 | 157.9       | 33.49 | 168.4       | 35.76 | 188.8       | 40.68 | 209.6       | 45.62 |
|        | 23                               | 106.2                        | 23.08 | 126.9       | 27.27 | 147.6       | 31.61 | 157.9       | 34.07 | 168.4       | 36.53 | 188.8       | 42.21 | 209.6       | 48.44 |
|        | 25                               | 106.2                        | 23.47 | 126.9       | 27.81 | 147.6       | 32.92 | 157.9       | 35.76 | 168.4       | 38.79 | 188.8       | 45.05 | 209.6       | 51.85 |
|        | 27                               | 106.2                        | 24.23 | 126.9       | 29.34 | 147.6       | 35.02 | 157.9       | 38.03 | 168.4       | 41.25 | 188.8       | 47.89 | 209.6       | 55.27 |
|        | 29                               | 106.2                        | 25.73 | 126.9       | 31.23 | 147.6       | 37.29 | 157.9       | 40.49 | 168.4       | 43.90 | 188.8       | 51.09 | 209.6       | 59.04 |
|        | 31                               | 106.2                        | 27.27 | 126.9       | 33.11 | 147.6       | 39.56 | 157.9       | 43.14 | 168.4       | 46.74 | 188.8       | 54.50 | 209.6       | 62.83 |
|        | 33                               | 106.2                        | 28.77 | 126.9       | 35.02 | 147.6       | 42.02 | 157.9       | 45.79 | 168.4       | 49.78 | 188.8       | 57.92 | 209.6       | 66.99 |
|        | 35                               | 106.2                        | 30.46 | 126.9       | 37.29 | 147.6       | 44.67 | 157.9       | 48.63 | 168.4       | 52.81 | 188.8       | 61.69 | 209.6       | 71.17 |
|        | 37                               | 106.2                        | 32.18 | 126.9       | 39.33 | 147.6       | 47.32 | 157.9       | 51.66 | 168.4       | 56.03 | 188.8       | 65.48 | 209.6       | 75.70 |
|        | 39                               | 106.2                        | 34.22 | 126.9       | 41.90 | 147.6       | 51.08 | 157.9       | 55.42 | 168.4       | 60.30 | 188.8       | 70.21 | 209.6       | 81.12 |
|        | 41                               | 106.2                        | 38.47 | 126.9       | 47.53 | 147.6       | 57.48 | 157.9       | 62.78 | 168.4       | 67.85 | 188.8       | 79.87 | 209.6       | 91.39 |
|        | 43                               | 106.2                        | 43.30 | 126.9       | 53.59 | 147.6       | 64.92 | 157.9       | 70.86 | 168.4       | 76.62 | 188.8       | 90.33 | 209.6       | 103.4 |
|        | 46                               | 103.0                        | 50.88 | 123.0       | 63.13 | 142.9       | 76.59 | 152.8       | 83.54 | 162.9       | 90.45 | 182.9       | 106.8 | 202.9       | 123.6 |
|        | 48                               | 90.90                        | 44.81 | 108.5       | 55.67 | 126.5       | 67.63 | 135.2       | 73.74 | 144.1       | 79.87 | 161.8       | 94.34 | 179.4       | 109.3 |
|        | 50                               | 79.10                        | 38.58 | 94.40       | 48.06 | 110.0       | 58.45 | 117.5       | 63.71 | 125.3       | 69.07 | 140.6       | 81.66 | 156.2       | 94.62 |
|        | 52                               | 67.30                        | 32.25 | 80.30       | 40.29 | 93.30       | 49.08 | 99.90       | 53.49 | 106.5       | 58.02 | 119.5       | 68.71 | 132.8       | 79.68 |
| 50     | 10                               | 88.90                        | 18.05 | 106.2       | 20.89 | 123.0       | 23.74 | 131.6       | 25.46 | 140.2       | 26.96 | 157.0       | 30.38 | 174.7       | 33.80 |
|        | 12                               | 88.90                        | 18.24 | 106.2       | 21.08 | 123.0       | 24.12 | 131.6       | 25.84 | 140.2       | 27.54 | 157.0       | 30.96 | 174.7       | 34.38 |
|        | 14                               | 88.90                        | 18.43 | 106.2       | 21.47 | 123.0       | 24.50 | 131.6       | 26.23 | 140.2       | 27.92 | 157.0       | 31.34 | 174.7       | 34.95 |
|        | 16                               | 88.90                        | 18.82 | 106.2       | 21.85 | 123.0       | 24.89 | 131.6       | 26.77 | 140.2       | 28.30 | 157.0       | 31.91 | 174.7       | 35.52 |
|        | 18                               | 88.90                        | 19.01 | 106.2       | 22.04 | 123.0       | 25.27 | 131.6       | 27.16 | 140.2       | 28.88 | 157.0       | 32.49 | 174.7       | 36.29 |
|        | 20                               | 88.90                        | 19.20 | 106.2       | 22.43 | 123.0       | 25.84 | 131.6       | 27.54 | 140.2       | 29.45 | 157.0       | 33.06 | 174.7       | 37.03 |
|        | 21                               | 88.90                        | 19.36 | 106.2       | 22.62 | 123.0       | 26.04 | 131.6       | 27.92 | 140.2       | 29.65 | 157.0       | 33.42 | 174.7       | 37.41 |
|        | 23                               | 88.90                        | 19.74 | 106.2       | 22.97 | 123.0       | 26.39 | 131.6       | 28.30 | 140.2       | 30.19 | 157.0       | 33.99 | 174.7       | 38.18 |
|        | 25                               | 88.90                        | 19.94 | 106.2       | 23.35 | 123.0       | 26.96 | 131.6       | 28.88 | 140.2       | 31.15 | 157.0       | 35.72 | 174.7       | 40.83 |
|        | 27                               | 88.90                        | 20.32 | 106.2       | 24.12 | 123.0       | 28.50 | 131.6       | 30.77 | 140.2       | 33.06 | 157.0       | 38.18 | 174.7       | 43.51 |
|        | 29                               | 88.90                        | 21.47 | 106.2       | 25.65 | 123.0       | 30.19 | 131.6       | 32.68 | 140.2       | 35.14 | 157.0       | 40.45 | 174.7       | 46.16 |
|        | 31                               | 88.90                        | 22.62 | 106.2       | 27.16 | 123.0       | 32.11 | 131.6       | 34.57 | 140.2       | 37.41 | 157.0       | 43.13 | 174.7       | 49.20 |
|        | 33                               | 88.90                        | 23.93 | 106.2       | 28.69 | 123.0       | 33.99 | 131.6       | 36.67 | 140.2       | 39.71 | 157.0       | 45.78 | 174.7       | 52.42 |
|        | 35                               | 88.90                        | 25.27 | 106.2       | 30.38 | 123.0       | 35.91 | 131.6       | 38.94 | 140.2       | 41.98 | 157.0       | 48.43 | 174.7       | 55.65 |
|        | 37                               | 88.90                        | 26.77 | 106.2       | 32.11 | 123.0       | 37.99 | 131.6       | 41.21 | 140.2       | 44.44 | 157.0       | 51.66 | 174.7       | 59.07 |
|        | 39                               | 88.90                        | 28.57 | 106.2       | 34.41 | 123.0       | 40.71 | 131.6       | 44.36 | 140.2       | 47.70 | 157.0       | 55.03 | 174.7       | 63.80 |
|        | 41                               | 88.90                        | 32.02 | 106.2       | 38.62 | 123.0       | 46.15 | 131.6       | 49.80 | 140.2       | 53.56 | 157.0       | 62.55 | 174.7       | 71.84 |
|        | 43                               | 88.90                        | 36.05 | 106.2       | 43.50 | 123.0       | 52.01 | 131.6       | 56.20 | 140.2       | 60.42 | 157.0       | 70.63 | 174.7       | 81.15 |
|        | 46                               | 86.10                        | 42.36 | 103.0       | 51.19 | 119.1       | 61.20 | 127.3       | 66.19 | 135.5       | 71.14 | 152.0       | 83.38 | 169.2       | 95.86 |
|        | 48                               | 76.00                        | 37.29 | 90.90       | 45.11 | 105.4       | 53.94 | 112.8       | 58.39 | 119.9       | 62.76 | 134.4       | 73.62 | 149.6       | 84.67 |
|        | 50                               | 66.20                        | 32.14 | 79.10       | 38.92 | 91.70       | 46.52 | 97.90       | 50.40 | 104.2       | 54.15 | 116.8       | 63.66 | 130.1       | 73.25 |
|        | 52                               | 56.40                        | 26.87 | 67.30       | 32.59 | 77.90       | 38.96 | 83.40       | 42.25 | 88.50       | 45.40 | 99.50       | 53.49 | 110.8       | 61.58 |

**Note**

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

## ARUM960LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 266.4                        | 44.40 | 317.2       | 54.24 | 340.0       | 62.92 | 349.6       | 64.20 | 359.2       | 64.72 | 376.8       | 65.24 | 386.4       | 65.48 |
|        | 12                              | 266.4                        | 45.48 | 317.2       | 56.20 | 340.0       | 65.52 | 349.6       | 65.96 | 359.2       | 66.48 | 376.8       | 67.00 | 386.4       | 67.60 |
|        | 14                              | 266.4                        | 47.00 | 317.2       | 58.24 | 340.0       | 68.00 | 349.6       | 68.48 | 359.2       | 69.04 | 376.8       | 69.56 | 386.4       | 70.20 |
|        | 16                              | 266.4                        | 48.72 | 317.2       | 60.24 | 340.0       | 71.04 | 349.6       | 71.68 | 359.2       | 72.24 | 376.8       | 72.92 | 386.4       | 73.48 |
|        | 18                              | 266.4                        | 50.76 | 317.2       | 63.72 | 340.0       | 74.28 | 349.6       | 75.88 | 359.2       | 76.48 | 376.8       | 77.24 | 386.4       | 77.80 |
|        | 20                              | 266.4                        | 53.00 | 317.2       | 67.92 | 340.0       | 77.96 | 349.6       | 83.48 | 359.2       | 84.16 | 376.8       | 86.24 | 386.4       | 86.80 |
|        | 21                              | 266.4                        | 54.40 | 317.2       | 70.28 | 340.0       | 79.60 | 349.6       | 88.32 | 359.2       | 89.04 | 376.8       | 91.76 | 386.4       | 92.36 |
|        | 23                              | 266.4                        | 58.36 | 317.2       | 73.92 | 340.0       | 83.72 | 349.6       | 97.48 | 359.2       | 99.52 | 376.8       | 102.8 | 386.4       | 103.4 |
|        | 25                              | 266.4                        | 62.36 | 317.2       | 78.20 | 340.0       | 89.48 | 349.6       | 109.4 | 359.2       | 112.0 | 376.8       | 115.4 | 386.4       | 116.0 |
|        | 27                              | 266.4                        | 66.72 | 317.2       | 83.60 | 340.0       | 96.52 | 349.6       | 122.4 | 359.2       | 124.8 | 376.8       | 128.6 | 386.4       | 129.6 |
|        | 29                              | 266.4                        | 71.08 | 317.2       | 89.36 | 340.0       | 105.6 | 349.6       | 136.5 | 359.2       | 139.1 | 376.8       | 143.0 | 386.4       | 143.3 |
|        | 31                              | 266.4                        | 75.84 | 317.2       | 94.44 | 340.0       | 114.2 | 349.6       | 137.9 | 359.2       | 140.6 | 374.0       | 143.7 | 384.8       | 144.3 |
|        | 33                              | 266.4                        | 80.80 | 317.2       | 101.8 | 340.0       | 124.1 | 349.6       | 138.6 | 358.8       | 141.1 | 369.2       | 142.4 | 378.8       | 143.0 |
|        | 35                              | 266.4                        | 86.16 | 317.2       | 108.5 | 340.0       | 136.8 | 348.0       | 138.4 | 354.0       | 139.3 | 363.6       | 140.5 | 374.0       | 141.1 |
|        | 37                              | 266.4                        | 91.88 | 317.2       | 115.5 | 337.6       | 135.9 | 342.4       | 136.6 | 348.0       | 137.4 | 357.6       | 138.7 | 368.4       | 139.2 |
|        | 39                              | 266.4                        | 97.84 | 317.2       | 123.8 | 331.6       | 134.1 | 337.6       | 134.8 | 342.4       | 135.6 | 352.8       | 136.8 | 363.6       | 137.4 |
|        | 41                              | 266.4                        | 107.6 | 308.0       | 133.0 | 318.4       | 133.6 | 323.2       | 134.3 | 329.2       | 135.1 | 339.2       | 136.4 | 348.4       | 136.9 |
|        | 43                              | 266.4                        | 117.6 | 295.2       | 132.5 | 305.2       | 133.2 | 310.0       | 133.8 | 316.0       | 134.7 | 326.0       | 135.9 | 334.8       | 136.4 |
|        | 46                              | 257.6                        | 132.1 | 269.2       | 131.8 | 278.8       | 132.5 | 283.2       | 133.1 | 289.2       | 133.9 | 298.4       | 135.1 | 306.4       | 135.7 |
|        | 48                              | 228.0                        | 129.8 | 233.6       | 130.2 | 242.4       | 130.4 | 246.4       | 130.8 | 251.6       | 131.9 | 259.6       | 132.8 | 266.8       | 133.3 |
|        | 50                              | 198.4                        | 127.4 | 198.4       | 128.4 | 206.0       | 128.4 | 209.6       | 128.4 | 214.0       | 129.8 | 221.2       | 130.3 | 227.2       | 130.8 |
|        | 52                              | 168.4                        | 125.0 | 162.8       | 126.7 | 169.6       | 126.2 | 172.4       | 125.9 | 176.4       | 127.7 | 182.4       | 127.8 | 187.6       | 128.3 |
| 120    | 10                              | 240.8                        | 39.92 | 286.4       | 48.96 | 313.2       | 58.16 | 322.4       | 62.88 | 332.0       | 63.88 | 350.0       | 64.12 | 358.8       | 64.64 |
|        | 12                              | 240.8                        | 41.00 | 286.4       | 50.60 | 313.2       | 60.52 | 322.4       | 64.20 | 332.0       | 66.24 | 350.0       | 67.04 | 358.8       | 67.56 |
|        | 14                              | 240.8                        | 42.44 | 286.4       | 52.32 | 313.2       | 62.96 | 322.4       | 66.64 | 332.0       | 68.68 | 350.0       | 69.68 | 358.8       | 70.24 |
|        | 16                              | 240.8                        | 43.96 | 286.4       | 54.48 | 313.2       | 65.40 | 322.4       | 69.12 | 332.0       | 71.84 | 350.0       | 72.72 | 358.8       | 73.32 |
|        | 18                              | 240.8                        | 45.68 | 286.4       | 56.92 | 313.2       | 68.00 | 322.4       | 72.76 | 332.0       | 75.52 | 350.0       | 76.40 | 358.8       | 77.00 |
|        | 20                              | 240.8                        | 47.40 | 286.4       | 60.36 | 313.2       | 71.68 | 322.4       | 76.60 | 332.0       | 79.52 | 350.0       | 80.56 | 358.8       | 81.20 |
|        | 21                              | 240.8                        | 48.84 | 286.4       | 62.56 | 313.2       | 73.68 | 322.4       | 78.84 | 332.0       | 82.12 | 350.0       | 83.20 | 358.8       | 83.84 |
|        | 23                              | 240.8                        | 52.20 | 286.4       | 66.92 | 313.2       | 78.96 | 322.4       | 83.76 | 332.0       | 87.56 | 350.0       | 88.44 | 358.8       | 89.16 |
|        | 25                              | 240.8                        | 55.80 | 286.4       | 71.68 | 313.2       | 83.28 | 322.4       | 89.28 | 332.0       | 93.92 | 350.0       | 95.84 | 358.8       | 96.60 |
|        | 27                              | 240.8                        | 59.56 | 286.4       | 76.64 | 313.2       | 88.60 | 322.4       | 95.40 | 332.0       | 100.9 | 350.0       | 104.4 | 358.8       | 105.2 |
|        | 29                              | 240.8                        | 63.52 | 286.4       | 81.80 | 313.2       | 93.24 | 322.4       | 102.1 | 332.0       | 109.3 | 350.0       | 114.0 | 358.8       | 114.5 |
|        | 31                              | 240.8                        | 67.72 | 286.4       | 87.36 | 313.2       | 98.08 | 322.4       | 110.8 | 332.0       | 118.8 | 350.0       | 124.2 | 358.8       | 125.0 |
|        | 33                              | 240.8                        | 72.08 | 286.4       | 93.12 | 313.2       | 105.2 | 322.4       | 122.4 | 332.0       | 129.7 | 350.0       | 134.7 | 358.8       | 135.5 |
|        | 35                              | 240.8                        | 76.64 | 286.4       | 99.28 | 313.2       | 113.3 | 322.4       | 137.1 | 332.0       | 139.4 | 349.6       | 143.3 | 358.8       | 144.4 |
|        | 37                              | 240.8                        | 82.44 | 286.4       | 104.8 | 313.2       | 122.5 | 322.4       | 136.1 | 332.0       | 138.9 | 343.6       | 140.3 | 352.8       | 141.4 |
|        | 39                              | 240.8                        | 88.76 | 286.4       | 111.1 | 313.2       | 132.2 | 322.4       | 135.7 | 328.8       | 137.0 | 339.2       | 137.4 | 348.4       | 138.5 |
|        | 41                              | 240.8                        | 98.56 | 286.4       | 123.7 | 306.8       | 133.7 | 311.2       | 134.8 | 315.6       | 135.5 | 324.8       | 135.9 | 334.0       | 137.0 |
|        | 43                              | 240.8                        | 109.0 | 284.4       | 127.6 | 294.0       | 132.0 | 298.4       | 133.3 | 302.8       | 134.0 | 311.6       | 134.4 | 320.8       | 135.4 |
|        | 46                              | 233.2                        | 123.0 | 259.2       | 126.5 | 268.8       | 129.9 | 272.4       | 131.0 | 276.8       | 131.6 | 285.2       | 132.0 | 293.6       | 133.1 |
|        | 48                              | 206.4                        | 121.7 | 225.2       | 125.6 | 233.6       | 128.7 | 236.8       | 129.5 | 240.8       | 129.9 | 248.0       | 130.4 | 255.6       | 131.0 |
|        | 50                              | 179.2                        | 120.5 | 190.8       | 124.7 | 198.4       | 127.5 | 201.2       | 128.0 | 204.4       | 128.2 | 211.2       | 128.8 | 217.6       | 128.8 |
|        | 52                              | 152.4                        | 119.2 | 156.8       | 123.7 | 163.2       | 126.3 | 165.6       | 126.5 | 168.4       | 126.4 | 174.0       | 127.2 | 179.6       | 126.6 |
| 110    | 10                              | 216.0                        | 35.92 | 257.2       | 43.76 | 287.6       | 52.00 | 295.6       | 56.28 | 314.4       | 60.56 | 321.6       | 62.24 | 343.2       | 63.28 |
|        | 12                              | 216.0                        | 37.04 | 257.2       | 45.24 | 287.6       | 54.16 | 295.6       | 57.88 | 314.4       | 62.84 | 321.6       | 64.88 | 343.2       | 66.36 |
|        | 14                              | 216.0                        | 38.20 | 257.2       | 47.28 | 287.6       | 56.60 | 295.6       | 60.72 | 314.4       | 66.00 | 321.6       | 67.88 | 343.2       | 69.32 |
|        | 16                              | 216.0                        | 39.56 | 257.2       | 49.00 | 287.6       | 58.96 | 295.6       | 63.40 | 314.4       | 69.04 | 321.6       | 70.96 | 343.2       | 72.20 |
|        | 18                              | 216.0                        | 41.00 | 257.2       | 51.04 | 287.6       | 62.36 | 295.6       | 66.76 | 314.4       | 72.84 | 321.6       | 74.28 | 343.2       | 75.68 |
|        | 20                              | 216.0                        | 42.48 | 257.2       | 53.60 | 287.6       | 66.12 | 295.6       | 69.84 | 314.4       | 76.40 | 321.6       | 78.28 | 343.2       | 79.52 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 216.0                        | 43.44 | 257.2       | 55.20 | 287.6       | 67.80 | 295.6       | 71.68 | 314.4       | 78.52 | 321.6       | 80.48 | 343.2       | 81.76 |
|        | 23                               | 216.0                        | 46.28 | 257.2       | 59.16 | 287.6       | 71.60 | 295.6       | 75.68 | 314.4       | 82.96 | 321.6       | 84.72 | 343.2       | 86.12 |
|        | 25                               | 216.0                        | 49.44 | 257.2       | 63.12 | 287.6       | 75.64 | 295.6       | 80.04 | 314.4       | 87.64 | 321.6       | 88.88 | 343.2       | 91.84 |
|        | 27                               | 216.0                        | 52.80 | 257.2       | 67.52 | 287.6       | 79.92 | 295.6       | 84.68 | 314.4       | 91.52 | 321.6       | 93.60 | 343.2       | 97.84 |
|        | 29                               | 216.0                        | 56.40 | 257.2       | 72.08 | 287.6       | 84.48 | 295.6       | 89.68 | 314.4       | 96.72 | 321.6       | 98.40 | 343.2       | 103.9 |
|        | 31                               | 216.0                        | 59.96 | 257.2       | 76.84 | 287.6       | 89.28 | 295.6       | 95.04 | 314.4       | 103.3 | 321.6       | 105.0 | 343.2       | 110.7 |
|        | 33                               | 216.0                        | 63.92 | 257.2       | 81.80 | 287.6       | 94.32 | 295.6       | 100.7 | 314.4       | 110.6 | 321.6       | 112.4 | 343.2       | 117.5 |
|        | 35                               | 216.0                        | 67.92 | 257.2       | 87.36 | 287.6       | 99.60 | 295.6       | 106.7 | 314.4       | 118.8 | 321.6       | 119.7 | 342.8       | 124.9 |
|        | 37                               | 216.0                        | 71.96 | 257.2       | 92.72 | 287.6       | 105.2 | 295.6       | 114.6 | 314.4       | 127.5 | 321.6       | 127.3 | 337.2       | 130.7 |
|        | 39                               | 216.0                        | 77.60 | 257.2       | 98.52 | 287.6       | 113.0 | 295.6       | 124.9 | 314.4       | 135.7 | 321.6       | 135.7 | 332.8       | 136.6 |
|        | 41                               | 216.0                        | 86.28 | 257.2       | 108.2 | 287.6       | 125.8 | 295.6       | 142.4 | 302.0       | 143.6 | 310.8       | 144.8 | 318.8       | 145.9 |
|        | 43                               | 216.0                        | 93.84 | 257.2       | 116.8 | 281.2       | 137.6 | 286.0       | 139.2 | 289.6       | 138.9 | 298.4       | 139.7 | 306.0       | 140.1 |
|        | 46                               | 208.8                        | 96.12 | 249.2       | 118.3 | 256.8       | 132.7 | 261.2       | 132.7 | 264.4       | 133.8 | 272.8       | 134.6 | 279.6       | 135.0 |
|        | 48                               | 184.8                        | 94.36 | 216.4       | 115.2 | 222.8       | 127.6 | 227.2       | 128.5 | 230.0       | 129.1 | 237.2       | 129.4 | 243.6       | 130.0 |
|        | 50                               | 160.8                        | 92.52 | 184.0       | 112.0 | 189.2       | 122.4 | 192.8       | 124.1 | 195.6       | 124.2 | 201.6       | 124.2 | 207.2       | 124.9 |
| 100    | 52                               | 136.4                        | 90.68 | 151.6       | 108.7 | 155.6       | 117.1 | 158.8       | 119.7 | 160.8       | 119.2 | 166.0       | 118.8 | 170.8       | 119.6 |
|        | 10                               | 181.6                        | 32.36 | 216.0       | 39.32 | 251.6       | 46.64 | 268.8       | 50.40 | 286.0       | 54.16 | 317.2       | 60.28 | 324.0       | 60.76 |
|        | 12                               | 181.6                        | 33.36 | 216.0       | 40.92 | 251.6       | 48.20 | 268.8       | 51.76 | 286.0       | 55.88 | 317.2       | 63.52 | 324.0       | 64.16 |
|        | 14                               | 181.6                        | 34.44 | 216.0       | 42.56 | 251.6       | 50.24 | 268.8       | 54.00 | 286.0       | 58.28 | 317.2       | 67.08 | 324.0       | 67.68 |
|        | 16                               | 181.6                        | 35.48 | 216.0       | 43.96 | 251.6       | 52.40 | 268.8       | 56.56 | 286.0       | 61.40 | 317.2       | 70.32 | 324.0       | 71.28 |
|        | 18                               | 181.6                        | 36.52 | 216.0       | 45.60 | 251.6       | 54.44 | 268.8       | 59.32 | 286.0       | 65.12 | 317.2       | 74.28 | 324.0       | 74.88 |
|        | 20                               | 181.6                        | 37.84 | 216.0       | 47.32 | 251.6       | 57.56 | 268.8       | 63.52 | 286.0       | 69.68 | 317.2       | 77.84 | 324.0       | 78.44 |
|        | 21                               | 181.6                        | 38.60 | 216.0       | 48.44 | 251.6       | 59.56 | 268.8       | 65.72 | 286.0       | 72.28 | 317.2       | 79.60 | 324.0       | 80.24 |
|        | 23                               | 181.6                        | 40.92 | 216.0       | 51.84 | 251.6       | 63.92 | 268.8       | 70.48 | 286.0       | 77.44 | 317.2       | 83.36 | 324.0       | 84.04 |
|        | 25                               | 181.6                        | 43.48 | 216.0       | 55.20 | 251.6       | 68.28 | 268.8       | 75.44 | 286.0       | 82.80 | 317.2       | 86.92 | 324.0       | 88.36 |
|        | 27                               | 181.6                        | 46.44 | 216.0       | 58.96 | 251.6       | 73.08 | 268.8       | 80.60 | 286.0       | 88.04 | 317.2       | 92.84 | 324.0       | 93.64 |
|        | 29                               | 181.6                        | 49.44 | 216.0       | 62.92 | 251.6       | 78.04 | 268.8       | 86.16 | 286.0       | 93.16 | 317.2       | 98.40 | 324.0       | 98.92 |
|        | 31                               | 181.6                        | 52.80 | 216.0       | 67.12 | 251.6       | 83.20 | 268.8       | 91.92 | 286.0       | 97.88 | 317.2       | 103.8 | 324.0       | 104.3 |
|        | 33                               | 181.6                        | 56.00 | 216.0       | 71.48 | 251.6       | 88.76 | 268.8       | 98.08 | 286.0       | 101.6 | 317.2       | 109.4 | 324.0       | 109.9 |
|        | 35                               | 181.6                        | 59.56 | 216.0       | 76.04 | 251.6       | 94.52 | 268.8       | 104.6 | 286.0       | 106.9 | 315.6       | 114.9 | 323.6       | 115.8 |
| 90     | 37                               | 181.6                        | 63.80 | 216.0       | 81.56 | 251.6       | 100.1 | 268.8       | 109.6 | 286.0       | 113.7 | 310.0       | 120.2 | 317.2       | 121.3 |
|        | 39                               | 181.6                        | 68.40 | 216.0       | 87.60 | 251.6       | 106.1 | 268.8       | 115.0 | 286.0       | 121.2 | 304.8       | 126.0 | 312.0       | 127.2 |
|        | 41                               | 181.6                        | 74.92 | 216.0       | 96.16 | 251.6       | 115.0 | 268.8       | 126.7 | 286.0       | 132.5 | 293.2       | 133.1 | 302.8       | 134.4 |
|        | 43                               | 181.6                        | 82.96 | 216.0       | 106.7 | 251.6       | 126.1 | 268.8       | 138.6 | 272.0       | 139.1 | 280.4       | 139.6 | 287.6       | 140.9 |
|        | 46                               | 175.6                        | 93.64 | 209.2       | 120.6 | 243.6       | 140.4 | 245.6       | 147.4 | 248.0       | 147.8 | 256.0       | 148.3 | 262.8       | 149.7 |
|        | 48                               | 155.2                        | 81.72 | 184.8       | 105.5 | 210.4       | 121.3 | 213.2       | 126.4 | 215.6       | 126.8 | 222.4       | 127.1 | 228.8       | 128.1 |
|        | 50                               | 135.2                        | 69.56 | 160.8       | 90.04 | 176.8       | 101.8 | 181.2       | 105.0 | 182.8       | 105.4 | 189.2       | 105.5 | 194.4       | 106.1 |
|        | 52                               | 114.8                        | 57.08 | 136.8       | 74.20 | 143.6       | 81.84 | 149.2       | 83.04 | 150.4       | 83.40 | 155.6       | 83.40 | 160.0       | 83.60 |
|        | 10                               | 163.2                        | 30.16 | 194.8       | 36.28 | 226.4       | 42.76 | 242.0       | 46.12 | 257.2       | 49.64 | 288.8       | 55.52 | 320.8       | 60.84 |
|        | 12                               | 163.2                        | 30.56 | 194.8       | 36.84 | 226.4       | 43.52 | 242.0       | 47.04 | 257.2       | 50.72 | 288.8       | 56.64 | 320.8       | 62.84 |
|        | 14                               | 163.2                        | 31.12 | 194.8       | 37.60 | 226.4       | 44.44 | 242.0       | 47.96 | 257.2       | 51.64 | 288.8       | 57.72 | 320.8       | 64.12 |
|        | 16                               | 163.2                        | 31.68 | 194.8       | 38.32 | 226.4       | 45.36 | 242.0       | 48.88 | 257.2       | 52.60 | 288.8       | 58.84 | 320.8       | 65.24 |
|        | 18                               | 163.2                        | 32.20 | 194.8       | 39.08 | 226.4       | 46.12 | 242.0       | 50.00 | 257.2       | 53.68 | 288.8       | 60.12 | 320.8       | 68.52 |
|        | 20                               | 163.2                        | 32.76 | 194.8       | 39.80 | 226.4       | 47.04 | 242.0       | 50.92 | 257.2       | 55.72 | 288.8       | 64.32 | 320.8       | 71.80 |
|        | 21                               | 163.2                        | 33.16 | 194.8       | 40.16 | 226.4       | 47.96 | 242.0       | 52.60 | 257.2       | 57.76 | 288.8       | 65.40 | 320.8       | 73.44 |
|        | 23                               | 163.2                        | 33.88 | 194.8       | 41.84 | 226.4       | 51.28 | 242.0       | 56.48 | 257.2       | 61.84 | 288.8       | 69.36 | 320.8       | 77.96 |
|        | 25                               | 163.2                        | 35.56 | 194.8       | 44.64 | 226.4       | 54.80 | 242.0       | 60.36 | 257.2       | 66.08 | 288.8       | 74.16 | 320.8       | 82.48 |
|        | 27                               | 163.2                        | 37.96 | 194.8       | 47.60 | 226.4       | 58.52 | 242.0       | 64.44 | 257.2       | 70.72 | 288.8       | 78.84 | 320.8       | 87.64 |
|        | 29                               | 163.2                        | 40.16 | 194.8       | 50.72 | 226.4       | 62.60 | 242.0       | 68.88 | 257.2       | 75.56 | 288.8       | 83.48 | 320.8       | 92.56 |
|        | 31                               | 163.2                        | 42.76 | 194.8       | 54.08 | 226.4       | 66.64 | 242.0       | 73.32 | 257.2       | 80.56 | 288.8       | 87.68 | 320.8       | 97.60 |
|        | 33                               | 163.2                        | 45.56 | 194.8       | 57.60 | 226.4       | 71.08 | 242.0       | 78.12 | 257.2       | 85.44 | 288.8       | 91.92 | 318.8       | 102.2 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 163.2                        | 48.32 | 194.8       | 61.08 | 226.4       | 75.56 | 242.0       | 83.32 | 257.2       | 90.60 | 288.8       | 98.88 | 314.0       | 108.0 |
|        | 37                              | 163.2                        | 51.28 | 194.8       | 65.00 | 226.4       | 80.56 | 242.0       | 88.52 | 257.2       | 95.64 | 288.8       | 105.0 | 308.8       | 112.9 |
|        | 39                              | 163.2                        | 54.32 | 194.8       | 69.12 | 226.4       | 85.24 | 242.0       | 94.20 | 257.2       | 100.6 | 288.8       | 112.6 | 304.0       | 117.8 |
|        | 41                              | 163.2                        | 63.00 | 194.8       | 79.44 | 226.4       | 97.00 | 242.0       | 106.8 | 257.2       | 112.6 | 286.4       | 124.0 | 291.2       | 126.8 |
|        | 43                              | 163.2                        | 70.44 | 194.8       | 88.96 | 226.4       | 109.8 | 242.0       | 119.2 | 257.2       | 125.0 | 274.4       | 134.1 | 279.6       | 135.7 |
|        | 46                              | 158.0                        | 83.20 | 188.8       | 106.3 | 219.2       | 131.2 | 234.0       | 141.8 | 241.6       | 145.8 | 250.4       | 148.6 | 255.2       | 149.8 |
|        | 48                              | 139.6                        | 73.52 | 166.8       | 93.96 | 194.0       | 116.1 | 207.2       | 125.0 | 209.6       | 127.0 | 217.6       | 127.3 | 222.0       | 128.4 |
|        | 50                              | 121.6                        | 63.60 | 145.2       | 81.40 | 168.8       | 100.6 | 180.0       | 107.9 | 178.0       | 107.7 | 184.8       | 105.7 | 188.4       | 106.5 |
|        | 52                              | 103.2                        | 53.44 | 123.2       | 68.52 | 143.2       | 84.72 | 153.2       | 90.36 | 146.0       | 88.08 | 152.0       | 83.52 | 155.2       | 84.16 |
| 80     | 10                              | 144.8                        | 28.16 | 172.8       | 33.84 | 200.8       | 39.72 | 215.2       | 42.84 | 229.6       | 45.96 | 257.2       | 52.44 | 285.2       | 56.92 |
|        | 12                              | 144.8                        | 28.76 | 172.8       | 34.24 | 200.8       | 40.48 | 215.2       | 43.64 | 229.6       | 46.76 | 257.2       | 53.40 | 285.2       | 58.04 |
|        | 14                              | 144.8                        | 29.16 | 172.8       | 35.00 | 200.8       | 41.08 | 215.2       | 44.40 | 229.6       | 47.52 | 257.2       | 54.40 | 285.2       | 59.16 |
|        | 16                              | 144.8                        | 29.52 | 172.8       | 35.60 | 200.8       | 41.88 | 215.2       | 45.20 | 229.6       | 48.52 | 257.2       | 55.56 | 285.2       | 60.32 |
|        | 18                              | 144.8                        | 30.12 | 172.8       | 36.20 | 200.8       | 42.64 | 215.2       | 45.96 | 229.6       | 49.48 | 257.2       | 56.52 | 285.2       | 61.60 |
|        | 20                              | 144.8                        | 30.72 | 172.8       | 36.96 | 200.8       | 43.64 | 215.2       | 46.96 | 229.6       | 50.48 | 257.2       | 58.68 | 285.2       | 65.28 |
|        | 21                              | 144.8                        | 30.92 | 172.8       | 37.36 | 200.8       | 44.00 | 215.2       | 47.52 | 229.6       | 51.64 | 257.2       | 60.56 | 285.2       | 67.00 |
|        | 23                              | 144.8                        | 31.48 | 172.8       | 37.96 | 200.8       | 45.96 | 215.2       | 50.48 | 229.6       | 55.16 | 257.2       | 63.92 | 285.2       | 70.32 |
|        | 25                              | 144.8                        | 32.68 | 172.8       | 40.48 | 200.8       | 49.28 | 215.2       | 54.00 | 229.6       | 59.08 | 257.2       | 68.40 | 285.2       | 75.20 |
|        | 27                              | 144.8                        | 34.64 | 172.8       | 43.04 | 200.8       | 52.64 | 215.2       | 57.72 | 229.6       | 63.00 | 257.2       | 72.68 | 285.2       | 79.12 |
|        | 29                              | 144.8                        | 36.76 | 172.8       | 45.96 | 200.8       | 55.96 | 215.2       | 61.44 | 229.6       | 67.28 | 257.2       | 77.88 | 285.2       | 83.08 |
|        | 31                              | 144.8                        | 39.12 | 172.8       | 48.72 | 200.8       | 59.68 | 215.2       | 65.52 | 229.6       | 71.60 | 257.2       | 82.64 | 285.2       | 87.20 |
|        | 33                              | 144.8                        | 41.48 | 172.8       | 52.04 | 200.8       | 63.56 | 215.2       | 69.84 | 229.6       | 76.28 | 257.2       | 87.08 | 285.2       | 91.40 |
|        | 35                              | 144.8                        | 44.00 | 172.8       | 55.16 | 200.8       | 67.68 | 215.2       | 74.32 | 229.6       | 81.40 | 257.2       | 92.32 | 285.2       | 97.64 |
|        | 37                              | 144.8                        | 46.56 | 172.8       | 58.64 | 200.8       | 71.80 | 215.2       | 79.04 | 229.6       | 86.48 | 257.2       | 97.44 | 285.2       | 103.8 |
|        | 39                              | 144.8                        | 49.20 | 172.8       | 62.00 | 200.8       | 76.80 | 215.2       | 84.96 | 229.6       | 92.92 | 257.2       | 103.0 | 285.2       | 111.3 |
|        | 41                              | 144.8                        | 56.44 | 172.8       | 71.24 | 200.8       | 87.40 | 215.2       | 96.56 | 229.6       | 105.9 | 257.2       | 114.9 | 284.4       | 124.5 |
|        | 43                              | 144.8                        | 64.36 | 172.8       | 80.56 | 200.8       | 98.84 | 215.2       | 109.0 | 229.6       | 119.9 | 257.2       | 127.4 | 272.4       | 134.6 |
|        | 46                              | 140.4                        | 75.16 | 167.2       | 95.20 | 194.4       | 116.9 | 208.0       | 127.4 | 222.0       | 141.9 | 243.2       | 148.8 | 248.8       | 150.0 |
|        | 48                              | 124.0                        | 66.32 | 148.0       | 84.16 | 172.0       | 103.3 | 184.0       | 112.4 | 196.4       | 125.6 | 211.2       | 127.6 | 216.0       | 128.6 |
|        | 50                              | 108.0                        | 57.32 | 128.8       | 72.84 | 149.6       | 89.44 | 160.0       | 97.20 | 170.8       | 108.8 | 179.2       | 105.9 | 183.6       | 106.7 |
|        | 52                              | 91.60                        | 48.12 | 109.2       | 61.28 | 126.8       | 75.28 | 136.0       | 81.60 | 145.2       | 91.76 | 147.2       | 83.68 | 150.8       | 84.28 |
| 70     | 10                              | 126.8                        | 24.92 | 151.6       | 29.64 | 175.6       | 34.36 | 188.0       | 37.12 | 200.8       | 39.68 | 224.8       | 45.16 | 249.6       | 50.52 |
|        | 12                              | 126.8                        | 25.32 | 151.6       | 30.04 | 175.6       | 35.16 | 188.0       | 37.72 | 200.8       | 40.44 | 224.8       | 45.96 | 249.6       | 51.48 |
|        | 14                              | 126.8                        | 25.72 | 151.6       | 30.44 | 175.6       | 35.72 | 188.0       | 38.28 | 200.8       | 41.04 | 224.8       | 46.92 | 249.6       | 52.40 |
|        | 16                              | 126.8                        | 26.12 | 151.6       | 31.04 | 175.6       | 36.32 | 188.0       | 39.08 | 200.8       | 41.84 | 224.8       | 47.72 | 249.6       | 53.52 |
|        | 18                              | 126.8                        | 26.52 | 151.6       | 31.60 | 175.6       | 37.12 | 188.0       | 39.88 | 200.8       | 42.60 | 224.8       | 48.52 | 249.6       | 54.48 |
|        | 20                              | 126.8                        | 26.92 | 151.6       | 32.20 | 175.6       | 37.72 | 188.0       | 40.64 | 200.8       | 43.60 | 224.8       | 49.68 | 249.6       | 56.56 |
|        | 21                              | 126.8                        | 27.28 | 151.6       | 32.40 | 175.6       | 38.08 | 188.0       | 41.04 | 200.8       | 44.00 | 224.8       | 50.48 | 249.6       | 57.76 |
|        | 23                              | 126.8                        | 27.68 | 151.6       | 33.20 | 175.6       | 38.88 | 188.0       | 42.40 | 200.8       | 46.16 | 224.8       | 54.00 | 249.6       | 60.96 |
|        | 25                              | 126.8                        | 28.08 | 151.6       | 34.36 | 175.6       | 41.44 | 188.0       | 45.36 | 200.8       | 49.28 | 224.8       | 57.72 | 249.6       | 63.92 |
|        | 27                              | 126.8                        | 29.64 | 151.6       | 36.72 | 175.6       | 44.20 | 188.0       | 48.12 | 200.8       | 52.64 | 224.8       | 61.64 | 249.6       | 67.96 |
|        | 29                              | 126.8                        | 31.60 | 151.6       | 38.88 | 175.6       | 46.92 | 188.0       | 51.24 | 200.8       | 55.96 | 224.8       | 65.80 | 249.6       | 72.80 |
|        | 31                              | 126.8                        | 33.56 | 151.6       | 41.44 | 175.6       | 50.08 | 188.0       | 54.80 | 200.8       | 59.68 | 224.8       | 70.12 | 249.6       | 77.24 |
|        | 33                              | 126.8                        | 35.56 | 151.6       | 43.80 | 175.6       | 53.20 | 188.0       | 58.12 | 200.8       | 63.44 | 224.8       | 74.60 | 249.6       | 82.24 |
|        | 35                              | 126.8                        | 37.52 | 151.6       | 46.76 | 175.6       | 56.56 | 188.0       | 61.84 | 200.8       | 67.56 | 224.8       | 79.52 | 249.6       | 87.20 |
|        | 37                              | 126.8                        | 39.88 | 151.6       | 49.52 | 175.6       | 60.08 | 188.0       | 65.80 | 200.8       | 71.88 | 224.8       | 84.64 | 249.6       | 92.04 |
|        | 39                              | 126.8                        | 42.32 | 151.6       | 52.80 | 175.6       | 64.24 | 188.0       | 70.76 | 200.8       | 77.64 | 224.8       | 90.56 | 249.6       | 99.20 |
|        | 41                              | 126.8                        | 48.52 | 151.6       | 59.96 | 175.6       | 73.08 | 188.0       | 80.48 | 200.8       | 87.52 | 224.8       | 103.2 | 249.6       | 111.0 |
|        | 43                              | 126.8                        | 54.72 | 151.6       | 67.72 | 175.6       | 82.60 | 188.0       | 90.92 | 200.8       | 99.00 | 224.8       | 116.8 | 249.6       | 124.3 |
|        | 46                              | 122.8                        | 63.80 | 146.8       | 79.88 | 170.0       | 97.64 | 182.0       | 106.3 | 194.4       | 117.1 | 217.6       | 138.2 | 241.6       | 145.4 |
|        | 48                              | 108.4                        | 56.28 | 130.0       | 70.52 | 150.4       | 86.28 | 161.2       | 93.88 | 172.0       | 103.6 | 192.4       | 122.2 | 213.6       | 127.2 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 94.40                        | 48.60 | 112.8       | 60.96 | 130.8       | 74.64 | 140.0       | 81.20 | 149.6       | 89.72 | 167.2       | 105.9 | 186.0       | 108.6 |
|        | 52                              | 80.40                        | 40.76 | 96.00       | 51.20 | 111.2       | 62.80 | 119.2       | 68.24 | 126.8       | 75.56 | 142.0       | 89.24 | 158.0       | 89.56 |
| 60     | 10                              | 108.4                        | 21.68 | 129.6       | 25.44 | 150.8       | 29.56 | 161.2       | 31.72 | 172.0       | 33.72 | 192.8       | 38.24 | 214.0       | 42.76 |
|        | 12                              | 108.4                        | 22.08 | 129.6       | 25.80 | 150.8       | 29.96 | 161.2       | 32.12 | 172.0       | 34.28 | 192.8       | 38.84 | 214.0       | 43.56 |
|        | 14                              | 108.4                        | 22.28 | 129.6       | 26.20 | 150.8       | 30.56 | 161.2       | 32.72 | 172.0       | 34.88 | 192.8       | 39.60 | 214.0       | 44.36 |
|        | 16                              | 108.4                        | 22.68 | 129.6       | 26.80 | 150.8       | 30.96 | 161.2       | 33.32 | 172.0       | 35.68 | 192.8       | 40.40 | 214.0       | 45.12 |
|        | 18                              | 108.4                        | 23.08 | 129.6       | 27.20 | 150.8       | 31.52 | 161.2       | 33.92 | 172.0       | 36.28 | 192.8       | 41.00 | 214.0       | 46.12 |
|        | 20                              | 108.4                        | 23.44 | 129.6       | 27.60 | 150.8       | 32.12 | 161.2       | 34.48 | 172.0       | 36.84 | 192.8       | 41.80 | 214.0       | 47.12 |
|        | 21                              | 108.4                        | 23.64 | 129.6       | 27.80 | 150.8       | 32.52 | 161.2       | 34.88 | 172.0       | 37.24 | 192.8       | 42.36 | 214.0       | 47.52 |
|        | 23                              | 108.4                        | 24.04 | 129.6       | 28.40 | 150.8       | 32.92 | 161.2       | 35.48 | 172.0       | 38.04 | 192.8       | 43.96 | 214.0       | 50.44 |
|        | 25                              | 108.4                        | 24.44 | 129.6       | 28.96 | 150.8       | 34.28 | 161.2       | 37.24 | 172.0       | 40.40 | 192.8       | 46.92 | 214.0       | 54.00 |
|        | 27                              | 108.4                        | 25.24 | 129.6       | 30.56 | 150.8       | 36.48 | 161.2       | 39.60 | 172.0       | 42.96 | 192.8       | 49.88 | 214.0       | 57.56 |
|        | 29                              | 108.4                        | 26.80 | 129.6       | 32.52 | 150.8       | 38.84 | 161.2       | 42.16 | 172.0       | 45.72 | 192.8       | 53.20 | 214.0       | 61.48 |
|        | 31                              | 108.4                        | 28.40 | 129.6       | 34.48 | 150.8       | 41.20 | 161.2       | 44.92 | 172.0       | 48.68 | 192.8       | 56.76 | 214.0       | 65.44 |
|        | 33                              | 108.4                        | 29.96 | 129.6       | 36.48 | 150.8       | 43.76 | 161.2       | 47.68 | 172.0       | 51.84 | 192.8       | 60.32 | 214.0       | 69.76 |
|        | 35                              | 108.4                        | 31.72 | 129.6       | 38.84 | 150.8       | 46.52 | 161.2       | 50.64 | 172.0       | 55.00 | 192.8       | 64.24 | 214.0       | 74.12 |
|        | 37                              | 108.4                        | 33.52 | 129.6       | 40.96 | 150.8       | 49.28 | 161.2       | 53.80 | 172.0       | 58.36 | 192.8       | 68.20 | 214.0       | 78.84 |
|        | 39                              | 108.4                        | 35.64 | 129.6       | 43.64 | 150.8       | 53.20 | 161.2       | 57.72 | 172.0       | 62.80 | 192.8       | 73.12 | 214.0       | 84.48 |
|        | 41                              | 108.4                        | 40.08 | 129.6       | 49.52 | 150.8       | 59.88 | 161.2       | 65.40 | 172.0       | 70.68 | 192.8       | 83.20 | 214.0       | 95.20 |
|        | 43                              | 108.4                        | 45.12 | 129.6       | 55.84 | 150.8       | 67.64 | 161.2       | 73.84 | 172.0       | 79.84 | 192.8       | 94.12 | 214.0       | 107.7 |
|        | 46                              | 105.2                        | 53.04 | 125.6       | 65.80 | 146.0       | 79.84 | 156.0       | 87.08 | 166.4       | 94.28 | 186.8       | 111.3 | 207.2       | 128.8 |
|        | 48                              | 92.80                        | 46.72 | 110.8       | 58.04 | 129.2       | 70.52 | 138.0       | 76.88 | 147.2       | 83.28 | 165.2       | 98.36 | 183.2       | 113.9 |
|        | 50                              | 80.80                        | 40.24 | 96.40       | 50.12 | 112.4       | 60.96 | 120.0       | 66.44 | 128.0       | 72.04 | 143.6       | 85.16 | 159.6       | 98.68 |
|        | 52                              | 68.80                        | 33.64 | 82.00       | 42.04 | 95.20       | 51.20 | 102.0       | 55.80 | 108.8       | 60.52 | 122.0       | 71.68 | 135.6       | 83.12 |
| 50     | 10                              | 90.80                        | 18.80 | 108.4       | 21.76 | 125.6       | 24.72 | 134.4       | 26.52 | 143.2       | 28.08 | 160.4       | 31.64 | 178.4       | 35.20 |
|        | 12                              | 90.80                        | 19.00 | 108.4       | 21.96 | 125.6       | 25.12 | 134.4       | 26.92 | 143.2       | 28.68 | 160.4       | 32.24 | 178.4       | 35.80 |
|        | 14                              | 90.80                        | 19.20 | 108.4       | 22.36 | 125.6       | 25.52 | 134.4       | 27.32 | 143.2       | 29.08 | 160.4       | 32.64 | 178.4       | 36.40 |
|        | 16                              | 90.80                        | 19.60 | 108.4       | 22.76 | 125.6       | 25.92 | 134.4       | 27.88 | 143.2       | 29.48 | 160.4       | 33.24 | 178.4       | 37.00 |
|        | 18                              | 90.80                        | 19.80 | 108.4       | 22.96 | 125.6       | 26.32 | 134.4       | 28.28 | 143.2       | 30.08 | 160.4       | 33.84 | 178.4       | 37.80 |
|        | 20                              | 90.80                        | 20.00 | 108.4       | 23.36 | 125.6       | 26.92 | 134.4       | 28.68 | 143.2       | 30.68 | 160.4       | 34.44 | 178.4       | 38.56 |
|        | 21                              | 90.80                        | 20.16 | 108.4       | 23.56 | 125.6       | 27.12 | 134.4       | 29.08 | 143.2       | 30.88 | 160.4       | 34.80 | 178.4       | 38.96 |
|        | 23                              | 90.80                        | 20.56 | 108.4       | 23.92 | 125.6       | 27.48 | 134.4       | 29.48 | 143.2       | 31.44 | 160.4       | 35.40 | 178.4       | 39.76 |
|        | 25                              | 90.80                        | 20.76 | 108.4       | 24.32 | 125.6       | 28.08 | 134.4       | 30.08 | 143.2       | 32.44 | 160.4       | 37.20 | 178.4       | 42.52 |
|        | 27                              | 90.80                        | 21.16 | 108.4       | 25.12 | 125.6       | 29.68 | 134.4       | 32.04 | 143.2       | 34.44 | 160.4       | 39.76 | 178.4       | 45.32 |
|        | 29                              | 90.80                        | 22.36 | 108.4       | 26.72 | 125.6       | 31.44 | 134.4       | 34.04 | 143.2       | 36.60 | 160.4       | 42.12 | 178.4       | 48.08 |
|        | 31                              | 90.80                        | 23.56 | 108.4       | 28.28 | 125.6       | 33.44 | 134.4       | 36.00 | 143.2       | 38.96 | 160.4       | 44.92 | 178.4       | 51.24 |
|        | 33                              | 90.80                        | 24.92 | 108.4       | 29.88 | 125.6       | 35.40 | 134.4       | 38.20 | 143.2       | 41.36 | 160.4       | 47.68 | 178.4       | 54.60 |
|        | 35                              | 90.80                        | 26.32 | 108.4       | 31.64 | 125.6       | 37.40 | 134.4       | 40.56 | 143.2       | 43.72 | 160.4       | 50.44 | 178.4       | 57.96 |
|        | 37                              | 90.80                        | 27.88 | 108.4       | 33.44 | 125.6       | 39.56 | 134.4       | 42.92 | 143.2       | 46.28 | 160.4       | 53.80 | 178.4       | 61.52 |
|        | 39                              | 90.80                        | 29.76 | 108.4       | 35.84 | 125.6       | 42.40 | 134.4       | 46.20 | 143.2       | 49.68 | 160.4       | 57.32 | 178.4       | 66.44 |
|        | 41                              | 90.80                        | 33.36 | 108.4       | 40.24 | 125.6       | 48.08 | 134.4       | 51.88 | 143.2       | 55.80 | 160.4       | 65.16 | 178.4       | 74.84 |
|        | 43                              | 90.80                        | 37.56 | 108.4       | 45.32 | 125.6       | 54.20 | 134.4       | 58.56 | 143.2       | 62.96 | 160.4       | 73.60 | 178.4       | 84.56 |
|        | 46                              | 88.00                        | 44.16 | 105.2       | 53.36 | 121.6       | 63.80 | 130.0       | 69.00 | 138.4       | 74.16 | 155.2       | 86.92 | 172.8       | 99.92 |
|        | 48                              | 77.60                        | 38.88 | 92.80       | 47.04 | 107.6       | 56.24 | 115.2       | 60.88 | 122.4       | 65.44 | 137.2       | 76.76 | 152.8       | 88.28 |
|        | 50                              | 67.60                        | 33.52 | 80.80       | 40.60 | 93.60       | 48.52 | 100.0       | 52.56 | 106.4       | 56.48 | 119.2       | 66.40 | 132.8       | 76.40 |
|        | 52                              | 57.60                        | 28.04 | 68.80       | 34.00 | 79.60       | 40.64 | 85.20       | 44.08 | 90.40       | 47.36 | 101.6       | 55.80 | 113.2       | 64.24 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### 7.2 Cooling Operation : Advanced SLC

ARUM080LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|----------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                            | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 130    | 10                         | 4.80                         | 0.32 | 7.60        | 0.51 | 10.80       | 0.72 | 11.60       | 0.77 | 12.30       | 0.82 | 13.10       | 0.88 | 14.00       | 0.94 |
|        | 12                         | 4.80                         | 0.32 | 7.60        | 0.51 | 10.80       | 0.72 | 11.60       | 0.78 | 12.30       | 0.83 | 13.10       | 0.88 | 14.00       | 0.95 |
|        | 14                         | 4.80                         | 0.30 | 7.60        | 0.51 | 10.80       | 0.73 | 11.60       | 0.78 | 12.30       | 0.83 | 13.10       | 0.89 | 14.00       | 0.96 |
|        | 16                         | 4.80                         | 0.31 | 7.60        | 0.51 | 10.80       | 0.74 | 11.60       | 0.79 | 12.30       | 0.84 | 13.10       | 0.90 | 14.00       | 0.98 |
|        | 18                         | 4.80                         | 0.32 | 7.60        | 0.52 | 10.80       | 0.75 | 11.60       | 0.81 | 12.30       | 0.87 | 13.10       | 0.93 | 14.00       | 1.02 |
|        | 20                         | 4.80                         | 0.33 | 7.60        | 0.53 | 10.80       | 0.79 | 11.60       | 0.86 | 12.30       | 0.93 | 13.10       | 1.00 | 14.00       | 1.13 |
|        | 21                         | 5.40                         | 0.39 | 8.20        | 0.61 | 11.40       | 0.95 | 12.20       | 1.04 | 12.90       | 1.14 | 13.60       | 1.25 | 14.50       | 1.51 |
|        | 23                         | 6.70                         | 1.16 | 9.50        | 1.36 | 12.60       | 1.63 | 13.30       | 1.69 | 14.00       | 1.76 | 14.70       | 1.82 | 15.40       | 1.93 |
|        | 25                         | 8.00                         | 1.36 | 10.70       | 1.61 | 13.80       | 1.94 | 14.50       | 2.02 | 15.20       | 2.10 | 15.70       | 2.17 | 16.30       | 2.30 |
|        | 27                         | 9.30                         | 1.64 | 12.00       | 1.94 | 15.10       | 2.35 | 15.70       | 2.44 | 16.30       | 2.55 | 16.80       | 2.61 | 18.30       | 2.92 |
|        | 29                         | 10.60                        | 2.01 | 13.30       | 2.36 | 16.30       | 2.88 | 16.90       | 2.99 | 17.60       | 3.11 | 18.60       | 3.31 | 21.60       | 4.00 |
|        | 31                         | 12.00                        | 2.49 | 14.60       | 2.88 | 17.60       | 3.46 | 18.20       | 3.58 | 19.80       | 3.92 | 22.00       | 4.45 | 25.00       | 5.32 |
|        | 33                         | 13.50                        | 3.01 | 16.00       | 3.47 | 19.00       | 4.16 | 20.90       | 4.64 | 23.30       | 5.29 | 25.40       | 5.93 | 28.30       | 7.04 |
|        | 35                         | 15.00                        | 3.67 | 17.40       | 4.20 | 22.30       | 5.58 | 24.40       | 6.25 | 26.70       | 7.07 | 28.80       | 7.85 | 31.60       | 9.24 |
|        | 37                         | 15.00                        | 3.90 | 17.40       | 4.46 | 22.30       | 5.94 | 24.40       | 6.66 | 26.80       | 7.52 | 28.90       | 8.35 | 31.60       | 9.86 |
|        | 39                         | 15.00                        | 4.15 | 17.40       | 4.75 | 22.30       | 6.32 | 24.40       | 7.09 | 26.70       | 8.01 | 28.80       | 8.91 | 29.00       | 9.23 |
|        | 41                         | 15.00                        | 4.42 | 17.40       | 5.06 | 22.30       | 6.73 | 24.40       | 7.55 | 26.60       | 8.45 | 26.50       | 8.45 | 26.20       | 8.56 |
|        | 43                         | 15.00                        | 4.70 | 17.40       | 5.39 | 22.30       | 7.17 | 23.90       | 7.83 | 23.90       | 7.82 | 23.80       | 7.82 | 23.50       | 7.91 |
|        | 46                         | 15.00                        | 5.17 | 17.40       | 5.92 | 20.20       | 7.02 | 20.20       | 7.02 | 20.20       | 7.01 | 20.30       | 7.02 | 20.00       | 7.07 |
|        | 48                         | 15.00                        | 5.51 | 17.50       | 6.31 | 18.00       | 6.54 | 18.10       | 6.54 | 18.00       | 6.53 | 18.00       | 6.55 | 17.80       | 6.59 |
|        | 50                         | 15.00                        | 5.86 | 15.90       | 6.12 | 15.90       | 6.12 | 16.00       | 6.13 | 15.90       | 6.12 | 16.00       | 6.14 | 15.70       | 6.18 |
|        | 52                         | 13.90                        | 5.83 | 14.10       | 5.77 | 14.10       | 5.78 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.77 | 13.90       | 5.80 |
| 120    | 10                         | 4.40                         | 0.30 | 7.10        | 0.47 | 10.00       | 0.66 | 10.70       | 0.71 | 11.40       | 0.76 | 12.20       | 0.81 | 12.90       | 0.87 |
|        | 12                         | 4.40                         | 0.29 | 7.10        | 0.47 | 10.00       | 0.67 | 10.70       | 0.72 | 11.40       | 0.76 | 12.20       | 0.81 | 12.90       | 0.87 |
|        | 14                         | 4.40                         | 0.27 | 7.10        | 0.47 | 10.00       | 0.67 | 10.70       | 0.72 | 11.40       | 0.77 | 12.20       | 0.82 | 12.90       | 0.88 |
|        | 16                         | 4.40                         | 0.27 | 7.10        | 0.47 | 10.00       | 0.68 | 10.70       | 0.73 | 11.40       | 0.78 | 12.20       | 0.83 | 12.90       | 0.90 |
|        | 18                         | 4.40                         | 0.28 | 7.10        | 0.48 | 10.00       | 0.69 | 10.70       | 0.74 | 11.40       | 0.79 | 12.20       | 0.85 | 12.90       | 0.93 |
|        | 20                         | 4.40                         | 0.29 | 7.10        | 0.49 | 10.00       | 0.72 | 10.70       | 0.78 | 11.40       | 0.84 | 12.20       | 0.91 | 12.90       | 1.01 |
|        | 21                         | 5.00                         | 0.34 | 7.60        | 0.56 | 10.50       | 0.84 | 11.20       | 0.93 | 11.90       | 1.01 | 12.60       | 1.10 | 13.30       | 1.31 |
|        | 23                         | 6.10                         | 1.12 | 8.70        | 1.30 | 11.60       | 1.54 | 12.30       | 1.60 | 12.90       | 1.66 | 13.60       | 1.71 | 14.20       | 1.81 |
|        | 25                         | 7.30                         | 1.31 | 9.90        | 1.53 | 12.70       | 1.82 | 13.40       | 1.89 | 14.00       | 1.96 | 14.50       | 2.02 | 15.10       | 2.13 |
|        | 27                         | 8.50                         | 1.56 | 11.10       | 1.82 | 13.90       | 2.19 | 14.50       | 2.27 | 15.10       | 2.36 | 15.50       | 2.42 | 16.90       | 2.68 |
|        | 29                         | 9.80                         | 1.89 | 12.30       | 2.21 | 15.10       | 2.66 | 15.70       | 2.76 | 16.20       | 2.86 | 17.20       | 3.05 | 20.00       | 3.65 |
|        | 31                         | 11.10                        | 2.33 | 13.50       | 2.68 | 16.30       | 3.20 | 16.80       | 3.30 | 18.30       | 3.59 | 20.40       | 4.05 | 23.00       | 4.81 |
|        | 33                         | 12.40                        | 2.80 | 14.80       | 3.21 | 17.50       | 3.81 | 19.30       | 4.23 | 21.50       | 4.80 | 23.50       | 5.35 | 26.10       | 6.31 |
|        | 35                         | 13.80                        | 3.39 | 16.10       | 3.86 | 20.50       | 5.06 | 22.60       | 5.65 | 24.70       | 6.35 | 26.70       | 7.02 | 29.20       | 8.21 |
|        | 37                         | 13.80                        | 3.60 | 16.10       | 4.11 | 20.50       | 5.39 | 22.60       | 6.01 | 24.70       | 6.76 | 26.70       | 7.48 | 29.20       | 8.75 |
|        | 39                         | 13.80                        | 3.84 | 16.10       | 4.37 | 20.50       | 5.74 | 22.60       | 6.41 | 24.70       | 7.20 | 26.60       | 7.97 | 29.00       | 9.24 |
|        | 41                         | 13.80                        | 4.08 | 16.10       | 4.65 | 20.50       | 6.11 | 22.50       | 6.82 | 24.70       | 7.67 | 26.50       | 8.45 | 26.20       | 8.54 |
|        | 43                         | 13.80                        | 4.34 | 16.10       | 4.96 | 20.50       | 6.51 | 22.60       | 7.26 | 23.90       | 7.82 | 23.90       | 7.84 | 23.60       | 7.91 |
|        | 46                         | 13.80                        | 4.78 | 16.10       | 5.44 | 20.20       | 7.02 | 20.20       | 7.02 | 20.20       | 7.01 | 20.30       | 7.02 | 20.00       | 7.07 |
|        | 48                         | 13.80                        | 5.09 | 16.10       | 5.79 | 18.10       | 6.55 | 18.10       | 6.55 | 18.00       | 6.55 | 18.00       | 6.54 | 17.70       | 6.59 |
|        | 50                         | 13.80                        | 5.43 | 16.00       | 6.13 | 16.00       | 6.13 | 16.00       | 6.12 | 15.90       | 6.12 | 16.00       | 6.13 | 15.70       | 6.17 |
|        | 52                         | 13.80                        | 5.78 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.76 | 14.10       | 5.76 | 13.90       | 5.81 |
| 110    | 10                         | 4.00                         | 0.27 | 6.50        | 0.43 | 9.20        | 0.61 | 9.80        | 0.65 | 10.50       | 0.70 | 11.10       | 0.74 | 11.80       | 0.80 |
|        | 12                         | 4.00                         | 0.25 | 6.50        | 0.43 | 9.20        | 0.61 | 9.80        | 0.66 | 10.50       | 0.70 | 11.10       | 0.74 | 11.80       | 0.80 |
|        | 14                         | 4.00                         | 0.24 | 6.50        | 0.43 | 9.20        | 0.61 | 9.80        | 0.66 | 10.50       | 0.70 | 11.10       | 0.75 | 11.80       | 0.81 |
|        | 16                         | 4.00                         | 0.23 | 6.50        | 0.43 | 9.20        | 0.62 | 9.80        | 0.66 | 10.50       | 0.71 | 11.10       | 0.76 | 11.80       | 0.82 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 110    | 18                               | 4.00                         | 0.24 | 6.50        | 0.44 | 9.20        | 0.63 | 9.80        | 0.67 | 10.50       | 0.72 | 11.10       | 0.77 | 11.80       | 0.84 |
|        | 20                               | 4.00                         | 0.25 | 6.50        | 0.45 | 9.20        | 0.65 | 9.80        | 0.70 | 10.50       | 0.76 | 11.10       | 0.82 | 11.80       | 0.91 |
|        | 21                               | 4.60                         | 0.30 | 7.00        | 0.50 | 9.70        | 0.75 | 10.30       | 0.82 | 10.90       | 0.89 | 11.60       | 0.97 | 12.20       | 1.13 |
|        | 23                               | 5.60                         | 1.03 | 8.00        | 1.25 | 10.70       | 1.46 | 11.30       | 1.51 | 11.90       | 1.56 | 12.40       | 1.61 | 13.00       | 1.70 |
|        | 25                               | 6.70                         | 1.23 | 9.10        | 1.45 | 11.70       | 1.71 | 12.30       | 1.77 | 12.80       | 1.83 | 13.30       | 1.88 | 13.80       | 1.98 |
|        | 27                               | 7.90                         | 1.48 | 10.10       | 1.71 | 12.80       | 2.03 | 13.30       | 2.10 | 13.80       | 2.18 | 14.20       | 2.23 | 15.50       | 2.46 |
|        | 29                               | 9.00                         | 1.78 | 11.30       | 2.06 | 13.90       | 2.45 | 14.30       | 2.54 | 14.90       | 2.62 | 15.80       | 2.78 | 18.30       | 3.32 |
|        | 31                               | 10.20                        | 2.17 | 12.40       | 2.49 | 15.00       | 2.94 | 15.40       | 3.02 | 16.70       | 3.28 | 18.70       | 3.67 | 21.10       | 4.33 |
|        | 33                               | 11.40                        | 2.61 | 13.60       | 2.96 | 16.10       | 3.48 | 17.70       | 3.85 | 19.70       | 4.33 | 21.60       | 4.81 | 23.90       | 5.63 |
|        | 35                               | 12.60                        | 3.13 | 14.80       | 3.54 | 18.90       | 4.58 | 20.60       | 5.09 | 22.60       | 5.69 | 24.40       | 6.26 | 26.70       | 7.26 |
|        | 37                               | 12.60                        | 3.33 | 14.80       | 3.76 | 18.90       | 4.87 | 20.60       | 5.41 | 22.60       | 6.05 | 24.40       | 6.66 | 26.70       | 7.74 |
|        | 39                               | 12.60                        | 3.54 | 14.80       | 4.00 | 18.90       | 5.19 | 20.60       | 5.77 | 22.60       | 6.45 | 24.40       | 7.09 | 26.70       | 8.24 |
|        | 41                               | 12.60                        | 3.76 | 14.80       | 4.26 | 18.90       | 5.53 | 20.60       | 6.14 | 22.60       | 6.86 | 24.40       | 7.56 | 26.20       | 8.54 |
|        | 43                               | 12.60                        | 4.01 | 14.80       | 4.53 | 18.90       | 5.88 | 20.60       | 6.54 | 22.70       | 7.31 | 23.90       | 7.84 | 23.60       | 7.92 |
|        | 46                               | 12.60                        | 4.41 | 14.80       | 4.98 | 18.90       | 6.47 | 20.20       | 7.01 | 20.30       | 7.02 | 20.20       | 7.01 | 19.90       | 7.08 |
|        | 48                               | 12.60                        | 4.70 | 14.80       | 5.31 | 18.00       | 6.53 | 18.00       | 6.53 | 18.00       | 6.55 | 18.00       | 6.54 | 17.80       | 6.59 |
|        | 50                               | 12.60                        | 5.01 | 14.70       | 5.66 | 16.00       | 6.13 | 16.00       | 6.16 | 16.00       | 6.13 | 15.90       | 6.13 | 15.70       | 6.17 |
|        | 52                               | 12.60                        | 5.33 | 14.10       | 5.78 | 14.10       | 5.77 | 14.10       | 5.76 | 14.10       | 5.77 | 14.10       | 5.78 | 13.90       | 5.82 |
| 100    | 10                               | 3.70                         | 0.25 | 5.90        | 0.39 | 8.30        | 0.55 | 8.90        | 0.59 | 9.50        | 0.63 | 10.10       | 0.67 | 10.80       | 0.72 |
|        | 12                               | 3.70                         | 0.22 | 5.90        | 0.39 | 8.30        | 0.56 | 8.90        | 0.60 | 9.50        | 0.63 | 10.10       | 0.68 | 10.80       | 0.73 |
|        | 14                               | 3.70                         | 0.21 | 5.90        | 0.37 | 8.30        | 0.56 | 8.90        | 0.60 | 9.50        | 0.64 | 10.10       | 0.68 | 10.80       | 0.73 |
|        | 16                               | 3.70                         | 0.20 | 5.90        | 0.37 | 8.30        | 0.56 | 8.90        | 0.60 | 9.50        | 0.64 | 10.10       | 0.69 | 10.80       | 0.74 |
|        | 18                               | 3.70                         | 0.20 | 5.90        | 0.38 | 8.30        | 0.57 | 8.90        | 0.61 | 9.50        | 0.65 | 10.10       | 0.70 | 10.80       | 0.76 |
|        | 20                               | 3.70                         | 0.21 | 5.90        | 0.40 | 8.30        | 0.59 | 8.90        | 0.63 | 9.50        | 0.68 | 10.10       | 0.73 | 10.80       | 0.80 |
|        | 21                               | 4.20                         | 0.25 | 6.30        | 0.45 | 8.80        | 0.66 | 9.40        | 0.72 | 9.90        | 0.78 | 10.50       | 0.84 | 11.10       | 0.97 |
|        | 23                               | 5.10                         | 0.80 | 7.30        | 1.19 | 9.70        | 1.38 | 10.20       | 1.42 | 10.80       | 1.47 | 11.30       | 1.51 | 11.80       | 1.58 |
|        | 25                               | 6.10                         | 1.12 | 8.20        | 1.37 | 10.60       | 1.60 | 11.20       | 1.66 | 11.70       | 1.71 | 12.10       | 1.75 | 12.60       | 1.84 |
|        | 27                               | 7.20                         | 1.38 | 9.20        | 1.61 | 11.60       | 1.89 | 12.10       | 1.95 | 12.60       | 2.02 | 12.90       | 2.06 | 14.00       | 2.25 |
|        | 29                               | 8.20                         | 1.66 | 10.20       | 1.91 | 12.60       | 2.26 | 13.00       | 2.33 | 13.50       | 2.40 | 14.30       | 2.53 | 16.60       | 3.00 |
|        | 31                               | 9.30                         | 2.01 | 11.30       | 2.31 | 13.60       | 2.70 | 14.00       | 2.77 | 15.20       | 2.99 | 17.00       | 3.33 | 19.20       | 3.88 |
|        | 33                               | 10.40                        | 2.42 | 12.30       | 2.72 | 14.60       | 3.17 | 16.10       | 3.49 | 17.90       | 3.90 | 19.60       | 4.30 | 21.70       | 4.99 |
|        | 35                               | 11.50                        | 2.89 | 13.40       | 3.23 | 17.20       | 4.13 | 18.80       | 4.55 | 20.60       | 5.06 | 22.20       | 5.55 | 24.30       | 6.39 |
|        | 37                               | 11.50                        | 3.06 | 13.40       | 3.43 | 17.20       | 4.39 | 18.80       | 4.85 | 20.60       | 5.39 | 22.20       | 5.90 | 24.30       | 6.81 |
|        | 39                               | 11.50                        | 3.25 | 13.40       | 3.65 | 17.20       | 4.67 | 18.80       | 5.16 | 20.60       | 5.74 | 22.20       | 6.29 | 24.30       | 7.25 |
|        | 41                               | 11.50                        | 3.46 | 13.40       | 3.88 | 17.20       | 4.98 | 18.80       | 5.50 | 20.60       | 6.12 | 22.20       | 6.69 | 24.30       | 7.73 |
|        | 43                               | 11.50                        | 3.68 | 13.40       | 4.13 | 17.20       | 5.30 | 18.80       | 5.85 | 20.60       | 6.51 | 22.20       | 7.13 | 23.60       | 7.90 |
|        | 46                               | 11.50                        | 4.05 | 13.40       | 4.55 | 17.10       | 5.82 | 18.70       | 6.43 | 20.20       | 7.01 | 20.20       | 7.01 | 19.90       | 7.08 |
|        | 48                               | 11.50                        | 4.31 | 13.40       | 4.85 | 17.20       | 6.20 | 18.00       | 6.53 | 18.10       | 6.55 | 18.00       | 6.55 | 17.80       | 6.60 |
|        | 50                               | 11.50                        | 4.60 | 13.40       | 5.17 | 16.00       | 6.13 | 16.00       | 6.12 | 16.00       | 6.13 | 16.00       | 6.13 | 15.70       | 6.17 |
|        | 52                               | 11.50                        | 4.90 | 13.40       | 5.50 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.77 | 13.90       | 5.81 |
| 90     | 10                               | 3.30                         | 0.22 | 5.30        | 0.35 | 7.50        | 0.50 | 8.00        | 0.53 | 8.60        | 0.57 | 9.10        | 0.61 | 9.70        | 0.65 |
|        | 12                               | 3.30                         | 0.19 | 5.30        | 0.33 | 7.50        | 0.50 | 8.00        | 0.53 | 8.60        | 0.57 | 9.10        | 0.61 | 9.70        | 0.65 |
|        | 14                               | 3.30                         | 0.18 | 5.30        | 0.32 | 7.50        | 0.50 | 8.00        | 0.54 | 8.60        | 0.57 | 9.10        | 0.61 | 9.70        | 0.66 |
|        | 16                               | 3.30                         | 0.18 | 5.30        | 0.31 | 7.50        | 0.50 | 8.00        | 0.54 | 8.60        | 0.58 | 9.10        | 0.61 | 9.70        | 0.66 |
|        | 18                               | 3.30                         | 0.17 | 5.30        | 0.32 | 7.50        | 0.51 | 8.00        | 0.55 | 8.60        | 0.58 | 9.10        | 0.62 | 9.70        | 0.67 |
|        | 20                               | 3.30                         | 0.18 | 5.30        | 0.33 | 7.50        | 0.52 | 8.00        | 0.56 | 8.60        | 0.60 | 9.10        | 0.65 | 9.70        | 0.71 |
|        | 21                               | 3.70                         | 0.21 | 5.70        | 0.37 | 7.90        | 0.58 | 8.40        | 0.63 | 8.90        | 0.68 | 9.50        | 0.73 | 10.00       | 0.83 |
|        | 23                               | 4.60                         | 0.58 | 6.60        | 1.01 | 8.70        | 1.30 | 9.20        | 1.34 | 9.70        | 1.38 | 10.20       | 1.42 | 10.60       | 1.48 |
|        | 25                               | 5.50                         | 0.99 | 7.40        | 1.29 | 9.60        | 1.50 | 10.10       | 1.54 | 10.50       | 1.59 | 10.90       | 1.63 | 11.30       | 1.70 |
|        | 27                               | 6.40                         | 1.21 | 8.30        | 1.50 | 10.40       | 1.75 | 10.90       | 1.80 | 11.30       | 1.86 | 11.70       | 1.89 | 12.60       | 2.06 |
|        | 29                               | 7.40                         | 1.53 | 9.20        | 1.77 | 11.30       | 2.07 | 11.80       | 2.13 | 12.20       | 2.19 | 12.90       | 2.31 | 14.90       | 2.69 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 90     | 31                               | 8.30                         | 1.86 | 10.10       | 2.11 | 12.20       | 2.47 | 12.60       | 2.53 | 13.70       | 2.72 | 15.30       | 3.00 | 17.30       | 3.47 |
|        | 33                               | 9.30                         | 2.23 | 11.10       | 2.50 | 13.20       | 2.88 | 14.50       | 3.15 | 16.10       | 3.49 | 17.70       | 3.83 | 19.60       | 4.41 |
|        | 35                               | 10.30                        | 2.65 | 12.10       | 2.95 | 15.40       | 3.70 | 16.90       | 4.06 | 18.60       | 4.48 | 20.00       | 4.89 | 21.90       | 5.60 |
|        | 37                               | 10.30                        | 2.81 | 12.10       | 3.13 | 15.40       | 3.93 | 16.90       | 4.32 | 18.60       | 4.78 | 20.00       | 5.21 | 21.90       | 5.96 |
|        | 39                               | 10.30                        | 2.98 | 12.10       | 3.32 | 15.40       | 4.18 | 16.90       | 4.60 | 18.60       | 5.08 | 20.00       | 5.54 | 21.90       | 6.35 |
|        | 41                               | 10.30                        | 3.17 | 12.10       | 3.53 | 15.40       | 4.46 | 16.90       | 4.90 | 18.60       | 5.41 | 20.00       | 5.90 | 21.90       | 6.76 |
|        | 43                               | 10.30                        | 3.37 | 12.10       | 3.76 | 15.40       | 4.74 | 16.90       | 5.22 | 18.60       | 5.76 | 19.90       | 6.28 | 21.90       | 7.20 |
|        | 46                               | 10.30                        | 3.71 | 12.10       | 4.14 | 15.40       | 5.22 | 16.90       | 5.73 | 18.50       | 6.33 | 20.00       | 6.91 | 20.00       | 7.08 |
|        | 48                               | 10.30                        | 3.95 | 12.10       | 4.41 | 15.50       | 5.56 | 16.90       | 6.10 | 18.10       | 6.55 | 18.00       | 6.53 | 17.80       | 6.59 |
|        | 50                               | 10.30                        | 4.21 | 12.10       | 4.70 | 15.40       | 5.92 | 16.00       | 6.14 | 16.00       | 6.13 | 15.90       | 6.12 | 15.70       | 6.17 |
|        | 52                               | 10.30                        | 4.49 | 12.10       | 5.01 | 14.10       | 5.77 | 14.10       | 5.77 | 14.10       | 5.78 | 14.10       | 5.77 | 13.90       | 5.81 |
| 80     | 10                               | 2.90                         | 0.20 | 4.70        | 0.31 | 6.70        | 0.44 | 7.10        | 0.47 | 7.60        | 0.50 | 8.10        | 0.54 | 8.60        | 0.58 |
|        | 12                               | 2.90                         | 0.16 | 4.70        | 0.28 | 6.70        | 0.43 | 7.10        | 0.47 | 7.60        | 0.51 | 8.10        | 0.54 | 8.60        | 0.58 |
|        | 14                               | 2.90                         | 0.15 | 4.70        | 0.27 | 6.70        | 0.41 | 7.10        | 0.46 | 7.60        | 0.51 | 8.10        | 0.54 | 8.60        | 0.58 |
|        | 16                               | 2.90                         | 0.15 | 4.70        | 0.26 | 6.70        | 0.42 | 7.10        | 0.47 | 7.60        | 0.51 | 8.10        | 0.55 | 8.60        | 0.59 |
|        | 18                               | 2.90                         | 0.14 | 4.70        | 0.26 | 6.70        | 0.43 | 7.10        | 0.48 | 7.60        | 0.52 | 8.10        | 0.55 | 8.60        | 0.60 |
|        | 20                               | 2.90                         | 0.15 | 4.70        | 0.27 | 6.70        | 0.45 | 7.10        | 0.49 | 7.60        | 0.53 | 8.10        | 0.57 | 8.60        | 0.62 |
|        | 21                               | 3.30                         | 0.17 | 5.10        | 0.31 | 7.00        | 0.50 | 7.50        | 0.55 | 8.00        | 0.59 | 8.40        | 0.63 | 8.90        | 0.70 |
|        | 23                               | 4.10                         | 0.41 | 5.80        | 0.72 | 7.70        | 1.23 | 8.20        | 1.26 | 8.70        | 1.29 | 9.00        | 1.32 | 9.50        | 1.38 |
|        | 25                               | 4.90                         | 0.89 | 6.60        | 1.15 | 8.50        | 1.39 | 8.90        | 1.43 | 9.40        | 1.47 | 9.70        | 1.51 | 10.00       | 1.57 |
|        | 27                               | 5.70                         | 1.07 | 7.40        | 1.38 | 9.30        | 1.61 | 9.70        | 1.66 | 10.10       | 1.71 | 10.40       | 1.74 | 11.20       | 1.88 |
|        | 29                               | 6.60                         | 1.33 | 8.20        | 1.63 | 10.00       | 1.89 | 10.40       | 1.94 | 10.80       | 1.99 | 11.50       | 2.09 | 13.30       | 2.42 |
|        | 31                               | 7.40                         | 1.69 | 9.00        | 1.93 | 10.90       | 2.24 | 11.20       | 2.30 | 12.20       | 2.46 | 13.60       | 2.69 | 15.30       | 3.08 |
|        | 33                               | 8.30                         | 2.04 | 9.90        | 2.27 | 11.70       | 2.61 | 12.90       | 2.83 | 14.40       | 3.12 | 15.70       | 3.40 | 17.40       | 3.87 |
|        | 35                               | 9.20                         | 2.41 | 10.70       | 2.67 | 13.70       | 3.30 | 15.00       | 3.60 | 16.50       | 3.95 | 17.80       | 4.28 | 19.40       | 4.86 |
|        | 37                               | 9.20                         | 2.55 | 10.70       | 2.83 | 13.70       | 3.50 | 15.00       | 3.83 | 16.50       | 4.21 | 17.80       | 4.56 | 19.40       | 5.18 |
|        | 39                               | 9.20                         | 2.70 | 10.70       | 3.01 | 13.70       | 3.73 | 15.00       | 4.07 | 16.50       | 4.48 | 17.80       | 4.85 | 19.40       | 5.51 |
|        | 41                               | 9.20                         | 2.87 | 10.70       | 3.20 | 13.70       | 3.97 | 15.00       | 4.33 | 16.50       | 4.77 | 17.80       | 5.17 | 19.40       | 5.87 |
|        | 43                               | 9.20                         | 3.05 | 10.70       | 3.40 | 13.70       | 4.23 | 15.00       | 4.62 | 16.50       | 5.07 | 17.80       | 5.50 | 19.40       | 6.25 |
|        | 46                               | 9.20                         | 3.37 | 10.70       | 3.74 | 13.70       | 4.65 | 15.00       | 5.07 | 16.50       | 5.58 | 17.70       | 6.05 | 19.40       | 6.87 |
|        | 48                               | 9.20                         | 3.60 | 10.70       | 3.99 | 13.70       | 4.96 | 15.10       | 5.41 | 16.50       | 5.94 | 17.80       | 6.44 | 17.80       | 6.61 |
|        | 50                               | 9.20                         | 3.84 | 10.70       | 4.25 | 13.70       | 5.28 | 15.00       | 5.76 | 16.00       | 6.13 | 16.00       | 6.13 | 15.70       | 6.17 |
|        | 52                               | 9.20                         | 4.10 | 10.70       | 4.54 | 13.70       | 5.63 | 14.10       | 5.77 | 14.10       | 5.78 | 14.10       | 5.77 | 13.90       | 5.81 |
| 70     | 10                               | 2.60                         | 0.17 | 4.10        | 0.27 | 5.80        | 0.39 | 6.30        | 0.42 | 6.60        | 0.44 | 7.10        | 0.47 | 7.50        | 0.50 |
|        | 12                               | 2.60                         | 0.15 | 4.10        | 0.23 | 5.80        | 0.36 | 6.30        | 0.40 | 6.60        | 0.44 | 7.10        | 0.47 | 7.50        | 0.51 |
|        | 14                               | 2.60                         | 0.13 | 4.10        | 0.22 | 5.80        | 0.34 | 6.30        | 0.38 | 6.60        | 0.42 | 7.10        | 0.46 | 7.50        | 0.51 |
|        | 16                               | 2.60                         | 0.13 | 4.10        | 0.21 | 5.80        | 0.33 | 6.30        | 0.37 | 6.60        | 0.42 | 7.10        | 0.47 | 7.50        | 0.51 |
|        | 18                               | 2.60                         | 0.12 | 4.10        | 0.21 | 5.80        | 0.34 | 6.30        | 0.39 | 6.60        | 0.43 | 7.10        | 0.48 | 7.50        | 0.52 |
|        | 20                               | 2.60                         | 0.12 | 4.10        | 0.22 | 5.80        | 0.36 | 6.30        | 0.40 | 6.60        | 0.45 | 7.10        | 0.49 | 7.50        | 0.53 |
|        | 21                               | 2.90                         | 0.14 | 4.40        | 0.24 | 6.20        | 0.40 | 6.60        | 0.44 | 6.90        | 0.50 | 7.40        | 0.53 | 7.80        | 0.59 |
|        | 23                               | 3.60                         | 0.30 | 5.10        | 0.50 | 6.80        | 1.08 | 7.20        | 1.15 | 7.50        | 1.21 | 7.90        | 1.24 | 8.30        | 1.29 |
|        | 25                               | 4.50                         | 0.82 | 5.80        | 1.00 | 7.50        | 1.27 | 7.80        | 1.33 | 8.20        | 1.36 | 8.50        | 1.39 | 8.80        | 1.45 |
|        | 27                               | 5.00                         | 0.95 | 6.50        | 1.20 | 8.10        | 1.49 | 8.50        | 1.52 | 8.80        | 1.56 | 9.00        | 1.59 | 9.80        | 1.71 |
|        | 29                               | 5.70                         | 1.16 | 7.20        | 1.45 | 8.80        | 1.72 | 9.10        | 1.76 | 9.40        | 1.80 | 10.00       | 1.89 | 11.60       | 2.16 |
|        | 31                               | 6.50                         | 1.47 | 7.90        | 1.76 | 9.50        | 2.02 | 9.80        | 2.06 | 10.60       | 2.20 | 11.90       | 2.41 | 13.40       | 2.72 |
|        | 33                               | 7.20                         | 1.82 | 8.60        | 2.06 | 10.30       | 2.35 | 11.30       | 2.53 | 12.50       | 2.77 | 13.70       | 2.99 | 15.20       | 3.38 |
|        | 35                               | 8.00                         | 2.15 | 9.40        | 2.40 | 12.00       | 2.93 | 13.20       | 3.17 | 14.40       | 3.46 | 15.50       | 3.73 | 17.00       | 4.19 |
|        | 37                               | 8.00                         | 2.29 | 9.40        | 2.54 | 12.00       | 3.11 | 13.20       | 3.37 | 14.40       | 3.68 | 15.50       | 3.96 | 17.00       | 4.46 |
|        | 39                               | 8.00                         | 2.43 | 9.40        | 2.69 | 12.00       | 3.30 | 13.20       | 3.58 | 14.40       | 3.91 | 15.50       | 4.22 | 17.00       | 4.75 |
|        | 41                               | 8.00                         | 2.57 | 9.40        | 2.86 | 12.00       | 3.51 | 13.20       | 3.81 | 14.40       | 4.16 | 15.50       | 4.49 | 17.00       | 5.06 |
|        | 43                               | 8.00                         | 2.73 | 9.40        | 3.04 | 12.00       | 3.74 | 13.20       | 4.06 | 14.40       | 4.43 | 15.50       | 4.78 | 17.00       | 5.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 70     | 46                              | 8.00                         | 3.00 | 9.40        | 3.36 | 12.00       | 4.12 | 13.20       | 4.46 | 14.40       | 4.88 | 15.50       | 5.25 | 17.00       | 5.92 |
|        | 48                              | 8.00                         | 3.21 | 9.40        | 3.59 | 12.00       | 4.39 | 13.20       | 4.76 | 14.40       | 5.20 | 15.60       | 5.60 | 17.10       | 6.30 |
|        | 50                              | 8.00                         | 3.43 | 9.40        | 3.83 | 12.00       | 4.68 | 13.10       | 5.07 | 14.40       | 5.53 | 15.50       | 5.96 | 15.80       | 6.19 |
|        | 52                              | 8.00                         | 3.67 | 9.40        | 4.09 | 12.00       | 4.99 | 13.10       | 5.41 | 14.10       | 5.76 | 14.10       | 5.78 | 13.90       | 5.80 |
| 60     | 10                              | 2.20                         | 0.18 | 3.50        | 0.23 | 5.00        | 0.33 | 5.30        | 0.36 | 5.70        | 0.38 | 6.10        | 0.40 | 6.50        | 0.43 |
|        | 12                              | 2.20                         | 0.17 | 3.50        | 0.19 | 5.00        | 0.28 | 5.30        | 0.32 | 5.70        | 0.35 | 6.10        | 0.38 | 6.50        | 0.42 |
|        | 14                              | 2.20                         | 0.13 | 3.50        | 0.18 | 5.00        | 0.27 | 5.30        | 0.30 | 5.70        | 0.33 | 6.10        | 0.37 | 6.50        | 0.40 |
|        | 16                              | 2.20                         | 0.12 | 3.50        | 0.18 | 5.00        | 0.26 | 5.30        | 0.29 | 5.70        | 0.32 | 6.10        | 0.36 | 6.50        | 0.40 |
|        | 18                              | 2.20                         | 0.12 | 3.50        | 0.17 | 5.00        | 0.26 | 5.30        | 0.30 | 5.70        | 0.33 | 6.10        | 0.37 | 6.50        | 0.41 |
|        | 20                              | 2.20                         | 0.12 | 3.50        | 0.17 | 5.00        | 0.28 | 5.30        | 0.31 | 5.70        | 0.34 | 6.10        | 0.39 | 6.50        | 0.43 |
|        | 21                              | 2.50                         | 0.12 | 3.80        | 0.19 | 5.30        | 0.30 | 5.60        | 0.34 | 6.00        | 0.38 | 6.30        | 0.42 | 6.70        | 0.47 |
|        | 23                              | 3.10                         | 0.22 | 4.40        | 0.34 | 5.80        | 0.68 | 6.10        | 0.81 | 6.50        | 0.95 | 6.80        | 1.10 | 7.10        | 1.19 |
|        | 25                              | 4.40                         | 0.77 | 4.90        | 0.86 | 6.40        | 1.07 | 6.70        | 1.14 | 7.00        | 1.22 | 7.20        | 1.28 | 7.60        | 1.33 |
|        | 27                              | 4.40                         | 0.84 | 5.50        | 1.02 | 7.00        | 1.27 | 7.20        | 1.37 | 7.50        | 1.42 | 7.70        | 1.44 | 8.50        | 1.54 |
|        | 29                              | 4.90                         | 1.00 | 6.10        | 1.23 | 7.60        | 1.55 | 7.80        | 1.59 | 8.10        | 1.62 | 8.60        | 1.69 | 10.00       | 1.91 |
|        | 31                              | 5.60                         | 1.24 | 6.80        | 1.54 | 8.20        | 1.80 | 8.40        | 1.84 | 9.10        | 1.96 | 10.20       | 2.13 | 11.60       | 2.40 |
|        | 33                              | 6.20                         | 1.62 | 7.40        | 1.85 | 8.80        | 2.08 | 9.60        | 2.24 | 10.70       | 2.44 | 11.70       | 2.62 | 13.10       | 2.92 |
|        | 35                              | 6.90                         | 1.90 | 8.10        | 2.13 | 10.30       | 2.59 | 11.20       | 2.78 | 12.30       | 3.01 | 13.30       | 3.21 | 14.60       | 3.58 |
|        | 37                              | 6.90                         | 2.02 | 8.10        | 2.25 | 10.30       | 2.74 | 11.20       | 2.95 | 12.30       | 3.19 | 13.30       | 3.41 | 14.60       | 3.80 |
|        | 39                              | 6.90                         | 2.15 | 8.10        | 2.37 | 10.30       | 2.91 | 11.20       | 3.13 | 12.30       | 3.39 | 13.30       | 3.63 | 14.60       | 4.05 |
|        | 41                              | 6.90                         | 2.27 | 8.10        | 2.52 | 10.30       | 3.09 | 11.20       | 3.33 | 12.30       | 3.60 | 13.30       | 3.86 | 14.60       | 4.31 |
|        | 43                              | 6.90                         | 2.41 | 8.10        | 2.67 | 10.30       | 3.29 | 11.20       | 3.54 | 12.30       | 3.84 | 13.30       | 4.11 | 14.60       | 4.59 |
|        | 46                              | 6.90                         | 2.64 | 8.10        | 2.93 | 10.30       | 3.62 | 11.20       | 3.90 | 12.30       | 4.22 | 13.30       | 4.52 | 14.60       | 5.05 |
|        | 48                              | 6.90                         | 2.80 | 8.10        | 3.13 | 10.30       | 3.85 | 11.20       | 4.15 | 12.30       | 4.50 | 13.30       | 4.82 | 14.60       | 5.38 |
|        | 50                              | 6.90                         | 2.99 | 8.10        | 3.35 | 10.30       | 4.11 | 11.20       | 4.43 | 12.30       | 4.80 | 13.30       | 5.13 | 14.60       | 5.72 |
|        | 52                              | 6.90                         | 3.20 | 8.10        | 3.59 | 10.30       | 4.39 | 11.20       | 4.73 | 12.40       | 5.12 | 13.30       | 5.48 | 13.90       | 5.81 |
| 50     | 10                              | 1.80                         | 0.20 | 2.90        | 0.20 | 4.20        | 0.28 | 4.50        | 0.30 | 4.80        | 0.31 | 5.10        | 0.34 | 5.40        | 0.36 |
|        | 12                              | 1.80                         | 0.17 | 2.90        | 0.20 | 4.20        | 0.22 | 4.50        | 0.24 | 4.80        | 0.27 | 5.10        | 0.29 | 5.40        | 0.32 |
|        | 14                              | 1.80                         | 0.12 | 2.90        | 0.15 | 4.20        | 0.21 | 4.50        | 0.23 | 4.80        | 0.26 | 5.10        | 0.28 | 5.40        | 0.30 |
|        | 16                              | 1.80                         | 0.12 | 2.90        | 0.14 | 4.20        | 0.21 | 4.50        | 0.23 | 4.80        | 0.25 | 5.10        | 0.27 | 5.40        | 0.30 |
|        | 18                              | 1.80                         | 0.12 | 2.90        | 0.14 | 4.20        | 0.20 | 4.50        | 0.22 | 4.80        | 0.25 | 5.10        | 0.27 | 5.40        | 0.30 |
|        | 20                              | 1.80                         | 0.11 | 2.90        | 0.14 | 4.20        | 0.20 | 4.50        | 0.23 | 4.80        | 0.25 | 5.10        | 0.29 | 5.40        | 0.32 |
|        | 21                              | 2.10                         | 0.11 | 3.20        | 0.15 | 4.40        | 0.22 | 4.70        | 0.25 | 5.00        | 0.28 | 5.30        | 0.31 | 5.60        | 0.34 |
|        | 23                              | 2.50                         | 0.15 | 3.60        | 0.24 | 4.90        | 0.42 | 5.10        | 0.49 | 5.40        | 0.57 | 5.70        | 0.65 | 5.90        | 0.98 |
|        | 25                              | 4.20                         | 0.74 | 4.60        | 0.79 | 5.30        | 0.89 | 5.60        | 0.95 | 5.80        | 1.01 | 6.10        | 1.06 | 6.30        | 1.13 |
|        | 27                              | 4.20                         | 0.80 | 4.60        | 0.86 | 5.80        | 1.04 | 6.00        | 1.11 | 6.30        | 1.19 | 6.50        | 1.24 | 7.00        | 1.36 |
|        | 29                              | 4.10                         | 0.88 | 5.10        | 1.03 | 6.30        | 1.26 | 6.50        | 1.34 | 6.80        | 1.42 | 7.20        | 1.50 | 8.30        | 1.68 |
|        | 31                              | 4.60                         | 1.07 | 5.60        | 1.26 | 6.80        | 1.54 | 7.00        | 1.63 | 7.60        | 1.72 | 8.50        | 1.85 | 9.60        | 2.07 |
|        | 33                              | 5.20                         | 1.35 | 6.20        | 1.60 | 7.30        | 1.81 | 8.10        | 1.96 | 9.00        | 2.12 | 9.80        | 2.27 | 10.90       | 2.51 |
|        | 35                              | 5.70                         | 1.69 | 6.70        | 1.85 | 8.60        | 2.23 | 9.40        | 2.40 | 10.30       | 2.59 | 11.10       | 2.75 | 12.20       | 3.02 |
|        | 37                              | 5.70                         | 1.78 | 6.70        | 1.94 | 8.60        | 2.36 | 9.40        | 2.54 | 10.30       | 2.74 | 11.10       | 2.91 | 12.20       | 3.21 |
|        | 39                              | 5.70                         | 1.90 | 6.70        | 2.07 | 8.60        | 2.49 | 9.40        | 2.69 | 10.30       | 2.91 | 11.10       | 3.09 | 12.20       | 3.41 |
|        | 41                              | 5.70                         | 1.99 | 6.70        | 2.19 | 8.60        | 2.65 | 9.40        | 2.86 | 10.30       | 3.09 | 11.10       | 3.28 | 12.20       | 3.63 |
|        | 43                              | 5.70                         | 2.11 | 6.70        | 2.31 | 8.60        | 2.82 | 9.40        | 3.05 | 10.30       | 3.29 | 11.10       | 3.50 | 12.20       | 3.87 |
|        | 46                              | 5.70                         | 2.29 | 6.70        | 2.52 | 8.60        | 3.10 | 9.40        | 3.36 | 10.30       | 3.62 | 11.10       | 3.85 | 12.20       | 4.25 |
|        | 48                              | 5.70                         | 2.42 | 6.70        | 2.69 | 8.60        | 3.31 | 9.40        | 3.59 | 10.30       | 3.86 | 11.10       | 4.10 | 12.20       | 4.53 |
|        | 50                              | 5.70                         | 2.58 | 6.70        | 2.86 | 8.60        | 3.54 | 9.40        | 3.84 | 10.30       | 4.12 | 11.10       | 4.38 | 12.20       | 4.83 |
|        | 52                              | 5.70                         | 2.75 | 6.70        | 3.05 | 8.60        | 3.80 | 9.40        | 4.10 | 10.30       | 4.40 | 11.10       | 4.67 | 12.20       | 5.15 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and





## 7. Capacity Tables

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- humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM100LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 6.00                         | 0.41 | 9.60        | 0.65 | 13.50       | 0.92 | 14.50       | 0.99  | 15.40       | 1.05  | 16.40       | 1.13  | 17.50       | 1.22  |
|        | 12                         | 6.00                         | 0.41 | 9.60        | 0.65 | 13.50       | 0.92 | 14.50       | 0.99  | 15.40       | 1.06  | 16.40       | 1.14  | 17.50       | 1.23  |
|        | 14                         | 6.00                         | 0.41 | 9.60        | 0.65 | 13.50       | 0.93 | 14.50       | 1.00  | 15.40       | 1.07  | 16.40       | 1.15  | 17.50       | 1.25  |
|        | 16                         | 6.00                         | 0.41 | 9.60        | 0.66 | 13.50       | 0.95 | 14.50       | 1.02  | 15.40       | 1.09  | 16.40       | 1.18  | 17.50       | 1.29  |
|        | 18                         | 6.00                         | 0.41 | 9.60        | 0.67 | 13.50       | 0.98 | 14.50       | 1.06  | 15.40       | 1.14  | 16.40       | 1.23  | 17.50       | 1.37  |
|        | 20                         | 6.00                         | 0.42 | 9.60        | 0.69 | 13.50       | 1.06 | 14.50       | 1.16  | 15.40       | 1.26  | 16.40       | 1.39  | 17.50       | 1.61  |
|        | 21                         | 6.70                         | 0.51 | 10.30       | 0.83 | 14.30       | 1.36 | 15.20       | 1.52  | 16.10       | 1.70  | 17.10       | 1.87  | 18.10       | 2.00  |
|        | 23                         | 8.30                         | 1.30 | 11.80       | 1.57 | 15.80       | 1.95 | 16.60       | 2.05  | 17.50       | 2.16  | 18.40       | 2.25  | 19.30       | 2.41  |
|        | 25                         | 10.00                        | 1.57 | 13.40       | 1.91 | 17.30       | 2.40 | 18.10       | 2.52  | 19.00       | 2.65  | 19.70       | 2.75  | 20.50       | 2.94  |
|        | 27                         | 11.60                        | 1.95 | 15.00       | 2.37 | 18.90       | 2.99 | 19.60       | 3.13  | 20.50       | 3.29  | 21.00       | 3.39  | 22.90       | 3.87  |
|        | 29                         | 13.30                        | 2.45 | 16.60       | 2.97 | 20.50       | 3.71 | 21.20       | 3.86  | 22.00       | 4.03  | 23.30       | 4.33  | 27.10       | 5.37  |
|        | 31                         | 15.10                        | 3.06 | 18.30       | 3.65 | 22.10       | 4.51 | 22.80       | 4.68  | 24.70       | 5.19  | 27.60       | 5.99  | 31.20       | 7.34  |
|        | 33                         | 16.90                        | 3.79 | 20.00       | 4.47 | 23.80       | 5.50 | 26.20       | 6.23  | 29.10       | 7.21  | 31.80       | 8.20  | 35.40       | 9.93  |
|        | 35                         | 18.70                        | 4.71 | 21.80       | 5.49 | 27.90       | 7.57 | 30.50       | 8.61  | 33.50       | 9.88  | 36.10       | 11.04 | 39.50       | 12.46 |
|        | 37                         | 18.70                        | 5.01 | 21.80       | 5.85 | 27.90       | 8.06 | 30.50       | 9.18  | 33.40       | 10.55 | 36.00       | 11.69 | 38.10       | 12.69 |
|        | 39                         | 18.70                        | 5.34 | 21.80       | 6.23 | 27.90       | 8.59 | 30.50       | 9.79  | 33.50       | 11.29 | 35.60       | 12.20 | 35.20       | 12.26 |
|        | 41                         | 18.70                        | 5.69 | 21.80       | 6.64 | 27.90       | 9.02 | 30.50       | 10.29 | 32.60       | 11.43 | 32.60       | 11.42 | 32.20       | 11.57 |
|        | 43                         | 18.70                        | 6.06 | 21.80       | 7.07 | 27.90       | 9.62 | 29.80       | 10.59 | 29.80       | 10.60 | 29.80       | 10.60 | 29.40       | 10.74 |
|        | 46                         | 18.70                        | 6.66 | 21.80       | 7.78 | 25.80       | 9.67 | 25.70       | 9.67  | 25.80       | 9.68  | 25.70       | 9.66  | 25.40       | 9.78  |
|        | 48                         | 18.70                        | 7.10 | 21.70       | 8.29 | 23.30       | 9.02 | 23.30       | 9.02  | 23.30       | 9.02  | 23.20       | 9.02  | 23.00       | 9.11  |
|        | 50                         | 18.70                        | 7.56 | 21.00       | 8.43 | 21.00       | 8.44 | 21.00       | 8.44  | 21.00       | 8.44  | 20.90       | 8.43  | 20.60       | 8.51  |
|        | 52                         | 18.60                        | 8.00 | 18.80       | 7.90 | 18.80       | 7.90 | 18.80       | 7.90  | 18.80       | 7.90  | 18.80       | 7.91  | 18.50       | 8.00  |
| 120    | 10                         | 5.50                         | 0.38 | 8.80        | 0.60 | 12.50       | 0.85 | 13.40       | 0.91  | 14.30       | 0.97  | 15.20       | 1.04  | 16.10       | 1.12  |
|        | 12                         | 5.50                         | 0.38 | 8.80        | 0.60 | 12.50       | 0.85 | 13.40       | 0.91  | 14.30       | 0.98  | 15.20       | 1.04  | 16.10       | 1.12  |
|        | 14                         | 5.50                         | 0.38 | 8.80        | 0.60 | 12.50       | 0.86 | 13.40       | 0.92  | 14.30       | 0.98  | 15.20       | 1.05  | 16.10       | 1.14  |
|        | 16                         | 5.50                         | 0.37 | 8.80        | 0.60 | 12.50       | 0.87 | 13.40       | 0.93  | 14.30       | 1.00  | 15.20       | 1.07  | 16.10       | 1.17  |
|        | 18                         | 5.50                         | 0.37 | 8.80        | 0.61 | 12.50       | 0.89 | 13.40       | 0.96  | 14.30       | 1.04  | 15.20       | 1.12  | 16.10       | 1.23  |
|        | 20                         | 5.50                         | 0.39 | 8.80        | 0.63 | 12.50       | 0.95 | 13.40       | 1.04  | 14.30       | 1.13  | 15.20       | 1.23  | 16.10       | 1.42  |
|        | 21                         | 6.20                         | 0.46 | 9.50        | 0.75 | 13.20       | 1.20 | 14.00       | 1.33  | 14.90       | 1.47  | 15.80       | 1.63  | 16.70       | 1.87  |
|        | 23                         | 7.70                         | 1.25 | 10.90       | 1.49 | 14.60       | 1.83 | 15.40       | 1.91  | 16.20       | 2.00  | 16.90       | 2.08  | 17.80       | 2.23  |
|        | 25                         | 9.20                         | 1.50 | 12.40       | 1.80 | 16.00       | 2.22 | 16.70       | 2.32  | 17.50       | 2.44  | 18.20       | 2.53  | 18.90       | 2.69  |
|        | 27                         | 10.70                        | 1.83 | 13.80       | 2.20 | 17.40       | 2.74 | 18.10       | 2.86  | 18.90       | 3.00  | 19.40       | 3.09  | 21.10       | 3.49  |
|        | 29                         | 12.30                        | 2.28 | 15.30       | 2.73 | 18.90       | 3.39 | 19.60       | 3.53  | 20.30       | 3.67  | 21.50       | 3.93  | 25.00       | 4.83  |
|        | 31                         | 13.90                        | 2.85 | 16.90       | 3.35 | 20.40       | 4.11 | 21.00       | 4.25  | 22.90       | 4.70  | 25.50       | 5.39  | 28.80       | 6.54  |
|        | 33                         | 15.60                        | 3.50 | 18.50       | 4.09 | 22.00       | 4.98 | 24.20       | 5.61  | 26.90       | 6.46  | 29.40       | 7.30  | 32.70       | 8.77  |
|        | 35                         | 17.30                        | 4.31 | 20.10       | 4.99 | 25.70       | 6.78 | 28.20       | 7.68  | 30.90       | 8.76  | 33.30       | 9.81  | 36.50       | 11.40 |
|        | 37                         | 17.30                        | 4.59 | 20.10       | 5.32 | 25.70       | 7.23 | 28.20       | 8.18  | 30.90       | 9.34  | 33.30       | 10.47 | 36.50       | 12.07 |
|        | 39                         | 17.30                        | 4.89 | 20.10       | 5.66 | 25.70       | 7.70 | 28.20       | 8.72  | 30.90       | 9.97  | 33.30       | 11.20 | 35.20       | 12.26 |
|        | 41                         | 17.30                        | 5.21 | 20.10       | 6.04 | 25.70       | 8.09 | 28.20       | 9.15  | 30.90       | 10.48 | 32.60       | 11.42 | 32.10       | 11.55 |
|        | 43                         | 17.30                        | 5.54 | 20.10       | 6.43 | 25.70       | 8.61 | 28.10       | 9.76  | 29.80       | 10.60 | 29.80       | 10.61 | 29.40       | 10.74 |
|        | 46                         | 17.30                        | 6.10 | 20.10       | 7.07 | 25.70       | 9.64 | 25.80       | 9.67  | 25.70       | 9.66  | 25.70       | 9.67  | 25.40       | 9.79  |
|        | 48                         | 17.30                        | 6.49 | 20.10       | 7.53 | 23.30       | 9.03 | 23.30       | 9.02  | 23.30       | 9.02  | 23.30       | 9.00  | 22.90       | 9.11  |
|        | 50                         | 17.30                        | 6.92 | 20.10       | 8.02 | 21.00       | 8.43 | 20.90       | 8.44  | 21.00       | 8.43  | 21.00       | 8.43  | 20.60       | 8.53  |
|        | 52                         | 17.20                        | 7.37 | 18.80       | 7.92 | 18.80       | 7.91 | 18.80       | 7.90  | 18.80       | 7.91  | 18.80       | 7.91  | 18.50       | 7.99  |
| 110    | 10                         | 5.00                         | 0.34 | 8.10        | 0.55 | 11.50       | 0.78 | 12.30       | 0.83  | 13.10       | 0.89  | 13.90       | 0.95  | 14.80       | 1.02  |
|        | 12                         | 5.00                         | 0.34 | 8.10        | 0.55 | 11.50       | 0.78 | 12.30       | 0.84  | 13.10       | 0.89  | 13.90       | 0.95  | 14.80       | 1.02  |
|        | 14                         | 5.00                         | 0.34 | 8.10        | 0.55 | 11.50       | 0.79 | 12.30       | 0.84  | 13.10       | 0.90  | 13.90       | 0.96  | 14.80       | 1.03  |
|        | 16                         | 5.00                         | 0.33 | 8.10        | 0.55 | 11.50       | 0.79 | 12.30       | 0.85  | 13.10       | 0.91  | 13.90       | 0.98  | 14.80       | 1.06  |
|        | 18                         | 5.00                         | 0.33 | 8.10        | 0.56 | 11.50       | 0.81 | 12.30       | 0.87  | 13.10       | 0.94  | 13.90       | 1.01  | 14.80       | 1.10  |
|        | 20                         | 5.00                         | 0.34 | 8.10        | 0.58 | 11.50       | 0.86 | 12.30       | 0.93  | 13.10       | 1.01  | 13.90       | 1.10  | 14.80       | 1.24  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    |
| 110    | 21                               | 5.70                         | 0.40 | 8.70        | 0.67 | 12.10       | 1.04 | 12.90       | 1.15 | 13.70       | 1.27 | 14.50       | 1.39  | 15.30       | 1.70  |
|        | 23                               | 7.00                         | 1.18 | 10.00       | 1.42 | 13.30       | 1.71 | 14.10       | 1.78 | 14.90       | 1.86 | 15.50       | 1.93  | 16.30       | 2.05  |
|        | 25                               | 8.40                         | 1.42 | 11.30       | 1.69 | 14.60       | 2.06 | 15.30       | 2.14 | 16.10       | 2.24 | 16.70       | 2.31  | 17.30       | 2.46  |
|        | 27                               | 9.80                         | 1.72 | 12.70       | 2.05 | 16.00       | 2.51 | 16.60       | 2.62 | 17.30       | 2.73 | 17.80       | 2.80  | 19.30       | 3.15  |
|        | 29                               | 11.30                        | 2.12 | 14.10       | 2.52 | 17.30       | 3.10 | 17.90       | 3.22 | 18.60       | 3.34 | 19.70       | 3.56  | 22.90       | 4.33  |
|        | 31                               | 12.70                        | 2.64 | 15.50       | 3.08 | 18.70       | 3.73 | 19.30       | 3.86 | 21.00       | 4.24 | 23.40       | 4.82  | 26.40       | 5.80  |
|        | 33                               | 14.20                        | 3.21 | 17.00       | 3.72 | 20.10       | 4.50 | 22.10       | 5.03 | 24.70       | 5.76 | 27.00       | 6.48  | 29.90       | 7.71  |
|        | 35                               | 15.80                        | 3.93 | 18.50       | 4.52 | 23.60       | 6.06 | 25.80       | 6.82 | 28.30       | 7.73 | 30.60       | 8.61  | 33.40       | 10.19 |
|        | 37                               | 15.80                        | 4.19 | 18.50       | 4.82 | 23.60       | 6.46 | 25.80       | 7.27 | 28.30       | 8.24 | 30.60       | 9.18  | 33.40       | 10.88 |
|        | 39                               | 15.80                        | 4.45 | 18.50       | 5.13 | 23.60       | 6.88 | 25.80       | 7.74 | 28.30       | 8.78 | 30.50       | 9.80  | 33.50       | 11.61 |
|        | 41                               | 15.80                        | 4.75 | 18.50       | 5.47 | 23.60       | 7.33 | 25.80       | 8.15 | 28.30       | 9.22 | 30.60       | 10.30 | 32.30       | 11.55 |
|        | 43                               | 15.80                        | 5.06 | 18.50       | 5.82 | 23.60       | 7.70 | 25.80       | 8.64 | 28.30       | 9.83 | 29.80       | 10.61 | 29.40       | 10.74 |
|        | 46                               | 15.80                        | 5.56 | 18.50       | 6.40 | 23.60       | 8.59 | 25.80       | 9.67 | 25.70       | 9.69 | 25.80       | 9.67  | 25.50       | 9.79  |
|        | 48                               | 15.80                        | 5.93 | 18.50       | 6.82 | 23.30       | 9.03 | 23.30       | 9.03 | 23.20       | 9.02 | 23.20       | 9.01  | 22.90       | 9.11  |
|        | 50                               | 15.80                        | 6.31 | 18.40       | 7.26 | 21.00       | 8.44 | 21.00       | 8.44 | 21.00       | 8.43 | 21.00       | 8.43  | 20.70       | 8.52  |
|        | 52                               | 15.80                        | 6.73 | 18.40       | 7.74 | 18.80       | 7.91 | 18.80       | 7.91 | 18.80       | 7.91 | 18.70       | 7.85  | 18.50       | 8.00  |
| 100    | 10                               | 4.60                         | 0.31 | 7.30        | 0.50 | 10.40       | 0.71 | 11.10       | 0.76 | 11.90       | 0.81 | 12.70       | 0.86  | 13.50       | 0.92  |
|        | 12                               | 4.60                         | 0.31 | 7.30        | 0.50 | 10.40       | 0.71 | 11.10       | 0.76 | 11.90       | 0.81 | 12.70       | 0.86  | 13.50       | 0.93  |
|        | 14                               | 4.60                         | 0.31 | 7.30        | 0.50 | 10.40       | 0.71 | 11.10       | 0.76 | 11.90       | 0.81 | 12.70       | 0.87  | 13.50       | 0.94  |
|        | 16                               | 4.60                         | 0.29 | 7.30        | 0.50 | 10.40       | 0.72 | 11.10       | 0.77 | 11.90       | 0.82 | 12.70       | 0.88  | 13.50       | 0.95  |
|        | 18                               | 4.60                         | 0.29 | 7.30        | 0.51 | 10.40       | 0.73 | 11.10       | 0.79 | 11.90       | 0.84 | 12.70       | 0.91  | 13.50       | 0.99  |
|        | 20                               | 4.60                         | 0.30 | 7.30        | 0.52 | 10.40       | 0.77 | 11.10       | 0.83 | 11.90       | 0.90 | 12.70       | 0.97  | 13.50       | 1.09  |
|        | 21                               | 5.20                         | 0.35 | 7.90        | 0.60 | 11.00       | 0.91 | 11.70       | 0.99 | 12.40       | 1.09 | 13.20       | 1.19  | 13.90       | 1.42  |
|        | 23                               | 6.40                         | 1.10 | 9.10        | 1.34 | 12.10       | 1.60 | 12.80       | 1.66 | 13.50       | 1.72 | 14.10       | 1.79  | 14.80       | 1.89  |
|        | 25                               | 7.60                         | 1.32 | 10.30       | 1.58 | 13.30       | 1.90 | 13.90       | 1.98 | 14.60       | 2.05 | 15.10       | 2.12  | 15.70       | 2.24  |
|        | 27                               | 8.90                         | 1.62 | 11.50       | 1.90 | 14.50       | 2.29 | 15.10       | 2.38 | 15.70       | 2.48 | 16.20       | 2.55  | 17.60       | 2.83  |
|        | 29                               | 10.20                        | 1.97 | 12.80       | 2.32 | 15.70       | 2.81 | 16.30       | 2.91 | 16.90       | 3.02 | 18.00       | 3.22  | 20.80       | 3.87  |
|        | 31                               | 11.60                        | 2.44 | 14.00       | 2.82 | 17.00       | 3.37 | 17.50       | 3.48 | 19.00       | 3.80 | 21.20       | 4.30  | 24.00       | 5.13  |
|        | 33                               | 12.90                        | 2.95 | 15.40       | 3.38 | 18.30       | 4.04 | 20.10       | 4.50 | 22.40       | 5.10 | 24.50       | 5.71  | 27.20       | 6.75  |
|        | 35                               | 14.40                        | 3.57 | 16.70       | 4.08 | 21.50       | 5.39 | 23.50       | 6.02 | 25.70       | 6.79 | 27.80       | 7.52  | 30.40       | 8.82  |
|        | 37                               | 14.40                        | 3.81 | 16.70       | 4.34 | 21.50       | 5.74 | 23.50       | 6.42 | 25.70       | 7.23 | 27.80       | 8.01  | 30.40       | 9.41  |
|        | 39                               | 14.40                        | 4.05 | 16.70       | 4.62 | 21.50       | 6.11 | 23.50       | 6.83 | 25.70       | 7.71 | 27.80       | 8.54  | 30.40       | 10.04 |
|        | 41                               | 14.40                        | 4.31 | 16.70       | 4.93 | 21.50       | 6.51 | 23.50       | 7.28 | 25.70       | 8.21 | 27.80       | 8.96  | 30.40       | 10.56 |
|        | 43                               | 14.40                        | 4.60 | 16.70       | 5.25 | 21.50       | 6.93 | 23.50       | 7.76 | 25.70       | 8.61 | 27.80       | 9.56  | 29.40       | 10.74 |
|        | 46                               | 14.40                        | 5.05 | 16.70       | 5.77 | 21.50       | 7.62 | 23.40       | 8.54 | 25.70       | 9.65 | 25.70       | 9.67  | 25.50       | 9.80  |
|        | 48                               | 14.40                        | 5.39 | 16.70       | 6.15 | 21.40       | 8.13 | 23.30       | 9.01 | 23.30       | 9.03 | 23.20       | 9.02  | 23.00       | 9.11  |
|        | 50                               | 14.40                        | 5.74 | 16.80       | 6.55 | 21.00       | 8.45 | 21.00       | 8.44 | 21.00       | 8.44 | 21.00       | 8.43  | 20.70       | 8.53  |
|        | 52                               | 14.40                        | 6.12 | 16.70       | 6.98 | 18.80       | 7.91 | 18.80       | 7.90 | 18.80       | 7.92 | 18.90       | 7.92  | 18.60       | 7.98  |
| 90     | 10                               | 4.10                         | 0.28 | 6.60        | 0.45 | 9.40        | 0.63 | 10.00       | 0.68 | 10.70       | 0.73 | 11.40       | 0.77  | 12.10       | 0.83  |
|        | 12                               | 4.10                         | 0.28 | 6.60        | 0.45 | 9.40        | 0.64 | 10.00       | 0.68 | 10.70       | 0.73 | 11.40       | 0.77  | 12.10       | 0.83  |
|        | 14                               | 4.10                         | 0.27 | 6.60        | 0.45 | 9.40        | 0.64 | 10.00       | 0.69 | 10.70       | 0.73 | 11.40       | 0.78  | 12.10       | 0.84  |
|        | 16                               | 4.10                         | 0.26 | 6.60        | 0.43 | 9.40        | 0.64 | 10.00       | 0.69 | 10.70       | 0.74 | 11.40       | 0.79  | 12.10       | 0.85  |
|        | 18                               | 4.10                         | 0.25 | 6.60        | 0.44 | 9.40        | 0.65 | 10.00       | 0.70 | 10.70       | 0.75 | 11.40       | 0.81  | 12.10       | 0.88  |
|        | 20                               | 4.10                         | 0.26 | 6.60        | 0.45 | 9.40        | 0.68 | 10.00       | 0.73 | 10.70       | 0.79 | 11.40       | 0.85  | 12.10       | 0.95  |
|        | 21                               | 4.70                         | 0.30 | 7.10        | 0.51 | 9.90        | 0.79 | 10.50       | 0.86 | 11.20       | 0.93 | 11.80       | 1.01  | 12.50       | 1.19  |
|        | 23                               | 5.70                         | 1.02 | 8.20        | 1.27 | 10.90       | 1.49 | 11.50       | 1.55 | 12.10       | 1.60 | 12.70       | 1.65  | 13.30       | 1.74  |
|        | 25                               | 6.90                         | 1.21 | 9.30        | 1.48 | 12.00       | 1.76 | 12.60       | 1.82 | 13.10       | 1.89 | 13.60       | 1.94  | 14.20       | 2.04  |
|        | 27                               | 8.00                         | 1.49 | 10.40       | 1.76 | 13.10       | 2.10 | 13.60       | 2.17 | 14.20       | 2.25 | 14.50       | 2.30  | 15.80       | 2.55  |
|        | 29                               | 9.20                         | 1.82 | 11.50       | 2.12 | 14.20       | 2.53 | 14.70       | 2.62 | 15.20       | 2.72 | 16.10       | 2.88  | 18.70       | 3.44  |
|        | 31                               | 10.40                        | 2.23 | 12.70       | 2.57 | 15.30       | 3.04 | 15.80       | 3.13 | 17.10       | 3.40 | 19.10       | 3.82  | 21.60       | 4.50  |
|        | 33                               | 11.60                        | 2.70 | 13.80       | 3.06 | 16.50       | 3.61 | 18.10       | 4.00 | 20.10       | 4.51 | 22.00       | 5.01  | 24.50       | 5.86  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 90     | 35                              | 12.90                        | 3.24 | 15.10       | 3.67 | 19.30       | 4.76 | 21.10       | 5.29 | 23.20       | 5.92 | 24.90       | 6.53 | 27.40       | 7.59 |
|        | 37                              | 12.90                        | 3.44 | 15.10       | 3.90 | 19.30       | 5.07 | 21.10       | 5.63 | 23.20       | 6.31 | 24.90       | 6.95 | 27.40       | 8.09 |
|        | 39                              | 12.90                        | 3.66 | 15.10       | 4.15 | 19.30       | 5.40 | 21.10       | 6.00 | 23.20       | 6.72 | 24.90       | 7.41 | 27.40       | 8.62 |
|        | 41                              | 12.90                        | 3.90 | 15.10       | 4.42 | 19.30       | 5.75 | 21.10       | 6.40 | 23.20       | 7.16 | 24.90       | 7.89 | 27.40       | 9.19 |
|        | 43                              | 12.90                        | 4.16 | 15.10       | 4.71 | 19.30       | 6.13 | 21.10       | 6.81 | 23.20       | 7.63 | 25.00       | 8.27 | 27.40       | 9.65 |
|        | 46                              | 12.90                        | 4.57 | 15.10       | 5.19 | 19.30       | 6.74 | 21.10       | 7.49 | 23.20       | 8.39 | 24.90       | 9.26 | 25.50       | 9.79 |
|        | 48                              | 12.90                        | 4.88 | 15.10       | 5.52 | 19.30       | 7.18 | 21.20       | 7.98 | 23.10       | 8.95 | 23.30       | 9.02 | 23.00       | 9.13 |
|        | 50                              | 12.90                        | 5.20 | 15.10       | 5.89 | 19.30       | 7.65 | 21.00       | 8.45 | 21.00       | 8.43 | 21.00       | 8.43 | 20.70       | 8.51 |
|        | 52                              | 12.90                        | 5.55 | 15.10       | 6.27 | 18.80       | 7.92 | 18.80       | 7.91 | 18.80       | 7.90 | 18.80       | 7.93 | 18.50       | 7.99 |
| 80     | 10                              | 3.70                         | 0.25 | 5.90        | 0.40 | 8.30        | 0.56 | 8.90        | 0.60 | 9.50        | 0.64 | 10.10       | 0.69 | 10.80       | 0.74 |
|        | 12                              | 3.70                         | 0.24 | 5.90        | 0.40 | 8.30        | 0.57 | 8.90        | 0.61 | 9.50        | 0.65 | 10.10       | 0.69 | 10.80       | 0.74 |
|        | 14                              | 3.70                         | 0.24 | 5.90        | 0.39 | 8.30        | 0.57 | 8.90        | 0.61 | 9.50        | 0.65 | 10.10       | 0.69 | 10.80       | 0.74 |
|        | 16                              | 3.70                         | 0.23 | 5.90        | 0.37 | 8.30        | 0.57 | 8.90        | 0.61 | 9.50        | 0.65 | 10.10       | 0.70 | 10.80       | 0.75 |
|        | 18                              | 3.70                         | 0.22 | 5.90        | 0.37 | 8.30        | 0.58 | 8.90        | 0.62 | 9.50        | 0.66 | 10.10       | 0.71 | 10.80       | 0.77 |
|        | 20                              | 3.70                         | 0.22 | 5.90        | 0.38 | 8.30        | 0.59 | 8.90        | 0.64 | 9.50        | 0.69 | 10.10       | 0.74 | 10.80       | 0.82 |
|        | 21                              | 4.20                         | 0.26 | 6.30        | 0.43 | 8.80        | 0.67 | 9.40        | 0.73 | 9.90        | 0.79 | 10.50       | 0.85 | 11.10       | 0.98 |
|        | 23                              | 5.10                         | 0.79 | 7.30        | 1.15 | 9.70        | 1.39 | 10.20       | 1.44 | 10.80       | 1.48 | 11.30       | 1.53 | 11.80       | 1.60 |
|        | 25                              | 6.10                         | 1.09 | 8.20        | 1.36 | 10.60       | 1.62 | 11.20       | 1.67 | 11.70       | 1.72 | 12.10       | 1.77 | 12.60       | 1.86 |
|        | 27                              | 7.20                         | 1.33 | 9.20        | 1.62 | 11.60       | 1.91 | 12.10       | 1.97 | 12.60       | 2.04 | 12.90       | 2.08 | 14.00       | 2.28 |
|        | 29                              | 8.20                         | 1.65 | 10.20       | 1.94 | 12.60       | 2.28 | 13.00       | 2.35 | 13.50       | 2.43 | 14.30       | 2.57 | 16.60       | 3.04 |
|        | 31                              | 9.30                         | 2.03 | 11.30       | 2.34 | 13.60       | 2.73 | 14.00       | 2.81 | 15.20       | 3.03 | 17.00       | 3.37 | 19.20       | 3.93 |
|        | 33                              | 10.40                        | 2.45 | 12.30       | 2.77 | 14.60       | 3.22 | 16.10       | 3.53 | 17.90       | 3.95 | 19.60       | 4.36 | 21.70       | 5.06 |
|        | 35                              | 11.50                        | 2.93 | 13.40       | 3.28 | 17.20       | 4.18 | 18.80       | 4.61 | 20.60       | 5.13 | 22.20       | 5.62 | 24.30       | 6.48 |
|        | 37                              | 11.50                        | 3.11 | 13.40       | 3.48 | 17.20       | 4.45 | 18.80       | 4.91 | 20.60       | 5.47 | 22.20       | 5.98 | 24.30       | 6.90 |
|        | 39                              | 11.50                        | 3.30 | 13.40       | 3.71 | 17.20       | 4.74 | 18.80       | 5.24 | 20.60       | 5.82 | 22.20       | 6.38 | 24.30       | 7.36 |
|        | 41                              | 11.50                        | 3.51 | 13.40       | 3.94 | 17.20       | 5.05 | 18.80       | 5.58 | 20.60       | 6.20 | 22.20       | 6.79 | 24.30       | 7.83 |
|        | 43                              | 11.50                        | 3.74 | 13.40       | 4.20 | 17.20       | 5.38 | 18.80       | 5.94 | 20.60       | 6.61 | 22.20       | 7.23 | 24.30       | 8.35 |
|        | 46                              | 11.50                        | 4.12 | 13.40       | 4.63 | 17.20       | 5.92 | 18.80       | 6.53 | 20.60       | 7.26 | 22.20       | 7.95 | 24.30       | 9.20 |
|        | 48                              | 11.50                        | 4.39 | 13.40       | 4.94 | 17.20       | 6.30 | 18.80       | 6.96 | 20.60       | 7.74 | 22.20       | 8.48 | 23.00       | 9.13 |
|        | 50                              | 11.50                        | 4.69 | 13.40       | 5.26 | 17.10       | 6.71 | 18.80       | 7.41 | 20.60       | 8.25 | 21.00       | 8.44 | 20.70       | 8.53 |
|        | 52                              | 11.50                        | 5.00 | 13.40       | 5.61 | 17.20       | 7.15 | 18.80       | 7.90 | 18.80       | 7.91 | 18.80       | 7.91 | 18.50       | 7.98 |
| 70     | 10                              | 3.20                         | 0.22 | 5.20        | 0.35 | 7.30        | 0.49 | 7.80        | 0.53 | 8.30        | 0.56 | 8.90        | 0.60 | 9.40        | 0.64 |
|        | 12                              | 3.20                         | 0.20 | 5.20        | 0.35 | 7.30        | 0.49 | 7.80        | 0.53 | 8.30        | 0.57 | 8.90        | 0.60 | 9.40        | 0.65 |
|        | 14                              | 3.20                         | 0.20 | 5.20        | 0.33 | 7.30        | 0.49 | 7.80        | 0.53 | 8.30        | 0.57 | 8.90        | 0.60 | 9.40        | 0.65 |
|        | 16                              | 3.20                         | 0.19 | 5.20        | 0.32 | 7.30        | 0.47 | 7.80        | 0.52 | 8.30        | 0.57 | 8.90        | 0.61 | 9.40        | 0.65 |
|        | 18                              | 3.20                         | 0.19 | 5.20        | 0.31 | 7.30        | 0.48 | 7.80        | 0.52 | 8.30        | 0.58 | 8.90        | 0.62 | 9.40        | 0.67 |
|        | 20                              | 3.20                         | 0.18 | 5.20        | 0.32 | 7.30        | 0.49 | 7.80        | 0.54 | 8.30        | 0.59 | 8.90        | 0.64 | 9.40        | 0.70 |
|        | 21                              | 3.60                         | 0.21 | 5.60        | 0.35 | 7.70        | 0.55 | 8.20        | 0.62 | 8.70        | 0.67 | 9.20        | 0.71 | 9.70        | 0.81 |
|        | 23                              | 4.50                         | 0.55 | 6.40        | 0.90 | 8.50        | 1.26 | 9.00        | 1.33 | 9.50        | 1.37 | 9.90        | 1.41 | 10.40       | 1.47 |
|        | 25                              | 5.40                         | 0.99 | 7.20        | 1.21 | 9.30        | 1.48 | 9.80        | 1.53 | 10.20       | 1.58 | 10.60       | 1.61 | 11.00       | 1.68 |
|        | 27                              | 6.30                         | 1.17 | 8.10        | 1.44 | 10.20       | 1.73 | 10.60       | 1.78 | 11.00       | 1.84 | 11.30       | 1.87 | 12.30       | 2.04 |
|        | 29                              | 7.20                         | 1.44 | 9.00        | 1.75 | 11.00       | 2.04 | 11.40       | 2.11 | 11.90       | 2.17 | 12.60       | 2.28 | 14.60       | 2.65 |
|        | 31                              | 8.10                         | 1.82 | 9.90        | 2.09 | 11.90       | 2.45 | 12.30       | 2.51 | 13.30       | 2.69 | 14.80       | 2.96 | 16.80       | 3.41 |
|        | 33                              | 9.10                         | 2.21 | 10.80       | 2.47 | 12.80       | 2.86 | 14.10       | 3.11 | 15.70       | 3.44 | 17.10       | 3.77 | 19.10       | 4.33 |
|        | 35                              | 10.10                        | 2.62 | 11.80       | 2.92 | 15.00       | 3.65 | 16.40       | 4.00 | 18.00       | 4.41 | 19.40       | 4.80 | 21.30       | 5.48 |
|        | 37                              | 10.10                        | 2.78 | 11.80       | 3.10 | 15.00       | 3.88 | 16.40       | 4.25 | 18.00       | 4.70 | 19.40       | 5.11 | 21.30       | 5.83 |
|        | 39                              | 10.10                        | 2.96 | 11.80       | 3.29 | 15.00       | 4.13 | 16.40       | 4.53 | 18.00       | 5.00 | 19.40       | 5.44 | 21.30       | 6.22 |
|        | 41                              | 10.10                        | 3.15 | 11.80       | 3.50 | 15.00       | 4.40 | 16.40       | 4.83 | 18.00       | 5.33 | 19.40       | 5.80 | 21.30       | 6.63 |
|        | 43                              | 10.10                        | 3.35 | 11.80       | 3.73 | 15.00       | 4.68 | 16.40       | 5.14 | 18.00       | 5.68 | 19.40       | 6.17 | 21.30       | 7.06 |
|        | 46                              | 10.10                        | 3.69 | 11.80       | 4.10 | 15.00       | 5.16 | 16.40       | 5.66 | 18.00       | 6.24 | 19.40       | 6.79 | 21.30       | 7.76 |
|        | 48                              | 10.10                        | 3.93 | 11.80       | 4.38 | 15.00       | 5.50 | 16.40       | 6.02 | 18.00       | 6.64 | 19.40       | 7.23 | 21.30       | 8.27 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |      |             |      |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |      | 32.0 / 24.0 |      |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   |
| 70     | 50                              | 10.10                        | 4.20 | 11.80       | 4.67 | 15.00       | 5.86 | 16.40       | 6.42 | 18.00       | 7.08 | 19.40       | 7.71 | 20.70       | 8.52 |
|        | 52                              | 10.10                        | 4.48 | 11.80       | 4.98 | 15.00       | 6.24 | 16.40       | 6.84 | 18.00       | 7.54 | 18.90       | 7.92 | 18.50       | 7.99 |
| 60     | 10                              | 2.80                         | 0.20 | 4.40        | 0.30 | 6.20        | 0.42 | 6.70        | 0.45 | 7.10        | 0.48 | 7.60        | 0.51 | 8.10        | 0.55 |
|        | 12                              | 2.80                         | 0.18 | 4.40        | 0.29 | 6.20        | 0.42 | 6.70        | 0.45 | 7.10        | 0.48 | 7.60        | 0.51 | 8.10        | 0.55 |
|        | 14                              | 2.80                         | 0.17 | 4.40        | 0.28 | 6.20        | 0.41 | 6.70        | 0.44 | 7.10        | 0.48 | 7.60        | 0.52 | 8.10        | 0.56 |
|        | 16                              | 2.80                         | 0.16 | 4.40        | 0.27 | 6.20        | 0.39 | 6.70        | 0.42 | 7.10        | 0.46 | 7.60        | 0.50 | 8.10        | 0.55 |
|        | 18                              | 2.80                         | 0.16 | 4.40        | 0.26 | 6.20        | 0.39 | 6.70        | 0.43 | 7.10        | 0.46 | 7.60        | 0.51 | 8.10        | 0.56 |
|        | 20                              | 2.80                         | 0.15 | 4.40        | 0.26 | 6.20        | 0.40 | 6.70        | 0.44 | 7.10        | 0.48 | 7.60        | 0.52 | 8.10        | 0.58 |
|        | 21                              | 3.10                         | 0.17 | 4.70        | 0.28 | 6.60        | 0.44 | 7.00        | 0.48 | 7.40        | 0.53 | 7.90        | 0.58 | 8.30        | 0.66 |
|        | 23                              | 3.80                         | 0.38 | 5.40        | 0.61 | 7.30        | 1.11 | 7.70        | 1.17 | 8.10        | 1.24 | 8.50        | 1.29 | 8.90        | 1.34 |
|        | 25                              | 4.70                         | 0.89 | 6.20        | 1.07 | 8.00        | 1.29 | 8.40        | 1.37 | 8.70        | 1.43 | 9.10        | 1.46 | 9.40        | 1.52 |
|        | 27                              | 5.40                         | 1.03 | 6.90        | 1.26 | 8.70        | 1.54 | 9.10        | 1.60 | 9.40        | 1.65 | 9.70        | 1.68 | 10.50       | 1.81 |
|        | 29                              | 6.10                         | 1.25 | 7.60        | 1.52 | 9.40        | 1.82 | 9.80        | 1.87 | 10.10       | 1.92 | 10.80       | 2.01 | 12.50       | 2.31 |
|        | 31                              | 7.00                         | 1.56 | 8.40        | 1.86 | 10.20       | 2.15 | 10.50       | 2.21 | 11.40       | 2.36 | 12.70       | 2.58 | 14.40       | 2.94 |
|        | 33                              | 7.80                         | 1.97 | 9.20        | 2.20 | 11.00       | 2.51 | 12.10       | 2.71 | 13.40       | 2.98 | 14.70       | 3.23 | 16.30       | 3.67 |
|        | 35                              | 8.60                         | 2.32 | 10.00       | 2.57 | 12.90       | 3.15 | 14.10       | 3.43 | 15.40       | 3.75 | 16.70       | 4.05 | 18.20       | 4.58 |
|        | 37                              | 8.60                         | 2.45 | 10.00       | 2.72 | 12.90       | 3.35 | 14.10       | 3.65 | 15.40       | 3.99 | 16.70       | 4.31 | 18.20       | 4.88 |
|        | 39                              | 8.60                         | 2.60 | 10.00       | 2.89 | 12.90       | 3.57 | 14.10       | 3.88 | 15.40       | 4.25 | 16.70       | 4.59 | 18.20       | 5.20 |
|        | 41                              | 8.60                         | 2.75 | 10.00       | 3.08 | 12.90       | 3.80 | 14.10       | 4.13 | 15.40       | 4.53 | 16.70       | 4.90 | 18.20       | 5.53 |
|        | 43                              | 8.60                         | 2.93 | 10.00       | 3.28 | 12.90       | 4.05 | 14.10       | 4.41 | 15.40       | 4.83 | 16.70       | 5.21 | 18.20       | 5.90 |
|        | 46                              | 8.60                         | 3.23 | 10.00       | 3.62 | 12.90       | 4.46 | 14.10       | 4.85 | 15.40       | 5.31 | 16.70       | 5.73 | 18.20       | 6.48 |
|        | 48                              | 8.60                         | 3.45 | 10.00       | 3.86 | 12.90       | 4.75 | 14.10       | 5.16 | 15.40       | 5.66 | 16.70       | 6.11 | 18.20       | 6.90 |
|        | 50                              | 8.60                         | 3.70 | 10.00       | 4.12 | 12.90       | 5.07 | 14.10       | 5.50 | 15.40       | 6.03 | 16.70       | 6.51 | 18.20       | 7.36 |
|        | 52                              | 8.60                         | 3.97 | 10.00       | 4.40 | 12.90       | 5.40 | 14.10       | 5.87 | 15.40       | 6.42 | 16.60       | 6.94 | 18.30       | 7.84 |
| 50     | 10                              | 2.30                         | 0.22 | 3.70        | 0.26 | 5.20        | 0.35 | 5.60        | 0.38 | 5.90        | 0.40 | 6.30        | 0.43 | 6.70        | 0.46 |
|        | 12                              | 2.30                         | 0.18 | 3.70        | 0.23 | 5.20        | 0.34 | 5.60        | 0.37 | 5.90        | 0.40 | 6.30        | 0.43 | 6.70        | 0.46 |
|        | 14                              | 2.30                         | 0.16 | 3.70        | 0.22 | 5.20        | 0.33 | 5.60        | 0.36 | 5.90        | 0.39 | 6.30        | 0.41 | 6.70        | 0.45 |
|        | 16                              | 2.30                         | 0.15 | 3.70        | 0.22 | 5.20        | 0.32 | 5.60        | 0.34 | 5.90        | 0.37 | 6.30        | 0.40 | 6.70        | 0.43 |
|        | 18                              | 2.30                         | 0.15 | 3.70        | 0.21 | 5.20        | 0.30 | 5.60        | 0.33 | 5.90        | 0.36 | 6.30        | 0.39 | 6.70        | 0.43 |
|        | 20                              | 2.30                         | 0.15 | 3.70        | 0.21 | 5.20        | 0.31 | 5.60        | 0.34 | 5.90        | 0.37 | 6.30        | 0.40 | 6.70        | 0.45 |
|        | 21                              | 2.60                         | 0.15 | 4.00        | 0.22 | 5.50        | 0.34 | 5.80        | 0.37 | 6.20        | 0.40 | 6.60        | 0.44 | 6.90        | 0.49 |
|        | 23                              | 3.20                         | 0.27 | 4.50        | 0.40 | 6.10        | 0.77 | 6.40        | 0.90 | 6.70        | 1.04 | 7.10        | 1.10 | 7.40        | 1.17 |
|        | 25                              | 4.50                         | 0.87 | 5.10        | 0.93 | 6.60        | 1.11 | 7.00        | 1.16 | 7.30        | 1.23 | 7.60        | 1.27 | 7.80        | 1.34 |
|        | 27                              | 4.50                         | 0.92 | 5.80        | 1.08 | 7.30        | 1.29 | 7.60        | 1.37 | 7.90        | 1.44 | 8.10        | 1.49 | 8.80        | 1.60 |
|        | 29                              | 5.10                         | 1.09 | 6.40        | 1.28 | 7.90        | 1.56 | 8.20        | 1.65 | 8.40        | 1.69 | 9.00        | 1.76 | 10.40       | 1.99 |
|        | 31                              | 5.80                         | 1.33 | 7.00        | 1.57 | 8.50        | 1.88 | 8.80        | 1.92 | 9.50        | 2.04 | 10.60       | 2.23 | 12.00       | 2.52 |
|        | 33                              | 6.50                         | 1.70 | 7.70        | 1.92 | 9.10        | 2.17 | 10.10       | 2.34 | 11.20       | 2.55 | 12.30       | 2.75 | 13.60       | 3.07 |
|        | 35                              | 7.20                         | 2.03 | 8.40        | 2.22 | 10.70       | 2.71 | 11.70       | 2.91 | 12.90       | 3.16 | 13.90       | 3.38 | 15.20       | 3.78 |
|        | 37                              | 7.20                         | 2.13 | 8.40        | 2.35 | 10.70       | 2.87 | 11.70       | 3.09 | 12.90       | 3.36 | 13.90       | 3.59 | 15.20       | 4.02 |
|        | 39                              | 7.20                         | 2.25 | 8.40        | 2.49 | 10.70       | 3.05 | 11.70       | 3.29 | 12.90       | 3.57 | 13.90       | 3.82 | 15.20       | 4.28 |
|        | 41                              | 7.20                         | 2.38 | 8.40        | 2.63 | 10.70       | 3.24 | 11.70       | 3.50 | 12.90       | 3.80 | 13.90       | 4.07 | 15.20       | 4.56 |
|        | 43                              | 7.20                         | 2.52 | 8.40        | 2.80 | 10.70       | 3.46 | 11.70       | 3.73 | 12.90       | 4.04 | 13.90       | 4.34 | 15.20       | 4.86 |
|        | 46                              | 7.20                         | 2.76 | 8.40        | 3.08 | 10.70       | 3.80 | 11.70       | 4.11 | 12.90       | 4.46 | 13.90       | 4.78 | 15.20       | 5.34 |
|        | 48                              | 7.20                         | 2.95 | 8.40        | 3.29 | 10.70       | 4.06 | 11.70       | 4.38 | 12.90       | 4.75 | 13.90       | 5.09 | 15.20       | 5.70 |
|        | 50                              | 7.20                         | 3.14 | 8.40        | 3.52 | 10.70       | 4.34 | 11.70       | 4.68 | 12.90       | 5.07 | 13.90       | 5.43 | 15.20       | 6.07 |
|        | 52                              | 7.20                         | 3.36 | 8.40        | 3.78 | 10.70       | 4.62 | 11.70       | 4.99 | 12.90       | 5.40 | 13.90       | 5.79 | 15.20       | 6.46 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM120LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 7.10                         | 0.53  | 11.50       | 0.84  | 16.20       | 1.20  | 17.40       | 1.30  | 18.50       | 1.39  | 19.70       | 1.50  | 21.00       | 1.62  |
|        | 12                         | 7.10                         | 0.53  | 11.50       | 0.84  | 16.20       | 1.18  | 17.40       | 1.29  | 18.50       | 1.41  | 19.70       | 1.51  | 21.00       | 1.64  |
|        | 14                         | 7.10                         | 0.52  | 11.50       | 0.85  | 16.20       | 1.19  | 17.40       | 1.31  | 18.50       | 1.42  | 19.70       | 1.53  | 21.00       | 1.67  |
|        | 16                         | 7.10                         | 0.52  | 11.50       | 0.85  | 16.20       | 1.21  | 17.40       | 1.35  | 18.50       | 1.46  | 19.70       | 1.58  | 21.00       | 1.73  |
|        | 18                         | 7.10                         | 0.52  | 11.50       | 0.86  | 16.20       | 1.27  | 17.40       | 1.42  | 18.50       | 1.54  | 19.70       | 1.68  | 21.00       | 1.88  |
|        | 20                         | 7.10                         | 0.53  | 11.50       | 0.90  | 16.20       | 1.40  | 17.40       | 1.57  | 18.50       | 1.76  | 19.70       | 1.95  | 21.00       | 2.29  |
|        | 21                         | 8.10                         | 0.65  | 12.40       | 1.12  | 17.10       | 1.88  | 18.30       | 2.08  | 19.40       | 2.20  | 20.50       | 2.33  | 21.70       | 2.54  |
|        | 23                         | 10.00                        | 1.45  | 14.20       | 1.82  | 18.90       | 2.39  | 20.00       | 2.59  | 21.10       | 2.75  | 22.00       | 2.89  | 23.10       | 3.14  |
|        | 25                         | 11.90                        | 1.84  | 16.00       | 2.28  | 20.70       | 3.09  | 21.80       | 3.27  | 22.80       | 3.46  | 23.60       | 3.62  | 24.50       | 3.91  |
|        | 27                         | 13.90                        | 2.33  | 18.00       | 2.92  | 22.60       | 3.94  | 23.60       | 4.16  | 24.60       | 4.39  | 25.20       | 4.53  | 27.40       | 5.19  |
|        | 29                         | 15.90                        | 3.04  | 19.90       | 3.75  | 24.50       | 4.89  | 25.40       | 5.12  | 26.40       | 5.37  | 28.00       | 5.82  | 32.40       | 7.39  |
|        | 31                         | 18.00                        | 3.87  | 21.90       | 4.76  | 26.50       | 6.04  | 27.40       | 6.30  | 29.70       | 7.07  | 33.10       | 8.28  | 37.40       | 10.34 |
|        | 33                         | 20.20                        | 4.94  | 24.00       | 5.93  | 28.50       | 7.46  | 31.40       | 8.55  | 35.00       | 10.06 | 38.20       | 11.60 | 42.40       | 13.39 |
|        | 35                         | 22.40                        | 6.24  | 26.10       | 7.40  | 33.40       | 10.52 | 36.70       | 12.11 | 40.20       | 13.43 | 43.30       | 14.63 | 47.40       | 16.41 |
|        | 37                         | 22.40                        | 6.65  | 26.10       | 7.88  | 33.40       | 11.24 | 36.60       | 12.82 | 40.20       | 14.24 | 43.30       | 15.54 | 44.20       | 16.24 |
|        | 39                         | 22.40                        | 7.09  | 26.10       | 8.12  | 33.40       | 11.33 | 36.60       | 12.81 | 40.10       | 14.27 | 41.60       | 14.92 | 41.20       | 15.00 |
|        | 41                         | 22.40                        | 7.55  | 26.10       | 8.25  | 33.40       | 11.63 | 36.60       | 13.05 | 38.60       | 13.91 | 38.60       | 13.91 | 38.20       | 13.99 |
|        | 43                         | 22.40                        | 7.86  | 26.10       | 8.49  | 33.40       | 12.18 | 35.70       | 13.13 | 35.70       | 13.14 | 35.70       | 13.13 | 35.20       | 13.22 |
|        | 46                         | 22.40                        | 8.32  | 26.10       | 9.19  | 31.40       | 12.09 | 31.40       | 12.08 | 31.40       | 12.09 | 31.40       | 12.07 | 31.00       | 12.26 |
|        | 48                         | 22.40                        | 8.73  | 26.10       | 10.10 | 28.70       | 11.60 | 28.70       | 11.58 | 28.60       | 11.52 | 28.70       | 11.57 | 28.40       | 11.73 |
|        | 50                         | 22.50                        | 9.29  | 26.10       | 11.11 | 26.10       | 11.10 | 26.10       | 11.11 | 26.10       | 11.09 | 26.10       | 11.10 | 25.60       | 11.11 |
|        | 52                         | 22.40                        | 10.29 | 22.80       | 10.05 | 23.10       | 9.49  | 23.20       | 9.38  | 23.30       | 9.25  | 23.40       | 9.16  | 23.40       | 9.21  |
| 120    | 10                         | 6.60                         | 0.49  | 10.60       | 0.78  | 15.00       | 1.10  | 16.00       | 1.19  | 17.10       | 1.26  | 18.20       | 1.35  | 19.40       | 1.48  |
|        | 12                         | 6.60                         | 0.49  | 10.60       | 0.78  | 15.00       | 1.11  | 16.00       | 1.17  | 17.10       | 1.26  | 18.20       | 1.38  | 19.40       | 1.49  |
|        | 14                         | 6.60                         | 0.46  | 10.60       | 0.78  | 15.00       | 1.10  | 16.00       | 1.17  | 17.10       | 1.28  | 18.20       | 1.40  | 19.40       | 1.52  |
|        | 16                         | 6.60                         | 0.47  | 10.60       | 0.78  | 15.00       | 1.11  | 16.00       | 1.20  | 17.10       | 1.33  | 18.20       | 1.43  | 19.40       | 1.57  |
|        | 18                         | 6.60                         | 0.47  | 10.60       | 0.79  | 15.00       | 1.14  | 16.00       | 1.25  | 17.10       | 1.39  | 18.20       | 1.51  | 19.40       | 1.68  |
|        | 20                         | 6.60                         | 0.48  | 10.60       | 0.82  | 15.00       | 1.25  | 16.00       | 1.37  | 17.10       | 1.53  | 18.20       | 1.72  | 19.40       | 2.00  |
|        | 21                         | 7.50                         | 0.58  | 11.40       | 1.00  | 15.80       | 1.62  | 16.80       | 1.83  | 17.90       | 2.04  | 18.90       | 2.15  | 20.00       | 2.33  |
|        | 23                         | 9.20                         | 1.37  | 13.10       | 1.73  | 17.40       | 2.13  | 18.40       | 2.32  | 19.40       | 2.51  | 20.30       | 2.64  | 21.30       | 2.85  |
|        | 25                         | 11.00                        | 1.72  | 14.80       | 2.11  | 19.10       | 2.72  | 20.10       | 2.97  | 21.00       | 3.14  | 21.80       | 3.27  | 22.70       | 3.52  |
|        | 27                         | 12.80                        | 2.18  | 16.60       | 2.69  | 20.90       | 3.50  | 21.70       | 3.75  | 22.60       | 3.95  | 23.30       | 4.09  | 25.30       | 4.68  |
|        | 29                         | 14.70                        | 2.80  | 18.40       | 3.45  | 22.60       | 4.43  | 23.50       | 4.63  | 24.30       | 4.85  | 25.80       | 5.23  | 30.00       | 6.57  |
|        | 31                         | 16.70                        | 3.59  | 20.30       | 4.33  | 24.40       | 5.45  | 25.20       | 5.67  | 27.40       | 6.33  | 30.60       | 7.36  | 34.50       | 9.10  |
|        | 33                         | 18.60                        | 4.50  | 22.20       | 5.37  | 26.30       | 6.69  | 29.00       | 7.63  | 32.20       | 8.90  | 35.20       | 10.20 | 39.20       | 12.22 |
|        | 35                         | 20.70                        | 5.65  | 24.20       | 6.66  | 30.90       | 9.33  | 33.80       | 10.70 | 37.00       | 12.28 | 39.90       | 13.36 | 43.80       | 15.07 |
|        | 37                         | 20.70                        | 6.03  | 24.20       | 7.10  | 30.90       | 9.95  | 33.80       | 11.42 | 37.10       | 13.00 | 40.00       | 14.16 | 43.80       | 16.02 |
|        | 39                         | 20.70                        | 6.43  | 24.20       | 7.56  | 30.90       | 10.12 | 33.80       | 11.52 | 37.00       | 12.99 | 40.00       | 14.18 | 41.20       | 15.00 |
|        | 41                         | 20.70                        | 6.85  | 24.20       | 7.62  | 30.90       | 10.27 | 33.80       | 11.83 | 37.10       | 13.23 | 38.70       | 13.91 | 38.20       | 13.99 |
|        | 43                         | 20.70                        | 7.30  | 24.20       | 7.77  | 30.90       | 10.72 | 33.80       | 12.33 | 35.70       | 13.14 | 35.70       | 13.13 | 35.30       | 13.22 |
|        | 46                         | 20.70                        | 7.79  | 24.10       | 8.25  | 30.90       | 11.77 | 31.40       | 12.11 | 31.40       | 12.09 | 31.40       | 12.11 | 31.10       | 12.27 |
|        | 48                         | 20.70                        | 8.19  | 24.10       | 9.05  | 28.80       | 11.61 | 28.70       | 11.58 | 28.70       | 11.60 | 28.70       | 11.57 | 28.30       | 11.73 |
|        | 50                         | 20.70                        | 8.58  | 24.10       | 9.94  | 26.20       | 11.13 | 26.20       | 11.16 | 26.20       | 11.12 | 26.10       | 11.10 | 25.80       | 11.24 |
|        | 52                         | 20.70                        | 9.09  | 22.60       | 10.29 | 23.00       | 9.72  | 23.00       | 9.61  | 23.20       | 9.49  | 23.20       | 9.41  | 23.20       | 9.50  |
| 110    | 10                         | 6.00                         | 0.45  | 9.70        | 0.71  | 13.70       | 1.01  | 14.70       | 1.08  | 15.70       | 1.16  | 16.70       | 1.24  | 17.70       | 1.34  |
|        | 12                         | 6.00                         | 0.45  | 9.70        | 0.71  | 13.70       | 1.02  | 14.70       | 1.09  | 15.70       | 1.14  | 16.70       | 1.23  | 17.70       | 1.33  |
|        | 14                         | 6.00                         | 0.43  | 9.70        | 0.71  | 13.70       | 1.02  | 14.70       | 1.08  | 15.70       | 1.14  | 16.70       | 1.24  | 17.70       | 1.37  |
|        | 16                         | 6.00                         | 0.42  | 9.70        | 0.71  | 13.70       | 1.02  | 14.70       | 1.09  | 15.70       | 1.16  | 16.70       | 1.27  | 17.70       | 1.41  |
|        | 18                         | 6.00                         | 0.42  | 9.70        | 0.71  | 13.70       | 1.05  | 14.70       | 1.12  | 15.70       | 1.21  | 16.70       | 1.33  | 17.70       | 1.49  |
|        | 20                         | 6.00                         | 0.43  | 9.70        | 0.74  | 13.70       | 1.13  | 14.70       | 1.23  | 15.70       | 1.32  | 16.70       | 1.46  | 17.70       | 1.73  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 6.80                         | 0.52 | 10.50       | 0.88 | 14.50       | 1.44  | 15.40       | 1.56  | 16.40       | 1.73  | 17.30       | 1.94  | 18.30       | 2.13  |
|        | 23                              | 8.40                         | 1.27 | 12.00       | 1.63 | 16.00       | 1.98  | 16.90       | 2.07  | 17.80       | 2.24  | 18.60       | 2.41  | 19.50       | 2.58  |
|        | 25                              | 10.10                        | 1.59 | 13.60       | 1.98 | 17.50       | 2.46  | 18.40       | 2.58  | 19.30       | 2.84  | 19.90       | 2.96  | 20.70       | 3.16  |
|        | 27                              | 11.80                        | 2.02 | 15.20       | 2.48 | 19.10       | 3.12  | 19.90       | 3.29  | 20.80       | 3.55  | 21.30       | 3.66  | 23.20       | 4.18  |
|        | 29                              | 13.50                        | 2.57 | 16.90       | 3.14 | 20.80       | 3.91  | 21.50       | 4.17  | 22.30       | 4.36  | 23.70       | 4.68  | 27.40       | 5.82  |
|        | 31                              | 15.30                        | 3.26 | 18.60       | 3.89 | 22.40       | 4.89  | 23.10       | 5.07  | 25.10       | 5.64  | 28.00       | 6.51  | 31.70       | 7.98  |
|        | 33                              | 17.10                        | 4.10 | 20.30       | 4.84 | 24.10       | 5.97  | 26.50       | 6.77  | 29.60       | 7.85  | 32.30       | 8.93  | 35.90       | 10.83 |
|        | 35                              | 19.00                        | 5.11 | 22.10       | 5.97 | 28.30       | 8.24  | 30.90       | 9.38  | 34.00       | 10.78 | 36.60       | 12.11 | 40.10       | 13.68 |
|        | 37                              | 19.00                        | 5.44 | 22.10       | 6.36 | 28.30       | 8.79  | 30.90       | 10.01 | 34.00       | 11.51 | 36.60       | 12.83 | 40.20       | 14.50 |
|        | 39                              | 19.00                        | 5.80 | 22.10       | 6.78 | 28.30       | 9.02  | 30.90       | 10.19 | 34.00       | 11.62 | 36.70       | 12.82 | 40.10       | 14.54 |
|        | 41                              | 19.00                        | 6.18 | 22.10       | 7.14 | 28.30       | 9.16  | 30.90       | 10.34 | 34.00       | 11.93 | 36.60       | 13.05 | 38.10       | 13.99 |
|        | 43                              | 19.00                        | 6.59 | 22.10       | 7.30 | 28.30       | 9.43  | 31.00       | 10.78 | 34.00       | 12.41 | 35.60       | 13.14 | 35.30       | 13.22 |
|        | 46                              | 19.00                        | 7.26 | 22.10       | 7.70 | 28.30       | 10.29 | 31.00       | 11.83 | 31.40       | 12.11 | 31.40       | 12.08 | 31.00       | 12.25 |
|        | 48                              | 19.00                        | 7.61 | 22.10       | 8.10 | 28.30       | 11.34 | 28.70       | 11.61 | 28.70       | 11.59 | 28.80       | 11.59 | 28.40       | 11.74 |
|        | 50                              | 19.00                        | 7.99 | 22.20       | 8.89 | 26.20       | 11.11 | 26.10       | 11.11 | 26.10       | 11.10 | 26.10       | 11.12 | 25.80       | 11.26 |
|        | 52                              | 19.00                        | 8.08 | 22.10       | 9.93 | 22.80       | 10.00 | 22.90       | 9.90  | 23.00       | 9.78  | 23.10       | 9.64  | 23.20       | 9.63  |
| 100    | 10                              | 5.50                         | 0.41 | 8.80        | 0.65 | 12.50       | 0.92  | 13.40       | 0.99  | 14.30       | 1.05  | 15.20       | 1.12  | 16.10       | 1.19  |
|        | 12                              | 5.50                         | 0.41 | 8.80        | 0.65 | 12.50       | 0.92  | 13.40       | 0.99  | 14.30       | 1.06  | 15.20       | 1.13  | 16.10       | 1.18  |
|        | 14                              | 5.50                         | 0.39 | 8.80        | 0.63 | 12.50       | 0.93  | 13.40       | 1.00  | 14.30       | 1.06  | 15.20       | 1.11  | 16.10       | 1.19  |
|        | 16                              | 5.50                         | 0.36 | 8.80        | 0.63 | 12.50       | 0.93  | 13.40       | 1.00  | 14.30       | 1.06  | 15.20       | 1.12  | 16.10       | 1.22  |
|        | 18                              | 5.50                         | 0.37 | 8.80        | 0.64 | 12.50       | 0.94  | 13.40       | 1.02  | 14.30       | 1.09  | 15.20       | 1.16  | 16.10       | 1.29  |
|        | 20                              | 5.50                         | 0.38 | 8.80        | 0.65 | 12.50       | 1.00  | 13.40       | 1.09  | 14.30       | 1.18  | 15.20       | 1.26  | 16.10       | 1.44  |
|        | 21                              | 6.20                         | 0.45 | 9.50        | 0.77 | 13.20       | 1.23  | 14.00       | 1.37  | 14.90       | 1.48  | 15.80       | 1.61  | 16.70       | 1.87  |
|        | 23                              | 7.70                         | 1.18 | 10.90       | 1.50 | 14.60       | 1.88  | 15.40       | 1.94  | 16.20       | 2.00  | 16.90       | 2.09  | 17.80       | 2.29  |
|        | 25                              | 9.20                         | 1.46 | 12.40       | 1.85 | 16.00       | 2.25  | 16.70       | 2.35  | 17.50       | 2.46  | 18.20       | 2.60  | 18.90       | 2.84  |
|        | 27                              | 10.70                        | 1.84 | 13.80       | 2.26 | 17.40       | 2.82  | 18.10       | 2.95  | 18.90       | 3.08  | 19.40       | 3.27  | 21.10       | 3.70  |
|        | 29                              | 12.30                        | 2.35 | 15.30       | 2.84 | 18.90       | 3.53  | 19.60       | 3.67  | 20.30       | 3.86  | 21.50       | 4.17  | 25.00       | 5.13  |
|        | 31                              | 13.90                        | 2.98 | 16.90       | 3.56 | 20.40       | 4.37  | 21.00       | 4.52  | 22.90       | 5.00  | 25.50       | 5.73  | 28.80       | 6.96  |
|        | 33                              | 15.60                        | 3.71 | 18.50       | 4.35 | 22.00       | 5.30  | 24.20       | 5.97  | 26.90       | 6.87  | 29.40       | 7.78  | 32.70       | 9.34  |
|        | 35                              | 17.30                        | 4.59 | 20.10       | 5.32 | 25.70       | 7.24  | 28.20       | 8.17  | 30.90       | 9.34  | 33.30       | 10.45 | 36.50       | 12.30 |
|        | 37                              | 17.30                        | 4.90 | 20.10       | 5.68 | 25.70       | 7.71  | 28.20       | 8.73  | 30.90       | 9.96  | 33.30       | 11.15 | 36.50       | 13.02 |
|        | 39                              | 17.30                        | 5.22 | 20.10       | 6.05 | 25.70       | 8.14  | 28.20       | 8.98  | 30.90       | 10.17 | 33.30       | 11.32 | 36.50       | 13.02 |
|        | 41                              | 17.30                        | 5.56 | 20.10       | 6.45 | 25.70       | 8.19  | 28.20       | 9.12  | 30.90       | 10.32 | 33.30       | 11.55 | 36.50       | 13.27 |
|        | 43                              | 17.30                        | 5.93 | 20.10       | 6.78 | 25.70       | 8.38  | 28.20       | 9.40  | 30.90       | 10.73 | 33.30       | 12.10 | 35.30       | 13.23 |
|        | 46                              | 17.30                        | 6.53 | 20.10       | 7.19 | 25.70       | 8.99  | 28.20       | 10.21 | 30.90       | 11.77 | 31.50       | 12.11 | 31.00       | 12.26 |
|        | 48                              | 17.30                        | 6.96 | 20.10       | 7.55 | 25.70       | 9.88  | 28.20       | 11.26 | 28.70       | 11.60 | 28.70       | 11.57 | 28.30       | 11.74 |
|        | 50                              | 17.30                        | 7.43 | 20.10       | 7.92 | 25.70       | 10.86 | 26.10       | 11.12 | 26.10       | 11.12 | 26.20       | 11.14 | 25.80       | 11.25 |
|        | 52                              | 17.30                        | 7.47 | 20.10       | 8.68 | 22.60       | 10.29 | 22.70       | 10.12 | 22.90       | 9.94  | 23.00       | 9.77  | 23.00       | 9.77  |
| 90     | 10                              | 5.00                         | 0.37 | 7.90        | 0.58 | 11.30       | 0.83  | 12.00       | 0.88  | 12.80       | 0.94  | 13.70       | 1.01  | 14.50       | 1.08  |
|        | 12                              | 5.00                         | 0.37 | 7.90        | 0.58 | 11.30       | 0.83  | 12.00       | 0.89  | 12.80       | 0.95  | 13.70       | 1.01  | 14.50       | 1.09  |
|        | 14                              | 5.00                         | 0.34 | 7.90        | 0.56 | 11.30       | 0.82  | 12.00       | 0.89  | 12.80       | 0.95  | 13.70       | 1.02  | 14.50       | 1.08  |
|        | 16                              | 5.00                         | 0.33 | 7.90        | 0.55 | 11.30       | 0.83  | 12.00       | 0.89  | 12.80       | 0.96  | 13.70       | 1.02  | 14.50       | 1.09  |
|        | 18                              | 5.00                         | 0.32 | 7.90        | 0.56 | 11.30       | 0.83  | 12.00       | 0.91  | 12.80       | 0.97  | 13.70       | 1.04  | 14.50       | 1.13  |
|        | 20                              | 5.00                         | 0.33 | 7.90        | 0.57 | 11.30       | 0.88  | 12.00       | 0.96  | 12.80       | 1.04  | 13.70       | 1.12  | 14.50       | 1.25  |
|        | 21                              | 5.60                         | 0.39 | 8.50        | 0.66 | 11.90       | 1.04  | 12.60       | 1.15  | 13.40       | 1.26  | 14.20       | 1.38  | 15.00       | 1.64  |
|        | 23                              | 6.90                         | 1.10 | 9.80        | 1.38 | 13.10       | 1.73  | 13.80       | 1.84  | 14.60       | 1.86  | 15.20       | 1.90  | 16.00       | 2.01  |
|        | 25                              | 8.30                         | 1.33 | 11.10       | 1.68 | 14.40       | 2.09  | 15.00       | 2.15  | 15.80       | 2.24  | 16.30       | 2.30  | 17.00       | 2.45  |
|        | 27                              | 9.70                         | 1.67 | 12.40       | 2.07 | 15.70       | 2.55  | 16.30       | 2.65  | 17.00       | 2.75  | 17.40       | 2.82  | 19.00       | 3.16  |
|        | 29                              | 11.10                        | 2.14 | 13.80       | 2.57 | 17.00       | 3.17  | 17.60       | 3.30  | 18.30       | 3.41  | 19.40       | 3.63  | 22.40       | 4.45  |
|        | 31                              | 12.50                        | 2.70 | 15.20       | 3.17 | 18.40       | 3.88  | 18.90       | 4.01  | 20.60       | 4.41  | 22.90       | 4.96  | 25.90       | 6.03  |
|        | 33                              | 14.00                        | 3.35 | 16.60       | 3.89 | 19.80       | 4.69  | 21.70       | 5.24  | 24.20       | 5.99  | 26.40       | 6.73  | 29.30       | 8.01  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 15.60                        | 4.11 | 18.10       | 4.72 | 23.20       | 6.32  | 25.30       | 7.10  | 27.80       | 8.03  | 29.90       | 8.94  | 32.80       | 10.55 |
|        | 37                              | 15.60                        | 4.38 | 18.10       | 5.04 | 23.20       | 6.73  | 25.30       | 7.56  | 27.80       | 8.57  | 29.90       | 9.53  | 32.80       | 11.26 |
|        | 39                              | 15.60                        | 4.67 | 18.10       | 5.37 | 23.20       | 7.18  | 25.30       | 8.06  | 27.80       | 8.84  | 29.90       | 9.78  | 32.80       | 11.52 |
|        | 41                              | 15.60                        | 4.98 | 18.10       | 5.73 | 23.20       | 7.55  | 25.30       | 8.17  | 27.80       | 8.98  | 29.90       | 9.93  | 32.80       | 11.72 |
|        | 43                              | 15.60                        | 5.31 | 18.10       | 6.11 | 23.20       | 7.72  | 25.30       | 8.34  | 27.80       | 9.26  | 30.00       | 10.25 | 32.80       | 12.18 |
|        | 46                              | 15.60                        | 5.85 | 18.10       | 6.62 | 23.20       | 8.15  | 25.30       | 8.81  | 27.80       | 10.02 | 30.00       | 11.22 | 31.00       | 12.26 |
|        | 48                              | 15.60                        | 6.24 | 18.10       | 6.98 | 23.10       | 8.58  | 25.30       | 9.67  | 27.80       | 11.03 | 28.80       | 11.62 | 28.40       | 11.75 |
|        | 50                              | 15.60                        | 6.65 | 18.10       | 7.32 | 23.20       | 9.41  | 25.30       | 10.63 | 26.10       | 11.13 | 26.20       | 11.13 | 25.80       | 11.25 |
|        | 52                              | 15.60                        | 6.81 | 18.10       | 7.52 | 22.50       | 10.20 | 22.60       | 10.30 | 22.80       | 10.11 | 22.90       | 9.94  | 23.00       | 9.94  |
| 80     | 10                              | 4.40                         | 0.33 | 7.10        | 0.52 | 10.00       | 0.73  | 10.70       | 0.79  | 11.40       | 0.84  | 12.20       | 0.89  | 12.90       | 0.96  |
|        | 12                              | 4.40                         | 0.32 | 7.10        | 0.52 | 10.00       | 0.74  | 10.70       | 0.79  | 11.40       | 0.84  | 12.20       | 0.90  | 12.90       | 0.96  |
|        | 14                              | 4.40                         | 0.31 | 7.10        | 0.49 | 10.00       | 0.72  | 10.70       | 0.78  | 11.40       | 0.84  | 12.20       | 0.90  | 12.90       | 0.97  |
|        | 16                              | 4.40                         | 0.29 | 7.10        | 0.47 | 10.00       | 0.71  | 10.70       | 0.78  | 11.40       | 0.84  | 12.20       | 0.90  | 12.90       | 0.97  |
|        | 18                              | 4.40                         | 0.27 | 7.10        | 0.48 | 10.00       | 0.72  | 10.70       | 0.78  | 11.40       | 0.85  | 12.20       | 0.91  | 12.90       | 0.99  |
|        | 20                              | 4.40                         | 0.28 | 7.10        | 0.49 | 10.00       | 0.75  | 10.70       | 0.82  | 11.40       | 0.89  | 12.20       | 0.97  | 12.90       | 1.07  |
|        | 21                              | 5.00                         | 0.33 | 7.60        | 0.55 | 10.50       | 0.88  | 11.20       | 0.96  | 11.90       | 1.06  | 12.60       | 1.16  | 13.30       | 1.36  |
|        | 23                              | 6.10                         | 1.00 | 8.70        | 1.26 | 11.60       | 1.56  | 12.30       | 1.65  | 12.90       | 1.73  | 13.60       | 1.79  | 14.20       | 1.86  |
|        | 25                              | 7.30                         | 1.21 | 9.90        | 1.51 | 12.70       | 1.90  | 13.40       | 1.97  | 14.00       | 2.02  | 14.50       | 2.08  | 15.10       | 2.19  |
|        | 27                              | 8.50                         | 1.48 | 11.10       | 1.85 | 13.90       | 2.28  | 14.50       | 2.36  | 15.10       | 2.45  | 15.50       | 2.51  | 16.90       | 2.79  |
|        | 29                              | 9.80                         | 1.88 | 12.30       | 2.32 | 15.10       | 2.80  | 15.70       | 2.91  | 16.20       | 3.01  | 17.20       | 3.21  | 20.00       | 3.84  |
|        | 31                              | 11.10                        | 2.43 | 13.50       | 2.84 | 16.30       | 3.40  | 16.80       | 3.51  | 18.30       | 3.83  | 20.40       | 4.36  | 23.00       | 5.18  |
|        | 33                              | 12.40                        | 3.02 | 14.80       | 3.46 | 17.50       | 4.11  | 19.30       | 4.57  | 21.50       | 5.18  | 23.50       | 5.77  | 26.10       | 6.80  |
|        | 35                              | 13.80                        | 3.67 | 16.10       | 4.17 | 20.50       | 5.47  | 22.60       | 6.10  | 24.70       | 6.86  | 26.70       | 7.59  | 29.20       | 8.86  |
|        | 37                              | 13.80                        | 3.90 | 16.10       | 4.44 | 20.50       | 5.83  | 22.60       | 6.51  | 24.70       | 7.32  | 26.70       | 8.08  | 29.20       | 9.45  |
|        | 39                              | 13.80                        | 4.15 | 16.10       | 4.73 | 20.50       | 6.22  | 22.60       | 6.94  | 24.70       | 7.80  | 26.70       | 8.62  | 29.20       | 9.78  |
|        | 41                              | 13.80                        | 4.43 | 16.10       | 5.05 | 20.50       | 6.63  | 22.60       | 7.39  | 24.70       | 8.07  | 26.70       | 8.64  | 29.20       | 9.94  |
|        | 43                              | 13.80                        | 4.72 | 16.10       | 5.38 | 20.50       | 7.07  | 22.60       | 7.61  | 24.70       | 8.25  | 26.70       | 8.81  | 29.20       | 10.26 |
|        | 46                              | 13.80                        | 5.21 | 16.10       | 5.93 | 20.50       | 7.45  | 22.60       | 8.06  | 24.70       | 8.69  | 26.60       | 9.43  | 29.20       | 11.13 |
|        | 48                              | 13.80                        | 5.55 | 16.10       | 6.32 | 20.50       | 7.83  | 22.60       | 8.44  | 24.70       | 9.34  | 26.60       | 10.36 | 28.30       | 11.75 |
|        | 50                              | 13.80                        | 5.93 | 16.10       | 6.74 | 20.50       | 8.19  | 22.60       | 9.09  | 24.70       | 10.26 | 26.20       | 11.13 | 25.90       | 11.26 |
|        | 52                              | 13.80                        | 6.32 | 16.10       | 6.76 | 20.60       | 8.92  | 22.50       | 10.19 | 22.60       | 10.33 | 22.70       | 10.15 | 22.80       | 10.16 |
| 70     | 10                              | 3.80                         | 0.29 | 6.20        | 0.45 | 8.70        | 0.64  | 9.40        | 0.69  | 10.00       | 0.73  | 10.60       | 0.78  | 11.30       | 0.84  |
|        | 12                              | 3.80                         | 0.27 | 6.20        | 0.45 | 8.70        | 0.64  | 9.40        | 0.69  | 10.00       | 0.74  | 10.60       | 0.78  | 11.30       | 0.84  |
|        | 14                              | 3.80                         | 0.26 | 6.20        | 0.43 | 8.70        | 0.61  | 9.40        | 0.66  | 10.00       | 0.71  | 10.60       | 0.77  | 11.30       | 0.85  |
|        | 16                              | 3.80                         | 0.25 | 6.20        | 0.40 | 8.70        | 0.60  | 9.40        | 0.66  | 10.00       | 0.71  | 10.60       | 0.77  | 11.30       | 0.84  |
|        | 18                              | 3.80                         | 0.24 | 6.20        | 0.40 | 8.70        | 0.61  | 9.40        | 0.67  | 10.00       | 0.72  | 10.60       | 0.78  | 11.30       | 0.85  |
|        | 20                              | 3.80                         | 0.24 | 6.20        | 0.41 | 8.70        | 0.63  | 9.40        | 0.69  | 10.00       | 0.75  | 10.60       | 0.81  | 11.30       | 0.90  |
|        | 21                              | 4.30                         | 0.27 | 6.60        | 0.46 | 9.20        | 0.71  | 9.80        | 0.79  | 10.40       | 0.86  | 11.00       | 0.94  | 11.70       | 1.09  |
|        | 23                              | 5.40                         | 0.83 | 7.60        | 1.13 | 10.20       | 1.40  | 10.70       | 1.48  | 11.30       | 1.54  | 11.90       | 1.61  | 12.40       | 1.70  |
|        | 25                              | 6.40                         | 1.08 | 8.60        | 1.35 | 11.20       | 1.67  | 11.70       | 1.75  | 12.30       | 1.84  | 12.70       | 1.89  | 13.20       | 1.98  |
|        | 27                              | 7.50                         | 1.31 | 9.70        | 1.64 | 12.20       | 2.03  | 12.70       | 2.11  | 13.20       | 2.17  | 13.60       | 2.23  | 14.80       | 2.45  |
|        | 29                              | 8.60                         | 1.64 | 10.70       | 2.04 | 13.20       | 2.48  | 13.70       | 2.56  | 14.20       | 2.65  | 15.10       | 2.79  | 17.50       | 3.34  |
|        | 31                              | 9.70                         | 2.14 | 11.80       | 2.53 | 14.20       | 3.02  | 14.70       | 3.11  | 16.00       | 3.33  | 17.80       | 3.76  | 20.20       | 4.42  |
|        | 33                              | 10.90                        | 2.65 | 12.90       | 3.06 | 15.30       | 3.59  | 16.90       | 3.95  | 18.80       | 4.44  | 20.60       | 4.91  | 22.90       | 5.72  |
|        | 35                              | 12.10                        | 3.24 | 14.00       | 3.65 | 18.00       | 4.70  | 19.70       | 5.20  | 21.60       | 5.80  | 23.30       | 6.37  | 25.60       | 7.37  |
|        | 37                              | 12.10                        | 3.45 | 14.00       | 3.88 | 18.00       | 5.01  | 19.70       | 5.55  | 21.60       | 6.18  | 23.30       | 6.79  | 25.60       | 7.86  |
|        | 39                              | 12.10                        | 3.67 | 14.00       | 4.14 | 18.00       | 5.34  | 19.70       | 5.91  | 21.60       | 6.60  | 23.30       | 7.24  | 25.60       | 8.38  |
|        | 41                              | 12.10                        | 3.91 | 14.00       | 4.41 | 18.00       | 5.69  | 19.70       | 6.30  | 21.60       | 7.03  | 23.30       | 7.72  | 25.60       | 8.78  |
|        | 43                              | 12.10                        | 4.17 | 14.00       | 4.71 | 18.00       | 6.07  | 19.70       | 6.72  | 21.60       | 7.40  | 23.30       | 7.93  | 25.60       | 8.99  |
|        | 46                              | 12.10                        | 4.60 | 14.00       | 5.19 | 18.00       | 6.68  | 19.70       | 7.24  | 21.60       | 7.85  | 23.30       | 8.39  | 25.60       | 9.50  |
|        | 48                              | 12.10                        | 4.91 | 14.00       | 5.54 | 18.00       | 7.04  | 19.70       | 7.62  | 21.60       | 8.24  | 23.30       | 8.79  | 25.50       | 10.07 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    |
| 70     | 50                              | 12.10                        | 5.25 | 14.00       | 5.91 | 18.00       | 7.39 | 19.70       | 7.98 | 21.60       | 8.63 | 23.30       | 9.49  | 25.50       | 11.08 |
|        | 52                              | 12.10                        | 5.60 | 14.00       | 6.07 | 18.00       | 7.47 | 19.70       | 8.36 | 21.70       | 9.57 | 22.60       | 10.21 | 22.60       | 10.45 |
| 60     | 10                              | 3.30                         | 0.24 | 5.30        | 0.39 | 7.50        | 0.55 | 8.00        | 0.59 | 8.60        | 0.63 | 9.10        | 0.67  | 9.70        | 0.72  |
|        | 12                              | 3.30                         | 0.22 | 5.30        | 0.37 | 7.50        | 0.55 | 8.00        | 0.59 | 8.60        | 0.63 | 9.10        | 0.67  | 9.70        | 0.72  |
|        | 14                              | 3.30                         | 0.21 | 5.30        | 0.36 | 7.50        | 0.52 | 8.00        | 0.56 | 8.60        | 0.60 | 9.10        | 0.64  | 9.70        | 0.68  |
|        | 16                              | 3.30                         | 0.21 | 5.30        | 0.34 | 7.50        | 0.50 | 8.00        | 0.53 | 8.60        | 0.59 | 9.10        | 0.64  | 9.70        | 0.69  |
|        | 18                              | 3.30                         | 0.20 | 5.30        | 0.32 | 7.50        | 0.49 | 8.00        | 0.54 | 8.60        | 0.60 | 9.10        | 0.65  | 9.70        | 0.70  |
|        | 20                              | 3.30                         | 0.19 | 5.30        | 0.33 | 7.50        | 0.51 | 8.00        | 0.55 | 8.60        | 0.62 | 9.10        | 0.67  | 9.70        | 0.74  |
|        | 21                              | 3.70                         | 0.22 | 5.70        | 0.37 | 7.90        | 0.57 | 8.40        | 0.62 | 8.90        | 0.69 | 9.50        | 0.75  | 10.00       | 0.85  |
|        | 23                              | 4.60                         | 0.55 | 6.60        | 0.91 | 8.70        | 1.23 | 9.20        | 1.29 | 9.70        | 1.36 | 10.20       | 1.41  | 10.60       | 1.49  |
|        | 25                              | 5.50                         | 0.95 | 7.40        | 1.17 | 9.60        | 1.46 | 10.10       | 1.52 | 10.50       | 1.60 | 10.90       | 1.66  | 11.30       | 1.75  |
|        | 27                              | 6.40                         | 1.14 | 8.30        | 1.41 | 10.40       | 1.75 | 10.90       | 1.83 | 11.30       | 1.93 | 11.70       | 1.97  | 12.60       | 2.15  |
|        | 29                              | 7.40                         | 1.42 | 9.20        | 1.74 | 11.30       | 2.15 | 11.80       | 2.21 | 12.20       | 2.30 | 12.90       | 2.44  | 14.90       | 2.85  |
|        | 31                              | 8.30                         | 1.79 | 10.10       | 2.19 | 12.20       | 2.60 | 12.60       | 2.68 | 13.70       | 2.89 | 15.30       | 3.23  | 17.30       | 3.73  |
|        | 33                              | 9.30                         | 2.31 | 11.10       | 2.65 | 13.20       | 3.11 | 14.50       | 3.39 | 16.10       | 3.77 | 17.70       | 4.13  | 19.60       | 4.76  |
|        | 35                              | 10.30                        | 2.80 | 12.10       | 3.18 | 15.40       | 3.99 | 16.90       | 4.39 | 18.60       | 4.85 | 20.00       | 5.28  | 21.90       | 6.05  |
|        | 37                              | 10.30                        | 2.98 | 12.10       | 3.37 | 15.40       | 4.25 | 16.90       | 4.67 | 18.60       | 5.16 | 20.00       | 5.63  | 21.90       | 6.45  |
|        | 39                              | 10.30                        | 3.22 | 12.10       | 3.60 | 15.40       | 4.53 | 16.90       | 4.98 | 18.60       | 5.51 | 20.00       | 6.00  | 21.90       | 6.88  |
|        | 41                              | 10.30                        | 3.43 | 12.10       | 3.83 | 15.40       | 4.83 | 16.90       | 5.31 | 18.60       | 5.87 | 20.00       | 6.40  | 21.90       | 7.32  |
|        | 43                              | 10.30                        | 3.66 | 12.10       | 4.08 | 15.40       | 5.15 | 16.90       | 5.67 | 18.60       | 6.27 | 20.00       | 6.82  | 21.90       | 7.81  |
|        | 46                              | 10.30                        | 4.03 | 12.10       | 4.50 | 15.40       | 5.68 | 16.90       | 6.24 | 18.60       | 6.89 | 20.00       | 7.38  | 21.90       | 8.33  |
|        | 48                              | 10.30                        | 4.31 | 12.10       | 4.81 | 15.40       | 6.06 | 16.90       | 6.66 | 18.60       | 7.27 | 20.00       | 7.78  | 21.90       | 8.77  |
|        | 50                              | 10.30                        | 4.61 | 12.10       | 5.14 | 15.40       | 6.46 | 16.90       | 7.09 | 18.60       | 7.63 | 20.00       | 8.15  | 21.90       | 9.18  |
|        | 52                              | 10.30                        | 4.92 | 12.10       | 5.48 | 15.40       | 6.60 | 16.90       | 7.13 | 18.60       | 7.71 | 20.00       | 8.46  | 21.90       | 9.89  |
| 50     | 10                              | 2.80                         | 0.21 | 4.40        | 0.32 | 6.20        | 0.46 | 6.70        | 0.49 | 7.10        | 0.52 | 7.60        | 0.56  | 8.10        | 0.60  |
|        | 12                              | 2.80                         | 0.19 | 4.40        | 0.30 | 6.20        | 0.44 | 6.70        | 0.48 | 7.10        | 0.52 | 7.60        | 0.56  | 8.10        | 0.60  |
|        | 14                              | 2.80                         | 0.18 | 4.40        | 0.29 | 6.20        | 0.42 | 6.70        | 0.46 | 7.10        | 0.49 | 7.60        | 0.53  | 8.10        | 0.57  |
|        | 16                              | 2.80                         | 0.17 | 4.40        | 0.28 | 6.20        | 0.40 | 6.70        | 0.44 | 7.10        | 0.47 | 7.60        | 0.50  | 8.10        | 0.54  |
|        | 18                              | 2.80                         | 0.17 | 4.40        | 0.27 | 6.20        | 0.39 | 6.70        | 0.42 | 7.10        | 0.46 | 7.60        | 0.50  | 8.10        | 0.55  |
|        | 20                              | 2.80                         | 0.16 | 4.40        | 0.26 | 6.20        | 0.40 | 6.70        | 0.43 | 7.10        | 0.48 | 7.60        | 0.52  | 8.10        | 0.57  |
|        | 21                              | 3.10                         | 0.18 | 4.70        | 0.29 | 6.60        | 0.43 | 7.00        | 0.48 | 7.40        | 0.53 | 7.90        | 0.57  | 8.30        | 0.64  |
|        | 23                              | 3.80                         | 0.37 | 5.40        | 0.58 | 7.30        | 1.05 | 7.70        | 1.12 | 8.10        | 1.16 | 8.50        | 1.22  | 8.90        | 1.29  |
|        | 25                              | 4.80                         | 0.87 | 6.20        | 1.02 | 8.00        | 1.23 | 8.40        | 1.29 | 8.70        | 1.35 | 9.10        | 1.41  | 9.40        | 1.49  |
|        | 27                              | 5.40                         | 1.00 | 6.90        | 1.19 | 8.70        | 1.45 | 9.10        | 1.53 | 9.40        | 1.60 | 9.70        | 1.67  | 10.50       | 1.82  |
|        | 29                              | 6.10                         | 1.20 | 7.60        | 1.44 | 9.40        | 1.77 | 9.80        | 1.86 | 10.10       | 1.97 | 10.80       | 2.06  | 12.50       | 2.38  |
|        | 31                              | 7.00                         | 1.49 | 8.40        | 1.81 | 10.20       | 2.20 | 10.50       | 2.28 | 11.40       | 2.46 | 12.70       | 2.70  | 14.40       | 3.07  |
|        | 33                              | 7.80                         | 1.92 | 9.20        | 2.27 | 11.00       | 2.61 | 12.10       | 2.88 | 13.40       | 3.13 | 14.70       | 3.40  | 16.30       | 3.90  |
|        | 35                              | 8.60                         | 2.38 | 10.00       | 2.67 | 12.90       | 3.36 | 14.10       | 3.65 | 15.40       | 3.99 | 16.70       | 4.31  | 18.20       | 4.88  |
|        | 37                              | 8.60                         | 2.52 | 10.00       | 2.86 | 12.90       | 3.57 | 14.10       | 3.88 | 15.40       | 4.25 | 16.70       | 4.60  | 18.20       | 5.21  |
|        | 39                              | 8.60                         | 2.72 | 10.00       | 3.07 | 12.90       | 3.80 | 14.10       | 4.14 | 15.40       | 4.53 | 16.70       | 4.91  | 18.20       | 5.55  |
|        | 41                              | 8.60                         | 2.92 | 10.00       | 3.27 | 12.90       | 4.06 | 14.10       | 4.41 | 15.40       | 4.83 | 16.70       | 5.23  | 18.20       | 5.91  |
|        | 43                              | 8.60                         | 3.11 | 10.00       | 3.49 | 12.90       | 4.32 | 14.10       | 4.71 | 15.40       | 5.16 | 16.70       | 5.57  | 18.20       | 6.31  |
|        | 46                              | 8.60                         | 3.44 | 10.00       | 3.86 | 12.90       | 4.77 | 14.10       | 5.19 | 15.40       | 5.68 | 16.70       | 6.14  | 18.20       | 6.94  |
|        | 48                              | 8.60                         | 3.68 | 10.00       | 4.13 | 12.90       | 5.09 | 14.10       | 5.54 | 15.40       | 6.07 | 16.70       | 6.55  | 18.20       | 7.40  |
|        | 50                              | 8.60                         | 3.95 | 10.00       | 4.42 | 12.90       | 5.44 | 14.10       | 5.91 | 15.40       | 6.47 | 16.70       | 6.98  | 18.20       | 7.89  |
|        | 52                              | 8.60                         | 4.24 | 10.00       | 4.72 | 12.90       | 5.80 | 14.10       | 6.11 | 15.40       | 6.63 | 16.70       | 7.09  | 18.20       | 7.93  |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM140LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 8.30                         | 0.55  | 13.40       | 0.88  | 18.90       | 1.26  | 20.30       | 1.36  | 21.60       | 1.46  | 23.00       | 1.57  | 24.50       | 1.70  |
|        | 12                               | 8.30                         | 0.55  | 13.40       | 0.88  | 18.90       | 1.26  | 20.30       | 1.36  | 21.60       | 1.47  | 23.00       | 1.58  | 24.50       | 1.71  |
|        | 14                               | 8.30                         | 0.54  | 13.40       | 0.88  | 18.90       | 1.27  | 20.30       | 1.38  | 21.60       | 1.48  | 23.00       | 1.60  | 24.50       | 1.73  |
|        | 16                               | 8.30                         | 0.52  | 13.40       | 0.89  | 18.90       | 1.29  | 20.30       | 1.40  | 21.60       | 1.51  | 23.00       | 1.63  | 24.50       | 1.78  |
|        | 18                               | 8.30                         | 0.53  | 13.40       | 0.90  | 18.90       | 1.33  | 20.30       | 1.45  | 21.60       | 1.57  | 23.00       | 1.70  | 24.50       | 1.89  |
|        | 20                               | 8.30                         | 0.54  | 13.40       | 0.93  | 18.90       | 1.43  | 20.30       | 1.57  | 21.60       | 1.73  | 23.00       | 1.90  | 24.50       | 2.18  |
|        | 21                               | 9.40                         | 0.65  | 14.40       | 1.11  | 20.00       | 1.82  | 21.30       | 2.03  | 22.60       | 2.26  | 23.90       | 2.51  | 25.30       | 2.94  |
|        | 23                               | 11.60                        | 1.97  | 16.60       | 2.35  | 22.10       | 2.88  | 23.30       | 3.01  | 24.60       | 3.15  | 25.70       | 3.29  | 26.90       | 3.51  |
|        | 25                               | 13.90                        | 2.36  | 18.80       | 2.82  | 24.20       | 3.49  | 25.30       | 3.66  | 26.60       | 3.83  | 27.50       | 3.97  | 28.60       | 4.24  |
|        | 27                               | 16.20                        | 2.86  | 21.00       | 3.44  | 26.40       | 4.30  | 27.50       | 4.50  | 28.60       | 4.72  | 29.40       | 4.86  | 32.00       | 5.53  |
|        | 29                               | 18.60                        | 3.54  | 23.30       | 4.26  | 28.60       | 5.34  | 29.60       | 5.56  | 30.80       | 5.80  | 32.70       | 6.22  | 37.90       | 7.71  |
|        | 31                               | 21.10                        | 4.42  | 25.60       | 5.24  | 30.90       | 6.47  | 31.90       | 6.71  | 34.60       | 7.44  | 38.60       | 8.58  | 43.70       | 10.52 |
|        | 33                               | 23.60                        | 5.43  | 28.10       | 6.39  | 33.30       | 7.85  | 36.60       | 8.88  | 40.80       | 10.28 | 44.60       | 11.71 | 49.50       | 13.28 |
|        | 35                               | 26.20                        | 6.72  | 30.50       | 7.82  | 39.00       | 10.76 | 42.70       | 12.19 | 46.90       | 13.34 | 50.50       | 14.33 | 55.40       | 15.69 |
|        | 37                               | 26.20                        | 7.13  | 30.50       | 8.30  | 39.00       | 11.43 | 42.70       | 12.84 | 46.80       | 14.05 | 50.50       | 15.10 | 53.60       | 16.11 |
|        | 39                               | 26.20                        | 7.56  | 30.50       | 8.82  | 39.00       | 12.16 | 42.70       | 13.54 | 46.90       | 14.83 | 50.00       | 15.80 | 49.40       | 15.84 |
|        | 41                               | 26.20                        | 8.02  | 30.50       | 9.36  | 39.10       | 12.95 | 42.70       | 14.30 | 45.80       | 15.33 | 45.70       | 15.32 | 45.10       | 15.39 |
|        | 43                               | 26.20                        | 8.51  | 30.50       | 9.94  | 39.10       | 13.82 | 41.60       | 14.76 | 41.60       | 14.74 | 41.60       | 14.74 | 41.10       | 14.84 |
|        | 46                               | 26.20                        | 9.32  | 30.60       | 10.89 | 35.90       | 13.51 | 35.90       | 13.52 | 35.80       | 13.51 | 35.80       | 13.49 | 35.40       | 13.66 |
|        | 48                               | 26.20                        | 9.90  | 30.50       | 11.59 | 32.20       | 12.47 | 32.30       | 12.48 | 32.50       | 12.59 | 32.20       | 12.46 | 31.80       | 12.61 |
|        | 50                               | 26.20                        | 10.36 | 29.00       | 11.36 | 28.90       | 11.36 | 28.90       | 11.34 | 28.90       | 11.35 | 28.80       | 11.34 | 28.50       | 11.48 |
|        | 52                               | 25.40                        | 9.82  | 25.80       | 9.75  | 25.80       | 9.73  | 25.70       | 9.72  | 25.70       | 9.72  | 25.80       | 9.73  | 25.40       | 9.83  |
| 120    | 10                               | 7.70                         | 0.51  | 12.40       | 0.81  | 17.50       | 1.15  | 18.70       | 1.24  | 20.00       | 1.33  | 21.20       | 1.43  | 22.60       | 1.55  |
|        | 12                               | 7.70                         | 0.51  | 12.40       | 0.81  | 17.50       | 1.16  | 18.70       | 1.24  | 20.00       | 1.34  | 21.20       | 1.44  | 22.60       | 1.56  |
|        | 14                               | 7.70                         | 0.49  | 12.40       | 0.81  | 17.50       | 1.16  | 18.70       | 1.25  | 20.00       | 1.35  | 21.20       | 1.45  | 22.60       | 1.58  |
|        | 16                               | 7.70                         | 0.46  | 12.40       | 0.81  | 17.50       | 1.18  | 18.70       | 1.27  | 20.00       | 1.37  | 21.20       | 1.48  | 22.60       | 1.61  |
|        | 18                               | 7.70                         | 0.47  | 12.40       | 0.82  | 17.50       | 1.21  | 18.70       | 1.31  | 20.00       | 1.42  | 21.20       | 1.54  | 22.60       | 1.69  |
|        | 20                               | 7.70                         | 0.48  | 12.40       | 0.85  | 17.50       | 1.29  | 18.70       | 1.41  | 20.00       | 1.54  | 21.20       | 1.69  | 22.60       | 1.92  |
|        | 21                               | 8.70                         | 0.57  | 13.30       | 1.00  | 18.50       | 1.59  | 19.60       | 1.77  | 20.90       | 1.96  | 22.10       | 2.16  | 23.30       | 2.65  |
|        | 23                               | 10.80                        | 1.84  | 15.30       | 2.25  | 20.40       | 2.71  | 21.50       | 2.82  | 22.70       | 2.94  | 23.70       | 3.06  | 24.80       | 3.25  |
|        | 25                               | 12.90                        | 2.22  | 17.30       | 2.66  | 22.40       | 3.24  | 23.40       | 3.39  | 24.50       | 3.54  | 25.40       | 3.66  | 26.40       | 3.89  |
|        | 27                               | 15.00                        | 2.71  | 19.40       | 3.21  | 24.40       | 3.96  | 25.40       | 4.13  | 26.40       | 4.31  | 27.10       | 4.44  | 29.50       | 5.01  |
|        | 29                               | 17.20                        | 3.31  | 21.50       | 3.94  | 26.40       | 4.89  | 27.40       | 5.09  | 28.40       | 5.29  | 30.10       | 5.66  | 34.90       | 6.95  |
|        | 31                               | 19.50                        | 4.11  | 23.70       | 4.83  | 28.60       | 5.89  | 29.40       | 6.11  | 32.00       | 6.74  | 35.60       | 7.71  | 40.40       | 9.37  |
|        | 33                               | 21.80                        | 5.02  | 25.90       | 5.85  | 30.70       | 7.11  | 33.80       | 8.01  | 37.60       | 9.21  | 41.10       | 10.42 | 45.70       | 12.25 |
|        | 35                               | 24.20                        | 6.16  | 28.20       | 7.12  | 36.10       | 9.66  | 39.40       | 10.92 | 43.20       | 12.34 | 46.60       | 13.28 | 51.10       | 14.69 |
|        | 37                               | 24.20                        | 6.53  | 28.20       | 7.55  | 36.10       | 10.25 | 39.40       | 11.60 | 43.20       | 13.00 | 46.60       | 13.99 | 51.10       | 15.48 |
|        | 39                               | 24.20                        | 6.92  | 28.20       | 8.01  | 36.10       | 10.89 | 39.40       | 12.34 | 43.20       | 13.71 | 46.60       | 14.76 | 49.30       | 15.81 |
|        | 41                               | 24.20                        | 7.34  | 28.20       | 8.51  | 36.10       | 11.59 | 39.50       | 13.15 | 43.20       | 14.48 | 45.80       | 15.32 | 45.20       | 15.39 |
|        | 43                               | 24.20                        | 7.80  | 28.20       | 9.03  | 36.00       | 12.33 | 39.50       | 13.97 | 41.70       | 14.77 | 41.70       | 14.76 | 41.10       | 14.84 |
|        | 46                               | 24.20                        | 8.52  | 28.10       | 9.89  | 35.90       | 13.51 | 35.80       | 13.50 | 35.90       | 13.53 | 35.90       | 13.51 | 35.40       | 13.65 |
|        | 48                               | 24.20                        | 9.05  | 28.20       | 10.50 | 32.20       | 12.45 | 32.30       | 12.45 | 32.30       | 12.48 | 32.20       | 12.46 | 31.80       | 12.62 |
|        | 50                               | 24.20                        | 9.47  | 28.20       | 11.01 | 28.90       | 11.36 | 28.90       | 11.36 | 28.90       | 11.35 | 28.90       | 11.37 | 28.40       | 11.50 |
|        | 52                               | 24.20                        | 9.28  | 25.70       | 9.73  | 25.70       | 9.73  | 25.70       | 9.72  | 25.70       | 9.73  | 25.70       | 9.73  | 25.40       | 9.84  |
| 110    | 10                               | 7.10                         | 0.46  | 11.30       | 0.74  | 16.00       | 1.06  | 17.20       | 1.13  | 18.30       | 1.21  | 19.50       | 1.30  | 20.70       | 1.40  |
|        | 12                               | 7.10                         | 0.46  | 11.30       | 0.74  | 16.00       | 1.06  | 17.20       | 1.13  | 18.30       | 1.21  | 19.50       | 1.30  | 20.70       | 1.41  |
|        | 14                               | 7.10                         | 0.44  | 11.30       | 0.74  | 16.00       | 1.06  | 17.20       | 1.14  | 18.30       | 1.22  | 19.50       | 1.31  | 20.70       | 1.42  |
|        | 16                               | 7.10                         | 0.41  | 11.30       | 0.73  | 16.00       | 1.07  | 17.20       | 1.15  | 18.30       | 1.24  | 19.50       | 1.33  | 20.70       | 1.45  |
|        | 18                               | 7.10                         | 0.41  | 11.30       | 0.74  | 16.00       | 1.09  | 17.20       | 1.18  | 18.30       | 1.27  | 19.50       | 1.38  | 20.70       | 1.51  |
|        | 20                               | 7.10                         | 0.42  | 11.30       | 0.77  | 16.00       | 1.15  | 17.20       | 1.26  | 18.30       | 1.36  | 19.50       | 1.49  | 20.70       | 1.69  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 8.00                         | 0.50 | 12.20       | 0.89 | 16.90       | 1.40  | 18.00       | 1.53  | 19.10       | 1.69  | 20.20       | 1.86  | 21.40       | 2.24  |
|        | 23                               | 9.90                         | 1.71 | 14.00       | 2.14 | 18.70       | 2.54  | 19.70       | 2.64  | 20.80       | 2.75  | 21.70       | 2.84  | 22.80       | 3.01  |
|        | 25                               | 11.80                        | 2.04 | 15.90       | 2.51 | 20.50       | 3.02  | 21.50       | 3.14  | 22.50       | 3.27  | 23.30       | 3.37  | 24.20       | 3.56  |
|        | 27                               | 13.70                        | 2.52 | 17.70       | 3.00 | 22.30       | 3.64  | 23.30       | 3.78  | 24.30       | 3.94  | 24.90       | 4.04  | 27.00       | 4.53  |
|        | 29                               | 15.80                        | 3.10 | 19.70       | 3.64 | 24.20       | 4.44  | 25.10       | 4.62  | 26.10       | 4.81  | 27.60       | 5.14  | 32.00       | 6.23  |
|        | 31                               | 17.80                        | 3.82 | 21.70       | 4.44 | 26.10       | 5.36  | 27.00       | 5.54  | 29.30       | 6.08  | 32.70       | 6.92  | 36.90       | 8.32  |
|        | 33                               | 19.90                        | 4.61 | 23.70       | 5.34 | 28.10       | 6.43  | 31.00       | 7.19  | 34.50       | 8.21  | 37.70       | 9.24  | 41.90       | 11.02 |
|        | 35                               | 22.10                        | 5.62 | 25.80       | 6.45 | 33.00       | 8.62  | 36.10       | 9.70  | 39.70       | 10.99 | 42.70       | 12.19 | 46.80       | 13.57 |
|        | 37                               | 22.10                        | 5.95 | 25.80       | 6.84 | 33.00       | 9.16  | 36.10       | 10.30 | 39.70       | 11.69 | 42.70       | 12.85 | 46.80       | 14.28 |
|        | 39                               | 22.10                        | 6.31 | 25.80       | 7.26 | 33.00       | 9.72  | 36.10       | 10.94 | 39.70       | 12.43 | 42.70       | 13.55 | 46.90       | 15.07 |
|        | 41                               | 22.10                        | 6.71 | 25.80       | 7.71 | 33.00       | 10.33 | 36.10       | 11.64 | 39.60       | 13.25 | 42.70       | 14.31 | 45.10       | 15.39 |
|        | 43                               | 22.10                        | 7.11 | 25.80       | 8.18 | 33.00       | 10.98 | 36.20       | 12.40 | 39.70       | 14.04 | 41.60       | 14.75 | 41.10       | 14.83 |
|        | 46                               | 22.10                        | 7.77 | 25.80       | 8.95 | 33.00       | 12.06 | 35.80       | 13.51 | 35.80       | 13.49 | 35.90       | 13.52 | 35.30       | 13.67 |
|        | 48                               | 22.10                        | 8.25 | 25.80       | 9.50 | 32.30       | 12.47 | 32.30       | 12.46 | 32.20       | 12.45 | 32.30       | 12.48 | 31.80       | 12.60 |
|        | 50                               | 22.10                        | 8.76 | 25.90       | 9.94 | 28.90       | 11.35 | 28.90       | 11.35 | 28.90       | 11.37 | 28.90       | 11.37 | 28.40       | 11.46 |
|        | 52                               | 22.20                        | 8.46 | 25.80       | 9.74 | 25.80       | 9.72  | 25.70       | 9.73  | 25.70       | 9.74  | 25.80       | 9.73  | 25.20       | 9.77  |
| 100    | 10                               | 6.40                         | 0.42 | 10.30       | 0.67 | 14.60       | 0.96  | 15.60       | 1.03  | 16.60       | 1.10  | 17.70       | 1.17  | 18.80       | 1.26  |
|        | 12                               | 6.40                         | 0.40 | 10.30       | 0.67 | 14.60       | 0.96  | 15.60       | 1.03  | 16.60       | 1.10  | 17.70       | 1.17  | 18.80       | 1.27  |
|        | 14                               | 6.40                         | 0.38 | 10.30       | 0.66 | 14.60       | 0.96  | 15.60       | 1.03  | 16.60       | 1.10  | 17.70       | 1.18  | 18.80       | 1.28  |
|        | 16                               | 6.40                         | 0.37 | 10.30       | 0.63 | 14.60       | 0.97  | 15.60       | 1.04  | 16.60       | 1.11  | 17.70       | 1.19  | 18.80       | 1.30  |
|        | 18                               | 6.40                         | 0.35 | 10.30       | 0.64 | 14.60       | 0.98  | 15.60       | 1.06  | 16.60       | 1.14  | 17.70       | 1.22  | 18.80       | 1.34  |
|        | 20                               | 6.40                         | 0.36 | 10.30       | 0.66 | 14.60       | 1.03  | 15.60       | 1.12  | 16.60       | 1.21  | 17.70       | 1.31  | 18.80       | 1.47  |
|        | 21                               | 7.30                         | 0.42 | 11.10       | 0.76 | 15.40       | 1.21  | 16.40       | 1.33  | 17.40       | 1.45  | 18.40       | 1.59  | 19.40       | 1.88  |
|        | 23                               | 9.00                         | 1.59 | 12.70       | 2.00 | 17.00       | 2.39  | 17.90       | 2.47  | 18.90       | 2.56  | 19.80       | 2.65  | 20.70       | 2.79  |
|        | 25                               | 10.70                        | 1.89 | 14.40       | 2.37 | 18.60       | 2.80  | 19.50       | 2.90  | 20.40       | 3.01  | 21.20       | 3.10  | 22.00       | 3.27  |
|        | 27                               | 12.50                        | 2.30 | 16.10       | 2.80 | 20.30       | 3.34  | 21.20       | 3.46  | 22.00       | 3.59  | 22.60       | 3.68  | 24.60       | 4.09  |
|        | 29                               | 14.40                        | 2.90 | 17.90       | 3.36 | 22.00       | 4.04  | 22.80       | 4.18  | 23.70       | 4.34  | 25.10       | 4.62  | 29.10       | 5.58  |
|        | 31                               | 16.20                        | 3.52 | 19.70       | 4.07 | 23.80       | 4.86  | 24.50       | 5.01  | 26.60       | 5.46  | 29.70       | 6.17  | 33.60       | 7.35  |
|        | 33                               | 18.20                        | 4.24 | 21.50       | 4.86 | 25.60       | 5.78  | 28.20       | 6.43  | 31.30       | 7.29  | 34.30       | 8.15  | 38.10       | 9.63  |
|        | 35                               | 20.20                        | 5.12 | 23.40       | 5.83 | 30.00       | 7.67  | 32.90       | 8.58  | 36.00       | 9.66  | 38.80       | 10.70 | 42.50       | 12.38 |
|        | 37                               | 20.20                        | 5.42 | 23.40       | 6.18 | 30.00       | 8.14  | 32.90       | 9.10  | 36.00       | 10.26 | 38.80       | 11.37 | 42.50       | 13.04 |
|        | 39                               | 20.20                        | 5.74 | 23.40       | 6.55 | 30.00       | 8.64  | 32.90       | 9.67  | 36.00       | 10.89 | 38.80       | 12.08 | 42.50       | 13.75 |
|        | 41                               | 20.20                        | 6.09 | 23.40       | 6.95 | 30.00       | 9.18  | 32.90       | 10.27 | 36.00       | 11.59 | 38.80       | 12.87 | 42.50       | 14.52 |
|        | 43                               | 20.20                        | 6.46 | 23.40       | 7.38 | 30.00       | 9.75  | 32.90       | 10.91 | 36.00       | 12.34 | 38.90       | 13.74 | 41.20       | 14.84 |
|        | 46                               | 20.20                        | 7.06 | 23.40       | 8.07 | 30.10       | 10.68 | 32.80       | 11.98 | 35.90       | 13.53 | 35.90       | 13.52 | 35.30       | 13.67 |
|        | 48                               | 20.20                        | 7.49 | 23.40       | 8.56 | 30.10       | 11.37 | 32.20       | 12.46 | 32.20       | 12.46 | 32.20       | 12.48 | 31.90       | 12.61 |
|        | 50                               | 20.20                        | 7.95 | 23.50       | 8.96 | 28.90       | 11.38 | 28.90       | 11.37 | 28.90       | 11.36 | 28.80       | 11.36 | 28.40       | 11.45 |
|        | 52                               | 20.20                        | 8.45 | 23.40       | 8.77 | 25.70       | 9.74  | 25.80       | 9.73  | 25.80       | 9.74  | 25.70       | 9.72  | 25.40       | 9.83  |
| 90     | 10                               | 5.80                         | 0.38 | 9.30        | 0.61 | 13.10       | 0.86  | 14.10       | 0.92  | 15.00       | 0.98  | 15.90       | 1.05  | 16.90       | 1.12  |
|        | 12                               | 5.80                         | 0.34 | 9.30        | 0.60 | 13.10       | 0.86  | 14.10       | 0.92  | 15.00       | 0.99  | 15.90       | 1.05  | 16.90       | 1.13  |
|        | 14                               | 5.80                         | 0.33 | 9.30        | 0.58 | 13.10       | 0.86  | 14.10       | 0.93  | 15.00       | 0.99  | 15.90       | 1.06  | 16.90       | 1.14  |
|        | 16                               | 5.80                         | 0.31 | 9.30        | 0.55 | 13.10       | 0.85  | 14.10       | 0.93  | 15.00       | 1.00  | 15.90       | 1.06  | 16.90       | 1.15  |
|        | 18                               | 5.80                         | 0.30 | 9.30        | 0.55 | 13.10       | 0.87  | 14.10       | 0.95  | 15.00       | 1.01  | 15.90       | 1.09  | 16.90       | 1.18  |
|        | 20                               | 5.80                         | 0.30 | 9.30        | 0.56 | 13.10       | 0.91  | 14.10       | 0.98  | 15.00       | 1.06  | 15.90       | 1.15  | 16.90       | 1.27  |
|        | 21                               | 6.50                         | 0.36 | 10.00       | 0.64 | 13.80       | 1.05  | 14.70       | 1.14  | 15.60       | 1.25  | 16.50       | 1.35  | 17.50       | 1.57  |
|        | 23                               | 8.10                         | 1.25 | 11.50       | 1.83 | 15.30       | 2.25  | 16.10       | 2.32  | 17.00       | 2.39  | 17.80       | 2.46  | 18.60       | 2.58  |
|        | 25                               | 9.60                         | 1.70 | 13.00       | 2.16 | 16.70       | 2.60  | 17.60       | 2.69  | 18.40       | 2.78  | 19.10       | 2.85  | 19.80       | 2.99  |
|        | 27                               | 11.20                        | 2.08 | 14.50       | 2.61 | 18.20       | 3.07  | 19.00       | 3.17  | 19.80       | 3.28  | 20.40       | 3.35  | 22.10       | 3.69  |
|        | 29                               | 12.90                        | 2.58 | 16.10       | 3.09 | 19.80       | 3.66  | 20.60       | 3.78  | 21.30       | 3.91  | 22.60       | 4.14  | 26.20       | 4.96  |
|        | 31                               | 14.60                        | 3.25 | 17.80       | 3.73 | 21.40       | 4.39  | 22.10       | 4.51  | 24.00       | 4.90  | 26.70       | 5.48  | 30.20       | 6.46  |
|        | 33                               | 16.30                        | 3.88 | 19.40       | 4.40 | 23.00       | 5.19  | 25.40       | 5.72  | 28.20       | 6.44  | 30.80       | 7.15  | 34.30       | 8.37  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 18.10                        | 4.65 | 21.20       | 5.24 | 27.00       | 6.79  | 29.60       | 7.54  | 32.40       | 8.44  | 35.00       | 9.29  | 38.30       | 10.81 |
|        | 37                               | 18.10                        | 4.91 | 21.20       | 5.55 | 27.00       | 7.21  | 29.60       | 8.00  | 32.40       | 8.95  | 35.00       | 9.85  | 38.30       | 11.48 |
|        | 39                               | 18.10                        | 5.20 | 21.20       | 5.88 | 27.00       | 7.65  | 29.60       | 8.49  | 32.40       | 9.50  | 35.00       | 10.47 | 38.30       | 12.21 |
|        | 41                               | 18.10                        | 5.51 | 21.20       | 6.24 | 27.00       | 8.11  | 29.60       | 9.02  | 32.40       | 10.10 | 35.00       | 11.13 | 38.30       | 13.01 |
|        | 43                               | 18.10                        | 5.85 | 21.20       | 6.62 | 27.00       | 8.61  | 29.60       | 9.57  | 32.40       | 10.73 | 35.00       | 11.84 | 38.40       | 13.83 |
|        | 46                               | 18.10                        | 6.39 | 21.20       | 7.24 | 27.00       | 9.42  | 29.50       | 10.48 | 32.40       | 11.78 | 35.00       | 13.04 | 35.30       | 13.66 |
|        | 48                               | 18.10                        | 6.78 | 21.20       | 7.68 | 27.00       | 10.01 | 29.60       | 11.15 | 32.30       | 12.49 | 32.20       | 12.45 | 31.70       | 12.60 |
|        | 50                               | 18.10                        | 7.19 | 21.20       | 8.15 | 27.00       | 10.48 | 28.90       | 11.37 | 28.90       | 11.35 | 28.90       | 11.35 | 28.40       | 11.46 |
|        | 52                               | 18.10                        | 7.64 | 21.10       | 7.87 | 25.80       | 9.74  | 25.80       | 9.73  | 25.80       | 9.75  | 25.70       | 9.72  | 25.30       | 9.81  |
| 80     | 10                               | 5.10                         | 0.34 | 8.20        | 0.54 | 11.70       | 0.76  | 12.50       | 0.82  | 13.30       | 0.87  | 14.20       | 0.93  | 15.10       | 1.00  |
|        | 12                               | 5.10                         | 0.29 | 8.20        | 0.51 | 11.70       | 0.76  | 12.50       | 0.82  | 13.30       | 0.87  | 14.20       | 0.93  | 15.10       | 1.00  |
|        | 14                               | 5.10                         | 0.27 | 8.20        | 0.49 | 11.70       | 0.75  | 12.50       | 0.82  | 13.30       | 0.88  | 14.20       | 0.93  | 15.10       | 1.00  |
|        | 16                               | 5.10                         | 0.26 | 8.20        | 0.47 | 11.70       | 0.71  | 12.50       | 0.80  | 13.30       | 0.88  | 14.20       | 0.94  | 15.10       | 1.01  |
|        | 18                               | 5.10                         | 0.25 | 8.20        | 0.45 | 11.70       | 0.72  | 12.50       | 0.81  | 13.30       | 0.89  | 14.20       | 0.95  | 15.10       | 1.04  |
|        | 20                               | 5.10                         | 0.25 | 8.20        | 0.47 | 11.70       | 0.75  | 12.50       | 0.84  | 13.30       | 0.92  | 14.20       | 0.99  | 15.10       | 1.10  |
|        | 21                               | 5.80                         | 0.29 | 8.90        | 0.53 | 12.30       | 0.86  | 13.10       | 0.96  | 13.90       | 1.06  | 14.70       | 1.14  | 15.60       | 1.31  |
|        | 23                               | 7.20                         | 0.89 | 10.20       | 1.53 | 13.60       | 2.05  | 14.30       | 2.17  | 15.10       | 2.23  | 15.80       | 2.29  | 16.60       | 2.39  |
|        | 25                               | 8.50                         | 1.54 | 11.50       | 1.93 | 14.90       | 2.42  | 15.60       | 2.49  | 16.40       | 2.56  | 16.90       | 2.62  | 17.60       | 2.74  |
|        | 27                               | 10.00                        | 1.85 | 12.90       | 2.33 | 16.20       | 2.81  | 16.90       | 2.89  | 17.60       | 2.98  | 18.10       | 3.05  | 19.70       | 3.32  |
|        | 29                               | 11.40                        | 2.30 | 14.30       | 2.85 | 17.60       | 3.31  | 18.20       | 3.41  | 19.00       | 3.52  | 20.10       | 3.71  | 23.30       | 4.37  |
|        | 31                               | 12.90                        | 2.91 | 15.80       | 3.38 | 19.00       | 3.95  | 19.60       | 4.06  | 21.30       | 4.37  | 23.80       | 4.85  | 26.90       | 5.65  |
|        | 33                               | 14.50                        | 3.55 | 17.30       | 3.98 | 20.50       | 4.63  | 22.50       | 5.07  | 25.10       | 5.66  | 27.40       | 6.24  | 30.50       | 7.23  |
|        | 35                               | 16.10                        | 4.20 | 18.80       | 4.69 | 24.00       | 5.97  | 26.30       | 6.58  | 28.90       | 7.31  | 31.10       | 8.00  | 34.10       | 9.23  |
|        | 37                               | 16.10                        | 4.44 | 18.80       | 4.96 | 24.00       | 6.33  | 26.30       | 6.98  | 28.90       | 7.76  | 31.10       | 8.50  | 34.10       | 9.80  |
|        | 39                               | 16.10                        | 4.69 | 18.80       | 5.26 | 24.00       | 6.71  | 26.30       | 7.41  | 28.90       | 8.24  | 31.10       | 9.01  | 34.10       | 10.41 |
|        | 41                               | 16.10                        | 4.97 | 18.80       | 5.57 | 24.00       | 7.12  | 26.30       | 7.86  | 28.90       | 8.74  | 31.10       | 9.57  | 34.10       | 11.06 |
|        | 43                               | 16.10                        | 5.27 | 18.80       | 5.91 | 24.00       | 7.56  | 26.30       | 8.35  | 28.90       | 9.28  | 31.10       | 10.17 | 34.10       | 11.77 |
|        | 46                               | 16.10                        | 5.75 | 18.80       | 6.46 | 24.00       | 8.26  | 26.30       | 9.13  | 28.90       | 10.16 | 31.10       | 11.15 | 34.00       | 12.96 |
|        | 48                               | 16.10                        | 6.11 | 18.80       | 6.85 | 24.00       | 8.78  | 26.30       | 9.70  | 28.80       | 10.81 | 31.10       | 11.88 | 31.80       | 12.63 |
|        | 50                               | 16.10                        | 6.48 | 18.80       | 7.28 | 24.00       | 9.18  | 26.30       | 10.15 | 28.80       | 11.33 | 29.00       | 11.37 | 28.40       | 11.47 |
|        | 52                               | 16.10                        | 6.88 | 18.80       | 7.73 | 24.10       | 8.99  | 25.80       | 9.75  | 25.70       | 9.74  | 25.70       | 9.73  | 25.40       | 9.83  |
| 70     | 10                               | 4.50                         | 0.30 | 7.20        | 0.47 | 10.20       | 0.67  | 10.90       | 0.71  | 11.60       | 0.76  | 12.40       | 0.81  | 13.20       | 0.87  |
|        | 12                               | 4.50                         | 0.23 | 7.20        | 0.42 | 10.20       | 0.67  | 10.90       | 0.72  | 11.60       | 0.76  | 12.40       | 0.81  | 13.20       | 0.87  |
|        | 14                               | 4.50                         | 0.23 | 7.20        | 0.41 | 10.20       | 0.63  | 10.90       | 0.69  | 11.60       | 0.75  | 12.40       | 0.81  | 13.20       | 0.88  |
|        | 16                               | 4.50                         | 0.22 | 7.20        | 0.38 | 10.20       | 0.59  | 10.90       | 0.65  | 11.60       | 0.72  | 12.40       | 0.79  | 13.20       | 0.87  |
|        | 18                               | 4.50                         | 0.21 | 7.20        | 0.37 | 10.20       | 0.59  | 10.90       | 0.66  | 11.60       | 0.73  | 12.40       | 0.80  | 13.20       | 0.88  |
|        | 20                               | 4.50                         | 0.20 | 7.20        | 0.37 | 10.20       | 0.61  | 10.90       | 0.68  | 11.60       | 0.75  | 12.40       | 0.83  | 13.20       | 0.93  |
|        | 21                               | 5.10                         | 0.23 | 7.80        | 0.42 | 10.80       | 0.68  | 11.40       | 0.77  | 12.20       | 0.85  | 12.90       | 0.94  | 13.60       | 1.08  |
|        | 23                               | 6.30                         | 0.61 | 8.90        | 1.04 | 11.90       | 1.83  | 12.50       | 1.93  | 13.20       | 2.04  | 13.80       | 2.13  | 14.50       | 2.22  |
|        | 25                               | 7.50                         | 1.36 | 10.10       | 1.70 | 13.00       | 2.12  | 13.60       | 2.25  | 14.30       | 2.36  | 14.80       | 2.41  | 15.40       | 2.51  |
|        | 27                               | 8.80                         | 1.63 | 11.30       | 2.04 | 14.20       | 2.53  | 14.80       | 2.64  | 15.40       | 2.72  | 15.80       | 2.76  | 17.20       | 2.98  |
|        | 29                               | 10.00                        | 2.00 | 12.50       | 2.48 | 15.40       | 3.00  | 16.00       | 3.08  | 16.60       | 3.16  | 17.60       | 3.31  | 20.40       | 3.83  |
|        | 31                               | 11.40                        | 2.52 | 13.80       | 3.07 | 16.70       | 3.53  | 17.20       | 3.62  | 18.60       | 3.89  | 20.80       | 4.27  | 23.50       | 4.91  |
|        | 33                               | 12.70                        | 3.23 | 15.10       | 3.59 | 17.90       | 4.11  | 19.70       | 4.47  | 21.90       | 4.94  | 24.00       | 5.41  | 26.70       | 6.20  |
|        | 35                               | 14.10                        | 3.78 | 16.40       | 4.18 | 21.00       | 5.22  | 23.00       | 5.71  | 25.20       | 6.29  | 27.20       | 6.84  | 29.80       | 7.81  |
|        | 37                               | 14.10                        | 3.99 | 16.40       | 4.42 | 21.00       | 5.52  | 23.00       | 6.05  | 25.20       | 6.67  | 27.20       | 7.25  | 29.80       | 8.29  |
|        | 39                               | 14.10                        | 4.21 | 16.40       | 4.67 | 21.00       | 5.85  | 23.00       | 6.41  | 25.20       | 7.08  | 27.20       | 7.70  | 29.80       | 8.80  |
|        | 41                               | 14.10                        | 4.45 | 16.40       | 4.95 | 21.00       | 6.21  | 23.00       | 6.81  | 25.20       | 7.51  | 27.20       | 8.17  | 29.80       | 9.34  |
|        | 43                               | 14.10                        | 4.72 | 16.40       | 5.25 | 21.00       | 6.59  | 23.00       | 7.22  | 25.20       | 7.97  | 27.20       | 8.67  | 29.80       | 9.92  |
|        | 46                               | 14.10                        | 5.15 | 16.40       | 5.73 | 21.00       | 7.20  | 23.00       | 7.89  | 25.20       | 8.72  | 27.20       | 9.49  | 29.80       | 10.88 |
|        | 48                               | 14.10                        | 5.47 | 16.40       | 6.08 | 21.00       | 7.64  | 23.00       | 8.38  | 25.20       | 9.26  | 27.20       | 10.09 | 29.80       | 11.58 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |      |             |      |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |      | 28.0 / 20.0 |      | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    |
| 70     | 50                              | 14.10                        | 5.80 | 16.40       | 6.46 | 21.00       | 8.11 | 23.00       | 8.79 | 25.30       | 9.69 | 27.20       | 10.56 | 28.50       | 11.49 |
|        | 52                              | 14.10                        | 6.16 | 16.40       | 6.85 | 21.00       | 7.82 | 23.00       | 8.58 | 25.20       | 9.50 | 25.80       | 9.74  | 25.40       | 9.83  |
| 60     | 10                              | 3.80                         | 0.25 | 6.20        | 0.40 | 8.70        | 0.57 | 9.40        | 0.61 | 10.00       | 0.65 | 10.60       | 0.69  | 11.30       | 0.74  |
|        | 12                              | 3.80                         | 0.23 | 6.20        | 0.33 | 8.70        | 0.53 | 9.40        | 0.58 | 10.00       | 0.65 | 10.60       | 0.69  | 11.30       | 0.75  |
|        | 14                              | 3.80                         | 0.18 | 6.20        | 0.32 | 8.70        | 0.51 | 9.40        | 0.56 | 10.00       | 0.61 | 10.60       | 0.66  | 11.30       | 0.72  |
|        | 16                              | 3.80                         | 0.18 | 6.20        | 0.31 | 8.70        | 0.48 | 9.40        | 0.53 | 10.00       | 0.58 | 10.60       | 0.63  | 11.30       | 0.68  |
|        | 18                              | 3.80                         | 0.17 | 6.20        | 0.30 | 8.70        | 0.46 | 9.40        | 0.51 | 10.00       | 0.57 | 10.60       | 0.63  | 11.30       | 0.70  |
|        | 20                              | 3.80                         | 0.16 | 6.20        | 0.29 | 8.70        | 0.47 | 9.40        | 0.53 | 10.00       | 0.59 | 10.60       | 0.66  | 11.30       | 0.73  |
|        | 21                              | 4.30                         | 0.18 | 6.60        | 0.32 | 9.20        | 0.52 | 9.80        | 0.59 | 10.40       | 0.66 | 11.00       | 0.72  | 11.70       | 0.83  |
|        | 23                              | 5.40                         | 0.41 | 7.60        | 0.69 | 10.20       | 1.47 | 10.70       | 1.69 | 11.30       | 1.77 | 11.90       | 1.87  | 12.40       | 1.96  |
|        | 25                              | 6.40                         | 1.19 | 8.60        | 1.48 | 11.20       | 1.84 | 11.70       | 1.94 | 12.30       | 2.05 | 12.70       | 2.13  | 13.20       | 2.25  |
|        | 27                              | 7.50                         | 1.41 | 9.70        | 1.76 | 12.20       | 2.16 | 12.70       | 2.29 | 13.20       | 2.40 | 13.60       | 2.50  | 14.80       | 2.68  |
|        | 29                              | 8.60                         | 1.73 | 10.70       | 2.13 | 13.20       | 2.61 | 13.70       | 2.76 | 14.20       | 2.83 | 15.10       | 2.95  | 17.50       | 3.35  |
|        | 31                              | 9.70                         | 2.15 | 11.80       | 2.64 | 14.20       | 3.14 | 14.70       | 3.21 | 16.00       | 3.42 | 17.80       | 3.74  | 20.20       | 4.24  |
|        | 33                              | 10.90                        | 2.78 | 12.90       | 3.22 | 15.30       | 3.63 | 16.90       | 3.92 | 18.80       | 4.29 | 20.60       | 4.65  | 22.90       | 5.26  |
|        | 35                              | 12.10                        | 3.39 | 14.00       | 3.71 | 18.00       | 4.52 | 19.70       | 4.91 | 21.60       | 5.36 | 23.30       | 5.79  | 25.60       | 6.54  |
|        | 37                              | 12.10                        | 3.57 | 14.00       | 3.91 | 18.00       | 4.78 | 19.70       | 5.20 | 21.60       | 5.68 | 23.30       | 6.13  | 25.60       | 6.94  |
|        | 39                              | 12.10                        | 3.77 | 14.00       | 4.13 | 18.00       | 5.06 | 19.70       | 5.51 | 21.60       | 6.02 | 23.30       | 6.50  | 25.60       | 7.36  |
|        | 41                              | 12.10                        | 3.98 | 14.00       | 4.37 | 18.00       | 5.37 | 19.70       | 5.84 | 21.60       | 6.39 | 23.30       | 6.90  | 25.60       | 7.81  |
|        | 43                              | 12.10                        | 4.20 | 14.00       | 4.63 | 18.00       | 5.69 | 19.70       | 6.19 | 21.60       | 6.78 | 23.30       | 7.32  | 25.60       | 8.29  |
|        | 46                              | 12.10                        | 4.58 | 14.00       | 5.05 | 18.00       | 6.22 | 19.70       | 6.77 | 21.60       | 7.41 | 23.30       | 8.00  | 25.60       | 9.06  |
|        | 48                              | 12.10                        | 4.87 | 14.00       | 5.35 | 18.00       | 6.59 | 19.70       | 7.18 | 21.60       | 7.86 | 23.30       | 8.50  | 25.60       | 9.63  |
|        | 50                              | 12.10                        | 5.16 | 14.00       | 5.69 | 18.00       | 7.00 | 19.70       | 7.62 | 21.60       | 8.35 | 23.30       | 9.02  | 25.60       | 10.08 |
|        | 52                              | 12.10                        | 5.49 | 14.00       | 6.04 | 18.00       | 7.43 | 19.70       | 8.09 | 21.70       | 8.05 | 23.30       | 8.71  | 25.50       | 9.84  |
| 50     | 10                              | 3.20                         | 0.22 | 5.20        | 0.33 | 7.30        | 0.47 | 7.80        | 0.51 | 8.30        | 0.54 | 8.90        | 0.58  | 9.40        | 0.62  |
|        | 12                              | 3.20                         | 0.21 | 5.20        | 0.29 | 7.30        | 0.40 | 7.80        | 0.45 | 8.30        | 0.49 | 8.90        | 0.54  | 9.40        | 0.59  |
|        | 14                              | 3.20                         | 0.14 | 5.20        | 0.24 | 7.30        | 0.38 | 7.80        | 0.43 | 8.30        | 0.47 | 8.90        | 0.52  | 9.40        | 0.56  |
|        | 16                              | 3.20                         | 0.14 | 5.20        | 0.24 | 7.30        | 0.37 | 7.80        | 0.41 | 8.30        | 0.45 | 8.90        | 0.50  | 9.40        | 0.54  |
|        | 18                              | 3.20                         | 0.13 | 5.20        | 0.23 | 7.30        | 0.35 | 7.80        | 0.39 | 8.30        | 0.43 | 8.90        | 0.47  | 9.40        | 0.52  |
|        | 20                              | 3.20                         | 0.13 | 5.20        | 0.22 | 7.30        | 0.35 | 7.80        | 0.39 | 8.30        | 0.44 | 8.90        | 0.48  | 9.40        | 0.54  |
|        | 21                              | 3.60                         | 0.14 | 5.60        | 0.24 | 7.70        | 0.38 | 8.20        | 0.43 | 8.70        | 0.48 | 9.20        | 0.53  | 9.70        | 0.60  |
|        | 23                              | 4.50                         | 0.26 | 6.40        | 0.44 | 8.50        | 0.87 | 9.00        | 1.02 | 9.50        | 1.20 | 9.90        | 1.38  | 10.40       | 1.68  |
|        | 25                              | 5.40                         | 1.04 | 7.20        | 1.26 | 9.30        | 1.54 | 9.80        | 1.63 | 10.20       | 1.73 | 10.60       | 1.80  | 11.00       | 1.90  |
|        | 27                              | 6.30                         | 1.20 | 8.10        | 1.47 | 10.20       | 1.82 | 10.60       | 1.91 | 11.00       | 2.02 | 11.30       | 2.11  | 12.30       | 2.27  |
|        | 29                              | 7.20                         | 1.45 | 9.00        | 1.78 | 11.00       | 2.16 | 11.40       | 2.29 | 11.90       | 2.42 | 12.60       | 2.55  | 14.60       | 2.93  |
|        | 31                              | 8.10                         | 1.79 | 9.90        | 2.17 | 11.90       | 2.67 | 12.30       | 2.79 | 13.30       | 2.99 | 14.80       | 3.23  | 16.80       | 3.63  |
|        | 33                              | 9.10                         | 2.30 | 10.80       | 2.76 | 12.80       | 3.19 | 14.10       | 3.41 | 15.70       | 3.69 | 17.10       | 3.96  | 19.10       | 4.42  |
|        | 35                              | 10.10                        | 2.94 | 11.80       | 3.26 | 15.00       | 3.89 | 16.40       | 4.18 | 18.00       | 4.52 | 19.40       | 4.84  | 21.30       | 5.40  |
|        | 37                              | 10.10                        | 3.14 | 11.80       | 3.43 | 15.00       | 4.10 | 16.40       | 4.42 | 18.00       | 4.78 | 19.40       | 5.12  | 21.30       | 5.72  |
|        | 39                              | 10.10                        | 3.30 | 11.80       | 3.61 | 15.00       | 4.34 | 16.40       | 4.68 | 18.00       | 5.07 | 19.40       | 5.43  | 21.30       | 6.07  |
|        | 41                              | 10.10                        | 3.47 | 11.80       | 3.82 | 15.00       | 4.59 | 16.40       | 4.95 | 18.00       | 5.37 | 19.40       | 5.76  | 21.30       | 6.44  |
|        | 43                              | 10.10                        | 3.67 | 11.80       | 4.04 | 15.00       | 4.87 | 16.40       | 5.24 | 18.00       | 5.69 | 19.40       | 6.10  | 21.30       | 6.83  |
|        | 46                              | 10.10                        | 4.00 | 11.80       | 4.41 | 15.00       | 5.32 | 16.40       | 5.73 | 18.00       | 6.22 | 19.40       | 6.67  | 21.30       | 7.47  |
|        | 48                              | 10.10                        | 4.25 | 11.80       | 4.68 | 15.00       | 5.64 | 16.40       | 6.08 | 18.00       | 6.60 | 19.40       | 7.08  | 21.30       | 7.93  |
|        | 50                              | 10.10                        | 4.52 | 11.80       | 4.97 | 15.00       | 5.99 | 16.40       | 6.46 | 18.00       | 7.00 | 19.40       | 7.51  | 21.30       | 8.41  |
|        | 52                              | 10.10                        | 4.82 | 11.80       | 5.28 | 15.00       | 6.35 | 16.40       | 6.86 | 18.00       | 7.44 | 19.40       | 7.98  | 21.30       | 8.93  |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM160LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 9.50                         | 0.71  | 15.30       | 1.15  | 21.70       | 1.67  | 23.20       | 1.81  | 24.70       | 1.84  | 26.30       | 2.00  | 28.00       | 2.18  |
|        | 12                         | 9.50                         | 0.71  | 15.30       | 1.15  | 21.70       | 1.68  | 23.20       | 1.82  | 24.70       | 1.90  | 26.30       | 2.06  | 28.00       | 2.25  |
|        | 14                         | 9.50                         | 0.69  | 15.30       | 1.15  | 21.70       | 1.69  | 23.20       | 1.83  | 24.70       | 1.98  | 26.30       | 2.14  | 28.00       | 2.33  |
|        | 16                         | 9.50                         | 0.68  | 15.30       | 1.15  | 21.70       | 1.72  | 23.20       | 1.87  | 24.70       | 2.03  | 26.30       | 2.19  | 28.00       | 2.40  |
|        | 18                         | 9.50                         | 0.68  | 15.30       | 1.16  | 21.70       | 1.79  | 23.20       | 1.95  | 24.70       | 2.13  | 26.30       | 2.31  | 28.00       | 2.58  |
|        | 20                         | 9.50                         | 0.70  | 15.30       | 1.22  | 21.70       | 1.96  | 23.20       | 2.16  | 24.70       | 2.38  | 26.30       | 2.63  | 28.00       | 3.06  |
|        | 21                         | 10.80                        | 0.86  | 16.50       | 1.49  | 22.80       | 2.57  | 24.30       | 2.88  | 25.80       | 3.23  | 27.30       | 3.45  | 28.90       | 3.72  |
|        | 23                         | 13.30                        | 2.23  | 18.90       | 2.79  | 25.20       | 3.60  | 26.60       | 3.79  | 28.10       | 4.00  | 29.40       | 4.20  | 30.80       | 4.53  |
|        | 25                         | 15.90                        | 2.77  | 21.40       | 3.36  | 27.70       | 4.47  | 29.00       | 4.71  | 30.40       | 4.97  | 31.50       | 5.19  | 32.70       | 5.58  |
|        | 27                         | 18.60                        | 3.40  | 24.00       | 4.28  | 30.20       | 5.63  | 31.40       | 5.92  | 32.80       | 6.25  | 33.60       | 6.46  | 36.50       | 7.46  |
|        | 29                         | 21.30                        | 4.33  | 26.60       | 5.53  | 32.70       | 7.02  | 33.90       | 7.35  | 35.10       | 7.69  | 37.30       | 8.31  | 43.30       | 10.51 |
|        | 31                         | 24.10                        | 5.50  | 29.30       | 6.83  | 35.40       | 8.61  | 36.50       | 8.97  | 39.60       | 10.04 | 44.10       | 11.72 | 49.90       | 14.19 |
|        | 33                         | 27.00                        | 6.97  | 32.10       | 8.46  | 38.10       | 10.57 | 41.90       | 12.09 | 46.60       | 14.04 | 51.00       | 15.40 | 56.60       | 17.32 |
|        | 35                         | 29.90                        | 8.85  | 34.90       | 10.47 | 44.60       | 14.57 | 48.90       | 15.94 | 53.50       | 17.39 | 57.70       | 18.57 | 59.10       | 18.97 |
|        | 37                         | 29.90                        | 9.41  | 34.90       | 11.12 | 44.60       | 15.36 | 48.80       | 16.80 | 53.50       | 18.34 | 57.70       | 19.62 | 58.20       | 19.80 |
|        | 39                         | 29.90                        | 10.00 | 34.90       | 11.83 | 44.60       | 16.22 | 48.90       | 17.75 | 53.60       | 19.43 | 56.00       | 20.30 | 55.20       | 20.88 |
|        | 41                         | 29.90                        | 10.62 | 34.90       | 12.58 | 44.60       | 17.14 | 48.90       | 18.80 | 51.80       | 19.98 | 51.80       | 19.98 | 51.00       | 20.02 |
|        | 43                         | 29.90                        | 11.02 | 34.90       | 12.77 | 44.60       | 17.29 | 47.80       | 18.55 | 47.70       | 18.55 | 47.60       | 18.53 | 47.00       | 18.60 |
|        | 46                         | 29.90                        | 11.26 | 34.90       | 13.24 | 41.70       | 16.59 | 41.70       | 16.59 | 41.70       | 16.59 | 41.70       | 16.57 | 41.10       | 16.67 |
|        | 48                         | 29.90                        | 11.66 | 34.80       | 13.88 | 37.90       | 15.61 | 37.90       | 15.65 | 38.60       | 15.95 | 37.80       | 15.60 | 37.30       | 15.72 |
|        | 50                         | 29.90                        | 12.13 | 34.30       | 14.18 | 34.30       | 14.19 | 34.40       | 14.21 | 34.30       | 14.16 | 34.30       | 14.18 | 33.80       | 14.35 |
|        | 52                         | 29.80                        | 12.26 | 30.90       | 12.47 | 30.90       | 12.46 | 30.90       | 12.42 | 31.00       | 12.46 | 30.90       | 12.47 | 30.50       | 12.60 |
| 120    | 10                         | 8.80                         | 0.65  | 14.10       | 1.05  | 20.00       | 1.52  | 21.40       | 1.65  | 22.80       | 1.77  | 24.30       | 1.84  | 25.80       | 1.96  |
|        | 12                         | 8.80                         | 0.66  | 14.10       | 1.06  | 20.00       | 1.53  | 21.40       | 1.65  | 22.80       | 1.78  | 24.30       | 1.88  | 25.80       | 2.02  |
|        | 14                         | 8.80                         | 0.62  | 14.10       | 1.06  | 20.00       | 1.54  | 21.40       | 1.67  | 22.80       | 1.80  | 24.30       | 1.94  | 25.80       | 2.11  |
|        | 16                         | 8.80                         | 0.61  | 14.10       | 1.05  | 20.00       | 1.56  | 21.40       | 1.70  | 22.80       | 1.84  | 24.30       | 1.98  | 25.80       | 2.17  |
|        | 18                         | 8.80                         | 0.62  | 14.10       | 1.07  | 20.00       | 1.62  | 21.40       | 1.76  | 22.80       | 1.91  | 24.30       | 2.08  | 25.80       | 2.30  |
|        | 20                         | 8.80                         | 0.63  | 14.10       | 1.10  | 20.00       | 1.75  | 21.40       | 1.92  | 22.80       | 2.11  | 24.30       | 2.32  | 25.80       | 2.68  |
|        | 21                         | 10.00                        | 0.75  | 15.20       | 1.33  | 21.10       | 2.23  | 22.40       | 2.49  | 23.90       | 2.78  | 25.20       | 3.09  | 26.70       | 3.44  |
|        | 23                         | 12.30                        | 2.10  | 17.50       | 2.66  | 23.30       | 3.34  | 24.60       | 3.51  | 25.90       | 3.69  | 27.10       | 3.86  | 28.40       | 4.14  |
|        | 25                         | 14.70                        | 2.58  | 19.80       | 3.17  | 25.50       | 4.11  | 26.70       | 4.31  | 28.10       | 4.54  | 29.00       | 4.72  | 30.20       | 5.05  |
|        | 27                         | 17.10                        | 3.22  | 22.10       | 3.90  | 27.80       | 5.12  | 29.00       | 5.37  | 30.20       | 5.65  | 31.00       | 5.83  | 33.70       | 6.67  |
|        | 29                         | 19.60                        | 4.02  | 24.60       | 4.92  | 30.20       | 6.38  | 31.30       | 6.66  | 32.50       | 6.96  | 34.40       | 7.49  | 39.90       | 9.37  |
|        | 31                         | 22.20                        | 5.07  | 27.00       | 6.15  | 32.60       | 7.78  | 33.60       | 8.09  | 36.60       | 9.01  | 40.70       | 10.44 | 46.10       | 12.89 |
|        | 33                         | 24.90                        | 6.31  | 29.60       | 7.67  | 35.10       | 9.50  | 38.60       | 10.80 | 43.00       | 12.57 | 47.00       | 14.18 | 52.30       | 16.05 |
|        | 35                         | 27.60                        | 8.04  | 32.20       | 9.45  | 41.20       | 13.15 | 45.00       | 14.72 | 49.40       | 16.12 | 53.30       | 17.32 | 57.80       | 18.71 |
|        | 37                         | 27.60                        | 8.55  | 32.20       | 10.04 | 41.20       | 13.99 | 45.10       | 15.53 | 49.40       | 17.00 | 53.30       | 18.27 | 56.90       | 19.52 |
|        | 39                         | 27.60                        | 9.08  | 32.20       | 10.67 | 41.20       | 14.90 | 45.10       | 16.39 | 49.40       | 17.96 | 53.30       | 19.33 | 55.20       | 20.49 |
|        | 41                         | 27.60                        | 9.65  | 32.20       | 11.34 | 41.20       | 15.81 | 45.10       | 17.32 | 49.40       | 19.03 | 51.80       | 19.98 | 51.10       | 20.02 |
|        | 43                         | 27.60                        | 10.26 | 32.20       | 11.50 | 41.20       | 15.93 | 45.10       | 17.48 | 47.70       | 18.53 | 47.70       | 18.53 | 46.90       | 18.60 |
|        | 46                         | 27.60                        | 10.56 | 32.20       | 11.89 | 41.20       | 16.37 | 41.70       | 16.59 | 41.70       | 16.58 | 41.70       | 16.59 | 41.10       | 16.67 |
|        | 48                         | 27.60                        | 10.93 | 32.20       | 12.44 | 37.80       | 15.62 | 37.90       | 15.62 | 37.90       | 15.64 | 37.90       | 15.61 | 37.40       | 15.74 |
|        | 50                         | 27.60                        | 11.09 | 32.20       | 12.99 | 34.40       | 14.23 | 34.40       | 14.22 | 34.20       | 14.19 | 33.40       | 13.91 | 33.80       | 14.37 |
|        | 52                         | 27.60                        | 11.08 | 30.90       | 12.44 | 30.90       | 12.44 | 30.90       | 12.45 | 30.90       | 12.46 | 30.90       | 12.44 | 30.50       | 12.62 |
| 110    | 10                         | 8.10                         | 0.60  | 12.90       | 0.96  | 18.30       | 1.38  | 19.60       | 1.49  | 20.90       | 1.60  | 22.30       | 1.72  | 23.70       | 1.86  |
|        | 12                         | 8.10                         | 0.59  | 12.90       | 0.96  | 18.30       | 1.38  | 19.60       | 1.50  | 20.90       | 1.61  | 22.30       | 1.73  | 23.70       | 1.88  |
|        | 14                         | 8.10                         | 0.55  | 12.90       | 0.95  | 18.30       | 1.39  | 19.60       | 1.51  | 20.90       | 1.63  | 22.30       | 1.75  | 23.70       | 1.90  |
|        | 16                         | 8.10                         | 0.54  | 12.90       | 0.95  | 18.30       | 1.40  | 19.60       | 1.53  | 20.90       | 1.65  | 22.30       | 1.78  | 23.70       | 1.95  |
|        | 18                         | 8.10                         | 0.54  | 12.90       | 0.95  | 18.30       | 1.43  | 19.60       | 1.58  | 20.90       | 1.71  | 22.30       | 1.85  | 23.70       | 2.05  |
|        | 20                         | 8.10                         | 0.55  | 12.90       | 0.98  | 18.30       | 1.55  | 19.60       | 1.70  | 20.90       | 1.86  | 22.30       | 2.04  | 23.70       | 2.33  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 9.10                         | 0.66  | 14.00       | 1.16  | 19.30       | 1.93  | 20.60       | 2.14  | 21.80       | 2.38  | 23.10       | 2.63  | 24.40       | 3.18  |
|        | 23                               | 11.30                        | 1.95  | 16.00       | 2.48  | 21.30       | 3.11  | 22.50       | 3.25  | 23.70       | 3.41  | 24.90       | 3.55  | 26.00       | 3.79  |
|        | 25                               | 13.50                        | 2.39  | 18.10       | 3.00  | 23.40       | 3.71  | 24.60       | 3.95  | 25.70       | 4.14  | 26.60       | 4.29  | 27.70       | 4.58  |
|        | 27                               | 15.70                        | 2.99  | 20.30       | 3.60  | 25.50       | 4.65  | 26.60       | 4.86  | 27.70       | 5.09  | 28.40       | 5.25  | 30.90       | 5.96  |
|        | 29                               | 18.00                        | 3.71  | 22.50       | 4.48  | 27.70       | 5.78  | 28.70       | 6.02  | 29.70       | 6.28  | 31.60       | 6.73  | 36.60       | 8.33  |
|        | 31                               | 20.40                        | 4.63  | 24.80       | 5.58  | 29.90       | 7.00  | 30.90       | 7.27  | 33.50       | 8.05  | 37.40       | 9.27  | 42.20       | 11.32 |
|        | 33                               | 22.80                        | 5.76  | 27.10       | 6.86  | 32.20       | 8.51  | 35.40       | 9.61  | 39.40       | 11.11 | 43.10       | 12.61 | 47.90       | 14.71 |
|        | 35                               | 25.30                        | 7.14  | 29.50       | 8.49  | 37.70       | 11.64 | 41.30       | 13.22 | 45.30       | 14.80 | 48.80       | 15.94 | 53.50       | 17.62 |
|        | 37                               | 25.30                        | 7.73  | 29.50       | 9.01  | 37.70       | 12.37 | 41.30       | 14.06 | 45.30       | 15.60 | 48.90       | 16.80 | 53.50       | 18.58 |
|        | 39                               | 25.30                        | 8.22  | 29.50       | 9.58  | 37.70       | 13.16 | 41.30       | 14.98 | 45.30       | 16.47 | 48.80       | 17.76 | 53.50       | 19.68 |
|        | 41                               | 25.30                        | 8.73  | 29.50       | 10.18 | 37.70       | 14.02 | 41.30       | 15.87 | 45.30       | 17.41 | 48.80       | 18.80 | 51.10       | 20.02 |
|        | 43                               | 25.30                        | 9.28  | 29.50       | 10.32 | 37.70       | 14.24 | 41.30       | 15.98 | 45.30       | 17.58 | 47.70       | 18.55 | 47.10       | 18.63 |
|        | 46                               | 25.30                        | 9.81  | 29.50       | 10.69 | 37.70       | 14.82 | 41.30       | 16.43 | 41.70       | 16.60 | 41.60       | 16.58 | 41.00       | 16.67 |
|        | 48                               | 25.30                        | 10.17 | 29.50       | 11.14 | 37.70       | 15.56 | 37.90       | 15.63 | 37.90       | 15.64 | 37.90       | 15.63 | 37.40       | 15.72 |
|        | 50                               | 25.30                        | 10.36 | 29.50       | 11.59 | 34.30       | 14.19 | 34.30       | 14.18 | 34.30       | 14.21 | 34.30       | 14.19 | 33.80       | 14.38 |
|        | 52                               | 25.30                        | 10.01 | 29.50       | 11.69 | 30.90       | 12.45 | 30.80       | 12.41 | 30.90       | 12.47 | 30.40       | 12.24 | 30.50       | 12.59 |
| 100    | 10                               | 7.30                         | 0.54  | 11.80       | 0.87  | 16.70       | 1.25  | 17.80       | 1.34  | 19.00       | 1.44  | 20.20       | 1.54  | 21.50       | 1.67  |
|        | 12                               | 7.30                         | 0.51  | 11.80       | 0.87  | 16.70       | 1.25  | 17.80       | 1.35  | 19.00       | 1.44  | 20.20       | 1.55  | 21.50       | 1.68  |
|        | 14                               | 7.30                         | 0.49  | 11.80       | 0.83  | 16.70       | 1.26  | 17.80       | 1.35  | 19.00       | 1.45  | 20.20       | 1.57  | 21.50       | 1.70  |
|        | 16                               | 7.30                         | 0.46  | 11.80       | 0.83  | 16.70       | 1.26  | 17.80       | 1.37  | 19.00       | 1.47  | 20.20       | 1.59  | 21.50       | 1.73  |
|        | 18                               | 7.30                         | 0.46  | 11.80       | 0.84  | 16.70       | 1.28  | 17.80       | 1.39  | 19.00       | 1.52  | 20.20       | 1.64  | 21.50       | 1.81  |
|        | 20                               | 7.30                         | 0.48  | 11.80       | 0.86  | 16.70       | 1.35  | 17.80       | 1.48  | 19.00       | 1.63  | 20.20       | 1.78  | 21.50       | 2.02  |
|        | 21                               | 8.30                         | 0.57  | 12.70       | 1.00  | 17.60       | 1.64  | 18.70       | 1.81  | 19.90       | 2.02  | 21.00       | 2.22  | 22.30       | 2.68  |
|        | 23                               | 10.20                        | 1.81  | 14.60       | 2.30  | 19.40       | 2.88  | 20.50       | 2.97  | 21.60       | 3.14  | 22.60       | 3.26  | 23.70       | 3.46  |
|        | 25                               | 12.20                        | 2.18  | 16.50       | 2.78  | 21.30       | 3.37  | 22.30       | 3.51  | 23.40       | 3.77  | 24.20       | 3.90  | 25.20       | 4.14  |
|        | 27                               | 14.30                        | 2.72  | 18.40       | 3.32  | 23.20       | 4.09  | 24.20       | 4.39  | 25.20       | 4.59  | 25.80       | 4.72  | 28.10       | 5.31  |
|        | 29                               | 16.40                        | 3.41  | 20.50       | 4.08  | 25.20       | 5.07  | 26.10       | 5.41  | 27.10       | 5.64  | 28.70       | 6.03  | 33.30       | 7.37  |
|        | 31                               | 18.50                        | 4.23  | 22.50       | 5.03  | 27.20       | 6.28  | 28.00       | 6.50  | 30.50       | 7.17  | 33.90       | 8.18  | 38.40       | 9.90  |
|        | 33                               | 20.70                        | 5.19  | 24.70       | 6.13  | 29.30       | 7.58  | 32.20       | 8.51  | 35.80       | 9.76  | 39.10       | 11.01 | 43.60       | 13.19 |
|        | 35                               | 23.00                        | 6.40  | 26.80       | 7.59  | 34.30       | 10.25 | 37.60       | 11.56 | 41.20       | 13.15 | 44.40       | 14.50 | 48.70       | 16.15 |
|        | 37                               | 23.00                        | 6.84  | 26.80       | 8.06  | 34.30       | 10.89 | 37.60       | 12.29 | 41.20       | 13.99 | 44.40       | 15.29 | 48.70       | 17.02 |
|        | 39                               | 23.00                        | 7.41  | 26.80       | 8.56  | 34.30       | 11.58 | 37.60       | 13.07 | 41.20       | 14.91 | 44.40       | 16.14 | 48.70       | 17.98 |
|        | 41                               | 23.00                        | 7.87  | 26.80       | 9.10  | 34.30       | 12.31 | 37.60       | 13.92 | 41.20       | 15.81 | 44.40       | 17.07 | 48.70       | 19.05 |
|        | 43                               | 23.00                        | 8.36  | 26.80       | 9.54  | 34.30       | 12.50 | 37.60       | 14.15 | 41.20       | 15.93 | 44.40       | 17.21 | 47.10       | 18.64 |
|        | 46                               | 23.00                        | 9.04  | 26.80       | 9.75  | 34.30       | 12.95 | 37.60       | 14.72 | 41.10       | 16.37 | 41.60       | 16.58 | 41.10       | 16.69 |
|        | 48                               | 23.00                        | 9.38  | 26.80       | 10.06 | 34.30       | 13.57 | 37.50       | 15.49 | 37.90       | 15.64 | 37.90       | 15.62 | 37.30       | 15.72 |
|        | 50                               | 23.00                        | 9.57  | 26.80       | 10.32 | 34.30       | 14.19 | 34.30       | 14.17 | 34.40       | 14.21 | 34.30       | 14.19 | 33.80       | 14.34 |
|        | 52                               | 23.00                        | 9.28  | 26.90       | 10.41 | 30.40       | 12.25 | 30.90       | 12.45 | 30.90       | 12.44 | 31.00       | 12.47 | 30.50       | 12.59 |
| 90     | 10                               | 6.60                         | 0.49  | 10.60       | 0.78  | 15.00       | 1.12  | 16.00       | 1.20  | 17.10       | 1.28  | 18.20       | 1.37  | 19.40       | 1.48  |
|        | 12                               | 6.60                         | 0.44  | 10.60       | 0.78  | 15.00       | 1.12  | 16.00       | 1.20  | 17.10       | 1.29  | 18.20       | 1.38  | 19.40       | 1.49  |
|        | 14                               | 6.60                         | 0.42  | 10.60       | 0.73  | 15.00       | 1.11  | 16.00       | 1.21  | 17.10       | 1.30  | 18.20       | 1.39  | 19.40       | 1.50  |
|        | 16                               | 6.60                         | 0.40  | 10.60       | 0.71  | 15.00       | 1.11  | 16.00       | 1.22  | 17.10       | 1.31  | 18.20       | 1.39  | 19.40       | 1.53  |
|        | 18                               | 6.60                         | 0.39  | 10.60       | 0.72  | 15.00       | 1.12  | 16.00       | 1.22  | 17.10       | 1.31  | 18.20       | 1.42  | 19.40       | 1.58  |
|        | 20                               | 6.60                         | 0.40  | 10.60       | 0.74  | 15.00       | 1.17  | 16.00       | 1.29  | 17.10       | 1.39  | 18.20       | 1.54  | 19.40       | 1.73  |
|        | 21                               | 7.50                         | 0.48  | 11.40       | 0.85  | 15.80       | 1.38  | 16.80       | 1.54  | 17.90       | 1.69  | 18.90       | 1.86  | 20.00       | 2.21  |
|        | 23                               | 9.20                         | 1.65  | 13.10       | 2.10  | 17.40       | 2.62  | 18.40       | 2.78  | 19.40       | 2.85  | 20.30       | 2.99  | 21.30       | 3.16  |
|        | 25                               | 11.00                        | 1.99  | 14.80       | 2.51  | 19.10       | 3.13  | 20.10       | 3.22  | 21.00       | 3.30  | 21.80       | 3.49  | 22.70       | 3.73  |
|        | 27                               | 12.80                        | 2.43  | 16.60       | 3.09  | 20.90       | 3.69  | 21.70       | 3.83  | 22.60       | 4.02  | 23.30       | 4.23  | 25.30       | 4.72  |
|        | 29                               | 14.70                        | 3.08  | 18.40       | 3.68  | 22.60       | 4.53  | 23.50       | 4.72  | 24.30       | 5.01  | 25.80       | 5.35  | 30.00       | 6.48  |
|        | 31                               | 16.70                        | 3.84  | 20.30       | 4.52  | 24.40       | 5.52  | 25.20       | 5.80  | 27.40       | 6.35  | 30.60       | 7.19  | 34.60       | 8.60  |
|        | 33                               | 18.60                        | 4.69  | 22.20       | 5.47  | 26.30       | 6.71  | 29.00       | 7.49  | 32.20       | 8.53  | 35.30       | 9.56  | 39.20       | 11.33 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 20.70                        | 5.72 | 24.20       | 6.63 | 30.90       | 8.96  | 33.80       | 10.05 | 37.00       | 11.35 | 40.00       | 12.59 | 43.80       | 14.57 |
|        | 37                              | 20.70                        | 6.10 | 24.20       | 7.17 | 30.90       | 9.53  | 33.80       | 10.68 | 37.00       | 12.07 | 40.00       | 13.40 | 43.80       | 15.36 |
|        | 39                              | 20.70                        | 6.53 | 24.20       | 7.62 | 30.90       | 10.12 | 33.80       | 11.35 | 37.00       | 12.83 | 40.00       | 14.27 | 43.80       | 16.22 |
|        | 41                              | 20.70                        | 6.96 | 24.20       | 8.09 | 30.90       | 10.77 | 33.80       | 12.08 | 37.00       | 13.66 | 40.00       | 15.22 | 43.80       | 17.14 |
|        | 43                              | 20.70                        | 7.49 | 24.20       | 8.60 | 30.90       | 10.90 | 33.80       | 12.26 | 37.00       | 13.89 | 39.90       | 15.46 | 43.80       | 17.30 |
|        | 46                              | 20.70                        | 8.20 | 24.20       | 9.01 | 30.90       | 11.31 | 33.80       | 12.69 | 37.10       | 14.43 | 39.90       | 15.86 | 41.10       | 16.70 |
|        | 48                              | 20.70                        | 8.56 | 24.20       | 9.32 | 30.90       | 11.79 | 33.80       | 13.30 | 37.10       | 15.18 | 37.90       | 15.64 | 37.40       | 15.75 |
|        | 50                              | 20.70                        | 8.75 | 24.20       | 9.48 | 30.90       | 12.28 | 33.80       | 13.89 | 34.40       | 14.21 | 34.30       | 14.19 | 33.80       | 14.36 |
|        | 52                              | 20.70                        | 8.48 | 24.10       | 9.23 | 30.90       | 12.42 | 31.00       | 12.44 | 30.90       | 12.43 | 30.90       | 12.46 | 30.40       | 12.59 |
| 80     | 10                              | 5.90                         | 0.44 | 9.40        | 0.69 | 13.30       | 0.99  | 14.30       | 1.06  | 15.20       | 1.13  | 16.20       | 1.21  | 17.20       | 1.30  |
|        | 12                              | 5.90                         | 0.37 | 9.40        | 0.67 | 13.30       | 0.99  | 14.30       | 1.06  | 15.20       | 1.14  | 16.20       | 1.22  | 17.20       | 1.31  |
|        | 14                              | 5.90                         | 0.36 | 9.40        | 0.63 | 13.30       | 0.94  | 14.30       | 1.04  | 15.20       | 1.14  | 16.20       | 1.22  | 17.20       | 1.32  |
|        | 16                              | 5.90                         | 0.34 | 9.40        | 0.59 | 13.30       | 0.94  | 14.30       | 1.04  | 15.20       | 1.14  | 16.20       | 1.22  | 17.20       | 1.33  |
|        | 18                              | 5.90                         | 0.33 | 9.40        | 0.60 | 13.30       | 0.96  | 14.30       | 1.05  | 15.20       | 1.15  | 16.20       | 1.24  | 17.20       | 1.35  |
|        | 20                              | 5.90                         | 0.33 | 9.40        | 0.62 | 13.30       | 0.99  | 14.30       | 1.09  | 15.20       | 1.20  | 16.20       | 1.30  | 17.20       | 1.45  |
|        | 21                              | 6.60                         | 0.39 | 10.20       | 0.70 | 14.10       | 1.14  | 15.00       | 1.27  | 15.90       | 1.40  | 16.80       | 1.53  | 17.80       | 1.78  |
|        | 23                              | 8.20                         | 1.35 | 11.70       | 1.89 | 15.50       | 2.38  | 16.40       | 2.50  | 17.30       | 2.62  | 18.10       | 2.75  | 18.90       | 2.89  |
|        | 25                              | 9.80                         | 1.78 | 13.20       | 2.25 | 17.00       | 2.82  | 17.80       | 2.97  | 18.70       | 3.07  | 19.40       | 3.12  | 20.10       | 3.25  |
|        | 27                              | 11.40                        | 2.16 | 14.80       | 2.73 | 18.60       | 3.35  | 19.30       | 3.46  | 20.10       | 3.58  | 20.70       | 3.67  | 22.50       | 4.05  |
|        | 29                              | 13.10                        | 2.73 | 16.40       | 3.33 | 20.10       | 4.01  | 20.80       | 4.17  | 21.60       | 4.33  | 23.00       | 4.62  | 26.60       | 5.60  |
|        | 31                              | 14.80                        | 3.46 | 18.00       | 4.06 | 21.80       | 4.88  | 22.40       | 5.04  | 24.40       | 5.51  | 27.20       | 6.28  | 30.70       | 7.42  |
|        | 33                              | 16.60                        | 4.19 | 19.70       | 4.85 | 23.40       | 5.83  | 25.70       | 6.48  | 28.70       | 7.39  | 31.40       | 8.23  | 34.80       | 9.66  |
|        | 35                              | 18.40                        | 5.05 | 21.50       | 5.83 | 27.50       | 7.79  | 30.00       | 8.67  | 32.90       | 9.73  | 35.60       | 10.72 | 38.90       | 12.50 |
|        | 37                              | 18.40                        | 5.41 | 21.50       | 6.22 | 27.50       | 8.28  | 30.00       | 9.21  | 32.90       | 10.34 | 35.60       | 11.40 | 38.90       | 13.30 |
|        | 39                              | 18.40                        | 5.76 | 21.50       | 6.73 | 27.50       | 8.79  | 30.00       | 9.79  | 32.90       | 10.98 | 35.60       | 12.12 | 38.90       | 14.15 |
|        | 41                              | 18.40                        | 6.15 | 21.50       | 7.15 | 27.50       | 9.35  | 30.00       | 10.41 | 32.90       | 11.68 | 35.60       | 12.89 | 38.90       | 15.09 |
|        | 43                              | 18.40                        | 6.58 | 21.50       | 7.59 | 27.50       | 9.93  | 30.00       | 10.68 | 32.90       | 11.84 | 35.60       | 13.10 | 38.90       | 15.36 |
|        | 46                              | 18.40                        | 7.32 | 21.50       | 8.20 | 27.50       | 10.10 | 30.00       | 10.93 | 32.90       | 12.28 | 35.50       | 13.58 | 38.90       | 15.76 |
|        | 48                              | 18.40                        | 7.77 | 21.50       | 8.51 | 27.50       | 10.43 | 30.00       | 11.40 | 32.90       | 12.84 | 35.50       | 14.25 | 37.40       | 15.75 |
|        | 50                              | 18.40                        | 8.26 | 21.50       | 8.68 | 27.40       | 10.62 | 30.10       | 11.86 | 32.90       | 13.40 | 34.30       | 14.19 | 33.90       | 14.38 |
|        | 52                              | 18.40                        | 8.79 | 21.50       | 8.40 | 27.40       | 10.70 | 30.00       | 11.98 | 31.00       | 12.46 | 30.90       | 12.44 | 30.40       | 12.59 |
| 70     | 10                              | 5.10                         | 0.38 | 8.20        | 0.61 | 11.70       | 0.86  | 12.50       | 0.92  | 13.30       | 0.99  | 14.20       | 1.05  | 15.10       | 1.13  |
|        | 12                              | 5.10                         | 0.30 | 8.20        | 0.55 | 11.70       | 0.84  | 12.50       | 0.92  | 13.30       | 0.99  | 14.20       | 1.06  | 15.10       | 1.14  |
|        | 14                              | 5.10                         | 0.29 | 8.20        | 0.52 | 11.70       | 0.80  | 12.50       | 0.86  | 13.30       | 0.94  | 14.20       | 1.04  | 15.10       | 1.14  |
|        | 16                              | 5.10                         | 0.28 | 8.20        | 0.49 | 11.70       | 0.76  | 12.50       | 0.85  | 13.30       | 0.94  | 14.20       | 1.03  | 15.10       | 1.13  |
|        | 18                              | 5.10                         | 0.27 | 8.20        | 0.48 | 11.70       | 0.78  | 12.50       | 0.87  | 13.30       | 0.96  | 14.20       | 1.05  | 15.10       | 1.14  |
|        | 20                              | 5.10                         | 0.27 | 8.20        | 0.50 | 11.70       | 0.80  | 12.50       | 0.90  | 13.30       | 0.99  | 14.20       | 1.09  | 15.10       | 1.20  |
|        | 21                              | 5.80                         | 0.31 | 8.90        | 0.56 | 12.30       | 0.91  | 13.10       | 1.02  | 13.90       | 1.14  | 14.70       | 1.24  | 15.60       | 1.43  |
|        | 23                              | 7.20                         | 0.91 | 10.20       | 1.56 | 13.60       | 2.11  | 14.30       | 2.22  | 15.10       | 2.35  | 15.80       | 2.45  | 16.60       | 2.59  |
|        | 25                              | 8.50                         | 1.56 | 11.50       | 1.98 | 14.90       | 2.48  | 15.60       | 2.62  | 16.40       | 2.77  | 16.90       | 2.86  | 17.60       | 2.99  |
|        | 27                              | 10.00                        | 1.89 | 12.90       | 2.39 | 16.20       | 2.98  | 16.90       | 3.13  | 17.60       | 3.22  | 18.10       | 3.26  | 19.70       | 3.57  |
|        | 29                              | 11.40                        | 2.36 | 14.30       | 2.95 | 17.60       | 3.56  | 18.20       | 3.67  | 19.00       | 3.81  | 20.10       | 4.03  | 23.30       | 4.75  |
|        | 31                              | 12.90                        | 3.02 | 15.80       | 3.60 | 19.00       | 4.26  | 19.60       | 4.40  | 21.30       | 4.77  | 23.80       | 5.33  | 26.90       | 6.25  |
|        | 33                              | 14.50                        | 3.73 | 17.30       | 4.27 | 20.50       | 5.06  | 22.50       | 5.57  | 25.10       | 6.26  | 27.40       | 6.93  | 30.50       | 8.16  |
|        | 35                              | 16.10                        | 4.47 | 18.80       | 5.06 | 24.00       | 6.58  | 26.30       | 7.33  | 28.90       | 8.25  | 31.10       | 9.04  | 34.10       | 10.43 |
|        | 37                              | 16.10                        | 4.77 | 18.80       | 5.41 | 24.00       | 7.13  | 26.30       | 7.87  | 28.90       | 8.76  | 31.10       | 9.60  | 34.10       | 11.08 |
|        | 39                              | 16.10                        | 5.07 | 18.80       | 5.79 | 24.00       | 7.57  | 26.30       | 8.37  | 28.90       | 9.32  | 31.10       | 10.20 | 34.10       | 11.79 |
|        | 41                              | 16.10                        | 5.40 | 18.80       | 6.17 | 24.00       | 8.05  | 26.30       | 8.89  | 28.90       | 9.89  | 31.10       | 10.84 | 34.10       | 12.54 |
|        | 43                              | 16.10                        | 5.79 | 18.80       | 6.66 | 24.00       | 8.55  | 26.30       | 9.45  | 28.90       | 10.39 | 31.10       | 11.11 | 34.10       | 12.73 |
|        | 46                              | 16.10                        | 6.40 | 18.80       | 7.30 | 24.00       | 9.08  | 26.30       | 9.82  | 28.90       | 10.63 | 31.10       | 11.40 | 34.10       | 13.23 |
|        | 48                              | 16.10                        | 6.88 | 18.80       | 7.63 | 24.00       | 9.41  | 26.30       | 10.17 | 28.90       | 10.98 | 31.10       | 11.90 | 34.00       | 13.86 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |      |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |      | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 16.10                        | 7.32 | 18.80       | 7.80 | 24.00       | 9.59 | 26.30       | 10.33 | 28.80       | 11.26 | 31.10       | 12.39 | 33.80       | 14.37 |
|        | 52                              | 16.10                        | 7.78 | 18.80       | 7.56 | 24.00       | 9.26 | 26.30       | 10.17 | 28.80       | 11.37 | 31.00       | 12.48 | 30.50       | 12.62 |
| 60     | 10                              | 4.40                         | 0.33 | 7.10        | 0.52 | 10.00       | 0.74 | 10.70       | 0.79  | 11.40       | 0.84  | 12.20       | 0.90  | 12.90       | 0.96  |
|        | 12                              | 4.40                         | 0.24 | 7.10        | 0.44 | 10.00       | 0.68 | 10.70       | 0.75  | 11.40       | 0.83  | 12.20       | 0.90  | 12.90       | 0.97  |
|        | 14                              | 4.40                         | 0.23 | 7.10        | 0.42 | 10.00       | 0.65 | 10.70       | 0.71  | 11.40       | 0.78  | 12.20       | 0.85  | 12.90       | 0.91  |
|        | 16                              | 4.40                         | 0.23 | 7.10        | 0.40 | 10.00       | 0.62 | 10.70       | 0.67  | 11.40       | 0.75  | 12.20       | 0.82  | 12.90       | 0.91  |
|        | 18                              | 4.40                         | 0.22 | 7.10        | 0.38 | 10.00       | 0.61 | 10.70       | 0.68  | 11.40       | 0.76  | 12.20       | 0.84  | 12.90       | 0.92  |
|        | 20                              | 4.40                         | 0.21 | 7.10        | 0.39 | 10.00       | 0.63 | 10.70       | 0.71  | 11.40       | 0.79  | 12.20       | 0.87  | 12.90       | 0.97  |
|        | 21                              | 5.00                         | 0.24 | 7.60        | 0.43 | 10.50       | 0.71 | 11.20       | 0.79  | 11.90       | 0.88  | 12.60       | 0.97  | 13.30       | 1.10  |
|        | 23                              | 6.10                         | 0.59 | 8.70        | 1.02 | 11.60       | 1.83 | 12.30       | 1.95  | 12.90       | 2.05  | 13.60       | 2.15  | 14.20       | 2.28  |
|        | 25                              | 7.30                         | 1.36 | 9.90        | 1.71 | 12.70       | 2.14 | 13.40       | 2.26  | 14.00       | 2.39  | 14.50       | 2.50  | 15.10       | 2.63  |
|        | 27                              | 8.50                         | 1.64 | 11.10       | 2.05 | 13.90       | 2.55 | 14.50       | 2.70  | 15.10       | 2.85  | 15.50       | 2.94  | 16.90       | 3.18  |
|        | 29                              | 9.80                         | 2.01 | 12.30       | 2.50 | 15.10       | 3.10 | 15.70       | 3.23  | 16.20       | 3.32  | 17.20       | 3.50  | 20.00       | 4.07  |
|        | 31                              | 11.10                        | 2.54 | 13.50       | 3.15 | 16.30       | 3.73 | 16.80       | 3.82  | 18.30       | 4.13  | 20.40       | 4.56  | 23.00       | 5.25  |
|        | 33                              | 12.40                        | 3.29 | 14.80       | 3.74 | 17.50       | 4.36 | 19.30       | 4.76  | 21.50       | 5.29  | 23.50       | 5.83  | 26.10       | 6.70  |
|        | 35                              | 13.80                        | 3.91 | 16.10       | 4.38 | 20.50       | 5.58 | 22.60       | 6.12  | 24.70       | 6.78  | 26.70       | 7.42  | 29.20       | 8.60  |
|        | 37                              | 13.80                        | 4.15 | 16.10       | 4.68 | 20.50       | 5.96 | 22.60       | 6.53  | 24.70       | 7.26  | 26.70       | 7.99  | 29.20       | 9.13  |
|        | 39                              | 13.80                        | 4.42 | 16.10       | 4.98 | 20.50       | 6.36 | 22.60       | 7.08  | 24.70       | 7.80  | 26.70       | 8.50  | 29.20       | 9.70  |
|        | 41                              | 13.80                        | 4.72 | 16.10       | 5.34 | 20.50       | 6.86 | 22.60       | 7.52  | 24.70       | 8.29  | 26.70       | 9.03  | 29.20       | 10.31 |
|        | 43                              | 13.80                        | 5.04 | 16.10       | 5.67 | 20.50       | 7.28 | 22.60       | 7.99  | 24.70       | 8.82  | 26.70       | 9.59  | 29.20       | 10.96 |
|        | 46                              | 13.80                        | 5.56 | 16.10       | 6.34 | 20.50       | 7.97 | 22.60       | 8.64  | 24.70       | 9.37  | 26.70       | 10.02 | 29.20       | 11.29 |
|        | 48                              | 13.80                        | 5.91 | 16.10       | 6.74 | 20.50       | 8.29 | 22.60       | 8.97  | 24.70       | 9.71  | 26.70       | 10.38 | 29.20       | 11.69 |
|        | 50                              | 13.80                        | 6.43 | 16.10       | 7.17 | 20.50       | 8.46 | 22.60       | 9.15  | 24.70       | 9.89  | 26.70       | 10.55 | 29.20       | 11.89 |
|        | 52                              | 13.80                        | 6.84 | 16.10       | 7.63 | 20.50       | 8.20 | 22.60       | 8.86  | 24.70       | 9.56  | 26.70       | 10.33 | 29.20       | 11.88 |
| 50     | 10                              | 3.70                         | 0.28 | 5.90        | 0.44 | 8.30        | 0.62 | 8.90        | 0.66  | 9.50        | 0.70  | 10.10       | 0.74  | 10.80       | 0.80  |
|        | 12                              | 3.70                         | 0.24 | 5.90        | 0.33 | 8.30        | 0.52 | 8.90        | 0.57  | 9.50        | 0.64  | 10.10       | 0.70  | 10.80       | 0.77  |
|        | 14                              | 3.70                         | 0.18 | 5.90        | 0.32 | 8.30        | 0.50 | 8.90        | 0.55  | 9.50        | 0.61  | 10.10       | 0.66  | 10.80       | 0.72  |
|        | 16                              | 3.70                         | 0.17 | 5.90        | 0.30 | 8.30        | 0.47 | 8.90        | 0.52  | 9.50        | 0.58  | 10.10       | 0.63  | 10.80       | 0.68  |
|        | 18                              | 3.70                         | 0.17 | 5.90        | 0.29 | 8.30        | 0.45 | 8.90        | 0.50  | 9.50        | 0.56  | 10.10       | 0.63  | 10.80       | 0.69  |
|        | 20                              | 3.70                         | 0.16 | 5.90        | 0.28 | 8.30        | 0.46 | 8.90        | 0.52  | 9.50        | 0.58  | 10.10       | 0.65  | 10.80       | 0.72  |
|        | 21                              | 4.20                         | 0.18 | 6.30        | 0.31 | 8.80        | 0.51 | 9.40        | 0.58  | 9.90        | 0.64  | 10.50       | 0.71  | 11.10       | 0.81  |
|        | 23                              | 5.10                         | 0.37 | 7.30        | 0.63 | 9.70        | 1.30 | 10.20       | 1.53  | 10.80       | 1.74  | 11.30       | 1.82  | 11.80       | 1.94  |
|        | 25                              | 6.10                         | 1.16 | 8.20        | 1.43 | 10.60       | 1.79 | 11.20       | 1.90  | 11.70       | 2.00  | 12.10       | 2.11  | 12.60       | 2.23  |
|        | 27                              | 7.20                         | 1.38 | 9.20        | 1.71 | 11.60       | 2.12 | 12.10       | 2.24  | 12.60       | 2.36  | 12.90       | 2.47  | 14.00       | 2.70  |
|        | 29                              | 8.20                         | 1.70 | 10.20       | 2.07 | 12.60       | 2.57 | 13.00       | 2.71  | 13.50       | 2.84  | 14.30       | 3.03  | 16.60       | 3.45  |
|        | 31                              | 9.30                         | 2.11 | 11.30       | 2.57 | 13.60       | 3.18 | 14.00       | 3.28  | 15.20       | 3.51  | 17.00       | 3.84  | 19.20       | 4.37  |
|        | 33                              | 10.40                        | 2.73 | 12.30       | 3.21 | 14.60       | 3.71 | 16.10       | 4.03  | 17.90       | 4.40  | 19.60       | 4.82  | 21.70       | 5.45  |
|        | 35                              | 11.50                        | 3.38 | 13.40       | 3.77 | 17.20       | 4.64 | 18.80       | 5.06  | 20.60       | 5.55  | 22.20       | 6.03  | 24.30       | 6.80  |
|        | 37                              | 11.50                        | 3.59 | 13.40       | 3.98 | 17.20       | 4.94 | 18.80       | 5.38  | 20.60       | 5.93  | 22.20       | 6.44  | 24.30       | 7.26  |
|        | 39                              | 11.50                        | 3.80 | 13.40       | 4.24 | 17.20       | 5.29 | 18.80       | 5.76  | 20.60       | 6.34  | 22.20       | 6.88  | 24.30       | 7.86  |
|        | 41                              | 11.50                        | 4.04 | 13.40       | 4.52 | 17.20       | 5.62 | 18.80       | 6.16  | 20.60       | 6.76  | 22.20       | 7.40  | 24.30       | 8.35  |
|        | 43                              | 11.50                        | 4.33 | 13.40       | 4.81 | 17.20       | 6.01 | 18.80       | 6.66  | 20.60       | 7.28  | 22.20       | 7.86  | 24.30       | 8.87  |
|        | 46                              | 11.50                        | 4.78 | 13.40       | 5.35 | 17.20       | 6.71 | 18.80       | 7.30  | 20.60       | 7.98  | 22.20       | 8.61  | 24.30       | 9.60  |
|        | 48                              | 11.50                        | 5.10 | 13.40       | 5.68 | 17.20       | 7.14 | 18.80       | 7.67  | 20.60       | 8.33  | 22.20       | 8.90  | 24.30       | 9.97  |
|        | 50                              | 11.50                        | 5.60 | 13.40       | 6.17 | 17.20       | 7.58 | 18.80       | 8.24  | 20.60       | 8.50  | 22.20       | 9.09  | 24.30       | 10.17 |
|        | 52                              | 11.50                        | 5.96 | 13.40       | 6.57 | 17.20       | 8.06 | 18.80       | 8.65  | 20.60       | 8.25  | 22.20       | 8.81  | 24.30       | 9.86  |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM180LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 10.70                        | 0.67  | 17.20       | 1.08  | 24.40       | 1.54  | 26.10       | 1.66  | 27.80       | 1.77  | 29.60       | 1.89  | 31.50       | 2.04  |
|        | 12                         | 10.70                        | 0.67  | 17.20       | 1.08  | 24.40       | 1.55  | 26.10       | 1.67  | 27.80       | 1.79  | 29.60       | 1.91  | 31.50       | 2.02  |
|        | 14                         | 10.70                        | 0.65  | 17.20       | 1.06  | 24.40       | 1.57  | 26.10       | 1.70  | 27.80       | 1.80  | 29.60       | 1.89  | 31.50       | 2.06  |
|        | 16                         | 10.70                        | 0.61  | 17.20       | 1.07  | 24.40       | 1.59  | 26.10       | 1.71  | 27.80       | 1.82  | 29.60       | 1.93  | 31.50       | 2.13  |
|        | 18                         | 10.70                        | 0.62  | 17.20       | 1.09  | 24.40       | 1.65  | 26.10       | 1.79  | 27.80       | 1.92  | 29.60       | 2.06  | 31.50       | 2.35  |
|        | 20                         | 10.70                        | 0.65  | 17.20       | 1.15  | 24.40       | 1.85  | 26.10       | 2.04  | 27.80       | 2.24  | 29.60       | 2.47  | 31.50       | 2.97  |
|        | 21                         | 12.10                        | 0.81  | 18.50       | 1.47  | 25.70       | 2.56  | 27.40       | 2.81  | 29.10       | 2.94  | 30.70       | 3.10  | 32.50       | 3.40  |
|        | 23                         | 15.00                        | 2.07  | 21.30       | 2.60  | 28.40       | 3.31  | 30.00       | 3.45  | 31.60       | 3.61  | 33.00       | 3.81  | 34.60       | 4.19  |
|        | 25                         | 17.90                        | 2.55  | 24.10       | 3.25  | 31.10       | 4.11  | 32.60       | 4.29  | 34.20       | 4.47  | 35.40       | 4.78  | 36.80       | 5.11  |
|        | 27                         | 20.90                        | 3.25  | 27.00       | 4.09  | 33.90       | 5.13  | 35.30       | 5.36  | 36.90       | 5.64  | 37.80       | 5.92  | 41.10       | 6.69  |
|        | 29                         | 24.00                        | 4.23  | 29.90       | 5.12  | 36.80       | 6.38  | 38.10       | 6.65  | 39.60       | 6.94  | 42.00       | 7.46  | 48.70       | 9.27  |
|        | 31                         | 27.10                        | 5.27  | 32.90       | 6.27  | 39.70       | 7.78  | 41.00       | 8.08  | 44.60       | 8.97  | 49.60       | 10.37 | 56.20       | 12.69 |
|        | 33                         | 30.30                        | 6.53  | 36.00       | 7.71  | 42.80       | 9.49  | 47.10       | 10.76 | 52.40       | 12.48 | 57.30       | 14.22 | 63.70       | 17.23 |
|        | 35                         | 33.70                        | 8.12  | 39.20       | 9.49  | 50.20       | 13.10 | 54.90       | 14.92 | 60.30       | 17.16 | 65.00       | 19.37 | 71.10       | 22.88 |
|        | 37                         | 33.70                        | 8.67  | 39.20       | 10.13 | 50.20       | 13.98 | 54.90       | 15.93 | 60.20       | 18.34 | 65.00       | 20.75 | 67.40       | 22.73 |
|        | 39                         | 33.70                        | 9.24  | 39.20       | 10.80 | 50.20       | 14.92 | 55.00       | 17.01 | 60.20       | 19.63 | 63.00       | 21.11 | 62.30       | 21.39 |
|        | 41                         | 33.70                        | 9.86  | 39.20       | 11.53 | 50.10       | 15.64 | 54.90       | 17.84 | 58.00       | 19.40 | 57.90       | 19.41 | 57.40       | 19.69 |
|        | 43                         | 33.70                        | 10.52 | 39.20       | 12.30 | 50.10       | 16.60 | 53.20       | 18.09 | 53.10       | 18.07 | 53.20       | 18.08 | 52.60       | 18.34 |
|        | 46                         | 33.70                        | 11.61 | 39.20       | 13.20 | 46.50       | 16.43 | 46.40       | 16.43 | 46.50       | 16.41 | 46.50       | 16.43 | 45.80       | 16.61 |
|        | 48                         | 33.70                        | 12.38 | 39.30       | 14.28 | 42.30       | 15.69 | 42.30       | 15.69 | 42.20       | 15.66 | 42.20       | 15.68 | 41.70       | 15.83 |
|        | 50                         | 33.70                        | 13.04 | 38.20       | 14.78 | 38.30       | 14.77 | 38.30       | 14.76 | 38.20       | 14.76 | 38.30       | 14.74 | 37.70       | 14.91 |
|        | 52                         | 33.60                        | 13.22 | 34.50       | 13.29 | 34.50       | 13.29 | 34.50       | 13.27 | 34.50       | 13.26 | 34.50       | 13.27 | 34.00       | 13.38 |
| 120    | 10                         | 9.90                         | 0.62  | 15.90       | 0.99  | 22.50       | 1.42  | 24.10       | 1.52  | 25.70       | 1.63  | 27.30       | 1.74  | 29.10       | 1.87  |
|        | 12                         | 9.90                         | 0.62  | 15.90       | 0.99  | 22.50       | 1.43  | 24.10       | 1.53  | 25.70       | 1.64  | 27.30       | 1.76  | 29.10       | 1.90  |
|        | 14                         | 9.90                         | 0.60  | 15.90       | 0.97  | 22.50       | 1.44  | 24.10       | 1.55  | 25.70       | 1.67  | 27.30       | 1.78  | 29.10       | 1.90  |
|        | 16                         | 9.90                         | 0.56  | 15.90       | 0.96  | 22.50       | 1.45  | 24.10       | 1.57  | 25.70       | 1.68  | 27.30       | 1.79  | 29.10       | 1.94  |
|        | 18                         | 9.90                         | 0.56  | 15.90       | 0.98  | 22.50       | 1.50  | 24.10       | 1.63  | 25.70       | 1.75  | 27.30       | 1.88  | 29.10       | 2.08  |
|        | 20                         | 9.90                         | 0.58  | 15.90       | 1.04  | 22.50       | 1.66  | 24.10       | 1.82  | 25.70       | 1.99  | 27.30       | 2.17  | 29.10       | 2.54  |
|        | 21                         | 11.20                        | 0.71  | 17.10       | 1.28  | 23.70       | 2.21  | 25.30       | 2.48  | 26.80       | 2.75  | 28.40       | 2.91  | 30.00       | 3.08  |
|        | 23                         | 13.80                        | 1.94  | 19.70       | 2.45  | 26.20       | 3.06  | 27.70       | 3.24  | 29.10       | 3.37  | 30.50       | 3.50  | 32.00       | 3.72  |
|        | 25                         | 16.50                        | 2.38  | 22.30       | 2.99  | 28.70       | 3.84  | 30.10       | 4.02  | 31.50       | 4.13  | 32.70       | 4.27  | 34.00       | 4.58  |
|        | 27                         | 19.30                        | 3.00  | 24.90       | 3.80  | 31.30       | 4.75  | 32.60       | 4.92  | 34.00       | 5.12  | 34.90       | 5.25  | 38.00       | 6.09  |
|        | 29                         | 22.10                        | 3.93  | 27.60       | 4.74  | 33.90       | 5.84  | 35.20       | 6.07  | 36.50       | 6.33  | 38.80       | 6.77  | 44.90       | 8.33  |
|        | 31                         | 25.00                        | 4.90  | 30.40       | 5.77  | 36.70       | 7.08  | 37.90       | 7.34  | 41.10       | 8.11  | 45.90       | 9.31  | 51.80       | 11.31 |
|        | 33                         | 28.00                        | 6.02  | 33.30       | 7.04  | 39.50       | 8.59  | 43.50       | 9.69  | 48.40       | 11.16 | 52.90       | 12.64 | 58.80       | 15.20 |
|        | 35                         | 31.00                        | 7.43  | 36.20       | 8.62  | 46.30       | 11.74 | 50.70       | 13.29 | 55.60       | 15.19 | 60.00       | 17.03 | 65.70       | 20.38 |
|        | 37                         | 31.00                        | 7.92  | 36.20       | 9.20  | 46.30       | 12.53 | 50.70       | 14.19 | 55.60       | 16.21 | 59.90       | 18.20 | 65.70       | 21.85 |
|        | 39                         | 31.00                        | 8.46  | 36.20       | 9.82  | 46.30       | 13.37 | 50.70       | 15.15 | 55.60       | 17.32 | 59.90       | 19.48 | 62.30       | 21.45 |
|        | 41                         | 31.00                        | 9.02  | 36.20       | 10.48 | 46.30       | 14.01 | 50.70       | 15.88 | 55.60       | 18.19 | 58.00       | 19.42 | 57.40       | 19.67 |
|        | 43                         | 31.00                        | 9.63  | 36.20       | 11.18 | 46.30       | 14.84 | 50.70       | 16.84 | 53.10       | 18.08 | 53.20       | 18.09 | 52.50       | 18.29 |
|        | 46                         | 31.00                        | 10.62 | 36.20       | 11.99 | 46.30       | 16.35 | 46.50       | 16.44 | 46.40       | 16.43 | 46.40       | 16.40 | 45.90       | 16.64 |
|        | 48                         | 31.00                        | 11.34 | 36.20       | 12.98 | 42.30       | 15.70 | 42.30       | 15.70 | 42.20       | 15.68 | 42.20       | 15.65 | 41.70       | 15.87 |
|        | 50                         | 31.00                        | 12.11 | 36.20       | 13.83 | 38.30       | 14.78 | 38.20       | 14.75 | 38.50       | 14.90 | 38.30       | 14.79 | 37.80       | 14.91 |
|        | 52                         | 31.00                        | 12.11 | 34.60       | 13.30 | 34.50       | 13.28 | 34.50       | 13.28 | 34.50       | 13.27 | 34.50       | 13.26 | 34.10       | 13.42 |
| 110    | 10                         | 9.10                         | 0.57  | 14.60       | 0.91  | 20.60       | 1.30  | 22.10       | 1.39  | 23.50       | 1.49  | 25.10       | 1.59  | 26.60       | 1.71  |
|        | 12                         | 9.10                         | 0.57  | 14.60       | 0.91  | 20.60       | 1.31  | 22.10       | 1.40  | 23.50       | 1.50  | 25.10       | 1.60  | 26.60       | 1.73  |
|        | 14                         | 9.10                         | 0.54  | 14.60       | 0.89  | 20.60       | 1.29  | 22.10       | 1.42  | 23.50       | 1.52  | 25.10       | 1.62  | 26.60       | 1.76  |
|        | 16                         | 9.10                         | 0.51  | 14.60       | 0.86  | 20.60       | 1.31  | 22.10       | 1.42  | 23.50       | 1.53  | 25.10       | 1.64  | 26.60       | 1.79  |
|        | 18                         | 9.10                         | 0.49  | 14.60       | 0.88  | 20.60       | 1.35  | 22.10       | 1.47  | 23.50       | 1.58  | 25.10       | 1.71  | 26.60       | 1.89  |
|        | 20                         | 9.10                         | 0.51  | 14.60       | 0.92  | 20.60       | 1.47  | 22.10       | 1.62  | 23.50       | 1.76  | 25.10       | 1.92  | 26.60       | 2.21  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 10.30                        | 0.62  | 15.70       | 1.12  | 21.70       | 1.90  | 23.10       | 2.12  | 24.60       | 2.36  | 26.00       | 2.60  | 27.50       | 2.89  |
|        | 23                               | 12.70                        | 1.81  | 18.00       | 2.29  | 24.00       | 2.86  | 25.30       | 2.98  | 26.70       | 3.15  | 28.00       | 3.26  | 29.30       | 3.46  |
|        | 25                               | 15.10                        | 2.22  | 20.40       | 2.77  | 26.30       | 3.55  | 27.60       | 3.70  | 28.90       | 3.81  | 30.00       | 3.94  | 31.10       | 4.17  |
|        | 27                               | 17.70                        | 2.74  | 22.80       | 3.52  | 28.70       | 4.34  | 29.90       | 4.53  | 31.20       | 4.73  | 32.00       | 4.81  | 34.80       | 5.39  |
|        | 29                               | 20.30                        | 3.56  | 25.30       | 4.36  | 31.20       | 5.34  | 32.30       | 5.53  | 33.50       | 5.75  | 35.50       | 6.13  | 41.10       | 7.39  |
|        | 31                               | 22.90                        | 4.53  | 27.90       | 5.30  | 33.70       | 6.42  | 34.70       | 6.64  | 37.70       | 7.30  | 42.00       | 8.32  | 47.50       | 10.02 |
|        | 33                               | 25.60                        | 5.53  | 30.50       | 6.42  | 36.20       | 7.75  | 39.80       | 8.69  | 44.40       | 9.95  | 48.50       | 11.20 | 53.80       | 13.35 |
|        | 35                               | 28.50                        | 6.78  | 33.20       | 7.80  | 42.50       | 10.48 | 46.50       | 11.80 | 51.00       | 13.39 | 55.00       | 14.93 | 60.20       | 17.67 |
|        | 37                               | 28.50                        | 7.23  | 33.20       | 8.33  | 42.50       | 11.18 | 46.50       | 12.59 | 51.00       | 14.29 | 55.00       | 15.93 | 60.20       | 18.90 |
|        | 39                               | 28.50                        | 7.71  | 33.20       | 8.88  | 42.50       | 11.92 | 46.50       | 13.43 | 51.00       | 15.25 | 54.90       | 17.02 | 60.20       | 20.24 |
|        | 41                               | 28.50                        | 8.23  | 33.20       | 9.48  | 42.50       | 12.73 | 46.50       | 14.18 | 51.00       | 15.99 | 54.90       | 17.87 | 57.40       | 19.73 |
|        | 43                               | 28.50                        | 8.79  | 33.20       | 10.12 | 42.50       | 13.25 | 46.50       | 14.92 | 51.00       | 16.97 | 53.20       | 18.11 | 52.60       | 18.36 |
|        | 46                               | 28.50                        | 9.70  | 33.20       | 11.16 | 42.50       | 14.57 | 46.50       | 16.43 | 46.40       | 16.42 | 46.50       | 16.44 | 45.90       | 16.63 |
|        | 48                               | 28.50                        | 10.35 | 33.20       | 11.76 | 42.20       | 15.68 | 42.20       | 15.68 | 42.30       | 15.70 | 42.30       | 15.68 | 41.70       | 15.85 |
|        | 50                               | 28.50                        | 11.05 | 33.20       | 12.53 | 38.20       | 14.77 | 38.30       | 14.77 | 38.20       | 14.76 | 38.20       | 14.78 | 37.80       | 14.92 |
|        | 52                               | 28.50                        | 11.43 | 33.20       | 12.71 | 34.60       | 13.30 | 34.50       | 13.29 | 34.50       | 13.27 | 34.50       | 13.27 | 34.00       | 13.40 |
| 100    | 10                               | 8.30                         | 0.52  | 13.20       | 0.83  | 18.70       | 1.18  | 20.10       | 1.26  | 21.40       | 1.35  | 22.80       | 1.44  | 24.20       | 1.55  |
|        | 12                               | 8.30                         | 0.50  | 13.20       | 0.83  | 18.70       | 1.18  | 20.10       | 1.27  | 21.40       | 1.36  | 22.80       | 1.45  | 24.20       | 1.56  |
|        | 14                               | 8.30                         | 0.48  | 13.20       | 0.80  | 18.70       | 1.15  | 20.10       | 1.26  | 21.40       | 1.37  | 22.80       | 1.46  | 24.20       | 1.58  |
|        | 16                               | 8.30                         | 0.46  | 13.20       | 0.75  | 18.70       | 1.15  | 20.10       | 1.27  | 21.40       | 1.37  | 22.80       | 1.49  | 24.20       | 1.62  |
|        | 18                               | 8.30                         | 0.43  | 13.20       | 0.77  | 18.70       | 1.19  | 20.10       | 1.30  | 21.40       | 1.42  | 22.80       | 1.53  | 24.20       | 1.68  |
|        | 20                               | 8.30                         | 0.44  | 13.20       | 0.80  | 18.70       | 1.28  | 20.10       | 1.42  | 21.40       | 1.54  | 22.80       | 1.69  | 24.20       | 1.92  |
|        | 21                               | 9.30                         | 0.53  | 14.30       | 0.95  | 19.80       | 1.61  | 21.10       | 1.80  | 22.30       | 2.00  | 23.70       | 2.21  | 25.00       | 2.69  |
|        | 23                               | 11.50                        | 1.68  | 16.40       | 2.11  | 21.80       | 2.63  | 23.10       | 2.77  | 24.30       | 2.89  | 25.40       | 3.02  | 26.60       | 3.20  |
|        | 25                               | 13.80                        | 2.02  | 18.50       | 2.56  | 23.90       | 3.19  | 25.10       | 3.37  | 26.30       | 3.54  | 27.20       | 3.65  | 28.30       | 3.82  |
|        | 27                               | 16.10                        | 2.51  | 20.70       | 3.16  | 26.10       | 3.97  | 27.20       | 4.12  | 28.30       | 4.29  | 29.10       | 4.40  | 31.60       | 4.92  |
|        | 29                               | 18.40                        | 3.21  | 23.00       | 3.99  | 28.30       | 4.86  | 29.30       | 5.03  | 30.40       | 5.22  | 32.30       | 5.54  | 37.40       | 6.66  |
|        | 31                               | 20.90                        | 4.18  | 25.30       | 4.85  | 30.60       | 5.81  | 31.60       | 6.00  | 34.30       | 6.55  | 38.20       | 7.41  | 43.20       | 8.85  |
|        | 33                               | 23.30                        | 5.08  | 27.70       | 5.83  | 32.90       | 6.96  | 36.20       | 7.75  | 40.30       | 8.81  | 44.10       | 9.86  | 49.00       | 11.67 |
|        | 35                               | 25.90                        | 6.17  | 30.20       | 7.04  | 38.60       | 9.30  | 42.30       | 10.41 | 46.30       | 11.75 | 50.00       | 13.02 | 54.70       | 15.28 |
|        | 37                               | 25.90                        | 6.57  | 30.20       | 7.51  | 38.60       | 9.93  | 42.30       | 11.11 | 46.30       | 12.53 | 50.00       | 13.90 | 54.70       | 16.31 |
|        | 39                               | 25.90                        | 7.01  | 30.20       | 8.01  | 38.60       | 10.60 | 42.30       | 11.86 | 46.30       | 13.37 | 50.00       | 14.83 | 54.70       | 17.43 |
|        | 41                               | 25.90                        | 7.48  | 30.20       | 8.55  | 38.60       | 11.30 | 42.30       | 12.65 | 46.30       | 14.27 | 50.00       | 15.54 | 54.70       | 18.30 |
|        | 43                               | 25.90                        | 7.98  | 30.20       | 9.13  | 38.60       | 12.06 | 42.30       | 13.31 | 46.30       | 14.86 | 50.00       | 16.49 | 52.60       | 18.32 |
|        | 46                               | 25.90                        | 8.82  | 30.20       | 10.07 | 38.60       | 12.93 | 42.20       | 14.48 | 46.40       | 16.35 | 46.50       | 16.41 | 45.90       | 16.62 |
|        | 48                               | 25.90                        | 9.41  | 30.20       | 10.75 | 38.60       | 14.01 | 42.30       | 15.68 | 42.40       | 15.71 | 42.30       | 15.69 | 41.80       | 15.87 |
|        | 50                               | 25.90                        | 10.06 | 30.20       | 11.32 | 38.30       | 14.80 | 38.30       | 14.79 | 38.30       | 14.77 | 38.20       | 14.76 | 37.80       | 14.91 |
|        | 52                               | 25.90                        | 10.74 | 30.10       | 11.48 | 34.50       | 13.28 | 34.60       | 13.29 | 34.50       | 13.27 | 34.50       | 13.29 | 34.00       | 13.38 |
| 90     | 10                               | 7.40                         | 0.46  | 11.90       | 0.74  | 16.90       | 1.06  | 18.00       | 1.13  | 19.30       | 1.21  | 20.50       | 1.29  | 21.80       | 1.39  |
|        | 12                               | 7.40                         | 0.44  | 11.90       | 0.74  | 16.90       | 1.06  | 18.00       | 1.14  | 19.30       | 1.21  | 20.50       | 1.30  | 21.80       | 1.40  |
|        | 14                               | 7.40                         | 0.42  | 11.90       | 0.71  | 16.90       | 1.03  | 18.00       | 1.11  | 19.30       | 1.19  | 20.50       | 1.29  | 21.80       | 1.41  |
|        | 16                               | 7.40                         | 0.40  | 11.90       | 0.67  | 16.90       | 1.00  | 18.00       | 1.10  | 19.30       | 1.20  | 20.50       | 1.31  | 21.80       | 1.43  |
|        | 18                               | 7.40                         | 0.38  | 11.90       | 0.66  | 16.90       | 1.03  | 18.00       | 1.13  | 19.30       | 1.24  | 20.50       | 1.34  | 21.80       | 1.47  |
|        | 20                               | 7.40                         | 0.38  | 11.90       | 0.68  | 16.90       | 1.10  | 18.00       | 1.22  | 19.30       | 1.33  | 20.50       | 1.46  | 21.80       | 1.65  |
|        | 21                               | 8.40                         | 0.46  | 12.80       | 0.80  | 17.80       | 1.34  | 18.90       | 1.50  | 20.10       | 1.66  | 21.30       | 1.83  | 22.50       | 2.21  |
|        | 23                               | 10.40                        | 1.55  | 14.70       | 1.94  | 19.60       | 2.41  | 20.70       | 2.53  | 21.90       | 2.65  | 22.90       | 2.75  | 24.00       | 2.90  |
|        | 25                               | 12.40                        | 1.85  | 16.70       | 2.32  | 21.50       | 2.87  | 22.60       | 3.03  | 23.70       | 3.20  | 24.50       | 3.33  | 25.50       | 3.52  |
|        | 27                               | 14.50                        | 2.28  | 18.70       | 2.84  | 23.50       | 3.61  | 24.40       | 3.74  | 25.50       | 3.88  | 26.20       | 3.98  | 28.50       | 4.41  |
|        | 29                               | 16.60                        | 2.89  | 20.70       | 3.64  | 25.50       | 4.38  | 26.40       | 4.53  | 27.40       | 4.70  | 29.10       | 4.99  | 33.70       | 5.92  |
|        | 31                               | 18.80                        | 3.77  | 22.80       | 4.42  | 27.50       | 5.23  | 28.40       | 5.39  | 30.90       | 5.86  | 34.40       | 6.57  | 38.90       | 7.76  |
|        | 33                               | 21.00                        | 4.63  | 24.90       | 5.28  | 29.60       | 6.23  | 32.60       | 6.89  | 36.30       | 7.77  | 39.70       | 8.64  | 44.00       | 10.12 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 23.30                        | 5.59 | 27.20       | 6.32  | 34.70       | 8.22  | 38.00       | 9.14  | 41.70       | 10.24 | 45.00       | 11.28 | 49.20       | 13.13 |
|        | 37                              | 23.30                        | 5.95 | 27.20       | 6.74  | 34.70       | 8.76  | 38.00       | 9.75  | 41.70       | 10.92 | 45.00       | 12.04 | 49.20       | 14.01 |
|        | 39                              | 23.30                        | 6.34 | 27.20       | 7.19  | 34.70       | 9.35  | 38.00       | 10.41 | 41.70       | 11.66 | 45.00       | 12.85 | 49.20       | 14.95 |
|        | 41                              | 23.30                        | 6.76 | 27.20       | 7.67  | 34.70       | 9.98  | 38.00       | 11.10 | 41.70       | 12.44 | 45.00       | 13.71 | 49.20       | 15.97 |
|        | 43                              | 23.30                        | 7.23 | 27.20       | 8.19  | 34.70       | 10.66 | 38.00       | 11.84 | 41.70       | 13.27 | 45.00       | 14.27 | 49.20       | 16.64 |
|        | 46                              | 23.30                        | 7.98 | 27.20       | 9.04  | 34.70       | 11.75 | 38.00       | 12.71 | 41.70       | 14.23 | 45.00       | 15.71 | 45.90       | 16.61 |
|        | 48                              | 23.30                        | 8.52 | 27.20       | 9.66  | 34.80       | 12.38 | 38.00       | 13.75 | 41.70       | 15.42 | 42.30       | 15.70 | 41.80       | 15.88 |
|        | 50                              | 23.30                        | 9.11 | 27.20       | 10.32 | 34.80       | 13.18 | 38.10       | 14.66 | 38.30       | 14.79 | 38.20       | 14.77 | 37.80       | 14.94 |
|        | 52                              | 23.30                        | 9.74 | 27.20       | 10.33 | 34.50       | 13.31 | 34.50       | 13.30 | 34.50       | 13.28 | 34.50       | 13.27 | 34.10       | 13.41 |
| 80     | 10                              | 6.60                         | 0.41 | 10.60       | 0.66  | 15.00       | 0.94  | 16.00       | 1.01  | 17.10       | 1.07  | 18.20       | 1.14  | 19.40       | 1.23  |
|        | 12                              | 6.60                         | 0.37 | 10.60       | 0.65  | 15.00       | 0.94  | 16.00       | 1.01  | 17.10       | 1.07  | 18.20       | 1.15  | 19.40       | 1.23  |
|        | 14                              | 6.60                         | 0.36 | 10.60       | 0.61  | 15.00       | 0.91  | 16.00       | 0.98  | 17.10       | 1.05  | 18.20       | 1.12  | 19.40       | 1.21  |
|        | 16                              | 6.60                         | 0.35 | 10.60       | 0.59  | 15.00       | 0.86  | 16.00       | 0.94  | 17.10       | 1.03  | 18.20       | 1.12  | 19.40       | 1.22  |
|        | 18                              | 6.60                         | 0.33 | 10.60       | 0.55  | 15.00       | 0.87  | 16.00       | 0.96  | 17.10       | 1.05  | 18.20       | 1.15  | 19.40       | 1.26  |
|        | 20                              | 6.60                         | 0.32 | 10.60       | 0.58  | 15.00       | 0.92  | 16.00       | 1.02  | 17.10       | 1.12  | 18.20       | 1.23  | 19.40       | 1.39  |
|        | 21                              | 7.50                         | 0.38 | 11.40       | 0.66  | 15.80       | 1.10  | 16.80       | 1.23  | 17.90       | 1.36  | 18.90       | 1.49  | 20.00       | 1.78  |
|        | 23                              | 9.90                         | 1.47 | 13.10       | 1.77  | 17.40       | 2.19  | 18.40       | 2.31  | 19.40       | 2.40  | 20.30       | 2.51  | 21.30       | 2.66  |
|        | 25                              | 11.00                        | 1.68 | 14.80       | 2.08  | 19.10       | 2.59  | 20.10       | 2.73  | 21.00       | 2.85  | 21.80       | 2.96  | 22.70       | 3.13  |
|        | 27                              | 12.80                        | 2.05 | 16.60       | 2.53  | 20.90       | 3.14  | 21.70       | 3.32  | 22.60       | 3.50  | 23.30       | 3.58  | 25.30       | 3.94  |
|        | 29                              | 14.70                        | 2.55 | 18.40       | 3.16  | 22.60       | 3.93  | 23.50       | 4.06  | 24.30       | 4.20  | 25.80       | 4.44  | 30.00       | 5.25  |
|        | 31                              | 16.70                        | 3.31 | 20.30       | 4.00  | 24.40       | 4.70  | 25.20       | 4.83  | 27.40       | 5.21  | 30.60       | 5.80  | 34.60       | 6.77  |
|        | 33                              | 18.60                        | 4.18 | 22.20       | 4.75  | 26.30       | 5.55  | 29.00       | 6.09  | 32.20       | 6.81  | 35.30       | 7.52  | 39.20       | 8.72  |
|        | 35                              | 20.70                        | 5.04 | 24.20       | 5.65  | 30.90       | 7.21  | 33.80       | 7.96  | 37.00       | 8.86  | 40.00       | 9.71  | 43.80       | 11.20 |
|        | 37                              | 20.70                        | 5.36 | 24.20       | 6.02  | 30.90       | 7.70  | 33.80       | 8.50  | 37.00       | 9.46  | 40.00       | 10.36 | 43.80       | 11.95 |
|        | 39                              | 20.70                        | 5.72 | 24.20       | 6.41  | 30.90       | 8.21  | 33.80       | 9.07  | 37.00       | 10.09 | 40.00       | 11.05 | 43.80       | 12.74 |
|        | 41                              | 20.70                        | 6.09 | 24.20       | 6.85  | 30.90       | 8.76  | 33.80       | 9.68  | 37.00       | 10.76 | 40.00       | 11.80 | 43.80       | 13.60 |
|        | 43                              | 20.70                        | 6.50 | 24.20       | 7.31  | 30.90       | 9.35  | 33.80       | 10.33 | 37.00       | 11.49 | 40.00       | 12.58 | 43.80       | 14.52 |
|        | 46                              | 20.70                        | 7.18 | 24.20       | 8.07  | 30.90       | 10.32 | 33.80       | 11.39 | 37.00       | 12.47 | 40.00       | 13.51 | 43.80       | 15.59 |
|        | 48                              | 20.70                        | 7.69 | 24.20       | 8.63  | 30.90       | 11.02 | 33.80       | 12.16 | 37.10       | 13.34 | 39.90       | 14.61 | 41.80       | 15.87 |
|        | 50                              | 20.70                        | 8.22 | 24.20       | 9.22  | 30.90       | 11.60 | 33.80       | 12.79 | 37.00       | 14.22 | 38.30       | 14.80 | 37.80       | 14.94 |
|        | 52                              | 20.70                        | 8.79 | 24.20       | 9.86  | 30.90       | 11.76 | 33.80       | 12.97 | 34.50       | 13.29 | 34.50       | 13.30 | 34.10       | 13.41 |
| 70     | 10                              | 5.80                         | 0.36 | 9.30        | 0.57  | 13.10       | 0.82  | 14.10       | 0.88  | 15.00       | 0.94  | 15.90       | 1.00  | 16.90       | 1.07  |
|        | 12                              | 5.80                         | 0.32 | 9.30        | 0.54  | 13.10       | 0.82  | 14.10       | 0.88  | 15.00       | 0.94  | 15.90       | 1.00  | 16.90       | 1.08  |
|        | 14                              | 5.80                         | 0.31 | 9.30        | 0.52  | 13.10       | 0.78  | 14.10       | 0.84  | 15.00       | 0.91  | 15.90       | 0.98  | 16.90       | 1.05  |
|        | 16                              | 5.80                         | 0.30 | 9.30        | 0.50  | 13.10       | 0.74  | 14.10       | 0.80  | 15.00       | 0.86  | 15.90       | 0.93  | 16.90       | 1.02  |
|        | 18                              | 5.80                         | 0.28 | 9.30        | 0.48  | 13.10       | 0.71  | 14.10       | 0.79  | 15.00       | 0.87  | 15.90       | 0.95  | 16.90       | 1.06  |
|        | 20                              | 5.80                         | 0.27 | 9.30        | 0.48  | 13.10       | 0.75  | 14.10       | 0.83  | 15.00       | 0.92  | 15.90       | 1.01  | 16.90       | 1.14  |
|        | 21                              | 6.50                         | 0.31 | 10.00       | 0.54  | 13.80       | 0.87  | 14.70       | 0.98  | 15.60       | 1.09  | 16.50       | 1.19  | 17.50       | 1.40  |
|        | 23                              | 8.10                         | 1.08 | 11.50       | 1.60  | 15.30       | 1.95  | 16.10       | 2.06  | 17.00       | 2.16  | 17.80       | 2.24  | 18.60       | 2.37  |
|        | 25                              | 9.60                         | 1.53 | 13.00       | 1.87  | 16.70       | 2.30  | 17.60       | 2.42  | 18.40       | 2.53  | 19.10       | 2.64  | 19.80       | 2.76  |
|        | 27                              | 11.20                        | 1.83 | 14.50       | 2.23  | 18.20       | 2.77  | 19.00       | 2.90  | 19.80       | 3.04  | 20.40       | 3.16  | 22.10       | 3.51  |
|        | 29                              | 12.90                        | 2.24 | 16.10       | 2.75  | 19.80       | 3.44  | 20.60       | 3.61  | 21.30       | 3.73  | 22.60       | 3.93  | 26.20       | 4.60  |
|        | 31                              | 14.60                        | 2.85 | 17.80       | 3.53  | 21.40       | 4.18  | 22.10       | 4.29  | 24.00       | 4.62  | 26.70       | 5.09  | 30.20       | 5.87  |
|        | 33                              | 16.30                        | 3.71 | 19.40       | 4.23  | 23.00       | 4.92  | 25.40       | 5.35  | 28.20       | 5.93  | 30.80       | 6.50  | 34.30       | 7.46  |
|        | 35                              | 18.10                        | 4.49 | 21.20       | 5.02  | 27.00       | 6.29  | 29.60       | 6.89  | 32.40       | 7.61  | 35.00       | 8.28  | 38.30       | 9.46  |
|        | 37                              | 18.10                        | 4.76 | 21.20       | 5.35  | 27.00       | 6.70  | 29.60       | 7.35  | 32.40       | 8.12  | 35.00       | 8.83  | 38.30       | 10.10 |
|        | 39                              | 18.10                        | 5.06 | 21.20       | 5.70  | 27.00       | 7.15  | 29.60       | 7.84  | 32.40       | 8.66  | 35.00       | 9.42  | 38.30       | 10.77 |
|        | 41                              | 18.10                        | 5.39 | 21.20       | 6.08  | 27.00       | 7.63  | 29.60       | 8.37  | 32.40       | 9.24  | 35.00       | 10.06 | 38.30       | 11.49 |
|        | 43                              | 18.10                        | 5.76 | 21.20       | 6.49  | 27.00       | 8.15  | 29.60       | 8.94  | 32.40       | 9.86  | 35.00       | 10.73 | 38.30       | 12.26 |
|        | 46                              | 18.10                        | 6.38 | 21.20       | 7.17  | 27.00       | 9.00  | 29.60       | 9.86  | 32.40       | 10.88 | 35.00       | 11.83 | 38.30       | 13.51 |
|        | 48                              | 18.10                        | 6.84 | 21.20       | 7.66  | 27.00       | 9.61  | 29.60       | 10.53 | 32.40       | 11.61 | 35.00       | 12.63 | 38.30       | 14.25 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |      |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|------|-------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |      | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI   | TC          | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 18.10                        | 7.37 | 21.20       | 8.20 | 27.00       | 10.26 | 29.60       | 11.24 | 32.50       | 12.22 | 35.00       | 13.29 | 37.80       | 14.95 |
|        | 52                         | 18.10                        | 7.88 | 21.20       | 8.77 | 27.00       | 10.96 | 29.60       | 11.25 | 32.40       | 12.39 | 34.60       | 13.32 | 34.10       | 13.42 |
| 60     | 10                         | 5.00                         | 0.33 | 7.90        | 0.49 | 11.30       | 0.70  | 12.00       | 0.75  | 12.80       | 0.80  | 13.70       | 0.85  | 14.50       | 0.92  |
|        | 12                         | 5.00                         | 0.29 | 7.90        | 0.44 | 11.30       | 0.67  | 12.00       | 0.73  | 12.80       | 0.80  | 13.70       | 0.85  | 14.50       | 0.92  |
|        | 14                         | 5.00                         | 0.28 | 7.90        | 0.43 | 11.30       | 0.65  | 12.00       | 0.70  | 12.80       | 0.76  | 13.70       | 0.82  | 14.50       | 0.89  |
|        | 16                         | 5.00                         | 0.27 | 7.90        | 0.41 | 11.30       | 0.62  | 12.00       | 0.67  | 12.80       | 0.72  | 13.70       | 0.77  | 14.50       | 0.84  |
|        | 18                         | 5.00                         | 0.26 | 7.90        | 0.40 | 11.30       | 0.59  | 12.00       | 0.64  | 12.80       | 0.70  | 13.70       | 0.77  | 14.50       | 0.84  |
|        | 20                         | 5.00                         | 0.25 | 7.90        | 0.38 | 11.30       | 0.59  | 12.00       | 0.67  | 12.80       | 0.73  | 13.70       | 0.80  | 14.50       | 0.90  |
|        | 21                         | 5.60                         | 0.26 | 8.50        | 0.43 | 11.90       | 0.68  | 12.60       | 0.75  | 13.40       | 0.84  | 14.20       | 0.92  | 15.00       | 1.07  |
|        | 23                         | 6.90                         | 0.73 | 9.80        | 1.16 | 13.10       | 1.71  | 13.80       | 1.82  | 14.60       | 1.91  | 15.20       | 1.99  | 16.00       | 2.10  |
|        | 25                         | 9.30                         | 1.48 | 11.10       | 1.65 | 14.40       | 2.01  | 15.00       | 2.10  | 15.80       | 2.20  | 16.30       | 2.30  | 17.00       | 2.43  |
|        | 27                         | 9.70                         | 1.63 | 12.40       | 1.95 | 15.70       | 2.37  | 16.30       | 2.50  | 17.00       | 2.61  | 17.40       | 2.71  | 19.00       | 2.96  |
|        | 29                         | 11.10                        | 1.97 | 13.80       | 2.36 | 17.00       | 2.89  | 17.60       | 3.05  | 18.30       | 3.20  | 19.40       | 3.45  | 22.40       | 3.99  |
|        | 31                         | 12.50                        | 2.46 | 15.20       | 2.98 | 18.40       | 3.69  | 18.90       | 3.78  | 20.60       | 4.04  | 22.90       | 4.43  | 25.90       | 5.05  |
|        | 33                         | 14.00                        | 3.16 | 16.60       | 3.73 | 19.80       | 4.29  | 21.70       | 4.66  | 24.20       | 5.14  | 26.40       | 5.57  | 29.30       | 6.32  |
|        | 35                         | 15.60                        | 3.95 | 18.10       | 4.39 | 23.20       | 5.45  | 25.30       | 5.92  | 27.80       | 6.47  | 29.90       | 6.99  | 32.80       | 7.90  |
|        | 37                         | 15.60                        | 4.18 | 18.10       | 4.65 | 23.20       | 5.80  | 25.30       | 6.31  | 27.80       | 6.90  | 29.90       | 7.45  | 32.80       | 8.43  |
|        | 39                         | 15.60                        | 4.43 | 18.10       | 4.95 | 23.20       | 6.18  | 25.30       | 6.72  | 27.80       | 7.36  | 29.90       | 7.95  | 32.80       | 8.99  |
|        | 41                         | 15.60                        | 4.70 | 18.10       | 5.27 | 23.20       | 6.59  | 25.30       | 7.17  | 27.80       | 7.85  | 29.90       | 8.49  | 32.80       | 9.60  |
|        | 43                         | 15.60                        | 5.01 | 18.10       | 5.63 | 23.20       | 7.04  | 25.30       | 7.66  | 27.80       | 8.38  | 29.90       | 9.06  | 32.80       | 10.25 |
|        | 46                         | 15.60                        | 5.53 | 18.10       | 6.23 | 23.20       | 7.78  | 25.30       | 8.46  | 27.80       | 9.25  | 29.90       | 10.00 | 32.80       | 11.30 |
|        | 48                         | 15.60                        | 5.91 | 18.10       | 6.69 | 23.20       | 8.31  | 25.30       | 9.04  | 27.80       | 9.88  | 29.90       | 10.67 | 32.80       | 12.05 |
|        | 50                         | 15.60                        | 6.35 | 18.10       | 7.19 | 23.20       | 8.88  | 25.30       | 9.65  | 27.80       | 10.55 | 29.90       | 11.40 | 32.80       | 12.86 |
|        | 52                         | 15.60                        | 6.81 | 18.10       | 7.74 | 23.20       | 9.49  | 25.30       | 10.31 | 27.80       | 11.27 | 29.90       | 11.40 | 32.80       | 12.87 |
| 50     | 10                         | 4.10                         | 0.37 | 6.60        | 0.41 | 9.40        | 0.58  | 10.00       | 0.62  | 10.70       | 0.65  | 11.40       | 0.71  | 12.10       | 0.76  |
|        | 12                         | 4.10                         | 0.32 | 6.60        | 0.36 | 9.40        | 0.52  | 10.00       | 0.58  | 10.70       | 0.63  | 11.40       | 0.69  | 12.10       | 0.74  |
|        | 14                         | 4.10                         | 0.28 | 6.60        | 0.35 | 9.40        | 0.50  | 10.00       | 0.56  | 10.70       | 0.60  | 11.40       | 0.65  | 12.10       | 0.71  |
|        | 16                         | 4.10                         | 0.27 | 6.60        | 0.34 | 9.40        | 0.49  | 10.00       | 0.53  | 10.70       | 0.57  | 11.40       | 0.62  | 12.10       | 0.68  |
|        | 18                         | 4.10                         | 0.26 | 6.60        | 0.33 | 9.40        | 0.47  | 10.00       | 0.51  | 10.70       | 0.56  | 11.40       | 0.60  | 12.10       | 0.65  |
|        | 20                         | 4.10                         | 0.25 | 6.60        | 0.32 | 9.40        | 0.45  | 10.00       | 0.50  | 10.70       | 0.56  | 11.40       | 0.61  | 12.10       | 0.68  |
|        | 21                         | 4.70                         | 0.24 | 7.10        | 0.34 | 9.90        | 0.51  | 10.50       | 0.56  | 11.20       | 0.63  | 11.80       | 0.69  | 12.50       | 0.77  |
|        | 23                         | 5.70                         | 0.49 | 8.20        | 0.74 | 10.90       | 1.48  | 11.50       | 1.55  | 12.10       | 1.64  | 12.70       | 1.72  | 13.30       | 1.80  |
|        | 25                         | 8.90                         | 1.44 | 9.60        | 1.49 | 12.00       | 1.70  | 12.60       | 1.78  | 13.10       | 1.88  | 13.60       | 1.95  | 14.20       | 2.07  |
|        | 27                         | 8.80                         | 1.55 | 10.40       | 1.70 | 13.10       | 2.00  | 13.60       | 2.12  | 14.20       | 2.22  | 14.50       | 2.30  | 15.80       | 2.48  |
|        | 29                         | 9.20                         | 1.74 | 11.50       | 2.02 | 14.20       | 2.42  | 14.70       | 2.52  | 15.20       | 2.63  | 16.10       | 2.82  | 18.70       | 3.25  |
|        | 31                         | 10.40                        | 2.11 | 12.70       | 2.48 | 15.30       | 2.99  | 15.80       | 3.15  | 17.10       | 3.42  | 19.10       | 3.81  | 21.60       | 4.30  |
|        | 33                         | 11.60                        | 2.67 | 13.80       | 3.12 | 16.50       | 3.71  | 18.10       | 4.00  | 20.10       | 4.37  | 22.00       | 4.72  | 24.50       | 5.30  |
|        | 35                         | 12.90                        | 3.45 | 15.10       | 3.78 | 19.30       | 4.63  | 21.10       | 5.03  | 23.20       | 5.45  | 24.90       | 5.83  | 27.40       | 6.51  |
|        | 37                         | 12.90                        | 3.63 | 15.10       | 4.00 | 19.30       | 4.92  | 21.10       | 5.34  | 23.20       | 5.80  | 24.90       | 6.22  | 27.40       | 6.94  |
|        | 39                         | 12.90                        | 3.83 | 15.10       | 4.24 | 19.30       | 5.24  | 21.10       | 5.70  | 23.20       | 6.18  | 24.90       | 6.63  | 27.40       | 7.40  |
|        | 41                         | 12.90                        | 4.05 | 15.10       | 4.50 | 19.30       | 5.59  | 21.10       | 6.08  | 23.20       | 6.59  | 24.90       | 7.07  | 27.40       | 7.91  |
|        | 43                         | 12.90                        | 4.29 | 15.10       | 4.78 | 19.30       | 5.98  | 21.10       | 6.49  | 23.20       | 7.04  | 24.90       | 7.55  | 27.40       | 8.44  |
|        | 46                         | 12.90                        | 4.71 | 15.10       | 5.27 | 19.30       | 6.63  | 21.10       | 7.17  | 23.20       | 7.78  | 24.90       | 8.33  | 27.40       | 9.31  |
|        | 48                         | 12.90                        | 5.03 | 15.10       | 5.63 | 19.30       | 7.11  | 21.10       | 7.66  | 23.20       | 8.31  | 24.90       | 8.91  | 27.40       | 9.95  |
|        | 50                         | 12.90                        | 5.37 | 15.10       | 6.03 | 19.30       | 7.61  | 21.10       | 8.20  | 23.20       | 8.89  | 24.90       | 9.52  | 27.40       | 10.62 |
|        | 52                         | 12.90                        | 5.75 | 15.10       | 6.47 | 19.30       | 8.15  | 21.10       | 8.77  | 23.20       | 9.50  | 24.90       | 10.17 | 27.40       | 11.34 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM200LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 11.90                        | 0.80  | 19.10       | 1.28  | 27.10       | 1.83  | 29.00       | 1.97  | 30.90       | 2.11  | 32.90       | 2.26  | 35.00       | 2.45  |
|        | 12                         | 11.90                        | 0.80  | 19.10       | 1.29  | 27.10       | 1.85  | 29.00       | 1.99  | 30.90       | 2.13  | 32.90       | 2.28  | 35.00       | 2.49  |
|        | 14                         | 11.90                        | 0.77  | 19.10       | 1.29  | 27.10       | 1.87  | 29.00       | 2.02  | 30.90       | 2.12  | 32.90       | 2.31  | 35.00       | 2.55  |
|        | 16                         | 11.90                        | 0.76  | 19.10       | 1.31  | 27.10       | 1.93  | 29.00       | 2.05  | 30.90       | 2.19  | 32.90       | 2.39  | 35.00       | 2.68  |
|        | 18                         | 11.90                        | 0.77  | 19.10       | 1.33  | 27.10       | 2.00  | 29.00       | 2.16  | 30.90       | 2.34  | 32.90       | 2.57  | 35.00       | 2.95  |
|        | 20                         | 11.90                        | 0.80  | 19.10       | 1.42  | 27.10       | 2.25  | 29.00       | 2.45  | 30.90       | 2.73  | 32.90       | 3.10  | 35.00       | 3.61  |
|        | 21                         | 13.50                        | 1.01  | 20.60       | 1.80  | 28.50       | 3.02  | 30.40       | 3.17  | 32.30       | 3.39  | 34.10       | 3.67  | 36.10       | 3.98  |
|        | 23                         | 16.60                        | 2.30  | 23.60       | 2.96  | 31.50       | 3.75  | 33.30       | 3.93  | 35.10       | 4.30  | 36.70       | 4.52  | 38.50       | 4.88  |
|        | 25                         | 19.90                        | 2.91  | 26.80       | 3.73  | 34.60       | 4.72  | 36.30       | 4.98  | 38.00       | 5.38  | 39.30       | 5.62  | 40.90       | 6.04  |
|        | 27                         | 23.20                        | 3.78  | 30.00       | 4.71  | 37.70       | 6.03  | 39.30       | 6.44  | 40.90       | 6.76  | 42.00       | 6.98  | 45.70       | 7.95  |
|        | 29                         | 26.60                        | 4.86  | 33.20       | 5.95  | 40.90       | 7.53  | 42.40       | 7.87  | 43.90       | 8.24  | 46.60       | 8.89  | 54.00       | 11.18 |
|        | 31                         | 30.10                        | 6.10  | 36.60       | 7.37  | 44.20       | 9.26  | 45.60       | 9.64  | 49.50       | 10.77 | 55.20       | 12.54 | 62.40       | 15.52 |
|        | 33                         | 33.70                        | 7.65  | 40.00       | 9.14  | 47.60       | 11.39 | 52.30       | 12.99 | 58.20       | 15.18 | 63.70       | 17.42 | 70.70       | 21.36 |
|        | 35                         | 37.30                        | 9.61  | 43.60       | 11.33 | 55.80       | 15.92 | 61.10       | 18.25 | 66.90       | 21.18 | 72.10       | 23.86 | 79.00       | 27.29 |
|        | 37                         | 37.30                        | 10.26 | 43.60       | 12.10 | 55.80       | 16.99 | 61.00       | 19.25 | 67.00       | 22.38 | 72.10       | 24.99 | 73.70       | 26.19 |
|        | 39                         | 37.30                        | 10.95 | 43.60       | 12.91 | 55.70       | 17.14 | 61.00       | 19.72 | 66.90       | 23.01 | 69.10       | 24.09 | 68.30       | 24.27 |
|        | 41                         | 37.30                        | 11.69 | 43.60       | 13.43 | 55.80       | 17.60 | 61.00       | 20.30 | 63.90       | 21.93 | 63.90       | 21.93 | 63.10       | 22.21 |
|        | 43                         | 37.30                        | 12.48 | 43.60       | 13.57 | 55.80       | 18.78 | 58.80       | 20.48 | 58.90       | 20.46 | 58.80       | 20.45 | 58.20       | 20.79 |
|        | 46                         | 37.30                        | 13.34 | 43.60       | 14.84 | 51.80       | 18.85 | 51.70       | 18.83 | 51.80       | 18.82 | 51.70       | 18.85 | 51.10       | 19.04 |
|        | 48                         | 37.30                        | 14.10 | 43.60       | 16.34 | 47.30       | 18.24 | 47.40       | 18.30 | 47.30       | 18.23 | 47.20       | 18.21 | 46.70       | 18.45 |
|        | 50                         | 37.40                        | 15.01 | 43.10       | 17.44 | 43.00       | 17.41 | 43.00       | 17.43 | 43.00       | 17.42 | 42.90       | 17.39 | 42.40       | 17.62 |
|        | 52                         | 36.80                        | 15.98 | 37.30       | 15.32 | 37.90       | 14.55 | 38.00       | 14.38 | 38.20       | 14.21 | 38.30       | 14.07 | 38.40       | 14.15 |
| 120    | 10                         | 11.00                        | 0.74  | 17.70       | 1.18  | 25.00       | 1.69  | 26.80       | 1.81  | 28.50       | 1.94  | 30.40       | 2.07  | 32.30       | 2.23  |
|        | 12                         | 11.00                        | 0.74  | 17.70       | 1.18  | 25.00       | 1.70  | 26.80       | 1.83  | 28.50       | 1.96  | 30.40       | 2.09  | 32.30       | 2.26  |
|        | 14                         | 11.00                        | 0.71  | 17.70       | 1.19  | 25.00       | 1.72  | 26.80       | 1.85  | 28.50       | 1.99  | 30.40       | 2.10  | 32.30       | 2.28  |
|        | 16                         | 11.00                        | 0.68  | 17.70       | 1.18  | 25.00       | 1.76  | 26.80       | 1.90  | 28.50       | 2.01  | 30.40       | 2.13  | 32.30       | 2.37  |
|        | 18                         | 11.00                        | 0.69  | 17.70       | 1.21  | 25.00       | 1.84  | 26.80       | 1.97  | 28.50       | 2.10  | 30.40       | 2.27  | 32.30       | 2.56  |
|        | 20                         | 11.00                        | 0.71  | 17.70       | 1.28  | 25.00       | 2.02  | 26.80       | 2.22  | 28.50       | 2.38  | 30.40       | 2.65  | 32.30       | 3.14  |
|        | 21                         | 12.40                        | 0.89  | 19.00       | 1.59  | 26.40       | 2.71  | 28.10       | 2.98  | 29.80       | 3.10  | 31.50       | 3.30  | 33.40       | 3.66  |
|        | 23                         | 15.40                        | 2.17  | 21.80       | 2.77  | 29.10       | 3.51  | 30.70       | 3.67  | 32.40       | 3.82  | 33.90       | 4.09  | 35.50       | 4.45  |
|        | 25                         | 18.40                        | 2.70  | 24.70       | 3.48  | 31.90       | 4.35  | 33.50       | 4.57  | 35.10       | 4.78  | 36.30       | 5.10  | 37.70       | 5.47  |
|        | 27                         | 21.40                        | 3.49  | 27.70       | 4.35  | 34.80       | 5.55  | 36.30       | 5.76  | 37.80       | 6.13  | 38.80       | 6.34  | 42.20       | 7.18  |
|        | 29                         | 24.60                        | 4.50  | 30.70       | 5.48  | 37.80       | 6.85  | 39.10       | 7.14  | 40.60       | 7.46  | 43.10       | 8.03  | 49.90       | 10.00 |
|        | 31                         | 27.80                        | 5.64  | 33.80       | 6.74  | 40.80       | 8.38  | 42.10       | 8.70  | 45.70       | 9.67  | 50.90       | 11.20 | 57.60       | 13.74 |
|        | 33                         | 31.10                        | 7.01  | 37.00       | 8.30  | 43.90       | 10.25 | 48.30       | 11.63 | 53.80       | 13.50 | 58.80       | 15.40 | 65.30       | 18.69 |
|        | 35                         | 34.50                        | 8.75  | 40.30       | 10.24 | 51.50       | 14.18 | 56.40       | 16.16 | 61.80       | 18.60 | 66.60       | 21.02 | 73.00       | 24.69 |
|        | 37                         | 34.50                        | 9.34  | 40.30       | 10.94 | 51.50       | 15.13 | 56.40       | 17.26 | 61.80       | 19.62 | 66.60       | 22.20 | 73.00       | 25.88 |
|        | 39                         | 34.50                        | 9.97  | 40.30       | 11.67 | 51.50       | 15.57 | 56.30       | 17.41 | 61.80       | 20.10 | 66.60       | 22.82 | 68.30       | 24.28 |
|        | 41                         | 34.50                        | 10.64 | 40.30       | 12.46 | 51.50       | 15.65 | 56.30       | 17.89 | 61.80       | 20.71 | 63.80       | 21.93 | 63.10       | 22.22 |
|        | 43                         | 34.50                        | 11.36 | 40.30       | 12.81 | 51.50       | 16.67 | 56.40       | 19.09 | 58.90       | 20.47 | 58.90       | 20.47 | 58.10       | 20.73 |
|        | 46                         | 34.50                        | 12.54 | 40.20       | 13.41 | 51.50       | 18.67 | 51.80       | 18.84 | 51.70       | 18.82 | 51.70       | 18.82 | 51.20       | 19.07 |
|        | 48                         | 34.50                        | 13.19 | 40.30       | 14.77 | 47.40       | 18.27 | 47.30       | 18.25 | 47.20       | 18.24 | 47.20       | 18.21 | 46.70       | 18.48 |
|        | 50                         | 34.50                        | 13.81 | 40.30       | 15.99 | 43.00       | 17.41 | 43.00       | 17.40 | 43.00       | 17.43 | 42.90       | 17.40 | 42.50       | 17.62 |
|        | 52                         | 34.50                        | 14.58 | 37.10       | 15.64 | 37.70       | 14.85 | 37.80       | 14.70 | 37.90       | 14.54 | 38.00       | 14.41 | 38.10       | 14.53 |
| 110    | 10                         | 10.10                        | 0.67  | 16.20       | 1.08  | 22.90       | 1.54  | 24.50       | 1.66  | 26.10       | 1.77  | 27.80       | 1.89  | 29.60       | 2.03  |
|        | 12                         | 10.10                        | 0.67  | 16.20       | 1.08  | 22.90       | 1.55  | 24.50       | 1.67  | 26.10       | 1.78  | 27.80       | 1.91  | 29.60       | 2.06  |
|        | 14                         | 10.10                        | 0.64  | 16.20       | 1.06  | 22.90       | 1.57  | 24.50       | 1.68  | 26.10       | 1.80  | 27.80       | 1.93  | 29.60       | 2.09  |
|        | 16                         | 10.10                        | 0.61  | 16.20       | 1.06  | 22.90       | 1.60  | 24.50       | 1.72  | 26.10       | 1.85  | 27.80       | 1.96  | 29.60       | 2.13  |
|        | 18                         | 10.10                        | 0.61  | 16.20       | 1.08  | 22.90       | 1.66  | 24.50       | 1.80  | 26.10       | 1.91  | 27.80       | 2.06  | 29.60       | 2.26  |
|        | 20                         | 10.10                        | 0.63  | 16.20       | 1.13  | 22.90       | 1.80  | 24.50       | 1.97  | 26.10       | 2.14  | 27.80       | 2.32  | 29.60       | 2.65  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 11.40                        | 0.77  | 17.40       | 1.39  | 24.20       | 2.33  | 25.70       | 2.61  | 27.30       | 2.86  | 28.90       | 3.04  | 30.60       | 3.25  |
|        | 23                               | 14.10                        | 2.01  | 20.00       | 2.59  | 26.70       | 3.26  | 28.20       | 3.40  | 29.70       | 3.54  | 31.00       | 3.67  | 32.50       | 3.93  |
|        | 25                               | 16.80                        | 2.51  | 22.60       | 3.17  | 29.30       | 4.00  | 30.70       | 4.19  | 32.10       | 4.36  | 33.30       | 4.52  | 34.60       | 4.86  |
|        | 27                               | 19.60                        | 3.17  | 25.30       | 4.01  | 31.90       | 5.03  | 33.20       | 5.21  | 34.60       | 5.45  | 35.50       | 5.60  | 38.60       | 6.47  |
|        | 29                               | 22.50                        | 4.15  | 28.10       | 5.02  | 34.60       | 6.22  | 35.90       | 6.46  | 37.20       | 6.74  | 39.40       | 7.22  | 45.70       | 8.90  |
|        | 31                               | 25.50                        | 5.20  | 30.90       | 6.14  | 37.40       | 7.55  | 38.60       | 7.83  | 41.90       | 8.66  | 46.70       | 9.95  | 52.80       | 12.11 |
|        | 33                               | 28.50                        | 6.41  | 33.90       | 7.51  | 40.20       | 9.18  | 44.30       | 10.36 | 49.30       | 11.95 | 53.80       | 13.55 | 59.80       | 16.29 |
|        | 35                               | 31.60                        | 7.93  | 36.90       | 9.22  | 47.20       | 12.58 | 51.70       | 14.25 | 56.60       | 16.28 | 61.00       | 18.27 | 66.80       | 21.85 |
|        | 37                               | 31.60                        | 8.47  | 36.90       | 9.84  | 47.20       | 13.43 | 51.70       | 15.21 | 56.60       | 17.39 | 61.00       | 19.53 | 66.90       | 23.12 |
|        | 39                               | 31.60                        | 9.04  | 36.90       | 10.51 | 47.20       | 14.33 | 51.70       | 15.78 | 56.60       | 17.57 | 61.00       | 19.73 | 66.90       | 23.64 |
|        | 41                               | 31.60                        | 9.65  | 36.90       | 11.22 | 47.20       | 14.61 | 51.70       | 15.75 | 56.70       | 18.03 | 61.00       | 20.31 | 63.10       | 22.23 |
|        | 43                               | 31.60                        | 10.31 | 36.90       | 11.98 | 47.20       | 14.77 | 51.60       | 16.75 | 56.70       | 19.24 | 58.80       | 20.48 | 58.20       | 20.76 |
|        | 46                               | 31.60                        | 11.38 | 36.90       | 12.48 | 47.10       | 16.50 | 51.60       | 18.76 | 51.80       | 18.85 | 51.70       | 18.83 | 51.10       | 19.08 |
|        | 48                               | 31.60                        | 12.15 | 36.90       | 13.30 | 47.20       | 18.17 | 47.20       | 18.21 | 47.40       | 18.26 | 47.20       | 18.23 | 46.60       | 18.45 |
|        | 50                               | 31.60                        | 12.83 | 36.80       | 14.40 | 43.00       | 17.45 | 43.00       | 17.44 | 43.00       | 17.43 | 43.00       | 17.40 | 42.50       | 17.61 |
|        | 52                               | 31.70                        | 13.03 | 36.80       | 15.81 | 37.40       | 15.24 | 37.50       | 15.08 | 37.60       | 14.92 | 37.40       | 14.78 | 37.90       | 14.78 |
| 100    | 10                               | 9.20                         | 0.61  | 14.70       | 0.98  | 20.80       | 1.40  | 22.30       | 1.50  | 23.80       | 1.60  | 25.30       | 1.71  | 26.90       | 1.84  |
|        | 12                               | 9.20                         | 0.61  | 14.70       | 0.98  | 20.80       | 1.40  | 22.30       | 1.51  | 23.80       | 1.61  | 25.30       | 1.72  | 26.90       | 1.86  |
|        | 14                               | 9.20                         | 0.58  | 14.70       | 0.95  | 20.80       | 1.41  | 22.30       | 1.52  | 23.80       | 1.63  | 25.30       | 1.74  | 26.90       | 1.88  |
|        | 16                               | 9.20                         | 0.54  | 14.70       | 0.93  | 20.80       | 1.42  | 22.30       | 1.55  | 23.80       | 1.66  | 25.30       | 1.78  | 26.90       | 1.94  |
|        | 18                               | 9.20                         | 0.53  | 14.70       | 0.95  | 20.80       | 1.46  | 22.30       | 1.59  | 23.80       | 1.73  | 25.30       | 1.85  | 26.90       | 2.03  |
|        | 20                               | 9.20                         | 0.55  | 14.70       | 0.99  | 20.80       | 1.58  | 22.30       | 1.73  | 23.80       | 1.88  | 25.30       | 2.05  | 26.90       | 2.34  |
|        | 21                               | 10.40                        | 0.67  | 15.90       | 1.19  | 22.00       | 1.99  | 23.40       | 2.22  | 24.80       | 2.45  | 26.30       | 2.69  | 27.80       | 3.02  |
|        | 23                               | 12.80                        | 1.87  | 18.20       | 2.38  | 24.30       | 3.00  | 25.60       | 3.15  | 27.00       | 3.28  | 28.20       | 3.40  | 29.60       | 3.61  |
|        | 25                               | 15.30                        | 2.29  | 20.60       | 2.91  | 26.60       | 3.71  | 27.90       | 3.87  | 29.20       | 3.99  | 30.30       | 4.11  | 31.40       | 4.36  |
|        | 27                               | 17.80                        | 2.88  | 23.10       | 3.68  | 29.00       | 4.55  | 30.20       | 4.75  | 31.50       | 4.96  | 32.30       | 5.11  | 35.10       | 5.67  |
|        | 29                               | 20.40                        | 3.75  | 25.60       | 4.57  | 31.50       | 5.62  | 32.60       | 5.83  | 33.80       | 6.07  | 35.90       | 6.47  | 41.60       | 7.88  |
|        | 31                               | 23.10                        | 4.77  | 28.20       | 5.58  | 34.00       | 6.78  | 35.10       | 7.01  | 38.10       | 7.72  | 42.40       | 8.80  | 48.00       | 10.60 |
|        | 33                               | 25.90                        | 5.84  | 30.80       | 6.78  | 36.60       | 8.20  | 40.30       | 9.19  | 44.80       | 10.52 | 49.00       | 11.86 | 54.40       | 14.14 |
|        | 35                               | 28.70                        | 7.18  | 33.50       | 8.26  | 42.90       | 11.10 | 47.00       | 12.49 | 51.50       | 14.19 | 55.50       | 15.81 | 60.80       | 18.71 |
|        | 37                               | 28.70                        | 7.65  | 33.50       | 8.82  | 42.90       | 11.85 | 47.00       | 13.34 | 51.50       | 15.14 | 55.50       | 16.88 | 60.80       | 20.01 |
|        | 39                               | 28.70                        | 8.16  | 33.50       | 9.41  | 42.90       | 12.65 | 47.00       | 14.24 | 51.50       | 15.91 | 55.50       | 17.18 | 60.80       | 20.23 |
|        | 41                               | 28.70                        | 8.72  | 33.50       | 10.05 | 42.90       | 13.50 | 47.00       | 14.70 | 51.50       | 15.88 | 55.50       | 17.49 | 60.80       | 20.84 |
|        | 43                               | 28.70                        | 9.32  | 33.50       | 10.74 | 42.90       | 13.75 | 47.00       | 14.84 | 51.40       | 16.69 | 55.50       | 18.65 | 58.30       | 20.78 |
|        | 46                               | 28.70                        | 10.29 | 33.50       | 11.59 | 42.80       | 14.54 | 47.00       | 16.39 | 51.50       | 18.66 | 51.90       | 18.85 | 51.10       | 19.06 |
|        | 48                               | 28.70                        | 10.99 | 33.50       | 12.27 | 42.90       | 15.99 | 46.90       | 18.05 | 47.30       | 18.24 | 47.30       | 18.22 | 46.70       | 18.44 |
|        | 50                               | 28.70                        | 11.74 | 33.50       | 12.93 | 42.90       | 17.35 | 43.10       | 17.44 | 43.00       | 17.42 | 43.10       | 17.44 | 42.40       | 17.60 |
|        | 52                               | 28.70                        | 11.93 | 33.50       | 13.95 | 37.00       | 15.69 | 37.20       | 15.45 | 37.40       | 15.20 | 37.60       | 14.96 | 37.80       | 14.96 |
| 90     | 10                               | 8.30                         | 0.55  | 13.20       | 0.88  | 18.70       | 1.25  | 20.10       | 1.35  | 21.40       | 1.44  | 22.80       | 1.53  | 24.20       | 1.65  |
|        | 12                               | 8.30                         | 0.53  | 13.20       | 0.88  | 18.70       | 1.26  | 20.10       | 1.35  | 21.40       | 1.44  | 22.80       | 1.54  | 24.20       | 1.66  |
|        | 14                               | 8.30                         | 0.50  | 13.20       | 0.84  | 18.70       | 1.23  | 20.10       | 1.36  | 21.40       | 1.46  | 22.80       | 1.56  | 24.20       | 1.68  |
|        | 16                               | 8.30                         | 0.48  | 13.20       | 0.79  | 18.70       | 1.24  | 20.10       | 1.36  | 21.40       | 1.48  | 22.80       | 1.59  | 24.20       | 1.72  |
|        | 18                               | 8.30                         | 0.45  | 13.20       | 0.81  | 18.70       | 1.27  | 20.10       | 1.39  | 21.40       | 1.51  | 22.80       | 1.65  | 24.20       | 1.79  |
|        | 20                               | 8.30                         | 0.47  | 13.20       | 0.85  | 18.70       | 1.36  | 20.10       | 1.50  | 21.40       | 1.63  | 22.80       | 1.78  | 24.20       | 2.02  |
|        | 21                               | 9.30                         | 0.56  | 14.30       | 1.01  | 19.80       | 1.67  | 21.10       | 1.85  | 22.30       | 2.06  | 23.70       | 2.26  | 25.00       | 2.71  |
|        | 23                               | 11.50                        | 1.71  | 16.40       | 2.18  | 21.80       | 2.75  | 23.10       | 2.88  | 24.30       | 3.02  | 25.40       | 3.13  | 26.60       | 3.31  |
|        | 25                               | 13.80                        | 2.09  | 18.50       | 2.64  | 23.90       | 3.33  | 25.10       | 3.52  | 26.30       | 3.67  | 27.20       | 3.79  | 28.30       | 3.96  |
|        | 27                               | 16.10                        | 2.58  | 20.70       | 3.27  | 26.10       | 4.11  | 27.20       | 4.28  | 28.30       | 4.45  | 29.10       | 4.57  | 31.60       | 5.10  |
|        | 29                               | 18.40                        | 3.30  | 23.00       | 4.15  | 28.30       | 5.06  | 29.30       | 5.24  | 30.40       | 5.44  | 32.30       | 5.78  | 37.40       | 6.95  |
|        | 31                               | 20.90                        | 4.36  | 25.30       | 5.06  | 30.60       | 6.06  | 31.60       | 6.26  | 34.30       | 6.84  | 38.20       | 7.74  | 43.20       | 9.24  |
|        | 33                               | 23.30                        | 5.31  | 27.70       | 6.10  | 32.90       | 7.28  | 36.20       | 8.11  | 40.30       | 9.21  | 44.10       | 10.31 | 49.00       | 12.18 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 25.90                        | 6.46  | 30.20       | 7.37  | 38.60       | 9.73  | 42.30       | 10.89 | 46.30       | 12.27 | 50.00       | 13.60 | 54.70       | 15.94 |
|        | 37                              | 25.90                        | 6.88  | 30.20       | 7.86  | 38.60       | 10.39 | 42.30       | 11.62 | 46.30       | 13.10 | 50.00       | 14.52 | 54.70       | 17.03 |
|        | 39                              | 25.90                        | 7.35  | 30.20       | 8.39  | 38.60       | 11.10 | 42.30       | 12.41 | 46.30       | 13.98 | 50.00       | 15.50 | 54.70       | 17.88 |
|        | 41                              | 25.90                        | 7.84  | 30.20       | 8.96  | 38.60       | 11.85 | 42.30       | 13.25 | 46.30       | 14.67 | 50.00       | 15.68 | 54.70       | 17.87 |
|        | 43                              | 25.90                        | 8.38  | 30.20       | 9.58  | 38.60       | 12.65 | 42.30       | 13.70 | 46.30       | 14.83 | 50.00       | 15.98 | 54.70       | 18.82 |
|        | 46                              | 25.90                        | 9.26  | 30.20       | 10.57 | 38.60       | 13.17 | 42.20       | 14.26 | 46.40       | 16.09 | 49.90       | 17.88 | 51.20       | 19.07 |
|        | 48                              | 25.90                        | 9.89  | 30.20       | 11.30 | 38.60       | 14.03 | 42.20       | 15.69 | 46.30       | 17.73 | 47.30       | 18.25 | 46.80       | 18.49 |
|        | 50                              | 25.90                        | 10.58 | 30.20       | 11.84 | 38.60       | 15.20 | 42.20       | 17.01 | 43.00       | 17.41 | 43.10       | 17.43 | 42.60       | 17.64 |
|        | 52                              | 25.90                        | 11.31 | 30.20       | 12.20 | 36.90       | 15.93 | 37.10       | 15.68 | 37.30       | 15.42 | 37.40       | 15.18 | 37.60       | 15.19 |
| 80     | 10                              | 7.30                         | 0.49  | 11.80       | 0.78  | 16.70       | 1.11  | 17.80       | 1.19  | 19.00       | 1.27  | 20.20       | 1.36  | 21.50       | 1.46  |
|        | 12                              | 7.30                         | 0.45  | 11.80       | 0.78  | 16.70       | 1.11  | 17.80       | 1.20  | 19.00       | 1.28  | 20.20       | 1.36  | 21.50       | 1.47  |
|        | 14                              | 7.30                         | 0.43  | 11.80       | 0.74  | 16.70       | 1.08  | 17.80       | 1.16  | 19.00       | 1.25  | 20.20       | 1.37  | 21.50       | 1.48  |
|        | 16                              | 7.30                         | 0.41  | 11.80       | 0.69  | 16.70       | 1.05  | 17.80       | 1.16  | 19.00       | 1.27  | 20.20       | 1.38  | 21.50       | 1.51  |
|        | 18                              | 7.30                         | 0.40  | 11.80       | 0.69  | 16.70       | 1.08  | 17.80       | 1.19  | 19.00       | 1.30  | 20.20       | 1.41  | 21.50       | 1.56  |
|        | 20                              | 7.30                         | 0.39  | 11.80       | 0.71  | 16.70       | 1.14  | 17.80       | 1.26  | 19.00       | 1.39  | 20.20       | 1.51  | 21.50       | 1.71  |
|        | 21                              | 8.30                         | 0.47  | 12.70       | 0.83  | 17.60       | 1.37  | 18.70       | 1.52  | 19.90       | 1.69  | 21.00       | 1.86  | 22.30       | 2.21  |
|        | 23                              | 10.20                        | 1.56  | 14.60       | 1.97  | 19.40       | 2.47  | 20.50       | 2.62  | 21.60       | 2.74  | 22.60       | 2.83  | 23.70       | 3.01  |
|        | 25                              | 12.20                        | 1.87  | 16.50       | 2.36  | 21.30       | 2.98  | 22.30       | 3.11  | 23.40       | 3.29  | 24.20       | 3.42  | 25.20       | 3.60  |
|        | 27                              | 14.30                        | 2.32  | 18.40       | 2.90  | 23.20       | 3.70  | 24.20       | 3.84  | 25.20       | 3.98  | 25.80       | 4.08  | 28.10       | 4.52  |
|        | 29                              | 16.40                        | 2.94  | 20.50       | 3.67  | 25.20       | 4.50  | 26.10       | 4.66  | 27.10       | 4.83  | 28.70       | 5.13  | 33.30       | 6.10  |
|        | 31                              | 18.50                        | 3.83  | 22.50       | 4.55  | 27.20       | 5.40  | 28.00       | 5.56  | 30.50       | 6.04  | 33.90       | 6.77  | 38.40       | 7.99  |
|        | 33                              | 20.70                        | 4.77  | 24.70       | 5.46  | 29.30       | 6.43  | 32.20       | 7.11  | 35.80       | 8.01  | 39.10       | 8.90  | 43.60       | 10.41 |
|        | 35                              | 23.00                        | 5.79  | 26.80       | 6.54  | 34.30       | 8.48  | 37.60       | 9.42  | 41.20       | 10.55 | 44.40       | 11.61 | 48.70       | 13.49 |
|        | 37                              | 23.00                        | 6.16  | 26.80       | 6.97  | 34.30       | 9.05  | 37.60       | 10.06 | 41.20       | 11.25 | 44.40       | 12.39 | 48.70       | 14.40 |
|        | 39                              | 23.00                        | 6.57  | 26.80       | 7.44  | 34.30       | 9.66  | 37.60       | 10.74 | 41.20       | 12.01 | 44.40       | 13.23 | 48.70       | 15.37 |
|        | 41                              | 23.00                        | 7.02  | 26.80       | 7.94  | 34.30       | 10.32 | 37.60       | 11.47 | 41.20       | 12.83 | 44.40       | 14.12 | 48.70       | 16.21 |
|        | 43                              | 23.00                        | 7.50  | 26.80       | 8.49  | 34.30       | 11.02 | 37.60       | 12.23 | 41.20       | 13.50 | 44.40       | 14.45 | 48.70       | 16.40 |
|        | 46                              | 23.00                        | 8.28  | 26.80       | 9.38  | 34.30       | 11.98 | 37.60       | 12.97 | 41.20       | 14.04 | 44.40       | 15.22 | 48.60       | 17.73 |
|        | 48                              | 23.00                        | 8.86  | 26.80       | 10.03 | 34.30       | 12.67 | 37.60       | 13.71 | 41.20       | 15.20 | 44.40       | 16.75 | 46.80       | 18.49 |
|        | 50                              | 23.00                        | 9.48  | 26.80       | 10.72 | 34.30       | 13.27 | 37.50       | 14.71 | 41.20       | 16.46 | 43.10       | 17.43 | 42.40       | 17.61 |
|        | 52                              | 23.00                        | 10.14 | 26.80       | 10.88 | 34.30       | 14.33 | 36.90       | 15.82 | 37.10       | 15.72 | 37.20       | 15.47 | 37.40       | 15.48 |
| 70     | 10                              | 6.40                         | 0.43  | 10.30       | 0.68  | 14.60       | 0.97  | 15.60       | 1.04  | 16.60       | 1.11  | 17.70       | 1.18  | 18.80       | 1.27  |
|        | 12                              | 6.40                         | 0.38  | 10.30       | 0.65  | 14.60       | 0.97  | 15.60       | 1.04  | 16.60       | 1.11  | 17.70       | 1.19  | 18.80       | 1.28  |
|        | 14                              | 6.40                         | 0.37  | 10.30       | 0.63  | 14.60       | 0.92  | 15.60       | 1.00  | 16.60       | 1.08  | 17.70       | 1.15  | 18.80       | 1.25  |
|        | 16                              | 6.40                         | 0.35  | 10.30       | 0.59  | 14.60       | 0.88  | 15.60       | 0.96  | 16.60       | 1.06  | 17.70       | 1.15  | 18.80       | 1.26  |
|        | 18                              | 6.40                         | 0.34  | 10.30       | 0.57  | 14.60       | 0.89  | 15.60       | 0.98  | 16.60       | 1.08  | 17.70       | 1.18  | 18.80       | 1.30  |
|        | 20                              | 6.40                         | 0.33  | 10.30       | 0.58  | 14.60       | 0.93  | 15.60       | 1.04  | 16.60       | 1.14  | 17.70       | 1.25  | 18.80       | 1.41  |
|        | 21                              | 7.30                         | 0.38  | 11.10       | 0.67  | 15.40       | 1.09  | 16.40       | 1.22  | 17.40       | 1.35  | 18.40       | 1.49  | 19.40       | 1.74  |
|        | 23                              | 9.00                         | 1.35  | 12.70       | 1.76  | 17.00       | 2.19  | 17.90       | 2.32  | 18.90       | 2.44  | 19.80       | 2.54  | 20.70       | 2.70  |
|        | 25                              | 10.70                        | 1.67  | 14.40       | 2.10  | 18.60       | 2.63  | 19.50       | 2.77  | 20.40       | 2.89  | 21.20       | 3.00  | 22.00       | 3.18  |
|        | 27                              | 12.50                        | 2.03  | 16.10       | 2.55  | 20.30       | 3.17  | 21.20       | 3.35  | 22.00       | 3.55  | 22.60       | 3.63  | 24.60       | 3.98  |
|        | 29                              | 14.40                        | 2.55  | 17.90       | 3.18  | 22.00       | 3.98  | 22.80       | 4.11  | 23.70       | 4.25  | 25.10       | 4.49  | 29.10       | 5.32  |
|        | 31                              | 16.20                        | 3.28  | 19.70       | 4.06  | 23.80       | 4.78  | 24.50       | 4.92  | 26.60       | 5.30  | 29.70       | 5.89  | 33.60       | 6.86  |
|        | 33                              | 18.20                        | 4.20  | 21.50       | 4.84  | 25.60       | 5.64  | 28.20       | 6.19  | 31.30       | 6.91  | 34.30       | 7.61  | 38.10       | 8.82  |
|        | 35                              | 20.20                        | 5.14  | 23.40       | 5.77  | 30.00       | 7.33  | 32.90       | 8.08  | 36.00       | 8.97  | 38.80       | 9.81  | 42.50       | 11.30 |
|        | 37                              | 20.20                        | 5.47  | 23.40       | 6.14  | 30.00       | 7.81  | 32.90       | 8.62  | 36.00       | 9.58  | 38.80       | 10.47 | 42.50       | 12.05 |
|        | 39                              | 20.20                        | 5.83  | 23.40       | 6.55  | 30.00       | 8.35  | 32.90       | 9.21  | 36.00       | 10.22 | 38.80       | 11.18 | 42.50       | 12.86 |
|        | 41                              | 20.20                        | 6.23  | 23.40       | 7.00  | 30.00       | 8.91  | 32.90       | 9.84  | 36.00       | 10.92 | 38.80       | 11.94 | 42.50       | 13.73 |
|        | 43                              | 20.20                        | 6.67  | 23.40       | 7.48  | 30.00       | 9.52  | 32.90       | 10.50 | 36.00       | 11.65 | 38.80       | 12.74 | 42.50       | 14.65 |
|        | 46                              | 20.20                        | 7.37  | 23.40       | 8.26  | 30.00       | 10.52 | 32.90       | 11.59 | 36.00       | 12.60 | 38.80       | 13.48 | 42.50       | 15.23 |
|        | 48                              | 20.20                        | 7.89  | 23.40       | 8.84  | 30.00       | 11.24 | 32.90       | 12.38 | 36.00       | 13.33 | 38.80       | 14.24 | 42.60       | 16.28 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 20.20                        | 8.44 | 23.40       | 9.46  | 30.00       | 12.00 | 32.90       | 12.88 | 36.00       | 14.02 | 38.90       | 15.33 | 42.50       | 17.63 |
|        | 52                              | 20.20                        | 9.04 | 23.40       | 10.11 | 30.00       | 12.01 | 32.90       | 13.49 | 36.00       | 15.30 | 37.00       | 15.87 | 37.10       | 15.88 |
| 60     | 10                              | 5.50                         | 0.37 | 8.80        | 0.58  | 12.50       | 0.83  | 13.40       | 0.89  | 14.30       | 0.95  | 15.20       | 1.01  | 16.10       | 1.09  |
|        | 12                              | 5.50                         | 0.32 | 8.80        | 0.53  | 12.50       | 0.80  | 13.40       | 0.89  | 14.30       | 0.95  | 15.20       | 1.01  | 16.10       | 1.09  |
|        | 14                              | 5.50                         | 0.31 | 8.80        | 0.51  | 12.50       | 0.77  | 13.40       | 0.84  | 14.30       | 0.91  | 15.20       | 0.97  | 16.10       | 1.05  |
|        | 16                              | 5.50                         | 0.30 | 8.80        | 0.49  | 12.50       | 0.73  | 13.40       | 0.79  | 14.30       | 0.86  | 15.20       | 0.92  | 16.10       | 1.02  |
|        | 18                              | 5.50                         | 0.29 | 8.80        | 0.47  | 12.50       | 0.71  | 13.40       | 0.79  | 14.30       | 0.86  | 15.20       | 0.95  | 16.10       | 1.04  |
|        | 20                              | 5.50                         | 0.27 | 8.80        | 0.47  | 12.50       | 0.74  | 13.40       | 0.82  | 14.30       | 0.91  | 15.20       | 1.00  | 16.10       | 1.12  |
|        | 21                              | 6.20                         | 0.31 | 9.50        | 0.52  | 13.20       | 0.85  | 14.00       | 0.94  | 14.90       | 1.05  | 15.80       | 1.15  | 16.70       | 1.34  |
|        | 23                              | 7.70                         | 0.90 | 10.90       | 1.45  | 14.60       | 1.92  | 15.40       | 2.03  | 16.20       | 2.14  | 16.90       | 2.22  | 17.80       | 2.37  |
|        | 25                              | 9.60                         | 1.53 | 12.40       | 1.83  | 16.00       | 2.25  | 16.70       | 2.39  | 17.50       | 2.51  | 18.20       | 2.62  | 18.90       | 2.75  |
|        | 27                              | 10.70                        | 1.78 | 13.80       | 2.18  | 17.40       | 2.71  | 18.10       | 2.86  | 18.90       | 2.99  | 19.40       | 3.11  | 21.10       | 3.43  |
|        | 29                              | 12.30                        | 2.19 | 15.30       | 2.69  | 18.90       | 3.34  | 19.60       | 3.53  | 20.30       | 3.72  | 21.50       | 3.91  | 25.00       | 4.56  |
|        | 31                              | 13.90                        | 2.79 | 16.90       | 3.43  | 20.40       | 4.18  | 21.00       | 4.30  | 22.90       | 4.62  | 25.50       | 5.08  | 28.80       | 5.84  |
|        | 33                              | 15.60                        | 3.62 | 18.50       | 4.24  | 22.00       | 4.91  | 24.20       | 5.36  | 26.90       | 5.92  | 29.40       | 6.46  | 32.70       | 7.39  |
|        | 35                              | 17.30                        | 4.44 | 20.10       | 5.02  | 25.70       | 6.28  | 28.20       | 6.86  | 30.90       | 7.55  | 33.30       | 8.20  | 36.50       | 9.34  |
|        | 37                              | 17.30                        | 4.71 | 20.10       | 5.34  | 25.70       | 6.69  | 28.20       | 7.32  | 30.90       | 8.06  | 33.30       | 8.75  | 36.50       | 9.96  |
|        | 39                              | 17.30                        | 5.06 | 20.10       | 5.70  | 25.70       | 7.15  | 28.20       | 7.81  | 30.90       | 8.60  | 33.30       | 9.35  | 36.50       | 10.64 |
|        | 41                              | 17.30                        | 5.40 | 20.10       | 6.08  | 25.70       | 7.63  | 28.20       | 8.35  | 30.90       | 9.19  | 33.30       | 9.98  | 36.50       | 11.36 |
|        | 43                              | 17.30                        | 5.77 | 20.10       | 6.51  | 25.70       | 8.15  | 28.20       | 8.92  | 30.90       | 9.81  | 33.30       | 10.66 | 36.50       | 12.13 |
|        | 46                              | 17.30                        | 6.39 | 20.10       | 7.22  | 25.70       | 9.01  | 28.20       | 9.85  | 30.90       | 10.84 | 33.30       | 11.76 | 36.50       | 13.38 |
|        | 48                              | 17.30                        | 6.85 | 20.10       | 7.73  | 25.70       | 9.64  | 28.20       | 10.53 | 30.90       | 11.57 | 33.30       | 12.55 | 36.50       | 14.07 |
|        | 50                              | 17.30                        | 7.36 | 20.10       | 8.28  | 25.70       | 10.30 | 28.20       | 11.25 | 30.90       | 12.36 | 33.30       | 13.12 | 36.50       | 14.73 |
|        | 52                              | 17.30                        | 7.93 | 20.10       | 8.86  | 25.70       | 11.00 | 28.20       | 11.43 | 30.90       | 12.38 | 33.30       | 13.67 | 36.50       | 15.79 |
| 50     | 10                              | 4.60                         | 0.36 | 7.30        | 0.49  | 10.40       | 0.69  | 11.10       | 0.73  | 11.90       | 0.79  | 12.70       | 0.84  | 13.50       | 0.90  |
|        | 12                              | 4.60                         | 0.31 | 7.30        | 0.43  | 10.40       | 0.63  | 11.10       | 0.70  | 11.90       | 0.76  | 12.70       | 0.82  | 13.50       | 0.90  |
|        | 14                              | 4.60                         | 0.30 | 7.30        | 0.41  | 10.40       | 0.61  | 11.10       | 0.67  | 11.90       | 0.72  | 12.70       | 0.78  | 13.50       | 0.86  |
|        | 16                              | 4.60                         | 0.29 | 7.30        | 0.40  | 10.40       | 0.59  | 11.10       | 0.63  | 11.90       | 0.69  | 12.70       | 0.75  | 13.50       | 0.81  |
|        | 18                              | 4.60                         | 0.27 | 7.30        | 0.38  | 10.40       | 0.56  | 11.10       | 0.61  | 11.90       | 0.66  | 12.70       | 0.73  | 13.50       | 0.80  |
|        | 20                              | 4.60                         | 0.26 | 7.30        | 0.37  | 10.40       | 0.56  | 11.10       | 0.62  | 11.90       | 0.69  | 12.70       | 0.76  | 13.50       | 0.85  |
|        | 21                              | 5.20                         | 0.26 | 7.90        | 0.40  | 11.00       | 0.63  | 11.70       | 0.70  | 12.40       | 0.77  | 13.20       | 0.85  | 13.90       | 0.97  |
|        | 23                              | 6.40                         | 0.59 | 9.10        | 0.92  | 12.10       | 1.63  | 12.80       | 1.73  | 13.50       | 1.83  | 14.10       | 1.92  | 14.80       | 2.02  |
|        | 25                              | 9.20                         | 1.48 | 10.30       | 1.57  | 13.30       | 1.92  | 13.90       | 2.02  | 14.60       | 2.12  | 15.10       | 2.21  | 15.70       | 2.33  |
|        | 27                              | 9.10                         | 1.60 | 11.50       | 1.85  | 14.50       | 2.27  | 15.10       | 2.38  | 15.70       | 2.51  | 16.20       | 2.60  | 17.60       | 2.85  |
|        | 29                              | 10.20                        | 1.90 | 12.80       | 2.27  | 15.70       | 2.76  | 16.30       | 2.89  | 16.90       | 3.04  | 18.00       | 3.27  | 20.80       | 3.80  |
|        | 31                              | 11.60                        | 2.36 | 14.00       | 2.80  | 17.00       | 3.45  | 17.50       | 3.64  | 19.00       | 3.95  | 21.20       | 4.33  | 24.00       | 4.92  |
|        | 33                              | 12.90                        | 3.03 | 15.40       | 3.60  | 18.30       | 4.16  | 20.10       | 4.55  | 22.40       | 5.00  | 24.50       | 5.42  | 27.20       | 6.12  |
|        | 35                              | 14.40                        | 3.81 | 16.70       | 4.23  | 21.50       | 5.32  | 23.50       | 5.77  | 25.70       | 6.28  | 27.80       | 6.76  | 30.40       | 7.61  |
|        | 37                              | 14.40                        | 4.10 | 16.70       | 4.55  | 21.50       | 5.66  | 23.50       | 6.15  | 25.70       | 6.70  | 27.80       | 7.21  | 30.40       | 8.12  |
|        | 39                              | 14.40                        | 4.34 | 16.70       | 4.83  | 21.50       | 6.04  | 23.50       | 6.55  | 25.70       | 7.15  | 27.80       | 7.70  | 30.40       | 8.67  |
|        | 41                              | 14.40                        | 4.61 | 16.70       | 5.14  | 21.50       | 6.45  | 23.50       | 7.00  | 25.70       | 7.63  | 27.80       | 8.22  | 30.40       | 9.25  |
|        | 43                              | 14.40                        | 4.90 | 16.70       | 5.49  | 21.50       | 6.90  | 23.50       | 7.48  | 25.70       | 8.16  | 27.80       | 8.79  | 30.40       | 9.88  |
|        | 46                              | 14.40                        | 5.40 | 16.70       | 6.08  | 21.50       | 7.63  | 23.50       | 8.27  | 25.70       | 9.02  | 27.80       | 9.70  | 30.40       | 10.90 |
|        | 48                              | 14.40                        | 5.77 | 16.70       | 6.51  | 21.50       | 8.16  | 23.50       | 8.85  | 25.70       | 9.63  | 27.80       | 10.37 | 30.40       | 11.65 |
|        | 50                              | 14.40                        | 6.19 | 16.70       | 6.99  | 21.50       | 8.74  | 23.50       | 9.46  | 25.70       | 10.30 | 27.80       | 11.08 | 30.40       | 12.44 |
|        | 52                              | 14.40                        | 6.64 | 16.70       | 7.52  | 21.50       | 9.35  | 23.50       | 10.12 | 25.70       | 11.01 | 27.80       | 11.32 | 30.40       | 12.63 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM220LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 16.60                        | 1.76  | 25.20       | 2.51  | 31.20       | 2.88  | 31.90       | 2.70  | 32.30       | 2.45  | 34.00       | 2.34  | 35.40       | 2.33  |
|        | 12                         | 16.60                        | 1.66  | 25.20       | 2.37  | 31.20       | 2.74  | 31.90       | 2.54  | 32.30       | 2.31  | 34.00       | 2.23  | 35.40       | 2.26  |
|        | 14                         | 16.60                        | 1.57  | 25.20       | 2.23  | 31.20       | 2.60  | 31.90       | 2.42  | 32.30       | 2.23  | 34.00       | 2.17  | 35.40       | 2.21  |
|        | 16                         | 16.60                        | 1.49  | 25.20       | 2.11  | 31.20       | 2.51  | 31.90       | 2.36  | 32.30       | 2.20  | 34.00       | 2.16  | 35.40       | 2.22  |
|        | 18                         | 16.60                        | 1.43  | 25.20       | 2.07  | 31.20       | 2.48  | 31.90       | 2.37  | 32.30       | 2.25  | 34.00       | 2.24  | 35.40       | 2.35  |
|        | 20                         | 16.60                        | 1.39  | 25.20       | 2.09  | 31.20       | 2.60  | 31.90       | 2.65  | 32.30       | 2.57  | 34.00       | 2.69  | 35.40       | 3.01  |
|        | 21                         | 18.80                        | 1.66  | 27.10       | 2.52  | 32.90       | 3.35  | 33.50       | 3.62  | 33.80       | 3.47  | 35.30       | 3.50  | 36.50       | 3.62  |
|        | 23                         | 23.20                        | 3.79  | 31.10       | 4.17  | 36.30       | 4.27  | 36.60       | 4.64  | 36.70       | 4.54  | 37.90       | 4.59  | 38.90       | 4.74  |
|        | 25                         | 27.70                        | 4.55  | 35.20       | 5.00  | 39.80       | 5.36  | 39.90       | 6.13  | 39.80       | 6.06  | 40.60       | 6.08  | 41.30       | 6.25  |
|        | 27                         | 32.40                        | 5.61  | 39.40       | 6.30  | 43.40       | 6.86  | 43.20       | 8.20  | 42.80       | 8.06  | 43.40       | 8.04  | 46.20       | 8.81  |
|        | 29                         | 37.10                        | 7.16  | 43.80       | 8.02  | 47.10       | 8.74  | 46.60       | 10.66 | 46.00       | 10.43 | 48.10       | 10.81 | 54.70       | 12.95 |
|        | 31                         | 42.00                        | 9.02  | 48.20       | 9.80  | 50.90       | 10.86 | 50.10       | 12.46 | 51.80       | 12.99 | 56.60       | 14.43 | 62.80       | 17.03 |
|        | 33                         | 47.00                        | 11.26 | 52.70       | 12.25 | 54.80       | 13.61 | 57.60       | 15.90 | 60.90       | 17.29 | 64.40       | 18.65 | 72.60       | 22.54 |
|        | 35                         | 52.10                        | 14.10 | 57.40       | 15.16 | 64.30       | 19.69 | 66.90       | 20.95 | 69.00       | 22.29 | 76.20       | 25.16 | 85.90       | 28.66 |
|        | 37                         | 52.10                        | 15.05 | 57.40       | 16.13 | 63.90       | 19.70 | 65.80       | 20.80 | 72.90       | 24.02 | 80.80       | 26.99 | 86.50       | 28.95 |
|        | 39                         | 52.10                        | 16.04 | 57.40       | 17.27 | 62.70       | 19.55 | 69.70       | 22.42 | 77.50       | 26.19 | 83.90       | 28.22 | 85.40       | 28.51 |
|        | 41                         | 52.10                        | 17.63 | 55.70       | 18.50 | 65.10       | 21.46 | 72.40       | 24.76 | 78.30       | 27.34 | 80.50       | 27.55 | 81.80       | 28.10 |
|        | 43                         | 52.10                        | 19.25 | 53.40       | 18.33 | 68.20       | 24.37 | 73.60       | 26.90 | 75.00       | 27.08 | 77.30       | 27.27 | 78.60       | 27.83 |
|        | 46                         | 50.50                        | 21.57 | 53.90       | 21.03 | 66.30       | 26.66 | 67.30       | 26.77 | 68.80       | 26.98 | 70.80       | 27.19 | 71.80       | 27.60 |
|        | 48                         | 44.60                        | 21.14 | 51.50       | 23.70 | 57.60       | 26.23 | 58.50       | 26.30 | 59.90       | 26.58 | 61.70       | 26.71 | 62.60       | 27.13 |
|        | 50                         | 41.30                        | 22.47 | 47.20       | 25.83 | 48.90       | 25.82 | 49.80       | 25.83 | 50.80       | 26.14 | 52.70       | 26.27 | 53.30       | 26.59 |
|        | 52                         | 39.00                        | 25.01 | 38.70       | 25.56 | 40.40       | 25.47 | 41.00       | 25.35 | 41.90       | 25.73 | 43.40       | 25.75 | 44.00       | 26.07 |
| 120    | 10                         | 15.00                        | 1.59  | 22.70       | 2.36  | 28.70       | 2.87  | 29.40       | 2.88  | 29.90       | 2.66  | 31.60       | 2.48  | 32.90       | 2.45  |
|        | 12                         | 15.00                        | 1.51  | 22.70       | 2.22  | 28.70       | 2.71  | 29.40       | 2.68  | 29.90       | 2.52  | 31.60       | 2.39  | 32.90       | 2.37  |
|        | 14                         | 15.00                        | 1.44  | 22.70       | 2.10  | 28.70       | 2.58  | 29.40       | 2.55  | 29.90       | 2.40  | 31.60       | 2.29  | 32.90       | 2.30  |
|        | 16                         | 15.00                        | 1.37  | 22.70       | 2.00  | 28.70       | 2.47  | 29.40       | 2.44  | 29.90       | 2.34  | 31.60       | 2.23  | 32.90       | 2.28  |
|        | 18                         | 15.00                        | 1.31  | 22.70       | 1.92  | 28.70       | 2.40  | 29.40       | 2.42  | 29.90       | 2.33  | 31.60       | 2.26  | 32.90       | 2.35  |
|        | 20                         | 15.00                        | 1.27  | 22.70       | 1.93  | 28.70       | 2.49  | 29.40       | 2.54  | 29.90       | 2.48  | 31.60       | 2.46  | 32.90       | 2.70  |
|        | 21                         | 17.00                        | 1.50  | 24.50       | 2.28  | 30.30       | 3.13  | 30.90       | 3.26  | 31.20       | 3.26  | 32.80       | 3.24  | 33.90       | 3.33  |
|        | 23                         | 21.00                        | 3.61  | 28.10       | 4.05  | 33.40       | 4.27  | 33.80       | 4.22  | 34.00       | 4.08  | 35.20       | 3.98  | 36.10       | 4.08  |
|        | 25                         | 25.10                        | 4.30  | 31.80       | 4.83  | 36.70       | 5.22  | 36.80       | 5.22  | 36.80       | 5.09  | 37.70       | 5.03  | 38.40       | 5.15  |
|        | 27                         | 29.30                        | 5.20  | 35.60       | 6.00  | 40.00       | 6.52  | 39.90       | 6.54  | 39.60       | 6.47  | 40.30       | 6.44  | 42.90       | 7.03  |
|        | 29                         | 33.60                        | 6.57  | 39.50       | 7.57  | 43.40       | 7.98  | 43.00       | 8.10  | 42.60       | 8.13  | 44.70       | 8.50  | 50.80       | 10.07 |
|        | 31                         | 38.00                        | 8.24  | 43.50       | 9.31  | 46.90       | 9.61  | 46.30       | 10.02 | 47.90       | 10.81 | 52.90       | 12.17 | 58.60       | 14.25 |
|        | 33                         | 42.50                        | 10.20 | 47.60       | 11.44 | 50.40       | 11.79 | 53.10       | 13.79 | 56.40       | 15.50 | 61.10       | 17.08 | 66.40       | 19.74 |
|        | 35                         | 47.20                        | 12.66 | 51.80       | 14.07 | 59.20       | 16.37 | 62.00       | 20.17 | 64.80       | 21.55 | 69.10       | 23.24 | 76.00       | 26.71 |
|        | 37                         | 47.20                        | 13.62 | 51.80       | 14.86 | 59.20       | 17.67 | 62.00       | 20.17 | 64.80       | 21.61 | 71.60       | 24.33 | 80.70       | 28.47 |
|        | 39                         | 47.20                        | 14.68 | 51.80       | 15.76 | 59.20       | 18.99 | 62.00       | 20.22 | 68.70       | 23.24 | 76.50       | 26.35 | 81.80       | 28.73 |
|        | 41                         | 47.20                        | 16.30 | 51.80       | 17.52 | 58.00       | 19.16 | 64.30       | 21.97 | 71.60       | 25.45 | 77.10       | 27.47 | 78.30       | 28.08 |
|        | 43                         | 47.20                        | 18.01 | 51.40       | 18.02 | 60.60       | 21.52 | 67.40       | 24.80 | 72.00       | 26.98 | 73.90       | 26.97 | 75.20       | 27.58 |
|        | 46                         | 45.60                        | 20.30 | 47.80       | 18.29 | 63.60       | 25.96 | 64.80       | 26.37 | 65.80       | 26.50 | 67.70       | 26.54 | 68.80       | 27.04 |
|        | 48                         | 40.40                        | 20.07 | 45.80       | 20.71 | 55.50       | 25.91 | 56.30       | 26.04 | 57.20       | 26.18 | 59.00       | 26.29 | 59.90       | 26.64 |
|        | 50                         | 35.10                        | 19.83 | 42.80       | 23.38 | 47.20       | 25.69 | 48.00       | 25.79 | 49.00       | 26.02 | 50.50       | 26.13 | 51.00       | 26.20 |
|        | 52                         | 32.50                        | 21.78 | 37.30       | 24.93 | 38.80       | 25.46 | 39.50       | 25.50 | 40.10       | 25.50 | 41.30       | 25.57 | 42.20       | 25.83 |
| 110    | 10                         | 13.50                        | 1.42  | 20.40       | 2.17  | 26.40       | 2.73  | 27.00       | 2.79  | 28.30       | 2.76  | 29.00       | 2.67  | 31.50       | 2.64  |
|        | 12                         | 13.50                        | 1.36  | 20.40       | 2.05  | 26.40       | 2.59  | 27.00       | 2.60  | 28.30       | 2.61  | 29.00       | 2.54  | 31.50       | 2.54  |
|        | 14                         | 13.50                        | 1.30  | 20.40       | 1.96  | 26.40       | 2.47  | 27.00       | 2.50  | 28.30       | 2.51  | 29.00       | 2.44  | 31.50       | 2.45  |
|        | 16                         | 13.50                        | 1.24  | 20.40       | 1.86  | 26.40       | 2.36  | 27.00       | 2.40  | 28.30       | 2.42  | 29.00       | 2.36  | 31.50       | 2.38  |
|        | 18                         | 13.50                        | 1.19  | 20.40       | 1.79  | 26.40       | 2.32  | 27.00       | 2.36  | 28.30       | 2.40  | 29.00       | 2.34  | 31.50       | 2.40  |
|        | 20                         | 13.50                        | 1.15  | 20.40       | 1.76  | 26.40       | 2.39  | 27.00       | 2.42  | 28.30       | 2.50  | 29.00       | 2.48  | 31.50       | 2.63  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 15.30                        | 1.34  | 22.00       | 2.04  | 27.80       | 2.91  | 28.30       | 2.99  | 29.60       | 3.15  | 30.10       | 3.18  | 32.50       | 3.34  |
|        | 23                              | 18.80                        | 3.41  | 25.30       | 3.85  | 30.70       | 4.18  | 31.00       | 4.07  | 32.10       | 4.11  | 32.40       | 3.96  | 34.60       | 4.00  |
|        | 25                              | 22.50                        | 4.02  | 28.60       | 4.53  | 33.70       | 4.97  | 33.70       | 4.92  | 34.80       | 4.99  | 34.70       | 4.75  | 36.80       | 4.90  |
|        | 27                              | 26.30                        | 4.83  | 32.00       | 5.50  | 36.80       | 6.10  | 36.50       | 6.04  | 37.50       | 6.05  | 37.00       | 5.76  | 41.10       | 6.45  |
|        | 29                              | 30.10                        | 5.99  | 35.50       | 6.87  | 39.90       | 7.51  | 39.40       | 7.41  | 40.30       | 7.36  | 41.10       | 7.29  | 48.60       | 8.98  |
|        | 31                              | 34.10                        | 7.49  | 39.10       | 8.42  | 43.10       | 9.01  | 42.40       | 8.89  | 45.30       | 9.44  | 48.60       | 10.11 | 56.10       | 12.27 |
|        | 33                              | 38.10                        | 9.21  | 42.80       | 10.27 | 46.40       | 10.85 | 48.70       | 11.65 | 53.30       | 13.01 | 56.10       | 13.86 | 63.60       | 16.50 |
|        | 35                              | 42.30                        | 11.33 | 46.60       | 12.58 | 54.40       | 14.63 | 56.80       | 15.82 | 61.30       | 17.80 | 63.60       | 18.72 | 71.00       | 22.06 |
|        | 37                              | 42.30                        | 12.01 | 46.60       | 13.36 | 54.40       | 15.44 | 56.80       | 16.96 | 61.30       | 19.24 | 63.60       | 20.03 | 70.50       | 23.55 |
|        | 39                              | 42.30                        | 12.96 | 46.60       | 14.21 | 54.40       | 16.57 | 56.80       | 18.40 | 61.30       | 20.61 | 66.50       | 22.61 | 75.30       | 27.15 |
|        | 41                              | 42.30                        | 14.41 | 46.60       | 15.59 | 54.40       | 18.36 | 56.80       | 20.85 | 62.80       | 23.59 | 69.70       | 26.71 | 74.80       | 29.94 |
|        | 43                              | 42.30                        | 15.67 | 46.60       | 16.80 | 53.20       | 19.97 | 59.10       | 22.81 | 65.70       | 26.04 | 70.80       | 28.06 | 71.80       | 28.55 |
|        | 46                              | 40.90                        | 16.04 | 45.10       | 16.97 | 55.60       | 23.51 | 62.00       | 26.66 | 62.80       | 26.89 | 64.70       | 27.00 | 65.60       | 27.49 |
|        | 48                              | 36.20                        | 15.73 | 40.30       | 17.12 | 53.00       | 25.68 | 53.90       | 25.83 | 54.60       | 25.97 | 56.20       | 26.01 | 57.10       | 26.43 |
|        | 50                              | 31.40                        | 15.42 | 37.90       | 18.94 | 45.00       | 24.60 | 45.90       | 24.99 | 46.50       | 25.05 | 48.00       | 25.02 | 48.60       | 25.41 |
|        | 52                              | 26.70                        | 15.09 | 34.60       | 20.88 | 37.00       | 23.62 | 37.80       | 24.15 | 38.30       | 24.00 | 39.50       | 23.91 | 40.10       | 24.37 |
| 100    | 10                              | 11.30                        | 1.25  | 17.10       | 1.97  | 23.10       | 2.58  | 24.50       | 2.67  | 25.80       | 2.68  | 28.60       | 2.84  | 29.70       | 2.81  |
|        | 12                              | 11.30                        | 1.20  | 17.10       | 1.89  | 23.10       | 2.43  | 24.50       | 2.49  | 25.80       | 2.52  | 28.60       | 2.72  | 29.70       | 2.71  |
|        | 14                              | 11.30                        | 1.16  | 17.10       | 1.81  | 23.10       | 2.31  | 24.50       | 2.37  | 25.80       | 2.40  | 28.60       | 2.63  | 29.70       | 2.62  |
|        | 16                              | 11.30                        | 1.11  | 17.10       | 1.72  | 23.10       | 2.21  | 24.50       | 2.28  | 25.80       | 2.32  | 28.60       | 2.54  | 29.70       | 2.56  |
|        | 18                              | 11.30                        | 1.06  | 17.10       | 1.64  | 23.10       | 2.13  | 24.50       | 2.22  | 25.80       | 2.30  | 28.60       | 2.52  | 29.70       | 2.55  |
|        | 20                              | 11.30                        | 1.03  | 17.10       | 1.60  | 23.10       | 2.16  | 24.50       | 2.30  | 25.80       | 2.39  | 28.60       | 2.60  | 29.70       | 2.71  |
|        | 21                              | 12.80                        | 1.19  | 18.50       | 1.81  | 24.30       | 2.58  | 25.70       | 2.77  | 26.90       | 2.94  | 29.70       | 3.18  | 30.70       | 3.58  |
|        | 23                              | 15.80                        | 3.21  | 21.20       | 3.63  | 26.90       | 4.05  | 28.20       | 4.13  | 29.30       | 4.15  | 31.90       | 4.18  | 32.70       | 4.16  |
|        | 25                              | 18.90                        | 3.73  | 24.00       | 4.22  | 29.50       | 4.74  | 30.70       | 4.90  | 31.70       | 4.99  | 34.20       | 4.92  | 34.70       | 4.94  |
|        | 27                              | 22.10                        | 4.45  | 26.90       | 5.01  | 32.10       | 5.82  | 33.20       | 6.01  | 34.20       | 6.10  | 36.50       | 6.00  | 38.80       | 6.32  |
|        | 29                              | 25.30                        | 5.40  | 29.80       | 6.20  | 34.90       | 7.21  | 35.90       | 7.42  | 36.70       | 7.43  | 40.60       | 7.60  | 45.90       | 8.61  |
|        | 31                              | 28.60                        | 6.77  | 32.80       | 7.59  | 37.70       | 8.68  | 38.60       | 8.92  | 41.30       | 9.28  | 48.00       | 10.17 | 53.00       | 11.42 |
|        | 33                              | 32.00                        | 8.22  | 35.90       | 9.18  | 40.50       | 10.48 | 44.30       | 11.64 | 48.60       | 12.26 | 55.40       | 13.48 | 60.10       | 14.96 |
|        | 35                              | 35.60                        | 10.05 | 39.10       | 11.13 | 47.50       | 14.10 | 51.70       | 15.76 | 55.80       | 16.22 | 62.40       | 17.59 | 67.00       | 19.61 |
|        | 37                              | 35.60                        | 10.76 | 39.10       | 11.95 | 47.50       | 14.95 | 51.70       | 16.51 | 55.80       | 17.23 | 61.30       | 18.35 | 65.70       | 20.71 |
|        | 39                              | 35.60                        | 11.54 | 39.10       | 12.85 | 47.50       | 15.83 | 51.70       | 17.29 | 55.80       | 18.32 | 60.30       | 19.32 | 64.60       | 21.88 |
|        | 41                              | 35.60                        | 12.64 | 39.10       | 14.10 | 47.50       | 17.14 | 51.70       | 18.99 | 55.80       | 19.89 | 59.80       | 21.26 | 67.70       | 25.44 |
|        | 43                              | 35.60                        | 13.99 | 39.10       | 15.64 | 47.50       | 18.73 | 51.70       | 20.67 | 56.00       | 22.68 | 62.30       | 25.39 | 67.50       | 28.71 |
|        | 46                              | 34.40                        | 15.80 | 37.80       | 17.66 | 47.90       | 21.95 | 52.90       | 25.93 | 58.70       | 29.57 | 60.90       | 29.85 | 61.80       | 30.51 |
|        | 48                              | 30.40                        | 13.78 | 33.50       | 15.42 | 45.60       | 21.65 | 50.70       | 25.39 | 51.30       | 25.56 | 52.90       | 25.58 | 53.70       | 26.09 |
|        | 50                              | 26.50                        | 11.73 | 30.10       | 13.71 | 42.00       | 20.50 | 43.00       | 21.13 | 43.50       | 21.21 | 45.00       | 21.27 | 45.60       | 21.58 |
|        | 52                              | 22.50                        | 9.62  | 28.30       | 12.81 | 34.10       | 16.48 | 35.40       | 16.73 | 35.90       | 16.83 | 37.10       | 16.84 | 37.60       | 17.02 |
| 90     | 10                              | 10.20                        | 1.12  | 15.50       | 1.81  | 20.80       | 2.45  | 22.10       | 2.57  | 23.20       | 2.63  | 26.00       | 2.84  | 29.40       | 3.09  |
|        | 12                              | 10.20                        | 1.07  | 15.50       | 1.71  | 20.80       | 2.29  | 22.10       | 2.39  | 23.20       | 2.45  | 26.00       | 2.64  | 29.40       | 2.90  |
|        | 14                              | 10.20                        | 1.02  | 15.50       | 1.61  | 20.80       | 2.14  | 22.10       | 2.23  | 23.20       | 2.27  | 26.00       | 2.45  | 29.40       | 2.71  |
|        | 16                              | 10.20                        | 0.98  | 15.50       | 1.52  | 20.80       | 2.00  | 22.10       | 2.08  | 23.20       | 2.12  | 26.00       | 2.29  | 29.40       | 2.54  |
|        | 18                              | 10.20                        | 0.93  | 15.50       | 1.43  | 20.80       | 1.89  | 22.10       | 1.97  | 23.20       | 2.01  | 26.00       | 2.18  | 29.40       | 2.50  |
|        | 20                              | 10.20                        | 0.89  | 15.50       | 1.37  | 20.80       | 1.83  | 22.10       | 1.92  | 23.20       | 2.01  | 26.00       | 2.26  | 29.40       | 2.60  |
|        | 21                              | 11.50                        | 1.01  | 16.70       | 1.51  | 21.90       | 2.09  | 23.10       | 2.25  | 24.20       | 2.38  | 27.00       | 2.66  | 30.30       | 3.27  |
|        | 23                              | 14.20                        | 2.83  | 19.10       | 3.16  | 24.20       | 3.53  | 25.30       | 3.62  | 26.30       | 3.64  | 29.10       | 3.82  | 32.30       | 4.20  |
|        | 25                              | 17.00                        | 3.22  | 21.70       | 3.64  | 26.50       | 4.09  | 27.60       | 4.19  | 28.50       | 4.25  | 31.10       | 4.49  | 34.30       | 4.92  |
|        | 27                              | 19.80                        | 3.80  | 24.30       | 4.27  | 28.90       | 4.88  | 29.90       | 5.04  | 30.70       | 5.16  | 33.30       | 5.39  | 38.40       | 6.22  |
|        | 29                              | 22.80                        | 4.52  | 26.90       | 5.17  | 31.40       | 5.99  | 32.30       | 6.18  | 33.00       | 6.31  | 36.90       | 6.78  | 45.40       | 8.41  |
|        | 31                              | 25.70                        | 5.61  | 29.60       | 6.33  | 33.90       | 7.20  | 34.70       | 7.39  | 37.20       | 7.94  | 43.70       | 8.91  | 52.40       | 11.01 |
|        | 33                              | 28.80                        | 6.83  | 32.40       | 7.59  | 36.50       | 8.63  | 39.80       | 9.53  | 43.70       | 10.58 | 50.40       | 11.61 | 59.10       | 14.21 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 32.00                        | 8.25  | 35.30       | 9.11  | 42.80       | 11.46 | 46.50       | 12.75 | 50.20       | 13.97 | 57.10       | 15.39 | 65.00       | 18.34 |
|        | 37                              | 32.00                        | 8.75  | 35.30       | 9.69  | 42.80       | 12.22 | 46.50       | 13.55 | 50.20       | 14.75 | 57.10       | 16.34 | 64.00       | 19.14 |
|        | 39                              | 32.00                        | 9.27  | 35.30       | 10.32 | 42.80       | 12.95 | 46.50       | 14.43 | 50.20       | 15.50 | 57.10       | 17.49 | 63.00       | 19.92 |
|        | 41                              | 32.00                        | 10.74 | 35.30       | 11.86 | 42.80       | 14.72 | 46.50       | 16.33 | 50.20       | 17.29 | 56.60       | 19.16 | 60.30       | 21.32 |
|        | 43                              | 32.00                        | 12.01 | 35.30       | 13.28 | 42.80       | 16.64 | 46.50       | 18.17 | 50.20       | 19.13 | 54.90       | 20.96 | 61.20       | 24.89 |
|        | 46                              | 30.90                        | 14.19 | 34.10       | 15.87 | 41.50       | 19.81 | 45.40       | 21.77 | 51.40       | 25.20 | 57.50       | 28.45 | 59.90       | 30.49 |
|        | 48                              | 27.30                        | 12.54 | 30.20       | 14.02 | 37.80       | 18.19 | 44.20       | 21.88 | 49.20       | 25.05 | 51.80       | 25.66 | 52.10       | 26.13 |
|        | 50                              | 23.80                        | 10.85 | 26.30       | 12.13 | 36.40       | 17.93 | 42.50       | 21.49 | 42.30       | 21.69 | 43.90       | 21.24 | 44.20       | 21.67 |
|        | 52                              | 20.30                        | 9.12  | 23.00       | 10.59 | 34.10       | 17.05 | 36.40       | 18.18 | 34.70       | 17.72 | 36.20       | 16.84 | 36.40       | 17.10 |
| 80     | 10                              | 9.00                         | 1.11  | 13.70       | 1.65  | 18.40       | 2.31  | 19.60       | 2.46  | 20.70       | 2.56  | 23.20       | 2.86  | 26.10       | 3.12  |
|        | 12                              | 9.00                         | 0.96  | 13.70       | 1.56  | 18.40       | 2.17  | 19.60       | 2.30  | 20.70       | 2.38  | 23.20       | 2.66  | 26.10       | 2.90  |
|        | 14                              | 9.00                         | 0.92  | 13.70       | 1.49  | 18.40       | 2.03  | 19.60       | 2.15  | 20.70       | 2.22  | 23.20       | 2.47  | 26.10       | 2.69  |
|        | 16                              | 9.00                         | 0.88  | 13.70       | 1.41  | 18.40       | 1.91  | 19.60       | 2.01  | 20.70       | 2.07  | 23.20       | 2.31  | 26.10       | 2.52  |
|        | 18                              | 9.00                         | 0.85  | 13.70       | 1.33  | 18.40       | 1.80  | 19.60       | 1.89  | 20.70       | 1.96  | 23.20       | 2.18  | 26.10       | 2.40  |
|        | 20                              | 9.00                         | 0.82  | 13.70       | 1.28  | 18.40       | 1.74  | 19.60       | 1.83  | 20.70       | 1.90  | 23.20       | 2.16  | 26.10       | 2.48  |
|        | 21                              | 10.20                        | 0.92  | 14.80       | 1.40  | 19.40       | 1.93  | 20.60       | 2.05  | 21.60       | 2.16  | 24.10       | 2.50  | 27.00       | 2.99  |
|        | 23                              | 12.60                        | 2.79  | 17.00       | 3.09  | 21.50       | 3.45  | 22.50       | 3.54  | 23.50       | 3.59  | 25.90       | 3.90  | 28.70       | 4.21  |
|        | 25                              | 15.10                        | 3.12  | 19.20       | 3.53  | 23.50       | 3.97  | 24.60       | 4.07  | 25.40       | 4.12  | 27.80       | 4.46  | 30.50       | 4.83  |
|        | 27                              | 17.60                        | 3.63  | 21.50       | 4.09  | 25.70       | 4.62  | 26.60       | 4.77  | 27.40       | 4.87  | 29.70       | 5.28  | 34.10       | 5.94  |
|        | 29                              | 20.20                        | 4.28  | 23.80       | 4.86  | 27.80       | 5.58  | 28.70       | 5.76  | 29.40       | 5.89  | 32.90       | 6.64  | 40.30       | 7.91  |
|        | 31                              | 22.80                        | 5.22  | 26.20       | 5.90  | 30.10       | 6.71  | 30.90       | 6.90  | 33.10       | 7.36  | 38.90       | 8.74  | 46.60       | 10.16 |
|        | 33                              | 25.60                        | 6.32  | 28.70       | 7.06  | 32.40       | 7.96  | 35.40       | 8.77  | 39.00       | 9.71  | 44.90       | 11.29 | 52.80       | 12.97 |
|        | 35                              | 28.40                        | 7.62  | 31.30       | 8.39  | 38.00       | 10.44 | 41.30       | 11.56 | 44.80       | 12.75 | 50.90       | 14.60 | 59.00       | 16.77 |
|        | 37                              | 28.40                        | 8.05  | 31.30       | 8.92  | 38.00       | 11.08 | 41.30       | 12.30 | 44.80       | 13.55 | 50.90       | 15.42 | 59.00       | 17.82 |
|        | 39                              | 28.40                        | 8.50  | 31.30       | 9.43  | 38.00       | 11.87 | 41.30       | 13.24 | 44.80       | 14.58 | 50.90       | 16.29 | 59.00       | 19.10 |
|        | 41                              | 28.40                        | 9.74  | 31.30       | 10.83 | 38.00       | 13.50 | 41.30       | 15.03 | 44.80       | 16.59 | 50.90       | 18.14 | 58.80       | 21.31 |
|        | 43                              | 28.40                        | 11.10 | 31.30       | 12.25 | 38.00       | 15.27 | 41.30       | 16.96 | 44.80       | 18.75 | 50.90       | 20.07 | 56.50       | 22.97 |
|        | 46                              | 27.50                        | 12.97 | 30.20       | 14.49 | 36.70       | 18.02 | 40.00       | 19.76 | 43.30       | 22.09 | 49.50       | 24.30 | 55.50       | 28.45 |
|        | 48                              | 24.30                        | 11.44 | 26.80       | 12.81 | 32.50       | 15.91 | 35.40       | 17.39 | 40.80       | 21.28 | 47.40       | 23.78 | 50.60       | 26.13 |
|        | 50                              | 21.10                        | 9.90  | 23.30       | 11.09 | 28.60       | 13.95 | 33.60       | 16.80 | 39.40       | 21.02 | 42.60       | 21.34 | 43.10       | 21.73 |
|        | 52                              | 17.90                        | 8.31  | 19.80       | 9.33  | 27.00       | 13.33 | 31.70       | 16.02 | 34.60       | 18.50 | 35.00       | 16.84 | 35.40       | 17.13 |
| 70     | 10                              | 7.90                         | 1.02  | 12.00       | 1.39  | 16.10       | 1.97  | 17.20       | 2.14  | 18.10       | 2.26  | 20.30       | 2.56  | 22.90       | 2.91  |
|        | 12                              | 7.90                         | 0.78  | 12.00       | 1.31  | 16.10       | 1.88  | 17.20       | 2.01  | 18.10       | 2.12  | 20.30       | 2.39  | 22.90       | 2.71  |
|        | 14                              | 7.90                         | 0.76  | 12.00       | 1.25  | 16.10       | 1.77  | 17.20       | 1.89  | 18.10       | 1.98  | 20.30       | 2.24  | 22.90       | 2.53  |
|        | 16                              | 7.90                         | 0.74  | 12.00       | 1.20  | 16.10       | 1.67  | 17.20       | 1.78  | 18.10       | 1.86  | 20.30       | 2.09  | 22.90       | 2.38  |
|        | 18                              | 7.90                         | 0.71  | 12.00       | 1.15  | 16.10       | 1.59  | 17.20       | 1.69  | 18.10       | 1.76  | 20.30       | 1.97  | 22.90       | 2.25  |
|        | 20                              | 7.90                         | 0.69  | 12.00       | 1.10  | 16.10       | 1.52  | 17.20       | 1.62  | 18.10       | 1.69  | 20.30       | 1.91  | 22.90       | 2.24  |
|        | 21                              | 8.90                         | 0.78  | 13.00       | 1.19  | 17.00       | 1.66  | 18.00       | 1.77  | 18.90       | 1.86  | 21.00       | 2.11  | 23.60       | 2.58  |
|        | 23                              | 11.00                        | 2.07  | 14.90       | 2.91  | 18.80       | 3.18  | 19.70       | 3.27  | 20.50       | 3.32  | 22.60       | 3.68  | 25.10       | 4.08  |
|        | 25                              | 13.20                        | 2.82  | 16.90       | 3.20  | 20.60       | 3.61  | 21.50       | 3.72  | 22.20       | 3.77  | 24.20       | 4.15  | 26.70       | 4.51  |
|        | 27                              | 15.40                        | 3.24  | 18.90       | 3.69  | 22.50       | 4.15  | 23.30       | 4.24  | 23.90       | 4.33  | 25.90       | 4.79  | 29.90       | 5.44  |
|        | 29                              | 17.60                        | 3.81  | 20.90       | 4.27  | 24.40       | 4.88  | 25.10       | 5.03  | 25.70       | 5.16  | 28.70       | 5.91  | 35.30       | 7.25  |
|        | 31                              | 20.00                        | 4.55  | 23.10       | 5.17  | 26.30       | 5.88  | 27.00       | 6.05  | 29.00       | 6.44  | 34.00       | 7.75  | 40.80       | 9.33  |
|        | 33                              | 22.30                        | 5.48  | 25.20       | 6.11  | 28.40       | 6.91  | 31.00       | 7.55  | 34.10       | 8.33  | 39.20       | 9.96  | 46.20       | 11.93 |
|        | 35                              | 24.80                        | 6.55  | 27.50       | 7.28  | 33.30       | 8.89  | 36.10       | 9.79  | 39.20       | 10.76 | 44.40       | 12.78 | 51.70       | 15.14 |
|        | 37                              | 24.80                        | 6.96  | 27.50       | 7.70  | 33.30       | 9.45  | 36.10       | 10.42 | 39.20       | 11.46 | 44.40       | 13.61 | 51.70       | 16.00 |
|        | 39                              | 24.80                        | 7.39  | 27.50       | 8.21  | 33.30       | 10.12 | 36.10       | 11.22 | 39.20       | 12.39 | 44.40       | 14.58 | 51.70       | 17.25 |
|        | 41                              | 24.80                        | 8.48  | 27.50       | 9.31  | 33.30       | 11.50 | 36.10       | 12.76 | 39.20       | 13.97 | 44.40       | 16.59 | 51.70       | 19.27 |
|        | 43                              | 24.80                        | 9.57  | 27.50       | 10.51 | 33.30       | 13.00 | 36.10       | 14.41 | 39.20       | 15.79 | 44.40       | 18.76 | 51.70       | 21.56 |
|        | 46                              | 24.00                        | 11.15 | 26.50       | 12.42 | 32.20       | 15.37 | 35.00       | 16.84 | 37.90       | 18.64 | 43.00       | 22.14 | 50.00       | 25.12 |
|        | 48                              | 21.30                        | 9.84  | 23.50       | 10.97 | 28.50       | 13.58 | 30.90       | 14.86 | 33.50       | 16.46 | 38.10       | 19.53 | 46.00       | 23.10 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |      |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |      | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI   | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 18.50                        | 8.50 | 20.40       | 9.48  | 24.80       | 11.74 | 26.90       | 12.83 | 30.00       | 14.79 | 36.20       | 19.03 | 43.60       | 22.09 |
|        | 52                         | 15.70                        | 7.13 | 17.40       | 7.97  | 21.00       | 9.86  | 24.20       | 11.52 | 28.30       | 14.12 | 33.90       | 18.01 | 37.00       | 18.20 |
| 60     | 10                         | 6.80                         | 0.95 | 10.30       | 1.28  | 13.80       | 1.62  | 14.70       | 1.77  | 15.50       | 1.89  | 17.40       | 2.18  | 19.60       | 2.50  |
|        | 12                         | 6.80                         | 0.64 | 10.30       | 1.05  | 13.80       | 1.54  | 14.70       | 1.68  | 15.50       | 1.80  | 17.40       | 2.05  | 19.60       | 2.36  |
|        | 14                         | 6.80                         | 0.62 | 10.30       | 1.02  | 13.80       | 1.48  | 14.70       | 1.60  | 15.50       | 1.70  | 17.40       | 1.93  | 19.60       | 2.21  |
|        | 16                         | 6.80                         | 0.61 | 10.30       | 0.99  | 13.80       | 1.40  | 14.70       | 1.52  | 15.50       | 1.61  | 17.40       | 1.82  | 19.60       | 2.08  |
|        | 18                         | 6.80                         | 0.59 | 10.30       | 0.95  | 13.80       | 1.34  | 14.70       | 1.44  | 15.50       | 1.52  | 17.40       | 1.72  | 19.60       | 1.97  |
|        | 20                         | 6.80                         | 0.57 | 10.30       | 0.91  | 13.80       | 1.29  | 14.70       | 1.38  | 15.50       | 1.46  | 17.40       | 1.65  | 19.60       | 1.92  |
|        | 21                         | 7.70                         | 0.64 | 11.10       | 0.98  | 14.60       | 1.39  | 15.50       | 1.48  | 16.20       | 1.57  | 18.10       | 1.78  | 20.30       | 2.11  |
|        | 23                         | 9.50                         | 1.44 | 12.70       | 2.12  | 16.10       | 2.94  | 16.90       | 3.01  | 17.60       | 3.04  | 19.40       | 3.35  | 21.60       | 3.79  |
|        | 25                         | 11.70                        | 2.65 | 14.40       | 2.88  | 17.60       | 3.23  | 18.40       | 3.33  | 19.00       | 3.39  | 20.80       | 3.73  | 22.90       | 4.23  |
|        | 27                         | 13.20                        | 2.89 | 16.10       | 3.25  | 19.20       | 3.66  | 20.00       | 3.77  | 20.50       | 3.84  | 22.20       | 4.20  | 25.60       | 4.96  |
|        | 29                         | 15.10                        | 3.34 | 17.90       | 3.75  | 20.90       | 4.22  | 21.50       | 4.36  | 22.00       | 4.46  | 24.70       | 5.07  | 30.30       | 6.45  |
|        | 31                         | 17.10                        | 3.92 | 19.70       | 4.41  | 22.60       | 5.03  | 23.20       | 5.20  | 24.80       | 5.53  | 29.20       | 6.59  | 35.00       | 8.23  |
|        | 33                         | 19.20                        | 4.67 | 21.50       | 5.20  | 24.30       | 5.89  | 26.60       | 6.44  | 29.20       | 7.06  | 33.70       | 8.32  | 39.70       | 10.39 |
|        | 35                         | 21.30                        | 5.55 | 23.40       | 6.16  | 28.50       | 7.48  | 31.00       | 8.19  | 33.50       | 8.93  | 38.10       | 10.52 | 44.40       | 13.03 |
|        | 37                         | 21.30                        | 5.85 | 23.40       | 6.49  | 28.50       | 7.92  | 31.00       | 8.70  | 33.50       | 9.48  | 38.10       | 11.16 | 44.40       | 13.87 |
|        | 39                         | 21.30                        | 6.21 | 23.40       | 6.91  | 28.50       | 8.55  | 31.00       | 9.33  | 33.50       | 10.21 | 38.10       | 11.98 | 44.40       | 14.88 |
|        | 41                         | 21.30                        | 6.97 | 23.40       | 7.84  | 28.50       | 9.62  | 31.00       | 10.57 | 33.50       | 11.49 | 38.10       | 13.63 | 44.40       | 16.76 |
|        | 43                         | 21.30                        | 7.85 | 23.40       | 8.86  | 28.50       | 10.87 | 31.00       | 11.94 | 33.50       | 12.98 | 38.10       | 15.42 | 44.40       | 18.95 |
|        | 46                         | 20.60                        | 9.23 | 22.70       | 10.46 | 27.60       | 12.83 | 30.00       | 14.09 | 32.40       | 15.33 | 36.90       | 18.22 | 42.90       | 22.63 |
|        | 48                         | 18.20                        | 8.15 | 20.00       | 9.23  | 24.40       | 11.34 | 26.60       | 12.44 | 28.70       | 13.53 | 32.70       | 16.09 | 37.90       | 19.99 |
|        | 50                         | 15.80                        | 7.05 | 17.40       | 7.98  | 21.20       | 9.81  | 23.10       | 10.75 | 24.90       | 11.70 | 28.40       | 13.91 | 33.00       | 17.28 |
|        | 52                         | 13.40                        | 5.93 | 14.80       | 6.69  | 18.10       | 8.24  | 19.60       | 9.02  | 21.20       | 9.82  | 25.20       | 12.28 | 30.70       | 16.18 |
| 50     | 10                         | 5.70                         | 0.99 | 8.60        | 1.17  | 11.50       | 1.44  | 12.30       | 1.48  | 12.90       | 1.49  | 14.40       | 1.72  | 16.30       | 1.99  |
|        | 12                         | 5.70                         | 0.68 | 8.60        | 0.82  | 11.50       | 1.20  | 12.30       | 1.32  | 12.90       | 1.43  | 14.40       | 1.65  | 16.30       | 1.90  |
|        | 14                         | 5.70                         | 0.57 | 8.60        | 0.80  | 11.50       | 1.16  | 12.30       | 1.27  | 12.90       | 1.37  | 14.40       | 1.56  | 16.30       | 1.80  |
|        | 16                         | 5.70                         | 0.56 | 8.60        | 0.78  | 11.50       | 1.11  | 12.30       | 1.22  | 12.90       | 1.30  | 14.40       | 1.49  | 16.30       | 1.71  |
|        | 18                         | 5.70                         | 0.54 | 8.60        | 0.75  | 11.50       | 1.07  | 12.30       | 1.17  | 12.90       | 1.25  | 14.40       | 1.42  | 16.30       | 1.63  |
|        | 20                         | 5.70                         | 0.52 | 8.60        | 0.73  | 11.50       | 1.04  | 12.30       | 1.12  | 12.90       | 1.20  | 14.40       | 1.36  | 16.30       | 1.58  |
|        | 21                         | 6.40                         | 0.52 | 9.30        | 0.78  | 12.20       | 1.10  | 12.90       | 1.19  | 13.50       | 1.27  | 15.00       | 1.43  | 16.90       | 1.69  |
|        | 23                         | 7.90                         | 0.99 | 10.70       | 1.42  | 13.40       | 2.56  | 14.10       | 2.74  | 14.60       | 2.79  | 16.10       | 3.01  | 18.00       | 3.35  |
|        | 25                         | 11.30                        | 2.62 | 12.10       | 2.58  | 14.70       | 2.85  | 15.30       | 2.92  | 15.80       | 3.00  | 17.30       | 3.28  | 19.10       | 3.71  |
|        | 27                         | 11.20                        | 2.60 | 13.50       | 2.82  | 16.10       | 3.19  | 16.60       | 3.29  | 17.10       | 3.34  | 18.40       | 3.68  | 21.40       | 4.28  |
|        | 29                         | 12.70                        | 2.93 | 15.00       | 3.21  | 17.40       | 3.62  | 17.90       | 3.72  | 18.30       | 3.79  | 20.50       | 4.27  | 25.30       | 5.31  |
|        | 31                         | 14.30                        | 3.36 | 16.50       | 3.70  | 18.80       | 4.22  | 19.30       | 4.34  | 20.70       | 4.64  | 24.20       | 5.49  | 29.20       | 6.77  |
|        | 33                         | 16.00                        | 3.97 | 18.10       | 4.34  | 20.30       | 4.92  | 22.10       | 5.33  | 24.30       | 5.85  | 28.00       | 6.84  | 33.10       | 8.37  |
|        | 35                         | 17.80                        | 4.66 | 19.70       | 5.07  | 23.80       | 6.16  | 25.80       | 6.72  | 27.90       | 7.27  | 31.70       | 8.43  | 36.90       | 10.34 |
|        | 37                         | 17.80                        | 4.92 | 19.70       | 5.35  | 23.80       | 6.52  | 25.80       | 7.10  | 27.90       | 7.69  | 31.70       | 9.00  | 36.90       | 10.98 |
|        | 39                         | 17.80                        | 5.23 | 19.70       | 5.71  | 23.80       | 6.98  | 25.80       | 7.65  | 27.90       | 8.25  | 31.70       | 9.58  | 36.90       | 11.87 |
|        | 41                         | 17.80                        | 5.84 | 19.70       | 6.39  | 23.80       | 7.91  | 25.80       | 8.58  | 27.90       | 9.26  | 31.70       | 10.90 | 36.90       | 13.36 |
|        | 43                         | 17.80                        | 6.56 | 19.70       | 7.20  | 23.80       | 8.91  | 25.80       | 9.68  | 27.90       | 10.45 | 31.70       | 12.30 | 36.90       | 15.09 |
|        | 46                         | 17.20                        | 7.65 | 19.00       | 8.47  | 23.00       | 10.49 | 25.00       | 11.41 | 27.00       | 12.32 | 30.70       | 14.53 | 35.80       | 17.83 |
|        | 48                         | 15.20                        | 6.71 | 16.80       | 7.47  | 20.40       | 9.26  | 22.10       | 10.07 | 23.90       | 10.87 | 27.20       | 12.84 | 31.60       | 15.75 |
|        | 50                         | 13.20                        | 5.76 | 14.60       | 6.47  | 17.70       | 7.99  | 19.20       | 8.70  | 20.80       | 9.39  | 23.60       | 11.10 | 27.60       | 13.61 |
|        | 52                         | 11.30                        | 4.79 | 12.40       | 5.44  | 15.00       | 6.70  | 16.40       | 7.30  | 17.60       | 7.88  | 20.10       | 9.33  | 23.40       | 11.44 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM240LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 18.10                        | 2.10  | 27.40       | 2.88  | 34.10       | 3.19  | 34.80       | 2.95  | 35.30       | 2.74  | 37.10       | 2.65  | 38.60       | 2.64  |
|        | 12                               | 18.10                        | 1.97  | 27.40       | 2.70  | 34.10       | 3.03  | 34.80       | 2.79  | 35.30       | 2.63  | 37.10       | 2.55  | 38.60       | 2.58  |
|        | 14                               | 18.10                        | 1.85  | 27.40       | 2.55  | 34.10       | 2.89  | 34.80       | 2.68  | 35.30       | 2.55  | 37.10       | 2.50  | 38.60       | 2.55  |
|        | 16                               | 18.10                        | 1.76  | 27.40       | 2.41  | 34.10       | 2.81  | 34.80       | 2.64  | 35.30       | 2.54  | 37.10       | 2.51  | 38.60       | 2.59  |
|        | 18                               | 18.10                        | 1.68  | 27.40       | 2.36  | 34.10       | 2.78  | 34.80       | 2.69  | 35.30       | 2.62  | 37.10       | 2.64  | 38.60       | 2.83  |
|        | 20                               | 18.10                        | 1.63  | 27.40       | 2.40  | 34.10       | 2.95  | 34.80       | 3.06  | 35.30       | 3.10  | 37.10       | 3.28  | 38.60       | 3.69  |
|        | 21                               | 20.50                        | 1.95  | 29.60       | 2.92  | 35.90       | 3.85  | 36.50       | 4.08  | 36.90       | 3.99  | 38.50       | 4.07  | 39.90       | 4.26  |
|        | 23                               | 25.30                        | 4.14  | 34.00       | 4.54  | 39.60       | 4.76  | 40.00       | 5.36  | 40.10       | 5.31  | 41.40       | 5.42  | 42.50       | 5.66  |
|        | 25                               | 30.30                        | 5.04  | 38.40       | 5.60  | 43.50       | 6.08  | 43.50       | 7.22  | 43.40       | 7.19  | 44.30       | 7.28  | 45.10       | 7.58  |
|        | 27                               | 35.30                        | 6.37  | 43.00       | 7.17  | 47.40       | 7.94  | 47.20       | 9.77  | 46.80       | 9.66  | 47.30       | 9.68  | 50.40       | 10.74 |
|        | 29                               | 40.50                        | 8.23  | 47.70       | 9.16  | 51.40       | 10.22 | 50.90       | 12.73 | 50.20       | 12.53 | 52.60       | 13.12 | 60.20       | 16.12 |
|        | 31                               | 45.80                        | 10.43 | 52.60       | 11.30 | 55.60       | 12.93 | 54.70       | 14.99 | 56.50       | 15.76 | 61.70       | 17.70 | 70.10       | 21.70 |
|        | 33                               | 51.30                        | 13.14 | 57.50       | 14.24 | 59.80       | 16.40 | 62.80       | 19.30 | 66.40       | 21.18 | 71.20       | 23.36 | 81.10       | 28.26 |
|        | 35                               | 56.90                        | 16.59 | 62.60       | 17.70 | 70.10       | 24.00 | 73.00       | 25.69 | 76.50       | 27.77 | 84.80       | 30.66 | 95.50       | 34.97 |
|        | 37                               | 56.90                        | 17.70 | 62.60       | 18.82 | 69.60       | 23.99 | 72.30       | 25.69 | 80.60       | 29.58 | 89.40       | 32.69 | 94.50       | 34.51 |
|        | 39                               | 56.90                        | 18.86 | 62.60       | 20.12 | 68.90       | 23.97 | 76.80       | 27.83 | 85.40       | 31.76 | 91.40       | 33.56 | 93.10       | 33.92 |
|        | 41                               | 56.90                        | 20.75 | 60.80       | 21.53 | 71.40       | 26.31 | 79.40       | 30.68 | 85.30       | 33.02 | 87.80       | 33.33 | 89.10       | 33.67 |
|        | 43                               | 56.90                        | 22.67 | 58.20       | 21.29 | 74.30       | 29.12 | 80.30       | 32.39 | 81.90       | 32.58 | 84.40       | 32.83 | 85.70       | 33.47 |
|        | 46                               | 55.00                        | 25.41 | 58.20       | 24.31 | 72.20       | 31.70 | 73.30       | 31.82 | 75.00       | 32.08 | 77.20       | 32.26 | 78.50       | 32.92 |
|        | 48                               | 48.70                        | 24.89 | 55.40       | 27.54 | 62.80       | 31.22 | 63.90       | 31.36 | 65.20       | 31.61 | 67.20       | 31.78 | 68.20       | 32.31 |
|        | 50                               | 44.30                        | 25.92 | 51.50       | 30.86 | 53.30       | 30.76 | 54.40       | 30.86 | 55.40       | 31.13 | 57.40       | 31.31 | 58.00       | 31.68 |
|        | 52                               | 42.10                        | 30.79 | 40.80       | 30.83 | 43.20       | 30.86 | 44.10       | 30.84 | 45.20       | 31.32 | 46.90       | 31.39 | 48.00       | 31.91 |
| 120    | 10                               | 16.40                        | 1.92  | 24.80       | 2.74  | 31.40       | 3.21  | 32.10       | 3.19  | 32.60       | 2.91  | 34.40       | 2.76  | 35.90       | 2.76  |
|        | 12                               | 16.40                        | 1.81  | 24.80       | 2.57  | 31.40       | 3.04  | 32.10       | 2.97  | 32.60       | 2.77  | 34.40       | 2.68  | 35.90       | 2.70  |
|        | 14                               | 16.40                        | 1.72  | 24.80       | 2.42  | 31.40       | 2.90  | 32.10       | 2.84  | 32.60       | 2.66  | 34.40       | 2.61  | 35.90       | 2.65  |
|        | 16                               | 16.40                        | 1.63  | 24.80       | 2.30  | 31.40       | 2.78  | 32.10       | 2.73  | 32.60       | 2.61  | 34.40       | 2.57  | 35.90       | 2.65  |
|        | 18                               | 16.40                        | 1.55  | 24.80       | 2.22  | 31.40       | 2.72  | 32.10       | 2.72  | 32.60       | 2.64  | 34.40       | 2.63  | 35.90       | 2.76  |
|        | 20                               | 16.40                        | 1.50  | 24.80       | 2.22  | 31.40       | 2.84  | 32.10       | 2.88  | 32.60       | 2.86  | 34.40       | 2.95  | 35.90       | 3.29  |
|        | 21                               | 18.50                        | 1.78  | 26.70       | 2.66  | 33.10       | 3.63  | 33.70       | 3.76  | 34.10       | 3.74  | 35.70       | 3.72  | 37.00       | 3.85  |
|        | 23                               | 22.90                        | 3.96  | 30.70       | 4.42  | 36.50       | 4.73  | 36.90       | 4.68  | 37.10       | 4.69  | 38.40       | 4.63  | 39.40       | 4.80  |
|        | 25                               | 27.40                        | 4.78  | 34.70       | 5.39  | 40.10       | 5.88  | 40.10       | 5.89  | 40.10       | 5.98  | 41.20       | 5.94  | 41.90       | 6.13  |
|        | 27                               | 31.90                        | 5.89  | 38.90       | 6.81  | 43.70       | 7.43  | 43.50       | 7.53  | 43.20       | 7.69  | 44.00       | 7.70  | 46.80       | 8.44  |
|        | 29                               | 36.60                        | 7.55  | 43.10       | 8.67  | 47.40       | 9.13  | 46.90       | 9.43  | 46.40       | 9.68  | 48.80       | 10.19 | 55.40       | 12.24 |
|        | 31                               | 41.40                        | 9.53  | 47.40       | 10.73 | 51.20       | 11.06 | 50.50       | 11.85 | 52.30       | 13.00 | 57.70       | 14.77 | 64.00       | 17.50 |
|        | 33                               | 46.40                        | 11.91 | 51.90       | 13.29 | 55.10       | 13.65 | 57.90       | 16.63 | 61.50       | 18.84 | 66.60       | 20.91 | 72.50       | 24.44 |
|        | 35                               | 51.40                        | 14.89 | 56.50       | 16.46 | 64.60       | 19.34 | 67.60       | 24.61 | 70.60       | 26.46 | 75.40       | 28.53 | 84.60       | 32.55 |
|        | 37                               | 51.40                        | 16.03 | 56.50       | 17.37 | 64.60       | 21.06 | 67.60       | 24.58 | 71.00       | 26.65 | 79.30       | 30.02 | 89.20       | 34.44 |
|        | 39                               | 51.40                        | 17.27 | 56.50       | 18.41 | 64.60       | 22.87 | 67.70       | 24.64 | 75.60       | 28.85 | 84.20       | 31.98 | 89.10       | 34.15 |
|        | 41                               | 51.40                        | 19.19 | 56.50       | 20.45 | 63.50       | 23.32 | 70.60       | 27.02 | 78.50       | 31.55 | 84.10       | 33.23 | 85.50       | 33.75 |
|        | 43                               | 51.40                        | 21.24 | 56.10       | 21.02 | 66.10       | 25.51 | 73.50       | 29.66 | 78.40       | 32.42 | 80.60       | 32.46 | 82.10       | 33.21 |
|        | 46                               | 49.80                        | 23.95 | 51.80       | 21.05 | 68.80       | 30.47 | 70.60       | 31.34 | 71.70       | 31.45 | 73.80       | 31.56 | 75.20       | 32.30 |
|        | 48                               | 44.10                        | 23.68 | 49.30       | 23.90 | 60.50       | 30.82 | 61.30       | 30.98 | 62.40       | 31.14 | 64.30       | 31.29 | 65.30       | 31.72 |
|        | 50                               | 38.30                        | 23.39 | 45.90       | 27.11 | 51.40       | 30.61 | 52.30       | 30.81 | 53.00       | 30.81 | 54.70       | 30.93 | 55.70       | 31.30 |
|        | 52                               | 35.40                        | 26.18 | 39.20       | 30.08 | 41.30       | 30.83 | 42.00       | 30.92 | 42.90       | 30.95 | 44.40       | 31.19 | 45.80       | 31.49 |
| 110    | 10                               | 14.70                        | 1.74  | 22.30       | 2.56  | 28.80       | 3.11  | 29.40       | 3.13  | 30.90       | 3.06  | 31.60       | 2.93  | 34.30       | 2.89  |
|        | 12                               | 14.70                        | 1.65  | 22.30       | 2.41  | 28.80       | 2.94  | 29.40       | 2.93  | 30.90       | 2.90  | 31.60       | 2.80  | 34.30       | 2.81  |
|        | 14                               | 14.70                        | 1.57  | 22.30       | 2.29  | 28.80       | 2.81  | 29.40       | 2.81  | 30.90       | 2.80  | 31.60       | 2.70  | 34.30       | 2.73  |
|        | 16                               | 14.70                        | 1.49  | 22.30       | 2.17  | 28.80       | 2.68  | 29.40       | 2.70  | 30.90       | 2.71  | 31.60       | 2.63  | 34.30       | 2.69  |
|        | 18                               | 14.70                        | 1.42  | 22.30       | 2.08  | 28.80       | 2.65  | 29.40       | 2.67  | 30.90       | 2.70  | 31.60       | 2.63  | 34.30       | 2.75  |
|        | 20                               | 14.70                        | 1.37  | 22.30       | 2.05  | 28.80       | 2.74  | 29.40       | 2.76  | 30.90       | 2.84  | 31.60       | 2.83  | 34.30       | 3.10  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 16.60                        | 1.60  | 24.00       | 2.40  | 30.40       | 3.38  | 30.90       | 3.47  | 32.30       | 3.64  | 32.80       | 3.68  | 35.40       | 3.81  |
|        | 23                              | 20.50                        | 3.75  | 27.50       | 4.22  | 33.50       | 4.57  | 33.80       | 4.49  | 35.10       | 4.56  | 35.30       | 4.48  | 37.70       | 4.63  |
|        | 25                              | 24.50                        | 4.48  | 31.20       | 5.02  | 36.80       | 5.60  | 36.80       | 5.53  | 38.00       | 5.61  | 37.80       | 5.49  | 40.10       | 5.76  |
|        | 27                              | 28.60                        | 5.45  | 34.90       | 6.24  | 40.10       | 6.95  | 39.90       | 6.87  | 40.90       | 6.91  | 40.40       | 6.80  | 44.80       | 7.70  |
|        | 29                              | 32.90                        | 6.90  | 38.70       | 7.89  | 43.50       | 8.59  | 43.00       | 8.45  | 43.90       | 8.50  | 44.90       | 8.66  | 53.00       | 10.79 |
|        | 31                              | 37.20                        | 8.66  | 42.60       | 9.71  | 47.00       | 10.39 | 46.30       | 10.21 | 49.50       | 11.11 | 53.10       | 12.16 | 61.20       | 14.91 |
|        | 33                              | 41.60                        | 10.74 | 46.60       | 11.93 | 50.60       | 12.57 | 53.10       | 13.50 | 58.20       | 15.64 | 61.20       | 16.85 | 69.30       | 20.24 |
|        | 35                              | 46.10                        | 13.33 | 50.80       | 14.71 | 59.30       | 17.13 | 62.00       | 18.58 | 66.90       | 21.71 | 69.40       | 22.96 | 77.40       | 26.72 |
|        | 37                              | 46.10                        | 14.13 | 50.80       | 15.63 | 59.30       | 18.05 | 62.00       | 20.11 | 66.90       | 23.46 | 69.40       | 24.56 | 78.10       | 28.67 |
|        | 39                              | 46.10                        | 15.25 | 50.80       | 16.62 | 59.30       | 19.32 | 62.00       | 22.04 | 66.90       | 25.10 | 73.20       | 28.06 | 83.00       | 32.64 |
|        | 41                              | 46.10                        | 16.97 | 50.80       | 18.24 | 59.30       | 21.38 | 62.00       | 25.25 | 68.90       | 29.01 | 76.50       | 33.12 | 81.70       | 35.95 |
|        | 43                              | 46.10                        | 18.48 | 50.80       | 19.66 | 58.00       | 23.50 | 64.50       | 27.04 | 71.70       | 31.16 | 77.30       | 33.79 | 78.30       | 34.40 |
|        | 46                              | 44.60                        | 18.94 | 49.20       | 19.83 | 60.20       | 27.35 | 67.00       | 31.29 | 68.60       | 32.07 | 70.70       | 32.20 | 71.60       | 32.72 |
|        | 48                              | 39.50                        | 18.60 | 43.40       | 19.66 | 57.20       | 30.16 | 58.80       | 30.75 | 59.60       | 30.95 | 61.50       | 31.05 | 62.40       | 31.58 |
|        | 50                              | 34.40                        | 18.22 | 40.50       | 21.80 | 49.10       | 29.42 | 49.90       | 29.76 | 50.80       | 29.89 | 52.20       | 29.80 | 53.00       | 30.30 |
|        | 52                              | 29.10                        | 17.84 | 37.30       | 25.85 | 39.00       | 28.49 | 40.00       | 29.18 | 40.60       | 29.11 | 42.10       | 28.96 | 43.40       | 29.56 |
| 100    | 10                              | 12.40                        | 1.55  | 18.70       | 2.37  | 25.20       | 2.99  | 26.80       | 3.05  | 28.10       | 3.02  | 31.20       | 3.17  | 32.40       | 3.11  |
|        | 12                              | 12.40                        | 1.48  | 18.70       | 2.25  | 25.20       | 2.81  | 26.80       | 2.84  | 28.10       | 2.84  | 31.20       | 3.04  | 32.40       | 3.01  |
|        | 14                              | 12.40                        | 1.42  | 18.70       | 2.14  | 25.20       | 2.67  | 26.80       | 2.70  | 28.10       | 2.70  | 31.20       | 2.94  | 32.40       | 2.92  |
|        | 16                              | 12.40                        | 1.35  | 18.70       | 2.02  | 25.20       | 2.55  | 26.80       | 2.60  | 28.10       | 2.62  | 31.20       | 2.85  | 32.40       | 2.86  |
|        | 18                              | 12.40                        | 1.28  | 18.70       | 1.93  | 25.20       | 2.46  | 26.80       | 2.54  | 28.10       | 2.60  | 31.20       | 2.84  | 32.40       | 2.87  |
|        | 20                              | 12.40                        | 1.24  | 18.70       | 1.88  | 25.20       | 2.50  | 26.80       | 2.64  | 28.10       | 2.74  | 31.20       | 2.96  | 32.40       | 3.09  |
|        | 21                              | 14.00                        | 1.43  | 20.20       | 2.14  | 26.60       | 3.02  | 28.10       | 3.23  | 29.40       | 3.41  | 32.40       | 3.68  | 33.40       | 3.91  |
|        | 23                              | 17.30                        | 3.55  | 23.10       | 4.00  | 29.30       | 4.44  | 30.70       | 4.51  | 31.90       | 4.56  | 34.80       | 4.62  | 35.60       | 4.61  |
|        | 25                              | 20.60                        | 4.18  | 26.20       | 4.70  | 32.20       | 5.32  | 33.50       | 5.50  | 34.50       | 5.60  | 37.30       | 5.51  | 37.80       | 5.55  |
|        | 27                              | 24.10                        | 5.03  | 29.30       | 5.69  | 35.10       | 6.62  | 36.30       | 6.83  | 37.20       | 6.91  | 39.90       | 6.80  | 42.30       | 7.27  |
|        | 29                              | 27.60                        | 6.22  | 32.50       | 7.12  | 38.10       | 8.25  | 39.10       | 8.47  | 40.00       | 8.45  | 44.20       | 8.64  | 50.00       | 10.09 |
|        | 31                              | 31.20                        | 7.84  | 35.80       | 8.75  | 41.10       | 10.00 | 42.10       | 10.24 | 45.00       | 10.66 | 52.30       | 11.79 | 57.80       | 13.64 |
|        | 33                              | 35.00                        | 9.59  | 39.20       | 10.67 | 44.30       | 12.15 | 48.30       | 13.51 | 53.00       | 14.24 | 60.40       | 15.92 | 65.50       | 18.20 |
|        | 35                              | 38.80                        | 11.81 | 42.60       | 13.03 | 51.90       | 16.53 | 56.40       | 18.47 | 60.90       | 18.99 | 68.10       | 21.17 | 73.10       | 24.08 |
|        | 37                              | 38.80                        | 12.66 | 42.60       | 13.99 | 51.90       | 17.51 | 56.40       | 19.33 | 60.90       | 20.26 | 66.90       | 22.32 | 71.60       | 25.45 |
|        | 39                              | 38.80                        | 13.58 | 42.60       | 15.03 | 51.90       | 18.53 | 56.40       | 20.21 | 60.90       | 21.74 | 65.80       | 23.53 | 70.70       | 26.96 |
|        | 41                              | 38.80                        | 14.89 | 42.60       | 16.52 | 51.90       | 20.05 | 56.40       | 22.16 | 60.90       | 23.88 | 65.50       | 26.03 | 74.20       | 31.38 |
|        | 43                              | 38.80                        | 16.51 | 42.60       | 18.33 | 51.90       | 21.89 | 56.40       | 24.10 | 61.10       | 26.88 | 68.00       | 30.31 | 73.60       | 34.58 |
|        | 46                              | 37.50                        | 18.66 | 41.30       | 20.71 | 51.90       | 25.38 | 57.30       | 30.19 | 63.50       | 34.73 | 66.30       | 35.49 | 67.30       | 36.32 |
|        | 48                              | 33.20                        | 16.30 | 36.50       | 18.07 | 49.10       | 25.10 | 54.50       | 29.68 | 55.90       | 30.41 | 57.70       | 30.53 | 58.50       | 31.08 |
|        | 50                              | 28.90                        | 13.88 | 32.20       | 15.68 | 45.30       | 24.07 | 47.00       | 25.24 | 47.30       | 25.25 | 49.00       | 25.32 | 49.70       | 25.73 |
|        | 52                              | 24.50                        | 11.39 | 30.70       | 15.54 | 35.90       | 19.90 | 37.30       | 20.19 | 37.80       | 20.30 | 39.30       | 20.32 | 40.50       | 20.65 |
| 90     | 10                              | 11.10                        | 1.40  | 16.90       | 2.21  | 22.70       | 2.89  | 24.10       | 2.99  | 25.30       | 3.02  | 28.40       | 3.23  | 32.10       | 3.48  |
|        | 12                              | 11.10                        | 1.33  | 16.90       | 2.07  | 22.70       | 2.68  | 24.10       | 2.77  | 25.30       | 2.81  | 28.40       | 2.99  | 32.10       | 3.27  |
|        | 14                              | 11.10                        | 1.26  | 16.90       | 1.94  | 22.70       | 2.50  | 24.10       | 2.58  | 25.30       | 2.60  | 28.40       | 2.78  | 32.10       | 3.05  |
|        | 16                              | 11.10                        | 1.20  | 16.90       | 1.82  | 22.70       | 2.34  | 24.10       | 2.40  | 25.30       | 2.43  | 28.40       | 2.60  | 32.10       | 2.87  |
|        | 18                              | 11.10                        | 1.13  | 16.90       | 1.71  | 22.70       | 2.20  | 24.10       | 2.28  | 25.30       | 2.31  | 28.40       | 2.48  | 32.10       | 2.84  |
|        | 20                              | 11.10                        | 1.08  | 16.90       | 1.62  | 22.70       | 2.13  | 24.10       | 2.23  | 25.30       | 2.31  | 28.40       | 2.59  | 32.10       | 2.98  |
|        | 21                              | 12.60                        | 1.23  | 18.20       | 1.80  | 23.90       | 2.47  | 25.30       | 2.64  | 26.40       | 2.78  | 29.50       | 3.09  | 33.10       | 3.81  |
|        | 23                              | 15.50                        | 3.15  | 20.90       | 3.49  | 26.40       | 3.89  | 27.70       | 3.97  | 28.70       | 3.98  | 31.70       | 4.16  | 35.30       | 4.62  |
|        | 25                              | 18.50                        | 3.62  | 23.60       | 4.07  | 29.00       | 4.56  | 30.10       | 4.68  | 31.10       | 4.76  | 34.00       | 5.02  | 37.50       | 5.51  |
|        | 27                              | 21.60                        | 4.32  | 26.40       | 4.82  | 31.60       | 5.55  | 32.60       | 5.73  | 33.50       | 5.84  | 36.30       | 6.09  | 41.90       | 7.06  |
|        | 29                              | 24.80                        | 5.20  | 29.30       | 5.95  | 34.20       | 6.89  | 35.20       | 7.09  | 36.00       | 7.21  | 40.30       | 7.72  | 49.50       | 9.64  |
|        | 31                              | 28.10                        | 6.52  | 32.30       | 7.30  | 37.00       | 8.30  | 37.90       | 8.49  | 40.50       | 9.13  | 47.60       | 10.27 | 57.20       | 12.76 |
|        | 33                              | 31.40                        | 7.96  | 35.30       | 8.82  | 39.80       | 10.01 | 43.50       | 11.07 | 47.60       | 12.31 | 55.00       | 13.53 | 64.40       | 16.60 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 34.90                        | 9.70  | 38.40       | 10.66 | 46.70       | 13.44 | 50.70       | 14.96 | 54.70       | 16.40 | 62.30       | 18.06 | 70.90       | 21.58 |
|        | 37                              | 34.90                        | 10.29 | 38.40       | 11.35 | 46.70       | 14.34 | 50.70       | 15.90 | 54.70       | 17.30 | 62.30       | 19.15 | 69.70       | 22.64 |
|        | 39                              | 34.90                        | 10.91 | 38.40       | 12.08 | 46.70       | 15.18 | 50.70       | 16.91 | 54.70       | 18.15 | 62.30       | 20.45 | 68.70       | 23.81 |
|        | 41                              | 34.90                        | 12.66 | 38.40       | 13.90 | 46.70       | 17.26 | 50.70       | 19.14 | 54.70       | 20.24 | 61.80       | 22.52 | 65.80       | 25.80 |
|        | 43                              | 34.90                        | 14.18 | 38.40       | 15.58 | 46.70       | 19.51 | 50.70       | 21.29 | 54.70       | 22.35 | 59.80       | 24.80 | 66.80       | 29.74 |
|        | 46                              | 33.80                        | 16.78 | 37.30       | 18.65 | 45.20       | 23.22 | 49.10       | 25.15 | 55.60       | 29.27 | 62.20       | 33.29 | 65.30       | 36.30 |
|        | 48                              | 29.80                        | 14.84 | 32.90       | 16.48 | 40.70       | 20.92 | 47.60       | 25.33 | 52.80       | 29.21 | 56.30       | 30.45 | 56.80       | 31.13 |
|        | 50                              | 26.00                        | 12.86 | 28.70       | 14.26 | 38.90       | 20.74 | 45.50       | 25.02 | 46.20       | 25.90 | 47.90       | 25.38 | 48.20       | 25.84 |
|        | 52                              | 22.00                        | 10.81 | 25.00       | 12.55 | 35.80       | 20.59 | 38.30       | 21.97 | 36.50       | 21.42 | 38.20       | 20.32 | 39.10       | 20.78 |
| 80     | 10                              | 9.90                         | 1.30  | 15.00       | 2.04  | 20.10       | 2.78  | 21.40       | 2.93  | 22.60       | 3.01  | 25.30       | 3.32  | 28.50       | 3.59  |
|        | 12                              | 9.90                         | 1.20  | 15.00       | 1.92  | 20.10       | 2.60  | 21.40       | 2.72  | 22.60       | 2.78  | 25.30       | 3.07  | 28.50       | 3.32  |
|        | 14                              | 9.90                         | 1.15  | 15.00       | 1.82  | 20.10       | 2.41  | 21.40       | 2.53  | 22.60       | 2.58  | 25.30       | 2.85  | 28.50       | 3.09  |
|        | 16                              | 9.90                         | 1.09  | 15.00       | 1.71  | 20.10       | 2.26  | 21.40       | 2.36  | 22.60       | 2.41  | 25.30       | 2.67  | 28.50       | 2.89  |
|        | 18                              | 9.90                         | 1.04  | 15.00       | 1.61  | 20.10       | 2.12  | 21.40       | 2.22  | 22.60       | 2.27  | 25.30       | 2.51  | 28.50       | 2.76  |
|        | 20                              | 9.90                         | 1.00  | 15.00       | 1.54  | 20.10       | 2.05  | 21.40       | 2.15  | 22.60       | 2.21  | 25.30       | 2.50  | 28.50       | 2.87  |
|        | 21                              | 11.20                        | 1.13  | 16.10       | 1.68  | 21.20       | 2.29  | 22.50       | 2.42  | 23.60       | 2.54  | 26.30       | 2.92  | 29.40       | 3.51  |
|        | 23                              | 13.80                        | 3.12  | 18.50       | 3.44  | 23.40       | 3.81  | 24.60       | 3.91  | 25.60       | 3.94  | 28.20       | 4.27  | 31.30       | 4.61  |
|        | 25                              | 16.50                        | 3.53  | 20.90       | 3.96  | 25.70       | 4.44  | 26.80       | 4.53  | 27.70       | 4.57  | 30.30       | 4.98  | 33.30       | 5.40  |
|        | 27                              | 19.20                        | 4.14  | 23.40       | 4.63  | 28.00       | 5.26  | 29.00       | 5.41  | 29.90       | 5.51  | 32.30       | 5.96  | 37.20       | 6.74  |
|        | 29                              | 22.00                        | 4.93  | 26.00       | 5.59  | 30.40       | 6.41  | 31.30       | 6.60  | 32.10       | 6.73  | 35.90       | 7.59  | 44.00       | 9.07  |
|        | 31                              | 24.90                        | 6.10  | 28.60       | 6.82  | 32.80       | 7.73  | 33.70       | 7.92  | 36.10       | 8.47  | 42.40       | 10.07 | 50.80       | 11.78 |
|        | 33                              | 27.90                        | 7.41  | 31.30       | 8.20  | 35.30       | 9.23  | 38.70       | 10.19 | 42.50       | 11.31 | 49.00       | 13.17 | 57.60       | 15.18 |
|        | 35                              | 30.90                        | 8.95  | 34.10       | 9.82  | 41.40       | 12.25 | 45.10       | 13.57 | 48.90       | 14.98 | 55.50       | 17.16 | 64.40       | 19.77 |
|        | 37                              | 30.90                        | 9.47  | 34.10       | 10.44 | 41.40       | 13.01 | 45.10       | 14.45 | 48.90       | 15.93 | 55.50       | 18.11 | 64.40       | 21.01 |
|        | 39                              | 30.90                        | 10.00 | 34.10       | 11.05 | 41.40       | 13.93 | 45.10       | 15.54 | 48.90       | 17.11 | 55.50       | 19.12 | 64.40       | 22.50 |
|        | 41                              | 30.90                        | 11.48 | 34.10       | 12.71 | 41.40       | 15.86 | 45.10       | 17.66 | 48.90       | 19.48 | 55.50       | 21.29 | 64.20       | 25.08 |
|        | 43                              | 30.90                        | 13.11 | 34.10       | 14.39 | 41.40       | 17.94 | 45.10       | 19.93 | 48.90       | 22.01 | 55.50       | 23.53 | 61.50       | 27.00 |
|        | 46                              | 30.00                        | 15.34 | 33.00       | 17.05 | 40.10       | 21.20 | 43.60       | 23.22 | 47.20       | 25.90 | 53.60       | 28.19 | 60.10       | 33.32 |
|        | 48                              | 26.50                        | 13.56 | 29.20       | 15.09 | 35.50       | 18.70 | 38.60       | 20.43 | 44.00       | 24.64 | 51.00       | 27.64 | 55.30       | 31.21 |
|        | 50                              | 23.10                        | 11.73 | 25.40       | 13.07 | 30.90       | 16.15 | 35.90       | 19.35 | 42.00       | 24.37 | 46.50       | 25.42 | 47.00       | 25.92 |
|        | 52                              | 19.60                        | 9.87  | 21.50       | 11.00 | 29.20       | 16.20 | 34.00       | 19.83 | 36.30       | 22.31 | 36.80       | 20.35 | 37.80       | 20.78 |
| 70     | 10                              | 8.60                         | 1.21  | 13.10       | 1.72  | 17.60       | 2.42  | 18.70       | 2.60  | 19.70       | 2.72  | 22.10       | 3.04  | 24.90       | 3.43  |
|        | 12                              | 8.60                         | 1.00  | 13.10       | 1.64  | 17.60       | 2.29  | 18.70       | 2.43  | 19.70       | 2.53  | 22.10       | 2.83  | 24.90       | 3.18  |
|        | 14                              | 8.60                         | 0.96  | 13.10       | 1.55  | 17.60       | 2.15  | 18.70       | 2.26  | 19.70       | 2.35  | 22.10       | 2.63  | 24.90       | 2.96  |
|        | 16                              | 8.60                         | 0.93  | 13.10       | 1.48  | 17.60       | 2.01  | 18.70       | 2.13  | 19.70       | 2.20  | 22.10       | 2.45  | 24.90       | 2.77  |
|        | 18                              | 8.60                         | 0.89  | 13.10       | 1.40  | 17.60       | 1.91  | 18.70       | 2.01  | 19.70       | 2.07  | 22.10       | 2.30  | 24.90       | 2.62  |
|        | 20                              | 8.60                         | 0.85  | 13.10       | 1.34  | 17.60       | 1.82  | 18.70       | 1.93  | 19.70       | 2.00  | 22.10       | 2.24  | 24.90       | 2.62  |
|        | 21                              | 9.80                         | 0.96  | 14.10       | 1.45  | 18.50       | 1.99  | 19.60       | 2.11  | 20.60       | 2.20  | 23.00       | 2.49  | 25.80       | 3.05  |
|        | 23                              | 12.10                        | 2.70  | 16.20       | 3.26  | 20.50       | 3.54  | 21.50       | 3.63  | 22.40       | 3.67  | 24.70       | 4.04  | 27.40       | 4.48  |
|        | 25                              | 14.40                        | 3.21  | 18.40       | 3.61  | 22.50       | 4.05  | 23.40       | 4.16  | 24.30       | 4.19  | 26.40       | 4.60  | 29.10       | 5.00  |
|        | 27                              | 16.80                        | 3.71  | 20.60       | 4.20  | 24.50       | 4.70  | 25.40       | 4.79  | 26.10       | 4.91  | 28.20       | 5.41  | 32.60       | 6.17  |
|        | 29                              | 19.30                        | 4.40  | 22.80       | 4.91  | 26.60       | 5.62  | 27.40       | 5.78  | 28.10       | 5.90  | 31.40       | 6.76  | 38.50       | 8.36  |
|        | 31                              | 21.80                        | 5.33  | 25.10       | 6.01  | 28.70       | 6.78  | 29.40       | 6.95  | 31.60       | 7.41  | 37.10       | 8.93  | 44.50       | 10.82 |
|        | 33                              | 24.40                        | 6.45  | 27.50       | 7.13  | 30.90       | 8.01  | 33.80       | 8.77  | 37.20       | 9.70  | 42.80       | 11.61 | 50.40       | 13.98 |
|        | 35                              | 27.10                        | 7.75  | 29.90       | 8.52  | 36.20       | 10.44 | 39.40       | 11.50 | 42.70       | 12.65 | 48.50       | 15.03 | 56.40       | 17.88 |
|        | 37                              | 27.10                        | 8.23  | 29.90       | 9.01  | 36.20       | 11.09 | 39.40       | 12.25 | 42.70       | 13.48 | 48.50       | 16.02 | 56.40       | 18.88 |
|        | 39                              | 27.10                        | 8.73  | 29.90       | 9.61  | 36.20       | 11.87 | 39.40       | 13.19 | 42.70       | 14.57 | 48.50       | 17.15 | 56.40       | 20.35 |
|        | 41                              | 27.10                        | 10.01 | 29.90       | 10.93 | 36.20       | 13.52 | 39.40       | 15.01 | 42.70       | 16.43 | 48.50       | 19.53 | 56.40       | 22.75 |
|        | 43                              | 27.10                        | 11.29 | 29.90       | 12.36 | 36.20       | 15.30 | 39.40       | 16.97 | 42.70       | 18.59 | 48.50       | 22.09 | 56.40       | 25.46 |
|        | 46                              | 26.20                        | 13.19 | 29.00       | 14.61 | 35.10       | 18.11 | 38.20       | 19.84 | 41.40       | 21.96 | 46.90       | 26.07 | 54.60       | 29.66 |
|        | 48                              | 23.20                        | 11.66 | 25.70       | 12.93 | 31.00       | 16.01 | 33.80       | 17.52 | 36.60       | 19.38 | 41.50       | 22.97 | 49.40       | 26.77 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 20.20                        | 10.08 | 22.30       | 11.20 | 27.00       | 13.85 | 29.40       | 15.13 | 32.20       | 16.97 | 38.80       | 22.02 | 47.40       | 26.20 |
|        | 52                              | 17.20                        | 8.47  | 18.90       | 9.42  | 22.90       | 11.64 | 26.30       | 13.82 | 30.60       | 17.36 | 35.50       | 21.69 | 39.50       | 22.07 |
| 60     | 10                              | 7.40                         | 1.10  | 11.20       | 1.52  | 15.10       | 2.02  | 16.00       | 2.20  | 16.90       | 2.33  | 19.00       | 2.65  | 21.40       | 3.03  |
|        | 12                              | 7.40                         | 0.81  | 11.20       | 1.33  | 15.10       | 1.92  | 16.00       | 2.07  | 16.90       | 2.19  | 19.00       | 2.48  | 21.40       | 2.83  |
|        | 14                              | 7.40                         | 0.78  | 11.20       | 1.28  | 15.10       | 1.82  | 16.00       | 1.95  | 16.90       | 2.05  | 19.00       | 2.32  | 21.40       | 2.64  |
|        | 16                              | 7.40                         | 0.76  | 11.20       | 1.23  | 15.10       | 1.72  | 16.00       | 1.84  | 16.90       | 1.94  | 19.00       | 2.18  | 21.40       | 2.47  |
|        | 18                              | 7.40                         | 0.74  | 11.20       | 1.18  | 15.10       | 1.63  | 16.00       | 1.74  | 16.90       | 1.83  | 19.00       | 2.04  | 21.40       | 2.34  |
|        | 20                              | 7.40                         | 0.71  | 11.20       | 1.13  | 15.10       | 1.56  | 16.00       | 1.67  | 16.90       | 1.74  | 19.00       | 1.96  | 21.40       | 2.27  |
|        | 21                              | 8.30                         | 0.80  | 12.10       | 1.21  | 15.90       | 1.69  | 16.80       | 1.80  | 17.70       | 1.88  | 19.70       | 2.12  | 22.10       | 2.52  |
|        | 23                              | 10.30                        | 1.87  | 13.90       | 2.73  | 17.60       | 3.29  | 18.40       | 3.36  | 19.20       | 3.38  | 21.20       | 3.70  | 23.50       | 4.19  |
|        | 25                              | 12.30                        | 2.95  | 15.70       | 3.26  | 19.30       | 3.64  | 20.10       | 3.74  | 20.80       | 3.80  | 22.70       | 4.16  | 25.00       | 4.71  |
|        | 27                              | 14.40                        | 3.30  | 17.60       | 3.71  | 21.00       | 4.17  | 21.70       | 4.27  | 22.40       | 4.33  | 24.20       | 4.72  | 27.90       | 5.62  |
|        | 29                              | 16.50                        | 3.86  | 19.50       | 4.31  | 22.80       | 4.87  | 23.50       | 5.00  | 24.00       | 5.11  | 26.90       | 5.80  | 33.00       | 7.42  |
|        | 31                              | 18.70                        | 4.57  | 21.50       | 5.14  | 24.60       | 5.84  | 25.20       | 6.00  | 27.10       | 6.38  | 31.80       | 7.60  | 38.10       | 9.55  |
|        | 33                              | 20.90                        | 5.50  | 23.50       | 6.09  | 26.50       | 6.86  | 29.00       | 7.48  | 31.80       | 8.21  | 36.70       | 9.70  | 43.20       | 12.16 |
|        | 35                              | 23.20                        | 6.58  | 25.60       | 7.25  | 31.10       | 8.78  | 33.80       | 9.61  | 36.60       | 10.50 | 41.60       | 12.37 | 48.30       | 15.39 |
|        | 37                              | 23.20                        | 6.95  | 25.60       | 7.65  | 31.10       | 9.30  | 33.80       | 10.22 | 36.60       | 11.15 | 41.60       | 13.14 | 48.30       | 16.38 |
|        | 39                              | 23.20                        | 7.38  | 25.60       | 8.14  | 31.10       | 10.04 | 33.80       | 10.97 | 36.60       | 12.01 | 41.60       | 14.11 | 48.30       | 17.57 |
|        | 41                              | 23.20                        | 8.31  | 25.60       | 9.24  | 31.10       | 11.31 | 33.80       | 12.45 | 36.60       | 13.54 | 41.60       | 16.07 | 48.30       | 19.81 |
|        | 43                              | 23.20                        | 9.37  | 25.60       | 10.43 | 31.10       | 12.80 | 33.80       | 14.07 | 36.60       | 15.31 | 41.60       | 18.19 | 48.30       | 22.42 |
|        | 46                              | 22.50                        | 11.07 | 24.80       | 12.32 | 30.10       | 15.14 | 32.70       | 16.63 | 35.40       | 18.10 | 40.30       | 21.51 | 46.80       | 26.80 |
|        | 48                              | 19.80                        | 9.80  | 21.90       | 10.89 | 26.60       | 13.40 | 28.90       | 14.69 | 31.30       | 15.99 | 35.60       | 19.01 | 41.40       | 23.68 |
|        | 50                              | 17.30                        | 8.47  | 19.00       | 9.43  | 23.20       | 11.59 | 25.20       | 12.71 | 27.20       | 13.83 | 31.00       | 16.43 | 36.00       | 20.47 |
|        | 52                              | 14.70                        | 7.09  | 16.20       | 7.93  | 19.60       | 9.75  | 21.40       | 10.67 | 23.20       | 11.61 | 27.30       | 14.71 | 33.20       | 19.76 |
| 50     | 10                              | 6.20                         | 1.07  | 9.40        | 1.37  | 12.60       | 1.70  | 13.40       | 1.74  | 14.10       | 1.87  | 15.80       | 2.14  | 17.80       | 2.47  |
|        | 12                              | 6.20                         | 0.72  | 9.40        | 1.03  | 12.60       | 1.51  | 13.40       | 1.66  | 14.10       | 1.79  | 15.80       | 2.04  | 17.80       | 2.34  |
|        | 14                              | 6.20                         | 0.66  | 9.40        | 1.00  | 12.60       | 1.45  | 13.40       | 1.58  | 14.10       | 1.69  | 15.80       | 1.92  | 17.80       | 2.20  |
|        | 16                              | 6.20                         | 0.65  | 9.40        | 0.97  | 12.60       | 1.39  | 13.40       | 1.51  | 14.10       | 1.60  | 15.80       | 1.82  | 17.80       | 2.08  |
|        | 18                              | 6.20                         | 0.63  | 9.40        | 0.93  | 12.60       | 1.33  | 13.40       | 1.44  | 14.10       | 1.52  | 15.80       | 1.72  | 17.80       | 1.97  |
|        | 20                              | 6.20                         | 0.61  | 9.40        | 0.90  | 12.60       | 1.28  | 13.40       | 1.38  | 14.10       | 1.46  | 15.80       | 1.65  | 17.80       | 1.90  |
|        | 21                              | 7.00                         | 0.65  | 10.10       | 0.97  | 13.30       | 1.36  | 14.00       | 1.46  | 14.70       | 1.54  | 16.40       | 1.74  | 18.40       | 2.05  |
|        | 23                              | 8.60                         | 1.28  | 11.60       | 1.82  | 14.60       | 3.01  | 15.40       | 3.09  | 16.00       | 3.12  | 17.60       | 3.36  | 19.60       | 3.73  |
|        | 25                              | 11.60                        | 2.88  | 13.10       | 2.93  | 16.10       | 3.24  | 16.70       | 3.31  | 17.30       | 3.37  | 18.90       | 3.68  | 20.80       | 4.16  |
|        | 27                              | 12.00                        | 2.94  | 14.70       | 3.23  | 17.50       | 3.65  | 18.10       | 3.74  | 18.60       | 3.80  | 20.20       | 4.15  | 23.30       | 4.85  |
|        | 29                              | 13.80                        | 3.37  | 16.30       | 3.72  | 19.00       | 4.16  | 19.60       | 4.27  | 20.00       | 4.34  | 22.40       | 4.89  | 27.50       | 6.13  |
|        | 31                              | 15.60                        | 3.91  | 18.00       | 4.32  | 20.50       | 4.91  | 21.00       | 5.03  | 22.50       | 5.38  | 26.50       | 6.36  | 31.80       | 7.85  |
|        | 33                              | 17.50                        | 4.66  | 19.70       | 5.10  | 22.10       | 5.75  | 24.20       | 6.24  | 26.50       | 6.83  | 30.50       | 7.97  | 36.00       | 9.81  |
|        | 35                              | 19.40                        | 5.50  | 21.40       | 5.99  | 25.90       | 7.24  | 28.20       | 7.89  | 30.50       | 8.54  | 34.60       | 9.92  | 40.30       | 12.21 |
|        | 37                              | 19.40                        | 5.81  | 21.40       | 6.32  | 25.90       | 7.65  | 28.20       | 8.35  | 30.50       | 9.04  | 34.60       | 10.58 | 40.30       | 12.97 |
|        | 39                              | 19.40                        | 6.18  | 21.40       | 6.76  | 25.90       | 8.20  | 28.20       | 8.99  | 30.50       | 9.71  | 34.60       | 11.29 | 40.30       | 14.01 |
|        | 41                              | 19.40                        | 6.91  | 21.40       | 7.59  | 25.90       | 9.31  | 28.20       | 10.10 | 30.50       | 10.92 | 34.60       | 12.84 | 40.30       | 15.80 |
|        | 43                              | 19.40                        | 7.76  | 21.40       | 8.55  | 25.90       | 10.50 | 28.20       | 11.41 | 30.50       | 12.34 | 34.60       | 14.53 | 40.30       | 17.87 |
|        | 46                              | 18.80                        | 9.08  | 20.80       | 10.11 | 25.10       | 12.39 | 27.30       | 13.48 | 29.40       | 14.56 | 33.50       | 17.19 | 39.00       | 21.14 |
|        | 48                              | 16.60                        | 8.00  | 18.30       | 8.96  | 22.20       | 10.94 | 24.20       | 11.92 | 26.00       | 12.87 | 29.60       | 15.20 | 34.50       | 18.69 |
|        | 50                              | 14.40                        | 6.92  | 15.90       | 7.78  | 19.30       | 9.46  | 21.00       | 10.30 | 22.60       | 11.12 | 25.70       | 13.16 | 30.00       | 16.18 |
|        | 52                              | 12.30                        | 5.81  | 13.60       | 6.57  | 16.40       | 7.94  | 17.90       | 8.66  | 19.20       | 9.34  | 21.90       | 11.06 | 25.60       | 13.60 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM260LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 19.60                        | 2.54  | 29.70       | 3.47  | 36.90       | 3.84  | 37.70       | 3.56  | 38.20       | 3.31  | 40.10       | 3.19  | 41.80       | 3.18  |
|        | 12                         | 19.60                        | 2.37  | 29.70       | 3.26  | 36.90       | 3.66  | 37.70       | 3.36  | 38.20       | 3.16  | 40.10       | 3.07  | 41.80       | 3.11  |
|        | 14                         | 19.60                        | 2.23  | 29.70       | 3.07  | 36.90       | 3.49  | 37.70       | 3.23  | 38.20       | 3.08  | 40.10       | 3.02  | 41.80       | 3.08  |
|        | 16                         | 19.60                        | 2.12  | 29.70       | 2.91  | 36.90       | 3.38  | 37.70       | 3.18  | 38.20       | 3.06  | 40.10       | 3.03  | 41.80       | 3.13  |
|        | 18                         | 19.60                        | 2.02  | 29.70       | 2.84  | 36.90       | 3.36  | 37.70       | 3.25  | 38.20       | 3.16  | 40.10       | 3.18  | 41.80       | 3.41  |
|        | 20                         | 19.60                        | 1.97  | 29.70       | 2.89  | 36.90       | 3.55  | 37.70       | 3.69  | 38.20       | 3.74  | 40.10       | 3.95  | 41.80       | 4.44  |
|        | 21                         | 22.20                        | 2.35  | 32.10       | 3.52  | 38.90       | 4.64  | 39.60       | 4.92  | 39.90       | 4.80  | 41.70       | 4.91  | 43.20       | 5.14  |
|        | 23                         | 27.40                        | 4.99  | 36.80       | 5.48  | 42.90       | 5.73  | 43.30       | 6.46  | 43.40       | 6.40  | 44.80       | 6.53  | 46.00       | 6.82  |
|        | 25                         | 32.80                        | 6.08  | 41.60       | 6.75  | 47.10       | 7.33  | 47.20       | 8.70  | 47.00       | 8.67  | 48.00       | 8.77  | 48.90       | 9.13  |
|        | 27                         | 38.20                        | 7.67  | 46.60       | 8.63  | 51.30       | 9.58  | 51.10       | 11.78 | 50.70       | 11.64 | 51.30       | 11.67 | 54.60       | 12.94 |
|        | 29                         | 43.90                        | 9.92  | 51.70       | 11.04 | 55.70       | 12.32 | 55.10       | 15.35 | 54.40       | 15.10 | 56.90       | 15.81 | 65.20       | 19.43 |
|        | 31                         | 49.60                        | 12.57 | 56.90       | 13.62 | 60.10       | 15.58 | 59.30       | 18.06 | 61.30       | 18.99 | 66.90       | 21.34 | 76.00       | 26.15 |
|        | 33                         | 55.50                        | 15.84 | 62.30       | 17.15 | 64.70       | 19.77 | 68.10       | 23.26 | 72.00       | 25.52 | 77.10       | 28.15 | 87.90       | 34.05 |
|        | 35                         | 61.60                        | 19.99 | 67.80       | 21.34 | 75.90       | 28.92 | 79.10       | 30.97 | 82.80       | 33.48 | 91.80       | 36.95 | 103.5       | 42.14 |
|        | 37                         | 61.60                        | 21.34 | 67.80       | 22.69 | 75.40       | 28.92 | 78.30       | 30.97 | 87.40       | 35.64 | 96.90       | 39.39 | 102.2       | 41.60 |
|        | 39                         | 61.60                        | 22.73 | 67.80       | 24.25 | 74.60       | 28.89 | 83.10       | 33.53 | 92.50       | 38.28 | 99.10       | 40.45 | 100.8       | 40.88 |
|        | 41                         | 61.60                        | 25.04 | 65.80       | 25.98 | 77.30       | 31.76 | 86.00       | 37.03 | 92.40       | 39.86 | 95.20       | 40.22 | 96.60       | 40.64 |
|        | 43                         | 61.60                        | 27.39 | 63.10       | 25.73 | 80.60       | 35.19 | 86.90       | 39.15 | 88.70       | 39.38 | 91.30       | 39.67 | 92.70       | 40.46 |
|        | 46                         | 59.70                        | 30.78 | 63.10       | 29.44 | 78.20       | 38.39 | 79.40       | 38.55 | 81.20       | 38.87 | 83.60       | 39.08 | 85.00       | 39.87 |
|        | 48                         | 52.70                        | 30.20 | 60.10       | 33.40 | 68.10       | 37.88 | 69.20       | 38.03 | 70.60       | 38.34 | 72.80       | 38.54 | 74.00       | 39.20 |
|        | 50                         | 48.00                        | 31.49 | 55.70       | 37.51 | 57.80       | 37.36 | 58.80       | 37.49 | 60.10       | 37.82 | 62.10       | 38.03 | 62.90       | 38.49 |
|        | 52                         | 45.60                        | 37.47 | 44.20       | 37.51 | 46.70       | 37.56 | 47.70       | 37.53 | 49.00       | 38.12 | 50.80       | 38.20 | 52.00       | 38.83 |
| 120    | 10                         | 17.80                        | 2.32  | 26.90       | 3.30  | 34.00       | 3.87  | 34.80       | 3.84  | 35.30       | 3.50  | 37.30       | 3.33  | 38.80       | 3.33  |
|        | 12                         | 17.80                        | 2.18  | 26.90       | 3.10  | 34.00       | 3.67  | 34.80       | 3.58  | 35.30       | 3.34  | 37.30       | 3.23  | 38.80       | 3.26  |
|        | 14                         | 17.80                        | 2.07  | 26.90       | 2.92  | 34.00       | 3.49  | 34.80       | 3.42  | 35.30       | 3.20  | 37.30       | 3.14  | 38.80       | 3.19  |
|        | 16                         | 17.80                        | 1.96  | 26.90       | 2.77  | 34.00       | 3.35  | 34.80       | 3.29  | 35.30       | 3.15  | 37.30       | 3.10  | 38.80       | 3.19  |
|        | 18                         | 17.80                        | 1.87  | 26.90       | 2.67  | 34.00       | 3.27  | 34.80       | 3.28  | 35.30       | 3.19  | 37.30       | 3.17  | 38.80       | 3.32  |
|        | 20                         | 17.80                        | 1.81  | 26.90       | 2.68  | 34.00       | 3.42  | 34.80       | 3.47  | 35.30       | 3.45  | 37.30       | 3.56  | 38.80       | 3.96  |
|        | 21                         | 20.10                        | 2.14  | 29.00       | 3.20  | 35.80       | 4.37  | 36.50       | 4.53  | 36.90       | 4.51  | 38.70       | 4.48  | 40.10       | 4.64  |
|        | 23                         | 24.80                        | 4.77  | 33.20       | 5.33  | 39.50       | 5.71  | 40.00       | 5.64  | 40.10       | 5.65  | 41.60       | 5.59  | 42.70       | 5.78  |
|        | 25                         | 29.60                        | 5.75  | 37.60       | 6.49  | 43.40       | 7.08  | 43.50       | 7.10  | 43.40       | 7.20  | 44.60       | 7.16  | 45.40       | 7.39  |
|        | 27                         | 34.60                        | 7.10  | 42.10       | 8.21  | 47.30       | 8.96  | 47.20       | 9.07  | 46.80       | 9.26  | 47.60       | 9.28  | 50.70       | 10.17 |
|        | 29                         | 39.70                        | 9.10  | 46.70       | 10.45 | 51.30       | 11.01 | 50.90       | 11.36 | 50.30       | 11.67 | 52.90       | 12.28 | 60.00       | 14.75 |
|        | 31                         | 44.90                        | 11.49 | 51.40       | 12.94 | 55.40       | 13.33 | 54.70       | 14.28 | 56.60       | 15.66 | 62.60       | 17.80 | 69.20       | 21.09 |
|        | 33                         | 50.20                        | 14.35 | 56.30       | 16.02 | 59.70       | 16.46 | 62.80       | 20.04 | 66.60       | 22.71 | 72.20       | 25.21 | 78.50       | 29.46 |
|        | 35                         | 55.70                        | 17.94 | 61.20       | 19.83 | 70.00       | 23.31 | 73.30       | 29.66 | 76.50       | 31.90 | 81.70       | 34.39 | 91.60       | 39.22 |
|        | 37                         | 55.70                        | 19.32 | 61.20       | 20.93 | 70.00       | 25.39 | 73.30       | 29.63 | 76.90       | 32.13 | 85.90       | 36.18 | 96.60       | 41.52 |
|        | 39                         | 55.70                        | 20.82 | 61.20       | 22.19 | 70.00       | 27.56 | 73.40       | 29.70 | 81.90       | 34.77 | 91.20       | 38.54 | 96.50       | 41.16 |
|        | 41                         | 55.70                        | 23.17 | 61.20       | 24.68 | 68.80       | 28.15 | 76.40       | 32.61 | 85.10       | 38.07 | 91.20       | 40.10 | 92.70       | 40.72 |
|        | 43                         | 55.70                        | 25.66 | 60.80       | 25.41 | 71.70       | 30.82 | 79.60       | 35.84 | 85.00       | 39.18 | 87.40       | 39.23 | 88.90       | 40.14 |
|        | 46                         | 54.00                        | 29.01 | 56.10       | 25.50 | 74.50       | 36.91 | 76.50       | 37.97 | 77.60       | 38.10 | 80.00       | 38.22 | 81.40       | 39.12 |
|        | 48                         | 47.80                        | 28.73 | 53.40       | 29.01 | 65.50       | 37.39 | 66.50       | 37.59 | 67.60       | 37.78 | 69.70       | 37.95 | 70.70       | 38.48 |
|        | 50                         | 41.50                        | 28.42 | 49.80       | 32.94 | 55.70       | 37.20 | 56.60       | 37.43 | 57.50       | 37.43 | 59.20       | 37.57 | 60.30       | 38.03 |
|        | 52                         | 38.30                        | 31.85 | 42.50       | 36.60 | 44.70       | 37.51 | 45.60       | 37.63 | 46.50       | 37.67 | 48.10       | 37.94 | 49.60       | 38.31 |
| 110    | 10                         | 15.90                        | 2.09  | 24.10       | 3.08  | 31.20       | 3.75  | 31.90       | 3.77  | 33.40       | 3.69  | 34.30       | 3.53  | 37.20       | 3.48  |
|        | 12                         | 15.90                        | 1.99  | 24.10       | 2.90  | 31.20       | 3.55  | 31.90       | 3.53  | 33.40       | 3.50  | 34.30       | 3.37  | 37.20       | 3.38  |
|        | 14                         | 15.90                        | 1.89  | 24.10       | 2.76  | 31.20       | 3.38  | 31.90       | 3.39  | 33.40       | 3.37  | 34.30       | 3.25  | 37.20       | 3.30  |
|        | 16                         | 15.90                        | 1.80  | 24.10       | 2.62  | 31.20       | 3.23  | 31.90       | 3.26  | 33.40       | 3.27  | 34.30       | 3.17  | 37.20       | 3.24  |
|        | 18                         | 15.90                        | 1.72  | 24.10       | 2.51  | 31.20       | 3.19  | 31.90       | 3.22  | 33.40       | 3.26  | 34.30       | 3.17  | 37.20       | 3.32  |
|        | 20                         | 15.90                        | 1.65  | 24.10       | 2.48  | 31.20       | 3.31  | 31.90       | 3.33  | 33.40       | 3.42  | 34.30       | 3.41  | 37.20       | 3.73  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 18.00                        | 1.93  | 26.00       | 2.89  | 32.90       | 4.08  | 33.50       | 4.18  | 34.90       | 4.39  | 35.60       | 4.43  | 38.40       | 4.59  |
|        | 23                              | 22.20                        | 4.52  | 29.90       | 5.09  | 36.30       | 5.51  | 36.60       | 5.42  | 38.00       | 5.49  | 38.20       | 5.40  | 40.90       | 5.58  |
|        | 25                              | 26.50                        | 5.40  | 33.80       | 6.05  | 39.80       | 6.75  | 39.90       | 6.66  | 41.10       | 6.75  | 41.00       | 6.61  | 43.40       | 6.94  |
|        | 27                              | 31.00                        | 6.57  | 37.80       | 7.52  | 43.40       | 8.38  | 43.20       | 8.28  | 44.30       | 8.33  | 43.80       | 8.20  | 48.60       | 9.28  |
|        | 29                              | 35.50                        | 8.31  | 42.00       | 9.51  | 47.10       | 10.35 | 46.60       | 10.18 | 47.60       | 10.24 | 48.60       | 10.44 | 57.40       | 13.01 |
|        | 31                              | 40.20                        | 10.44 | 46.20       | 11.70 | 50.90       | 12.52 | 50.10       | 12.30 | 53.60       | 13.39 | 57.50       | 14.66 | 66.30       | 17.97 |
|        | 33                              | 45.00                        | 12.95 | 50.50       | 14.38 | 54.70       | 15.15 | 57.60       | 16.27 | 63.00       | 18.84 | 66.30       | 20.31 | 75.20       | 24.39 |
|        | 35                              | 49.90                        | 16.06 | 55.00       | 17.73 | 64.20       | 20.64 | 67.20       | 22.39 | 72.40       | 26.16 | 75.20       | 27.67 | 83.90       | 32.20 |
|        | 37                              | 49.90                        | 17.03 | 55.00       | 18.84 | 64.20       | 21.75 | 67.20       | 24.23 | 72.40       | 28.28 | 75.20       | 29.59 | 84.60       | 34.55 |
|        | 39                              | 49.90                        | 18.38 | 55.00       | 20.03 | 64.20       | 23.29 | 67.20       | 26.56 | 72.40       | 30.25 | 79.30       | 33.81 | 89.80       | 39.34 |
|        | 41                              | 49.90                        | 20.48 | 55.00       | 22.01 | 64.20       | 25.81 | 67.20       | 30.46 | 74.60       | 35.01 | 82.90       | 39.97 | 88.40       | 43.39 |
|        | 43                              | 49.90                        | 22.34 | 55.00       | 23.77 | 62.90       | 28.40 | 69.90       | 32.68 | 77.70       | 37.66 | 83.70       | 40.84 | 84.80       | 41.59 |
|        | 46                              | 48.40                        | 22.95 | 53.30       | 24.02 | 65.10       | 33.13 | 72.60       | 37.90 | 74.40       | 38.85 | 76.50       | 39.01 | 77.60       | 39.64 |
|        | 48                              | 42.80                        | 22.55 | 47.00       | 23.84 | 62.00       | 36.59 | 63.70       | 37.30 | 64.60       | 37.55 | 66.60       | 37.67 | 67.50       | 38.31 |
|        | 50                              | 37.20                        | 22.15 | 43.90       | 26.49 | 53.20       | 35.75 | 54.10       | 36.16 | 54.90       | 36.32 | 56.60       | 36.20 | 57.40       | 36.82 |
| 100    | 52                              | 31.60                        | 21.71 | 40.40       | 31.45 | 42.20       | 34.67 | 43.30       | 35.51 | 44.00       | 35.42 | 45.60       | 35.23 | 47.00       | 35.98 |
|        | 10                              | 13.40                        | 1.86  | 20.20       | 2.85  | 27.30       | 3.60  | 29.00       | 3.67  | 30.50       | 3.64  | 33.80       | 3.82  | 35.10       | 3.75  |
|        | 12                              | 13.40                        | 1.79  | 20.20       | 2.71  | 27.30       | 3.38  | 29.00       | 3.42  | 30.50       | 3.42  | 33.80       | 3.67  | 35.10       | 3.62  |
|        | 14                              | 13.40                        | 1.71  | 20.20       | 2.58  | 27.30       | 3.21  | 29.00       | 3.26  | 30.50       | 3.26  | 33.80       | 3.55  | 35.10       | 3.52  |
|        | 16                              | 13.40                        | 1.63  | 20.20       | 2.44  | 27.30       | 3.07  | 29.00       | 3.13  | 30.50       | 3.16  | 33.80       | 3.43  | 35.10       | 3.44  |
|        | 18                              | 13.40                        | 1.55  | 20.20       | 2.33  | 27.30       | 2.96  | 29.00       | 3.06  | 30.50       | 3.14  | 33.80       | 3.42  | 35.10       | 3.45  |
|        | 20                              | 13.40                        | 1.49  | 20.20       | 2.26  | 27.30       | 3.01  | 29.00       | 3.19  | 30.50       | 3.30  | 33.80       | 3.56  | 35.10       | 3.72  |
|        | 21                              | 15.10                        | 1.72  | 21.80       | 2.58  | 28.80       | 3.64  | 30.40       | 3.90  | 31.80       | 4.11  | 35.10       | 4.44  | 36.30       | 4.71  |
|        | 23                              | 18.70                        | 4.28  | 25.10       | 4.81  | 31.80       | 5.35  | 33.30       | 5.44  | 34.60       | 5.49  | 37.70       | 5.57  | 38.60       | 5.56  |
|        | 25                              | 22.30                        | 5.03  | 28.40       | 5.66  | 34.80       | 6.42  | 36.30       | 6.63  | 37.40       | 6.75  | 40.40       | 6.65  | 41.00       | 6.70  |
|        | 27                              | 26.00                        | 6.07  | 31.70       | 6.86  | 38.00       | 7.98  | 39.30       | 8.23  | 40.30       | 8.33  | 43.20       | 8.19  | 45.80       | 8.77  |
|        | 29                              | 29.90                        | 7.50  | 35.20       | 8.58  | 41.20       | 9.94  | 42.40       | 10.21 | 43.30       | 10.19 | 47.90       | 10.41 | 54.20       | 12.15 |
|        | 31                              | 33.80                        | 9.45  | 38.80       | 10.55 | 44.50       | 12.05 | 45.60       | 12.35 | 48.80       | 12.86 | 56.70       | 14.21 | 62.60       | 16.44 |
|        | 33                              | 37.80                        | 11.55 | 42.40       | 12.86 | 47.90       | 14.64 | 52.30       | 16.29 | 57.40       | 17.17 | 65.40       | 19.19 | 71.00       | 21.94 |
|        | 35                              | 42.00                        | 14.24 | 46.20       | 15.70 | 56.20       | 19.92 | 61.10       | 22.26 | 66.00       | 22.89 | 73.80       | 25.52 | 79.20       | 29.03 |
| 90     | 37                              | 42.00                        | 15.26 | 46.20       | 16.86 | 56.20       | 21.10 | 61.10       | 23.30 | 66.00       | 24.42 | 72.40       | 26.90 | 77.60       | 30.68 |
|        | 39                              | 42.00                        | 16.37 | 46.20       | 18.12 | 56.20       | 22.33 | 61.10       | 24.36 | 66.00       | 26.21 | 71.30       | 28.36 | 76.60       | 32.50 |
|        | 41                              | 42.00                        | 17.98 | 46.20       | 19.93 | 56.20       | 24.20 | 61.10       | 26.75 | 66.00       | 28.82 | 70.90       | 31.42 | 80.40       | 37.88 |
|        | 43                              | 42.00                        | 19.96 | 46.20       | 22.15 | 56.20       | 26.45 | 61.10       | 29.12 | 66.20       | 32.49 | 73.70       | 36.64 | 79.80       | 41.79 |
|        | 46                              | 40.70                        | 22.61 | 44.70       | 25.09 | 56.10       | 30.74 | 62.10       | 36.58 | 68.80       | 42.07 | 71.80       | 42.99 | 72.90       | 43.99 |
|        | 48                              | 36.00                        | 19.78 | 39.50       | 21.92 | 53.10       | 30.44 | 59.10       | 36.00 | 60.60       | 36.89 | 62.60       | 37.03 | 63.30       | 37.71 |
|        | 50                              | 31.30                        | 16.86 | 34.90       | 19.04 | 49.10       | 29.24 | 51.00       | 30.66 | 51.30       | 30.68 | 53.10       | 30.77 | 53.90       | 31.26 |
|        | 52                              | 26.60                        | 13.87 | 33.30       | 18.92 | 38.90       | 24.21 | 40.40       | 24.57 | 40.90       | 24.70 | 42.70       | 24.72 | 44.00       | 25.12 |
|        | 10                              | 12.00                        | 1.69  | 18.30       | 2.67  | 24.60       | 3.50  | 26.10       | 3.61  | 27.40       | 3.65  | 30.80       | 3.90  | 34.70       | 4.20  |
|        | 12                              | 12.00                        | 1.61  | 18.30       | 2.50  | 24.60       | 3.24  | 26.10       | 3.35  | 27.40       | 3.39  | 30.80       | 3.61  | 34.70       | 3.95  |
|        | 14                              | 12.00                        | 1.53  | 18.30       | 2.34  | 24.60       | 3.02  | 26.10       | 3.11  | 27.40       | 3.15  | 30.80       | 3.36  | 34.70       | 3.69  |
|        | 16                              | 12.00                        | 1.45  | 18.30       | 2.19  | 24.60       | 2.82  | 26.10       | 2.90  | 27.40       | 2.93  | 30.80       | 3.14  | 34.70       | 3.46  |
|        | 18                              | 12.00                        | 1.37  | 18.30       | 2.06  | 24.60       | 2.65  | 26.10       | 2.75  | 27.40       | 2.79  | 30.80       | 3.00  | 34.70       | 3.43  |
|        | 20                              | 12.00                        | 1.30  | 18.30       | 1.96  | 24.60       | 2.58  | 26.10       | 2.69  | 27.40       | 2.79  | 30.80       | 3.13  | 34.70       | 3.60  |
|        | 21                              | 13.60                        | 1.48  | 19.70       | 2.17  | 25.90       | 2.98  | 27.40       | 3.18  | 28.60       | 3.36  | 32.00       | 3.73  | 35.80       | 4.61  |
|        | 23                              | 16.80                        | 3.80  | 22.60       | 4.22  | 28.60       | 4.70  | 30.00       | 4.79  | 31.10       | 4.81  | 34.40       | 5.03  | 38.20       | 5.58  |
|        | 25                              | 20.10                        | 4.38  | 25.60       | 4.92  | 31.40       | 5.50  | 32.60       | 5.65  | 33.70       | 5.75  | 36.80       | 6.06  | 40.50       | 6.66  |
|        | 27                              | 23.40                        | 5.22  | 28.70       | 5.82  | 34.20       | 6.70  | 35.30       | 6.92  | 36.30       | 7.06  | 39.40       | 7.36  | 45.30       | 8.53  |
|        | 29                              | 26.90                        | 6.28  | 31.80       | 7.18  | 37.20       | 8.32  | 38.10       | 8.56  | 39.00       | 8.70  | 43.70       | 9.32  | 53.60       | 11.65 |
|        | 31                              | 30.40                        | 7.88  | 35.00       | 8.81  | 40.10       | 10.03 | 41.00       | 10.26 | 43.90       | 11.03 | 51.70       | 12.41 | 61.90       | 15.42 |
|        | 33                              | 34.00                        | 9.62  | 38.30       | 10.65 | 43.20       | 12.10 | 47.10       | 13.37 | 51.60       | 14.87 | 59.60       | 16.34 | 69.80       | 20.06 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 37.80                        | 11.72 | 41.70       | 12.87 | 50.70       | 16.23 | 54.90       | 18.07 | 59.30       | 19.81 | 67.60       | 21.82 | 76.80       | 26.07 |
|        | 37                              | 37.80                        | 12.44 | 41.70       | 13.71 | 50.70       | 17.32 | 54.90       | 19.21 | 59.30       | 20.89 | 67.60       | 23.14 | 75.60       | 27.36 |
|        | 39                              | 37.80                        | 13.17 | 41.70       | 14.60 | 50.70       | 18.34 | 54.90       | 20.42 | 59.30       | 21.92 | 67.60       | 24.70 | 74.30       | 28.76 |
|        | 41                              | 37.80                        | 15.32 | 41.70       | 16.82 | 50.70       | 20.89 | 54.90       | 23.15 | 59.30       | 24.48 | 66.90       | 27.24 | 71.30       | 31.22 |
|        | 43                              | 37.80                        | 17.18 | 41.70       | 18.88 | 50.70       | 23.64 | 54.90       | 25.79 | 59.30       | 27.07 | 64.80       | 30.04 | 72.40       | 36.03 |
|        | 46                              | 36.60                        | 20.37 | 40.30       | 22.64 | 49.00       | 28.20 | 53.20       | 30.54 | 60.20       | 35.54 | 67.40       | 40.33 | 70.70       | 44.00 |
|        | 48                              | 32.30                        | 18.04 | 35.70       | 20.04 | 44.00       | 25.44 | 51.50       | 30.80 | 57.20       | 35.46 | 61.10       | 36.96 | 61.50       | 37.78 |
|        | 50                              | 28.10                        | 15.65 | 31.00       | 17.37 | 42.20       | 25.26 | 49.30       | 30.47 | 50.00       | 31.43 | 52.00       | 30.85 | 52.30       | 31.37 |
|        | 52                              | 23.90                        | 13.19 | 27.20       | 15.31 | 38.80       | 25.11 | 41.50       | 26.79 | 39.60       | 25.93 | 41.40       | 24.74 | 42.40       | 25.22 |
| 80     | 10                              | 10.70                        | 1.58  | 16.20       | 2.47  | 21.80       | 3.37  | 23.20       | 3.55  | 24.40       | 3.64  | 27.40       | 4.02  | 30.90       | 4.34  |
|        | 12                              | 10.70                        | 1.46  | 16.20       | 2.32  | 21.80       | 3.15  | 23.20       | 3.30  | 24.40       | 3.37  | 27.40       | 3.72  | 30.90       | 4.02  |
|        | 14                              | 10.70                        | 1.39  | 16.20       | 2.20  | 21.80       | 2.92  | 23.20       | 3.06  | 24.40       | 3.12  | 27.40       | 3.45  | 30.90       | 3.74  |
|        | 16                              | 10.70                        | 1.32  | 16.20       | 2.07  | 21.80       | 2.73  | 23.20       | 2.85  | 24.40       | 2.92  | 27.40       | 3.23  | 30.90       | 3.50  |
|        | 18                              | 10.70                        | 1.27  | 16.20       | 1.95  | 21.80       | 2.57  | 23.20       | 2.68  | 24.40       | 2.75  | 27.40       | 3.05  | 30.90       | 3.34  |
|        | 20                              | 10.70                        | 1.21  | 16.20       | 1.86  | 21.80       | 2.49  | 23.20       | 2.60  | 24.40       | 2.67  | 27.40       | 3.03  | 30.90       | 3.47  |
|        | 21                              | 12.10                        | 1.36  | 17.50       | 2.04  | 22.90       | 2.77  | 24.30       | 2.93  | 25.50       | 3.07  | 28.50       | 3.54  | 31.90       | 4.25  |
|        | 23                              | 15.00                        | 3.78  | 20.00       | 4.16  | 25.30       | 4.62  | 26.60       | 4.73  | 27.70       | 4.77  | 30.60       | 5.17  | 33.90       | 5.58  |
|        | 25                              | 17.90                        | 4.27  | 22.70       | 4.80  | 27.80       | 5.37  | 29.00       | 5.48  | 30.00       | 5.53  | 32.80       | 6.03  | 36.10       | 6.54  |
|        | 27                              | 20.80                        | 5.01  | 25.40       | 5.61  | 30.30       | 6.36  | 31.40       | 6.56  | 32.30       | 6.67  | 35.00       | 7.22  | 40.30       | 8.16  |
|        | 29                              | 23.90                        | 5.97  | 28.20       | 6.77  | 32.90       | 7.76  | 33.90       | 7.99  | 34.70       | 8.15  | 38.90       | 9.19  | 47.70       | 10.96 |
|        | 31                              | 27.00                        | 7.38  | 31.00       | 8.26  | 35.50       | 9.36  | 36.40       | 9.60  | 39.10       | 10.26 | 46.00       | 12.20 | 55.00       | 14.24 |
|        | 33                              | 30.30                        | 8.97  | 33.90       | 9.93  | 38.20       | 11.19 | 41.80       | 12.34 | 46.00       | 13.70 | 53.10       | 15.94 | 62.40       | 18.35 |
|        | 35                              | 33.60                        | 10.84 | 36.90       | 11.89 | 44.80       | 14.83 | 48.80       | 16.44 | 52.90       | 18.14 | 60.20       | 20.78 | 69.70       | 23.89 |
|        | 37                              | 33.60                        | 11.46 | 36.90       | 12.65 | 44.80       | 15.75 | 48.80       | 17.50 | 52.90       | 19.29 | 60.20       | 21.94 | 69.70       | 25.44 |
|        | 39                              | 33.60                        | 12.12 | 36.90       | 13.38 | 44.80       | 16.86 | 48.80       | 18.82 | 52.90       | 20.72 | 60.20       | 23.16 | 69.70       | 27.24 |
|        | 41                              | 33.60                        | 13.93 | 36.90       | 15.41 | 44.80       | 19.23 | 48.80       | 21.42 | 52.90       | 23.62 | 60.20       | 25.76 | 69.60       | 30.35 |
|        | 43                              | 33.60                        | 15.92 | 36.90       | 17.48 | 44.80       | 21.79 | 48.80       | 24.21 | 52.90       | 26.73 | 60.20       | 28.52 | 66.70       | 32.72 |
|        | 46                              | 32.50                        | 18.66 | 35.80       | 20.75 | 43.40       | 25.80 | 47.30       | 28.26 | 51.20       | 31.53 | 58.00       | 34.16 | 65.10       | 40.40 |
|        | 48                              | 28.70                        | 16.52 | 31.60       | 18.39 | 38.40       | 22.80 | 41.90       | 24.89 | 47.70       | 30.03 | 55.20       | 33.55 | 59.90       | 37.87 |
|        | 50                              | 25.00                        | 14.32 | 27.50       | 15.96 | 33.40       | 19.72 | 38.90       | 23.62 | 45.60       | 29.76 | 50.30       | 30.90 | 50.90       | 31.48 |
|        | 52                              | 21.20                        | 12.06 | 23.40       | 13.45 | 31.60       | 19.80 | 36.90       | 24.26 | 39.30       | 27.28 | 39.90       | 24.77 | 41.00       | 25.25 |
| 70     | 10                              | 9.30                         | 1.47  | 14.20       | 2.09  | 19.10       | 2.94  | 20.30       | 3.16  | 21.30       | 3.30  | 23.90       | 3.69  | 27.00       | 4.16  |
|        | 12                              | 9.30                         | 1.21  | 14.20       | 1.99  | 19.10       | 2.78  | 20.30       | 2.95  | 21.30       | 3.07  | 23.90       | 3.43  | 27.00       | 3.86  |
|        | 14                              | 9.30                         | 1.17  | 14.20       | 1.89  | 19.10       | 2.60  | 20.30       | 2.75  | 21.30       | 2.85  | 23.90       | 3.20  | 27.00       | 3.59  |
|        | 16                              | 9.30                         | 1.12  | 14.20       | 1.79  | 19.10       | 2.44  | 20.30       | 2.58  | 21.30       | 2.67  | 23.90       | 2.98  | 27.00       | 3.36  |
|        | 18                              | 9.30                         | 1.08  | 14.20       | 1.70  | 19.10       | 2.31  | 20.30       | 2.43  | 21.30       | 2.51  | 23.90       | 2.80  | 27.00       | 3.18  |
|        | 20                              | 9.30                         | 1.03  | 14.20       | 1.63  | 19.10       | 2.21  | 20.30       | 2.34  | 21.30       | 2.42  | 23.90       | 2.71  | 27.00       | 3.17  |
|        | 21                              | 10.60                        | 1.17  | 15.30       | 1.76  | 20.10       | 2.42  | 21.30       | 2.57  | 22.30       | 2.67  | 24.80       | 3.02  | 27.90       | 3.70  |
|        | 23                              | 13.10                        | 3.28  | 17.60       | 3.95  | 22.20       | 4.30  | 23.30       | 4.40  | 24.20       | 4.45  | 26.70       | 4.91  | 29.70       | 5.44  |
|        | 25                              | 15.60                        | 3.89  | 19.90       | 4.39  | 24.30       | 4.91  | 25.40       | 5.04  | 26.20       | 5.09  | 28.60       | 5.59  | 31.60       | 6.07  |
|        | 27                              | 18.20                        | 4.51  | 22.30       | 5.10  | 26.50       | 5.70  | 27.50       | 5.81  | 28.30       | 5.96  | 30.60       | 6.57  | 35.30       | 7.49  |
|        | 29                              | 20.90                        | 5.34  | 24.70       | 5.97  | 28.80       | 6.82  | 29.70       | 7.01  | 30.40       | 7.17  | 33.90       | 8.20  | 41.80       | 10.15 |
|        | 31                              | 23.60                        | 6.47  | 27.20       | 7.29  | 31.10       | 8.23  | 31.90       | 8.44  | 34.20       | 8.99  | 40.10       | 10.84 | 48.20       | 13.13 |
|        | 33                              | 26.40                        | 7.82  | 29.80       | 8.65  | 33.50       | 9.72  | 36.70       | 10.65 | 40.20       | 11.77 | 46.30       | 14.09 | 54.60       | 16.96 |
|        | 35                              | 29.30                        | 9.40  | 32.40       | 10.34 | 39.30       | 12.66 | 42.80       | 13.96 | 46.20       | 15.36 | 52.50       | 18.25 | 61.10       | 21.70 |
|        | 37                              | 29.30                        | 9.99  | 32.40       | 10.94 | 39.30       | 13.46 | 42.80       | 14.86 | 46.20       | 16.36 | 52.50       | 19.44 | 61.10       | 22.91 |
|        | 39                              | 29.30                        | 10.59 | 32.40       | 11.67 | 39.30       | 14.41 | 42.80       | 16.01 | 46.20       | 17.68 | 52.50       | 20.81 | 61.10       | 24.70 |
|        | 41                              | 29.30                        | 12.16 | 32.40       | 13.28 | 39.30       | 16.43 | 42.80       | 18.25 | 46.20       | 19.97 | 52.50       | 23.73 | 61.10       | 27.66 |
|        | 43                              | 29.30                        | 13.75 | 32.40       | 15.03 | 39.30       | 18.63 | 42.80       | 20.66 | 46.20       | 22.63 | 52.50       | 26.89 | 61.10       | 30.99 |
|        | 46                              | 28.40                        | 16.09 | 31.40       | 17.83 | 38.00       | 22.09 | 41.30       | 24.21 | 44.80       | 26.79 | 50.80       | 31.80 | 59.10       | 36.18 |
|        | 48                              | 25.10                        | 14.24 | 27.80       | 15.79 | 33.60       | 19.56 | 36.60       | 21.41 | 39.60       | 23.68 | 45.00       | 28.06 | 53.50       | 32.70 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 21.90                        | 12.34 | 24.20       | 13.70 | 29.20       | 16.95 | 31.80       | 18.51 | 34.80       | 20.76 | 42.10       | 26.94 | 51.20       | 32.05 |
|        | 52                              | 18.50                        | 10.37 | 20.50       | 11.55 | 24.80       | 14.27 | 28.50       | 16.94 | 33.20       | 21.27 | 38.50       | 26.58 | 42.80       | 27.06 |
| 60     | 10                              | 8.00                         | 1.34  | 12.10       | 1.85  | 16.30       | 2.46  | 17.40       | 2.67  | 18.30       | 2.83  | 20.60       | 3.22  | 23.20       | 3.68  |
|        | 12                              | 8.00                         | 0.98  | 12.10       | 1.62  | 16.30       | 2.33  | 17.40       | 2.52  | 18.30       | 2.66  | 20.60       | 3.01  | 23.20       | 3.44  |
|        | 14                              | 8.00                         | 0.95  | 12.10       | 1.55  | 16.30       | 2.22  | 17.40       | 2.38  | 18.30       | 2.50  | 20.60       | 2.82  | 23.20       | 3.21  |
|        | 16                              | 8.00                         | 0.92  | 12.10       | 1.50  | 16.30       | 2.09  | 17.40       | 2.24  | 18.30       | 2.36  | 20.60       | 2.65  | 23.20       | 3.01  |
|        | 18                              | 8.00                         | 0.89  | 12.10       | 1.43  | 16.30       | 1.99  | 17.40       | 2.12  | 18.30       | 2.22  | 20.60       | 2.49  | 23.20       | 2.85  |
|        | 20                              | 8.00                         | 0.86  | 12.10       | 1.37  | 16.30       | 1.90  | 17.40       | 2.03  | 18.30       | 2.12  | 20.60       | 2.38  | 23.20       | 2.77  |
|        | 21                              | 9.10                         | 0.97  | 13.10       | 1.47  | 17.20       | 2.05  | 18.30       | 2.19  | 19.10       | 2.29  | 21.40       | 2.58  | 23.90       | 3.07  |
|        | 23                              | 11.20                        | 2.27  | 15.00       | 3.32  | 19.00       | 4.00  | 20.00       | 4.09  | 20.80       | 4.11  | 23.00       | 4.50  | 25.50       | 5.10  |
|        | 25                              | 13.40                        | 3.58  | 17.00       | 3.97  | 20.90       | 4.43  | 21.80       | 4.55  | 22.50       | 4.62  | 24.60       | 5.06  | 27.10       | 5.74  |
|        | 27                              | 15.60                        | 4.01  | 19.00       | 4.52  | 22.80       | 5.07  | 23.60       | 5.19  | 24.20       | 5.27  | 26.30       | 5.74  | 30.30       | 6.83  |
|        | 29                              | 17.90                        | 4.70  | 21.10       | 5.25  | 24.70       | 5.92  | 25.40       | 6.09  | 26.00       | 6.21  | 29.20       | 7.06  | 35.80       | 9.02  |
|        | 31                              | 20.20                        | 5.56  | 23.30       | 6.26  | 26.70       | 7.10  | 27.40       | 7.31  | 29.30       | 7.77  | 34.50       | 9.25  | 41.40       | 11.62 |
|        | 33                              | 22.60                        | 6.69  | 25.50       | 7.41  | 28.70       | 8.34  | 31.40       | 9.10  | 34.40       | 9.99  | 39.80       | 11.80 | 46.90       | 14.80 |
|        | 35                              | 25.10                        | 8.01  | 27.70       | 8.82  | 33.70       | 10.68 | 36.70       | 11.70 | 39.60       | 12.78 | 45.10       | 15.05 | 52.40       | 18.72 |
|        | 37                              | 25.10                        | 8.45  | 27.70       | 9.30  | 33.70       | 11.31 | 36.70       | 12.44 | 39.60       | 13.56 | 45.10       | 15.99 | 52.40       | 19.93 |
|        | 39                              | 25.10                        | 8.98  | 27.70       | 9.90  | 33.70       | 12.22 | 36.70       | 13.35 | 39.60       | 14.62 | 45.10       | 17.16 | 52.40       | 21.38 |
|        | 41                              | 25.10                        | 10.13 | 27.70       | 11.26 | 33.70       | 13.79 | 36.70       | 15.16 | 39.60       | 16.49 | 45.10       | 19.57 | 52.40       | 24.13 |
|        | 43                              | 25.10                        | 11.43 | 27.70       | 12.72 | 33.70       | 15.61 | 36.70       | 17.17 | 39.60       | 18.67 | 45.10       | 22.18 | 52.40       | 27.36 |
|        | 46                              | 24.30                        | 13.54 | 26.80       | 15.07 | 32.60       | 18.52 | 35.50       | 20.33 | 38.40       | 22.13 | 43.70       | 26.31 | 50.70       | 32.76 |
|        | 48                              | 21.50                        | 12.00 | 23.80       | 13.34 | 28.90       | 16.40 | 31.40       | 18.00 | 34.00       | 19.58 | 38.70       | 23.28 | 44.90       | 28.99 |
|        | 50                              | 18.70                        | 10.39 | 20.60       | 11.56 | 25.10       | 14.22 | 27.30       | 15.59 | 29.50       | 16.96 | 33.60       | 20.16 | 39.00       | 25.11 |
|        | 52                              | 15.90                        | 8.71  | 17.50       | 9.74  | 21.30       | 11.98 | 23.10       | 13.11 | 25.10       | 14.26 | 29.70       | 18.08 | 35.90       | 24.27 |
| 50     | 10                              | 6.70                         | 1.31  | 10.20       | 1.66  | 13.70       | 2.07  | 14.50       | 2.12  | 15.20       | 2.27  | 17.10       | 2.62  | 19.30       | 3.01  |
|        | 12                              | 6.70                         | 0.88  | 10.20       | 1.26  | 13.70       | 1.84  | 14.50       | 2.02  | 15.20       | 2.18  | 17.10       | 2.49  | 19.30       | 2.85  |
|        | 14                              | 6.70                         | 0.81  | 10.20       | 1.23  | 13.70       | 1.77  | 14.50       | 1.93  | 15.20       | 2.06  | 17.10       | 2.34  | 19.30       | 2.69  |
|        | 16                              | 6.70                         | 0.79  | 10.20       | 1.19  | 13.70       | 1.69  | 14.50       | 1.85  | 15.20       | 1.95  | 17.10       | 2.21  | 19.30       | 2.53  |
|        | 18                              | 6.70                         | 0.77  | 10.20       | 1.14  | 13.70       | 1.62  | 14.50       | 1.75  | 15.20       | 1.86  | 17.10       | 2.10  | 19.30       | 2.40  |
|        | 20                              | 6.70                         | 0.74  | 10.20       | 1.10  | 13.70       | 1.56  | 14.50       | 1.68  | 15.20       | 1.78  | 17.10       | 2.00  | 19.30       | 2.32  |
|        | 21                              | 7.60                         | 0.79  | 11.00       | 1.18  | 14.40       | 1.66  | 15.20       | 1.79  | 15.90       | 1.88  | 17.70       | 2.12  | 20.00       | 2.50  |
|        | 23                              | 9.40                         | 1.56  | 12.60       | 2.23  | 15.90       | 3.67  | 16.60       | 3.76  | 17.30       | 3.81  | 19.10       | 4.10  | 21.30       | 4.55  |
|        | 25                              | 12.60                        | 3.51  | 14.30       | 3.58  | 17.40       | 3.95  | 18.10       | 4.03  | 18.70       | 4.11  | 20.40       | 4.49  | 22.60       | 5.07  |
|        | 27                              | 13.10                        | 3.58  | 16.00       | 3.94  | 19.00       | 4.45  | 19.60       | 4.57  | 20.10       | 4.63  | 21.80       | 5.06  | 25.30       | 5.91  |
|        | 29                              | 15.00                        | 4.12  | 17.70       | 4.53  | 20.60       | 5.08  | 21.20       | 5.21  | 21.60       | 5.30  | 24.20       | 5.97  | 29.90       | 7.48  |
|        | 31                              | 16.90                        | 4.77  | 19.50       | 5.27  | 22.30       | 5.99  | 22.80       | 6.14  | 24.40       | 6.57  | 28.60       | 7.76  | 34.50       | 9.57  |
|        | 33                              | 18.90                        | 5.68  | 21.30       | 6.22  | 24.00       | 7.01  | 26.20       | 7.60  | 28.70       | 8.33  | 33.10       | 9.72  | 39.10       | 11.96 |
|        | 35                              | 21.00                        | 6.70  | 23.20       | 7.31  | 28.10       | 8.83  | 30.50       | 9.62  | 32.90       | 10.42 | 37.50       | 12.10 | 43.70       | 14.89 |
|        | 37                              | 21.00                        | 7.08  | 23.20       | 7.70  | 28.10       | 9.33  | 30.50       | 10.18 | 32.90       | 11.03 | 37.50       | 12.91 | 43.70       | 15.82 |
|        | 39                              | 21.00                        | 7.54  | 23.20       | 8.25  | 28.10       | 10.00 | 30.50       | 10.96 | 32.90       | 11.84 | 37.50       | 13.76 | 43.70       | 17.09 |
|        | 41                              | 21.00                        | 8.44  | 23.20       | 9.26  | 28.10       | 11.36 | 30.50       | 12.33 | 32.90       | 13.34 | 37.50       | 15.68 | 43.70       | 19.29 |
|        | 43                              | 21.00                        | 9.48  | 23.20       | 10.47 | 28.10       | 12.84 | 30.50       | 13.96 | 32.90       | 15.08 | 37.50       | 17.76 | 43.70       | 21.86 |
|        | 46                              | 20.30                        | 11.12 | 22.40       | 12.39 | 27.20       | 15.19 | 29.50       | 16.52 | 31.90       | 17.85 | 36.20       | 21.06 | 42.30       | 25.91 |
|        | 48                              | 17.90                        | 9.83  | 19.90       | 11.00 | 24.10       | 13.43 | 26.20       | 14.62 | 28.30       | 15.79 | 32.10       | 18.66 | 37.40       | 22.94 |
|        | 50                              | 15.60                        | 8.50  | 17.30       | 9.56  | 21.00       | 11.64 | 22.70       | 12.67 | 24.50       | 13.67 | 27.90       | 16.18 | 32.50       | 19.89 |
|        | 52                              | 13.30                        | 7.16  | 14.70       | 8.08  | 17.80       | 9.78  | 19.30       | 10.66 | 20.90       | 11.50 | 23.70       | 13.62 | 27.60       | 16.75 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM280LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 16.60                        | 1.24  | 26.80       | 1.99  | 37.90       | 2.87  | 40.60       | 3.11  | 43.20       | 3.23  | 46.00       | 3.50  | 49.00       | 3.80  |
|        | 12                              | 16.60                        | 1.24  | 26.80       | 1.99  | 37.90       | 2.86  | 40.60       | 3.11  | 43.20       | 3.31  | 46.00       | 3.57  | 49.00       | 3.89  |
|        | 14                              | 16.60                        | 1.21  | 26.80       | 2.00  | 37.90       | 2.88  | 40.60       | 3.14  | 43.20       | 3.40  | 46.00       | 3.67  | 49.00       | 4.00  |
|        | 16                              | 16.60                        | 1.20  | 26.80       | 2.00  | 37.90       | 2.93  | 40.60       | 3.22  | 43.20       | 3.49  | 46.00       | 3.77  | 49.00       | 4.13  |
|        | 18                              | 16.60                        | 1.20  | 26.80       | 2.02  | 37.90       | 3.06  | 40.60       | 3.37  | 43.20       | 3.67  | 46.00       | 3.99  | 49.00       | 4.46  |
|        | 20                              | 16.60                        | 1.23  | 26.80       | 2.12  | 37.90       | 3.36  | 40.60       | 3.73  | 43.20       | 4.14  | 46.00       | 4.58  | 49.00       | 5.35  |
|        | 21                              | 18.90                        | 1.51  | 28.90       | 2.61  | 39.90       | 4.45  | 42.60       | 4.96  | 45.20       | 5.43  | 47.80       | 5.78  | 50.60       | 6.26  |
|        | 23                              | 23.30                        | 3.68  | 33.10       | 4.61  | 44.10       | 5.99  | 46.60       | 6.38  | 49.20       | 6.75  | 51.40       | 7.09  | 53.90       | 7.67  |
|        | 25                              | 27.80                        | 4.61  | 37.40       | 5.64  | 48.40       | 7.56  | 50.80       | 7.98  | 53.20       | 8.43  | 55.10       | 8.81  | 57.20       | 9.49  |
|        | 27                              | 32.50                        | 5.73  | 42.00       | 7.20  | 52.80       | 9.57  | 55.00       | 10.08 | 57.40       | 10.64 | 58.80       | 10.99 | 63.90       | 12.65 |
|        | 29                              | 37.20                        | 7.37  | 46.50       | 9.28  | 57.20       | 11.91 | 59.30       | 12.47 | 61.50       | 13.06 | 65.30       | 14.13 | 75.70       | 17.90 |
|        | 31                              | 42.10                        | 9.37  | 51.20       | 11.59 | 61.90       | 14.65 | 63.90       | 15.27 | 69.30       | 17.11 | 77.20       | 20.00 | 87.30       | 24.53 |
|        | 33                              | 47.20                        | 11.91 | 56.10       | 14.39 | 66.60       | 18.03 | 73.30       | 20.64 | 81.60       | 24.10 | 89.20       | 27.00 | 99.00       | 30.71 |
|        | 35                              | 52.30                        | 15.09 | 61.00       | 17.87 | 78.00       | 25.09 | 85.60       | 28.05 | 93.70       | 30.82 | 101.0       | 33.20 | 106.5       | 35.38 |
|        | 37                              | 52.30                        | 16.06 | 61.00       | 19.00 | 78.00       | 26.60 | 85.40       | 29.62 | 93.70       | 32.58 | 101.0       | 35.16 | 102.4       | 36.04 |
|        | 39                              | 52.30                        | 17.09 | 61.00       | 19.95 | 78.00       | 27.55 | 85.50       | 30.56 | 93.70       | 33.70 | 97.60       | 35.22 | 96.40       | 35.88 |
|        | 41                              | 52.30                        | 18.17 | 61.00       | 20.83 | 78.00       | 28.77 | 85.50       | 31.85 | 90.40       | 33.89 | 90.40       | 33.89 | 89.20       | 34.01 |
|        | 43                              | 52.30                        | 18.88 | 61.00       | 21.26 | 78.00       | 29.47 | 83.50       | 31.68 | 83.40       | 31.69 | 83.30       | 31.66 | 82.20       | 31.82 |
|        | 46                              | 52.30                        | 19.58 | 61.00       | 22.43 | 73.10       | 28.68 | 73.10       | 28.67 | 73.10       | 28.68 | 73.10       | 28.64 | 72.10       | 28.93 |
|        | 48                              | 52.30                        | 20.39 | 60.90       | 23.98 | 66.60       | 27.21 | 66.60       | 27.23 | 67.20       | 27.47 | 66.50       | 27.17 | 65.70       | 27.45 |
|        | 50                              | 52.40                        | 21.42 | 60.40       | 25.29 | 60.40       | 25.29 | 60.50       | 25.32 | 60.40       | 25.25 | 60.40       | 25.28 | 59.40       | 25.46 |
|        | 52                              | 52.20                        | 22.55 | 53.70       | 22.52 | 54.00       | 21.95 | 54.10       | 21.80 | 54.30       | 21.71 | 54.30       | 21.63 | 53.90       | 21.81 |
| 120    | 10                              | 15.40                        | 1.14  | 24.70       | 1.83  | 35.00       | 2.62  | 37.40       | 2.84  | 39.90       | 3.03  | 42.50       | 3.19  | 45.20       | 3.44  |
|        | 12                              | 15.40                        | 1.15  | 24.70       | 1.84  | 35.00       | 2.64  | 37.40       | 2.82  | 39.90       | 3.04  | 42.50       | 3.26  | 45.20       | 3.51  |
|        | 14                              | 15.40                        | 1.08  | 24.70       | 1.84  | 35.00       | 2.64  | 37.40       | 2.84  | 39.90       | 3.08  | 42.50       | 3.34  | 45.20       | 3.63  |
|        | 16                              | 15.40                        | 1.08  | 24.70       | 1.83  | 35.00       | 2.67  | 37.40       | 2.90  | 39.90       | 3.17  | 42.50       | 3.41  | 45.20       | 3.74  |
|        | 18                              | 15.40                        | 1.09  | 24.70       | 1.86  | 35.00       | 2.76  | 37.40       | 3.01  | 39.90       | 3.30  | 42.50       | 3.59  | 45.20       | 3.98  |
|        | 20                              | 15.40                        | 1.11  | 24.70       | 1.92  | 35.00       | 3.00  | 37.40       | 3.29  | 39.90       | 3.64  | 42.50       | 4.04  | 45.20       | 4.68  |
|        | 21                              | 17.50                        | 1.33  | 26.60       | 2.33  | 36.90       | 3.85  | 39.20       | 4.32  | 41.80       | 4.82  | 44.10       | 5.24  | 46.70       | 5.77  |
|        | 23                              | 21.50                        | 3.47  | 30.60       | 4.39  | 40.70       | 5.47  | 43.00       | 5.83  | 45.30       | 6.20  | 47.40       | 6.50  | 49.70       | 6.99  |
|        | 25                              | 25.70                        | 4.30  | 34.60       | 5.28  | 44.60       | 6.83  | 46.80       | 7.28  | 49.10       | 7.68  | 50.80       | 7.99  | 52.90       | 8.57  |
|        | 27                              | 29.90                        | 5.40  | 38.70       | 6.59  | 48.70       | 8.62  | 50.70       | 9.12  | 52.80       | 9.60  | 54.30       | 9.92  | 59.00       | 11.35 |
|        | 29                              | 34.30                        | 6.82  | 43.00       | 8.37  | 52.80       | 10.81 | 54.80       | 11.29 | 56.80       | 11.81 | 60.20       | 12.72 | 69.90       | 15.94 |
|        | 31                              | 38.90                        | 8.66  | 47.30       | 10.48 | 57.00       | 13.23 | 58.80       | 13.76 | 64.00       | 15.34 | 71.30       | 17.80 | 80.60       | 21.99 |
|        | 33                              | 43.50                        | 10.81 | 51.80       | 13.04 | 61.40       | 16.19 | 67.60       | 18.43 | 75.20       | 21.47 | 82.20       | 24.38 | 91.50       | 28.27 |
|        | 35                              | 48.30                        | 13.69 | 56.40       | 16.11 | 72.10       | 22.48 | 78.80       | 25.42 | 86.40       | 28.40 | 93.20       | 30.68 | 101.6       | 33.78 |
|        | 37                              | 48.30                        | 14.58 | 56.40       | 17.14 | 72.10       | 23.94 | 78.90       | 26.95 | 86.50       | 30.00 | 93.30       | 32.43 | 100.7       | 35.54 |
|        | 39                              | 48.30                        | 15.51 | 56.40       | 18.23 | 72.10       | 25.02 | 78.90       | 27.91 | 86.40       | 30.95 | 93.30       | 33.51 | 96.40       | 35.49 |
|        | 41                              | 48.30                        | 16.50 | 56.40       | 18.96 | 72.10       | 26.08 | 78.90       | 29.15 | 86.50       | 32.26 | 90.50       | 33.89 | 89.30       | 34.01 |
|        | 43                              | 48.30                        | 17.56 | 56.40       | 19.27 | 72.10       | 26.65 | 78.90       | 29.81 | 83.40       | 31.67 | 83.40       | 31.66 | 82.20       | 31.82 |
|        | 46                              | 48.30                        | 18.35 | 56.30       | 20.14 | 72.10       | 28.14 | 73.10       | 28.70 | 73.10       | 28.67 | 73.10       | 28.70 | 72.20       | 28.94 |
|        | 48                              | 48.30                        | 19.12 | 56.30       | 21.49 | 66.60       | 27.23 | 66.60       | 27.20 | 66.60       | 27.24 | 66.60       | 27.18 | 65.70       | 27.47 |
|        | 50                              | 48.30                        | 19.67 | 56.30       | 22.93 | 60.60       | 25.36 | 60.60       | 25.38 | 60.40       | 25.31 | 59.50       | 25.01 | 59.60       | 25.61 |
|        | 52                              | 48.30                        | 20.17 | 53.50       | 22.73 | 53.90       | 22.16 | 53.90       | 22.06 | 54.10       | 21.95 | 54.10       | 21.85 | 53.70       | 22.12 |
| 110    | 10                              | 14.10                        | 1.05  | 22.60       | 1.67  | 32.00       | 2.39  | 34.30       | 2.57  | 36.60       | 2.76  | 39.00       | 2.96  | 41.40       | 3.20  |
|        | 12                              | 14.10                        | 1.04  | 22.60       | 1.67  | 32.00       | 2.40  | 34.30       | 2.59  | 36.60       | 2.75  | 39.00       | 2.96  | 41.40       | 3.21  |
|        | 14                              | 14.10                        | 0.98  | 22.60       | 1.66  | 32.00       | 2.41  | 34.30       | 2.59  | 36.60       | 2.77  | 39.00       | 2.99  | 41.40       | 3.27  |
|        | 16                              | 14.10                        | 0.96  | 22.60       | 1.66  | 32.00       | 2.42  | 34.30       | 2.62  | 36.60       | 2.81  | 39.00       | 3.05  | 41.40       | 3.36  |
|        | 18                              | 14.10                        | 0.96  | 22.60       | 1.66  | 32.00       | 2.48  | 34.30       | 2.70  | 36.60       | 2.92  | 39.00       | 3.18  | 41.40       | 3.54  |
|        | 20                              | 14.10                        | 0.98  | 22.60       | 1.72  | 32.00       | 2.68  | 34.30       | 2.93  | 36.60       | 3.18  | 39.00       | 3.50  | 41.40       | 4.06  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 15.90                        | 1.18  | 24.50       | 2.04  | 33.80       | 3.37  | 36.00       | 3.70  | 38.20       | 4.11  | 40.40       | 4.57  | 42.70       | 5.31  |
|        | 23                              | 19.70                        | 3.22  | 28.00       | 4.11  | 37.30       | 5.09  | 39.40       | 5.32  | 41.50       | 5.65  | 43.50       | 5.96  | 45.50       | 6.37  |
|        | 25                              | 23.60                        | 3.98  | 31.70       | 4.98  | 40.90       | 6.17  | 43.00       | 6.53  | 45.00       | 6.98  | 46.50       | 7.25  | 48.40       | 7.74  |
|        | 27                              | 27.50                        | 5.01  | 35.50       | 6.08  | 44.60       | 7.77  | 46.50       | 8.15  | 48.50       | 8.64  | 49.70       | 8.91  | 54.10       | 10.14 |
|        | 29                              | 31.50                        | 6.28  | 39.40       | 7.62  | 48.50       | 9.69  | 50.20       | 10.19 | 52.00       | 10.64 | 55.30       | 11.41 | 64.00       | 14.15 |
|        | 31                              | 35.70                        | 7.89  | 43.40       | 9.47  | 52.30       | 11.89 | 54.00       | 12.34 | 58.60       | 13.69 | 65.40       | 15.78 | 73.90       | 19.30 |
|        | 33                              | 39.90                        | 9.86  | 47.40       | 11.70 | 56.30       | 14.48 | 61.90       | 16.38 | 69.00       | 18.96 | 75.40       | 21.54 | 83.80       | 25.54 |
|        | 35                              | 44.30                        | 12.25 | 51.60       | 14.46 | 66.00       | 19.88 | 72.20       | 22.60 | 79.30       | 25.58 | 85.40       | 28.05 | 93.60       | 31.30 |
|        | 37                              | 44.30                        | 13.17 | 51.60       | 15.37 | 66.00       | 21.16 | 72.20       | 24.07 | 79.30       | 27.11 | 85.50       | 29.63 | 93.70       | 33.08 |
|        | 39                              | 44.30                        | 14.02 | 51.60       | 16.36 | 66.00       | 22.18 | 72.20       | 25.17 | 79.30       | 28.09 | 85.50       | 30.58 | 93.60       | 34.22 |
|        | 41                              | 44.30                        | 14.91 | 51.60       | 17.32 | 66.00       | 23.18 | 72.20       | 26.21 | 79.30       | 29.34 | 85.40       | 31.85 | 89.20       | 34.01 |
|        | 43                              | 44.30                        | 15.87 | 51.60       | 17.62 | 66.00       | 23.67 | 72.30       | 26.76 | 79.30       | 29.99 | 83.30       | 31.69 | 82.40       | 31.85 |
|        | 46                              | 44.30                        | 17.07 | 51.60       | 18.39 | 66.00       | 25.11 | 72.30       | 28.26 | 73.10       | 28.71 | 73.00       | 28.66 | 72.00       | 28.92 |
|        | 48                              | 44.30                        | 17.78 | 51.60       | 19.24 | 66.00       | 26.90 | 66.60       | 27.24 | 66.60       | 27.23 | 66.70       | 27.22 | 65.80       | 27.46 |
|        | 50                              | 44.30                        | 18.35 | 51.70       | 20.48 | 60.50       | 25.30 | 60.40       | 25.29 | 60.40       | 25.31 | 60.40       | 25.31 | 59.60       | 25.64 |
|        | 52                              | 44.30                        | 18.09 | 51.60       | 21.62 | 53.70       | 22.45 | 53.70       | 22.31 | 53.90       | 22.25 | 53.50       | 21.88 | 53.70       | 22.22 |
| 100    | 10                              | 12.80                        | 0.95  | 20.60       | 1.52  | 29.20       | 2.17  | 31.20       | 2.33  | 33.30       | 2.49  | 35.40       | 2.66  | 37.60       | 2.86  |
|        | 12                              | 12.80                        | 0.92  | 20.60       | 1.52  | 29.20       | 2.17  | 31.20       | 2.34  | 33.30       | 2.50  | 35.40       | 2.68  | 37.60       | 2.86  |
|        | 14                              | 12.80                        | 0.88  | 20.60       | 1.46  | 29.20       | 2.19  | 31.20       | 2.35  | 33.30       | 2.51  | 35.40       | 2.68  | 37.60       | 2.89  |
|        | 16                              | 12.80                        | 0.82  | 20.60       | 1.46  | 29.20       | 2.19  | 31.20       | 2.37  | 33.30       | 2.53  | 35.40       | 2.71  | 37.60       | 2.95  |
|        | 18                              | 12.80                        | 0.83  | 20.60       | 1.48  | 29.20       | 2.22  | 31.20       | 2.41  | 33.30       | 2.61  | 35.40       | 2.80  | 37.60       | 3.10  |
|        | 20                              | 12.80                        | 0.86  | 20.60       | 1.51  | 29.20       | 2.35  | 31.20       | 2.57  | 33.30       | 2.81  | 35.40       | 3.04  | 37.60       | 3.46  |
|        | 21                              | 14.50                        | 1.02  | 22.20       | 1.77  | 30.80       | 2.87  | 32.70       | 3.18  | 34.80       | 3.50  | 36.80       | 3.83  | 39.00       | 4.55  |
|        | 23                              | 17.90                        | 2.99  | 25.50       | 3.80  | 34.00       | 4.76  | 35.90       | 4.91  | 37.80       | 5.14  | 39.50       | 5.35  | 41.50       | 5.75  |
|        | 25                              | 21.40                        | 3.64  | 28.90       | 4.63  | 37.30       | 5.62  | 39.00       | 5.86  | 40.90       | 6.23  | 42.40       | 6.50  | 44.10       | 6.98  |
|        | 27                              | 25.00                        | 4.56  | 32.20       | 5.58  | 40.60       | 6.91  | 42.30       | 7.34  | 44.10       | 7.67  | 45.20       | 7.99  | 49.20       | 9.01  |
|        | 29                              | 28.70                        | 5.76  | 35.80       | 6.92  | 44.10       | 8.60  | 45.70       | 9.08  | 47.40       | 9.50  | 50.20       | 10.20 | 58.30       | 12.50 |
|        | 31                              | 32.40                        | 7.21  | 39.40       | 8.59  | 47.60       | 10.65 | 49.00       | 11.02 | 53.40       | 12.17 | 59.40       | 13.91 | 67.20       | 16.86 |
|        | 33                              | 36.30                        | 8.90  | 43.20       | 10.48 | 51.30       | 12.88 | 56.40       | 14.48 | 62.70       | 16.63 | 68.50       | 18.79 | 76.30       | 22.53 |
|        | 35                              | 40.30                        | 10.99 | 46.90       | 12.91 | 60.00       | 17.49 | 65.80       | 19.73 | 72.10       | 22.49 | 77.70       | 24.95 | 85.20       | 28.45 |
|        | 37                              | 40.30                        | 11.74 | 46.90       | 13.74 | 60.00       | 18.60 | 65.80       | 21.02 | 72.10       | 23.95 | 77.70       | 26.44 | 85.20       | 30.04 |
|        | 39                              | 40.30                        | 12.63 | 46.90       | 14.61 | 60.00       | 19.72 | 65.80       | 22.05 | 72.10       | 25.08 | 77.70       | 27.46 | 85.20       | 31.00 |
|        | 41                              | 40.30                        | 13.43 | 46.90       | 15.55 | 60.00       | 20.50 | 65.80       | 23.04 | 72.10       | 26.13 | 77.70       | 28.62 | 85.20       | 32.32 |
|        | 43                              | 40.30                        | 14.29 | 46.90       | 16.32 | 60.00       | 20.88 | 65.80       | 23.55 | 72.10       | 26.66 | 77.70       | 29.31 | 82.40       | 31.87 |
|        | 46                              | 40.30                        | 15.57 | 46.90       | 16.94 | 60.00       | 21.94 | 65.80       | 24.93 | 72.00       | 28.14 | 73.10       | 28.69 | 72.10       | 28.95 |
|        | 48                              | 40.30                        | 16.34 | 46.90       | 17.61 | 60.00       | 23.45 | 65.70       | 26.75 | 66.60       | 27.24 | 66.60       | 27.19 | 65.60       | 27.46 |
|        | 50                              | 40.30                        | 17.00 | 46.90       | 18.24 | 60.00       | 25.05 | 60.40       | 25.29 | 60.50       | 25.33 | 60.50       | 25.33 | 59.60       | 25.59 |
|        | 52                              | 40.30                        | 16.75 | 47.00       | 19.09 | 53.00       | 22.54 | 53.60       | 22.57 | 53.80       | 22.38 | 54.00       | 22.24 | 53.50       | 22.36 |
| 90     | 10                              | 11.60                        | 0.86  | 18.50       | 1.36  | 26.30       | 1.95  | 28.00       | 2.08  | 29.90       | 2.22  | 31.90       | 2.38  | 33.90       | 2.56  |
|        | 12                              | 11.60                        | 0.81  | 18.50       | 1.36  | 26.30       | 1.95  | 28.00       | 2.09  | 29.90       | 2.24  | 31.90       | 2.39  | 33.90       | 2.58  |
|        | 14                              | 11.60                        | 0.76  | 18.50       | 1.29  | 26.30       | 1.93  | 28.00       | 2.10  | 29.90       | 2.25  | 31.90       | 2.41  | 33.90       | 2.58  |
|        | 16                              | 11.60                        | 0.73  | 18.50       | 1.26  | 26.30       | 1.94  | 28.00       | 2.11  | 29.90       | 2.27  | 31.90       | 2.41  | 33.90       | 2.62  |
|        | 18                              | 11.60                        | 0.71  | 18.50       | 1.28  | 26.30       | 1.95  | 28.00       | 2.13  | 29.90       | 2.28  | 31.90       | 2.46  | 33.90       | 2.71  |
|        | 20                              | 11.60                        | 0.73  | 18.50       | 1.31  | 26.30       | 2.05  | 28.00       | 2.25  | 29.90       | 2.43  | 31.90       | 2.66  | 33.90       | 2.98  |
|        | 21                              | 13.10                        | 0.87  | 19.90       | 1.51  | 27.70       | 2.42  | 29.40       | 2.69  | 31.30       | 2.95  | 33.10       | 3.24  | 35.00       | 3.85  |
|        | 23                              | 16.10                        | 2.75  | 22.90       | 3.48  | 30.50       | 4.35  | 32.20       | 4.62  | 34.00       | 4.71  | 35.50       | 4.89  | 37.30       | 5.17  |
|        | 25                              | 19.30                        | 3.32  | 25.90       | 4.19  | 33.50       | 5.22  | 35.10       | 5.37  | 36.80       | 5.54  | 38.10       | 5.79  | 39.70       | 6.18  |
|        | 27                              | 22.50                        | 4.10  | 29.00       | 5.16  | 36.60       | 6.24  | 38.00       | 6.48  | 39.60       | 6.77  | 40.70       | 7.05  | 44.30       | 7.88  |
|        | 29                              | 25.80                        | 5.22  | 32.20       | 6.25  | 39.60       | 7.70  | 41.10       | 8.02  | 42.60       | 8.42  | 45.20       | 8.98  | 52.40       | 10.93 |
|        | 31                              | 29.20                        | 6.54  | 35.50       | 7.69  | 42.80       | 9.40  | 44.10       | 9.81  | 48.00       | 10.76 | 53.50       | 12.15 | 60.50       | 14.63 |
|        | 33                              | 32.60                        | 8.04  | 38.80       | 9.36  | 46.10       | 11.40 | 50.70       | 12.73 | 56.40       | 14.52 | 61.70       | 16.29 | 68.50       | 19.34 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 36.30                        | 9.83  | 42.30       | 11.35 | 54.10       | 15.28 | 59.10       | 17.15 | 64.80       | 19.38 | 69.90       | 21.53 | 76.60       | 25.12 |
|        | 37                              | 36.30                        | 10.48 | 42.30       | 12.21 | 54.10       | 16.26 | 59.10       | 18.24 | 64.80       | 20.64 | 69.90       | 22.93 | 76.60       | 26.62 |
|        | 39                              | 36.30                        | 11.20 | 42.30       | 12.99 | 54.10       | 17.30 | 59.10       | 19.41 | 64.80       | 21.67 | 69.90       | 24.05 | 76.60       | 27.74 |
|        | 41                              | 36.30                        | 11.94 | 42.30       | 13.82 | 54.10       | 18.32 | 59.10       | 20.25 | 64.80       | 22.64 | 69.90       | 25.15 | 76.60       | 28.86 |
|        | 43                              | 36.30                        | 12.80 | 42.30       | 14.71 | 54.10       | 18.62 | 59.10       | 20.60 | 64.80       | 23.15 | 69.90       | 25.71 | 76.60       | 29.48 |
|        | 46                              | 36.30                        | 14.05 | 42.30       | 15.63 | 54.10       | 19.46 | 59.10       | 21.50 | 64.90       | 24.45 | 69.90       | 27.08 | 72.10       | 28.96 |
|        | 48                              | 36.30                        | 14.80 | 42.30       | 16.30 | 54.00       | 20.37 | 59.10       | 22.97 | 64.90       | 26.21 | 66.70       | 27.26 | 65.80       | 27.50 |
|        | 50                              | 36.30                        | 15.40 | 42.30       | 16.80 | 54.10       | 21.69 | 59.10       | 24.52 | 60.50       | 25.34 | 60.50       | 25.32 | 59.60       | 25.61 |
|        | 52                              | 36.30                        | 15.29 | 42.20       | 16.75 | 53.40       | 22.62 | 53.60       | 22.74 | 53.70       | 22.54 | 53.80       | 22.40 | 53.40       | 22.53 |
| 80     | 10                              | 10.30                        | 0.77  | 16.50       | 1.21  | 23.30       | 1.72  | 25.00       | 1.85  | 26.60       | 1.97  | 28.40       | 2.10  | 30.10       | 2.26  |
|        | 12                              | 10.30                        | 0.69  | 16.50       | 1.19  | 23.30       | 1.73  | 25.00       | 1.85  | 26.60       | 1.98  | 28.40       | 2.12  | 30.10       | 2.27  |
|        | 14                              | 10.30                        | 0.67  | 16.50       | 1.12  | 23.30       | 1.66  | 25.00       | 1.82  | 26.60       | 1.98  | 28.40       | 2.12  | 30.10       | 2.29  |
|        | 16                              | 10.30                        | 0.63  | 16.50       | 1.06  | 23.30       | 1.65  | 25.00       | 1.82  | 26.60       | 1.98  | 28.40       | 2.12  | 30.10       | 2.30  |
|        | 18                              | 10.30                        | 0.60  | 16.50       | 1.08  | 23.30       | 1.68  | 25.00       | 1.83  | 26.60       | 2.00  | 28.40       | 2.15  | 30.10       | 2.34  |
|        | 20                              | 10.30                        | 0.61  | 16.50       | 1.11  | 23.30       | 1.74  | 25.00       | 1.91  | 26.60       | 2.09  | 28.40       | 2.27  | 30.10       | 2.52  |
|        | 21                              | 11.60                        | 0.72  | 17.80       | 1.25  | 24.60       | 2.02  | 26.20       | 2.23  | 27.80       | 2.46  | 29.40       | 2.69  | 31.10       | 3.14  |
|        | 23                              | 14.30                        | 2.35  | 20.40       | 3.15  | 27.10       | 3.94  | 28.70       | 4.15  | 30.20       | 4.35  | 31.70       | 4.54  | 33.10       | 4.75  |
|        | 25                              | 17.10                        | 2.99  | 23.10       | 3.76  | 29.70       | 4.72  | 31.20       | 4.94  | 32.70       | 5.09  | 33.90       | 5.20  | 35.20       | 5.44  |
|        | 27                              | 19.90                        | 3.64  | 25.90       | 4.58  | 32.50       | 5.63  | 33.80       | 5.82  | 35.20       | 6.03  | 36.20       | 6.18  | 39.40       | 6.84  |
|        | 29                              | 22.90                        | 4.61  | 28.70       | 5.65  | 35.20       | 6.81  | 36.50       | 7.08  | 37.80       | 7.34  | 40.20       | 7.83  | 46.60       | 9.44  |
|        | 31                              | 25.90                        | 5.89  | 31.50       | 6.90  | 38.10       | 8.28  | 39.20       | 8.55  | 42.70       | 9.34  | 47.60       | 10.64 | 53.70       | 12.60 |
|        | 33                              | 29.00                        | 7.21  | 34.50       | 8.31  | 40.90       | 9.94  | 45.00       | 11.05 | 50.20       | 12.57 | 54.90       | 14.00 | 60.90       | 16.46 |
|        | 35                              | 32.20                        | 8.72  | 37.60       | 10.00 | 48.00       | 13.26 | 52.60       | 14.77 | 57.60       | 16.59 | 62.30       | 18.31 | 68.10       | 21.36 |
|        | 37                              | 32.20                        | 9.31  | 37.60       | 10.66 | 48.00       | 14.11 | 52.60       | 15.72 | 57.60       | 17.66 | 62.30       | 19.48 | 68.10       | 22.75 |
|        | 39                              | 32.20                        | 9.91  | 37.60       | 11.46 | 48.00       | 15.01 | 52.60       | 16.73 | 57.60       | 18.78 | 62.30       | 20.74 | 68.10       | 23.93 |
|        | 41                              | 32.20                        | 10.58 | 37.60       | 12.20 | 48.00       | 15.98 | 52.60       | 17.80 | 57.60       | 19.75 | 62.30       | 21.53 | 68.10       | 25.03 |
|        | 43                              | 32.20                        | 11.30 | 37.60       | 12.97 | 48.00       | 17.00 | 52.60       | 18.29 | 57.60       | 20.09 | 62.30       | 21.91 | 68.10       | 25.62 |
|        | 46                              | 32.20                        | 12.53 | 37.60       | 14.13 | 48.00       | 17.55 | 52.60       | 18.99 | 57.60       | 20.97 | 62.10       | 23.01 | 68.10       | 26.89 |
|        | 48                              | 32.20                        | 13.32 | 37.60       | 14.83 | 48.00       | 18.26 | 52.60       | 19.84 | 57.60       | 22.18 | 62.10       | 24.61 | 65.70       | 27.50 |
|        | 50                              | 32.20                        | 14.19 | 37.60       | 15.42 | 47.90       | 18.81 | 52.70       | 20.95 | 57.60       | 23.66 | 60.50       | 25.32 | 59.80       | 25.64 |
|        | 52                              | 32.20                        | 15.11 | 37.60       | 15.16 | 48.00       | 19.62 | 52.50       | 22.17 | 53.60       | 22.79 | 53.60       | 22.59 | 53.20       | 22.75 |
| 70     | 10                              | 8.90                         | 0.67  | 14.40       | 1.06  | 20.40       | 1.50  | 21.90       | 1.61  | 23.30       | 1.72  | 24.80       | 1.83  | 26.40       | 1.97  |
|        | 12                              | 8.90                         | 0.57  | 14.40       | 1.00  | 20.40       | 1.48  | 21.90       | 1.61  | 23.30       | 1.73  | 24.80       | 1.84  | 26.40       | 1.98  |
|        | 14                              | 8.90                         | 0.55  | 14.40       | 0.95  | 20.40       | 1.41  | 21.90       | 1.52  | 23.30       | 1.65  | 24.80       | 1.81  | 26.40       | 1.99  |
|        | 16                              | 8.90                         | 0.53  | 14.40       | 0.89  | 20.40       | 1.36  | 21.90       | 1.51  | 23.30       | 1.65  | 24.80       | 1.80  | 26.40       | 1.97  |
|        | 18                              | 8.90                         | 0.51  | 14.40       | 0.88  | 20.40       | 1.39  | 21.90       | 1.54  | 23.30       | 1.68  | 24.80       | 1.83  | 26.40       | 1.99  |
|        | 20                              | 8.90                         | 0.51  | 14.40       | 0.91  | 20.40       | 1.43  | 21.90       | 1.59  | 23.30       | 1.74  | 24.80       | 1.90  | 26.40       | 2.10  |
|        | 21                              | 10.10                        | 0.58  | 15.50       | 1.02  | 21.50       | 1.62  | 22.90       | 1.81  | 24.30       | 2.00  | 25.70       | 2.18  | 27.30       | 2.52  |
|        | 23                              | 12.60                        | 1.74  | 17.80       | 2.69  | 23.80       | 3.51  | 25.00       | 3.70  | 26.40       | 3.89  | 27.70       | 4.06  | 29.00       | 4.29  |
|        | 25                              | 14.90                        | 2.64  | 20.10       | 3.33  | 26.10       | 4.15  | 27.30       | 4.37  | 28.70       | 4.61  | 29.60       | 4.75  | 30.80       | 4.97  |
|        | 27                              | 17.50                        | 3.20  | 22.60       | 4.03  | 28.40       | 5.01  | 29.60       | 5.24  | 30.80       | 5.39  | 31.70       | 5.49  | 34.50       | 6.02  |
|        | 29                              | 20.00                        | 4.00  | 25.00       | 4.99  | 30.80       | 6.04  | 31.90       | 6.23  | 33.20       | 6.46  | 35.20       | 6.82  | 40.80       | 8.09  |
|        | 31                              | 22.60                        | 5.16  | 27.60       | 6.13  | 33.20       | 7.28  | 34.30       | 7.51  | 37.30       | 8.10  | 41.60       | 9.09  | 47.10       | 10.67 |
|        | 33                              | 25.40                        | 6.38  | 30.20       | 7.33  | 35.80       | 8.65  | 39.40       | 9.52  | 43.90       | 10.70 | 48.00       | 11.84 | 53.40       | 13.88 |
|        | 35                              | 28.20                        | 7.71  | 32.80       | 8.71  | 42.00       | 11.28 | 46.00       | 12.53 | 50.50       | 14.05 | 54.40       | 15.41 | 59.70       | 17.80 |
|        | 37                              | 28.20                        | 8.22  | 32.80       | 9.29  | 42.00       | 12.14 | 46.00       | 13.42 | 50.50       | 14.94 | 54.40       | 16.39 | 59.70       | 18.94 |
|        | 39                              | 28.20                        | 8.74  | 32.80       | 9.93  | 42.00       | 12.91 | 46.00       | 14.28 | 50.50       | 15.92 | 54.40       | 17.44 | 59.70       | 20.17 |
|        | 41                              | 28.20                        | 9.31  | 32.80       | 10.58 | 42.00       | 13.74 | 46.00       | 15.19 | 50.50       | 16.92 | 54.40       | 18.56 | 59.70       | 21.32 |
|        | 43                              | 28.20                        | 9.96  | 32.80       | 11.37 | 42.00       | 14.62 | 46.00       | 16.17 | 50.50       | 17.79 | 54.40       | 19.04 | 59.70       | 21.72 |
|        | 46                              | 28.20                        | 11.00 | 32.80       | 12.49 | 42.00       | 15.76 | 46.00       | 17.06 | 50.50       | 18.48 | 54.40       | 19.79 | 59.70       | 22.73 |
|        | 48                              | 28.20                        | 11.79 | 32.80       | 13.17 | 42.00       | 16.45 | 46.00       | 17.79 | 50.50       | 19.22 | 54.40       | 20.69 | 59.50       | 23.93 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 28.20                        | 12.57 | 32.80       | 13.71 | 42.00       | 16.98 | 46.00       | 18.31 | 50.40       | 19.89 | 54.40       | 21.88 | 59.30       | 25.45 |
|        | 52                              | 28.20                        | 13.38 | 32.80       | 13.63 | 42.00       | 16.73 | 46.00       | 18.53 | 50.50       | 20.94 | 53.60       | 22.69 | 53.10       | 23.07 |
| 60     | 10                              | 7.70                         | 0.57  | 12.40       | 0.91  | 17.50       | 1.29  | 18.70       | 1.38  | 20.00       | 1.47  | 21.30       | 1.57  | 22.60       | 1.68  |
|        | 12                              | 7.70                         | 0.46  | 12.40       | 0.81  | 17.50       | 1.23  | 18.70       | 1.34  | 20.00       | 1.46  | 21.30       | 1.57  | 22.60       | 1.69  |
|        | 14                              | 7.70                         | 0.44  | 12.40       | 0.78  | 17.50       | 1.17  | 18.70       | 1.27  | 20.00       | 1.38  | 21.30       | 1.49  | 22.60       | 1.59  |
|        | 16                              | 7.70                         | 0.44  | 12.40       | 0.74  | 17.50       | 1.12  | 18.70       | 1.20  | 20.00       | 1.34  | 21.30       | 1.46  | 22.60       | 1.60  |
|        | 18                              | 7.70                         | 0.42  | 12.40       | 0.70  | 17.50       | 1.10  | 18.70       | 1.22  | 20.00       | 1.36  | 21.30       | 1.49  | 22.60       | 1.62  |
|        | 20                              | 7.70                         | 0.40  | 12.40       | 0.72  | 17.50       | 1.14  | 18.70       | 1.26  | 20.00       | 1.41  | 21.30       | 1.54  | 22.60       | 1.71  |
|        | 21                              | 8.70                         | 0.46  | 13.30       | 0.80  | 18.40       | 1.28  | 19.60       | 1.41  | 20.80       | 1.57  | 22.10       | 1.72  | 23.30       | 1.95  |
|        | 23                              | 10.70                        | 1.14  | 15.30       | 1.93  | 20.30       | 3.06  | 21.50       | 3.24  | 22.60       | 3.41  | 23.80       | 3.56  | 24.80       | 3.77  |
|        | 25                              | 12.80                        | 2.31  | 17.30       | 2.88  | 22.30       | 3.60  | 23.50       | 3.78  | 24.50       | 3.99  | 25.40       | 4.16  | 26.40       | 4.38  |
|        | 27                              | 14.90                        | 2.78  | 19.40       | 3.46  | 24.30       | 4.30  | 25.40       | 4.53  | 26.40       | 4.78  | 27.20       | 4.91  | 29.50       | 5.33  |
|        | 29                              | 17.20                        | 3.43  | 21.50       | 4.24  | 26.40       | 5.25  | 27.50       | 5.44  | 28.40       | 5.62  | 30.10       | 5.94  | 34.90       | 6.92  |
|        | 31                              | 19.40                        | 4.33  | 23.60       | 5.34  | 28.50       | 6.33  | 29.40       | 6.50  | 32.00       | 7.02  | 35.70       | 7.79  | 40.30       | 8.98  |
|        | 33                              | 21.70                        | 5.60  | 25.90       | 6.39  | 30.70       | 7.47  | 33.80       | 8.15  | 37.60       | 9.06  | 41.20       | 9.96  | 45.70       | 11.46 |
|        | 35                              | 24.10                        | 6.71  | 28.20       | 7.56  | 35.90       | 9.57  | 39.50       | 10.51 | 43.30       | 11.63 | 46.70       | 12.70 | 51.10       | 14.65 |
|        | 37                              | 24.10                        | 7.13  | 28.20       | 8.05  | 35.90       | 10.21 | 39.50       | 11.20 | 43.30       | 12.42 | 46.70       | 13.62 | 51.10       | 15.58 |
|        | 39                              | 24.10                        | 7.64  | 28.20       | 8.58  | 35.90       | 10.89 | 39.50       | 12.06 | 43.30       | 13.31 | 46.70       | 14.50 | 51.10       | 16.58 |
|        | 41                              | 24.10                        | 8.15  | 28.20       | 9.17  | 35.90       | 11.69 | 39.50       | 12.83 | 43.30       | 14.16 | 46.70       | 15.43 | 51.10       | 17.63 |
|        | 43                              | 24.10                        | 8.70  | 28.20       | 9.75  | 35.90       | 12.43 | 39.50       | 13.66 | 43.30       | 15.09 | 46.70       | 16.41 | 51.10       | 18.77 |
|        | 46                              | 24.10                        | 9.59  | 28.20       | 10.84 | 35.90       | 13.65 | 39.50       | 14.88 | 43.30       | 16.26 | 46.70       | 17.40 | 51.10       | 19.62 |
|        | 48                              | 24.10                        | 10.22 | 28.20       | 11.55 | 35.90       | 14.35 | 39.50       | 15.63 | 43.30       | 16.98 | 46.70       | 18.16 | 51.10       | 20.46 |
|        | 50                              | 24.10                        | 11.04 | 28.20       | 12.31 | 35.90       | 14.92 | 39.50       | 16.24 | 43.30       | 17.52 | 46.70       | 18.70 | 51.10       | 21.07 |
|        | 52                              | 24.10                        | 11.76 | 28.20       | 13.11 | 35.90       | 14.80 | 39.50       | 15.99 | 43.30       | 17.27 | 46.70       | 18.79 | 51.10       | 21.77 |
| 50     | 10                              | 6.50                         | 0.49  | 10.30       | 0.76  | 14.50       | 1.08  | 15.60       | 1.15  | 16.60       | 1.22  | 17.70       | 1.30  | 18.90       | 1.40  |
|        | 12                              | 6.50                         | 0.43  | 10.30       | 0.63  | 14.50       | 0.96  | 15.60       | 1.05  | 16.60       | 1.16  | 17.70       | 1.26  | 18.90       | 1.37  |
|        | 14                              | 6.50                         | 0.36  | 10.30       | 0.61  | 14.50       | 0.92  | 15.60       | 1.01  | 16.60       | 1.10  | 17.70       | 1.19  | 18.90       | 1.29  |
|        | 16                              | 6.50                         | 0.34  | 10.30       | 0.58  | 14.50       | 0.87  | 15.60       | 0.96  | 16.60       | 1.05  | 17.70       | 1.13  | 18.90       | 1.22  |
|        | 18                              | 6.50                         | 0.34  | 10.30       | 0.56  | 14.50       | 0.84  | 15.60       | 0.92  | 16.60       | 1.02  | 17.70       | 1.13  | 18.90       | 1.24  |
|        | 20                              | 6.50                         | 0.32  | 10.30       | 0.54  | 14.50       | 0.86  | 15.60       | 0.95  | 16.60       | 1.06  | 17.70       | 1.17  | 18.90       | 1.29  |
|        | 21                              | 7.30                         | 0.36  | 11.00       | 0.60  | 15.40       | 0.94  | 16.40       | 1.06  | 17.30       | 1.17  | 18.40       | 1.28  | 19.40       | 1.45  |
|        | 23                              | 8.90                         | 0.74  | 12.70       | 1.21  | 17.00       | 2.35  | 17.90       | 2.65  | 18.90       | 2.90  | 19.80       | 3.04  | 20.70       | 3.23  |
|        | 25                              | 10.90                        | 2.03  | 14.40       | 2.45  | 18.60       | 3.02  | 19.60       | 3.19  | 20.40       | 3.35  | 21.20       | 3.52  | 22.00       | 3.72  |
|        | 27                              | 12.60                        | 2.38  | 16.10       | 2.90  | 20.30       | 3.57  | 21.20       | 3.77  | 22.00       | 3.96  | 22.60       | 4.14  | 24.50       | 4.52  |
|        | 29                              | 14.30                        | 2.90  | 17.80       | 3.51  | 22.00       | 4.34  | 22.80       | 4.57  | 23.60       | 4.81  | 25.10       | 5.09  | 29.10       | 5.83  |
|        | 31                              | 16.30                        | 3.60  | 19.70       | 4.38  | 23.80       | 5.38  | 24.50       | 5.56  | 26.60       | 5.97  | 29.70       | 6.54  | 33.60       | 7.44  |
|        | 33                              | 18.20                        | 4.65  | 21.50       | 5.48  | 25.60       | 6.32  | 28.20       | 6.91  | 31.30       | 7.53  | 34.30       | 8.22  | 38.00       | 9.35  |
|        | 35                              | 20.10                        | 5.76  | 23.40       | 6.44  | 30.10       | 8.00  | 32.90       | 8.71  | 36.00       | 9.54  | 38.90       | 10.34 | 42.50       | 11.68 |
|        | 37                              | 20.10                        | 6.11  | 23.40       | 6.84  | 30.10       | 8.51  | 32.90       | 9.26  | 36.00       | 10.18 | 38.90       | 11.04 | 42.50       | 12.47 |
|        | 39                              | 20.10                        | 6.52  | 23.40       | 7.31  | 30.10       | 9.09  | 32.90       | 9.90  | 36.00       | 10.87 | 38.90       | 11.79 | 42.50       | 13.41 |
|        | 41                              | 20.10                        | 6.96  | 23.40       | 7.79  | 30.10       | 9.68  | 32.90       | 10.57 | 36.00       | 11.59 | 38.90       | 12.63 | 42.50       | 14.26 |
|        | 43                              | 20.10                        | 7.44  | 23.40       | 8.30  | 30.10       | 10.33 | 32.90       | 11.37 | 36.00       | 12.44 | 38.90       | 13.43 | 42.50       | 15.18 |
|        | 46                              | 20.10                        | 8.22  | 23.40       | 9.21  | 30.10       | 11.48 | 32.90       | 12.49 | 36.00       | 13.66 | 38.90       | 14.75 | 42.50       | 16.54 |
|        | 48                              | 20.10                        | 8.78  | 23.40       | 9.81  | 30.10       | 12.23 | 32.90       | 13.21 | 36.00       | 14.40 | 38.90       | 15.45 | 42.50       | 17.37 |
|        | 50                              | 20.10                        | 9.55  | 23.40       | 10.59 | 30.10       | 13.02 | 32.90       | 14.15 | 36.00       | 14.97 | 38.90       | 16.07 | 42.50       | 18.06 |
|        | 52                              | 20.10                        | 10.20 | 23.40       | 11.29 | 30.10       | 13.86 | 32.90       | 14.76 | 36.00       | 14.88 | 38.90       | 15.90 | 42.50       | 17.79 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM300LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 17.80                        | 1.20  | 28.70       | 1.92  | 40.60       | 2.74  | 43.50       | 2.96  | 46.30       | 3.16  | 49.30       | 3.39  | 52.50       | 3.66  |
|        | 12                              | 17.80                        | 1.20  | 28.70       | 1.92  | 40.60       | 2.73  | 43.50       | 2.96  | 46.30       | 3.20  | 49.30       | 3.42  | 52.50       | 3.66  |
|        | 14                              | 17.80                        | 1.17  | 28.70       | 1.91  | 40.60       | 2.76  | 43.50       | 3.01  | 46.30       | 3.22  | 49.30       | 3.42  | 52.50       | 3.73  |
|        | 16                              | 17.80                        | 1.13  | 28.70       | 1.92  | 40.60       | 2.80  | 43.50       | 3.06  | 46.30       | 3.28  | 49.30       | 3.51  | 52.50       | 3.86  |
|        | 18                              | 17.80                        | 1.14  | 28.70       | 1.95  | 40.60       | 2.92  | 43.50       | 3.21  | 46.30       | 3.46  | 49.30       | 3.74  | 52.50       | 4.23  |
|        | 20                              | 17.80                        | 1.18  | 28.70       | 2.05  | 40.60       | 3.25  | 43.50       | 3.61  | 46.30       | 4.00  | 49.30       | 4.42  | 52.50       | 5.26  |
|        | 21                              | 20.20                        | 1.46  | 30.90       | 2.59  | 42.80       | 4.44  | 45.70       | 4.89  | 48.50       | 5.14  | 51.20       | 5.43  | 54.20       | 5.94  |
|        | 23                              | 25.00                        | 3.52  | 35.50       | 4.42  | 47.30       | 5.70  | 50.00       | 6.04  | 52.70       | 6.36  | 55.00       | 6.70  | 57.70       | 7.33  |
|        | 25                              | 29.80                        | 4.39  | 40.10       | 5.53  | 51.80       | 7.20  | 54.40       | 7.56  | 57.00       | 7.93  | 59.00       | 8.40  | 61.30       | 9.02  |
|        | 27                              | 34.80                        | 5.58  | 45.00       | 7.01  | 56.50       | 9.07  | 58.90       | 9.52  | 61.50       | 10.03 | 63.00       | 10.45 | 68.50       | 11.88 |
|        | 29                              | 39.90                        | 7.27  | 49.80       | 8.87  | 61.30       | 11.27 | 63.50       | 11.77 | 66.00       | 12.31 | 70.00       | 13.28 | 81.10       | 16.66 |
|        | 31                              | 45.10                        | 9.14  | 54.80       | 11.03 | 66.20       | 13.82 | 68.40       | 14.38 | 74.30       | 16.04 | 82.70       | 18.65 | 93.60       | 23.03 |
|        | 33                              | 50.50                        | 11.47 | 60.00       | 13.64 | 71.30       | 16.95 | 78.50       | 19.31 | 87.40       | 22.54 | 95.50       | 25.82 | 106.1       | 30.62 |
|        | 35                              | 56.10                        | 14.36 | 65.30       | 16.89 | 83.60       | 23.62 | 91.60       | 27.03 | 100.5       | 30.59 | 108.3       | 34.00 | 118.5       | 39.29 |
|        | 37                              | 56.10                        | 15.32 | 65.30       | 18.01 | 83.60       | 25.22 | 91.50       | 28.75 | 100.4       | 32.58 | 108.3       | 36.29 | 111.6       | 38.97 |
|        | 39                              | 56.10                        | 16.33 | 65.30       | 18.92 | 83.60       | 26.25 | 91.60       | 29.82 | 100.3       | 33.90 | 104.6       | 36.03 | 103.5       | 36.39 |
|        | 41                              | 56.10                        | 17.41 | 65.30       | 19.78 | 83.50       | 27.27 | 91.50       | 30.89 | 96.60       | 33.31 | 96.50       | 33.32 | 95.60       | 33.68 |
|        | 43                              | 56.10                        | 18.38 | 65.30       | 20.79 | 83.50       | 28.78 | 88.90       | 31.22 | 88.80       | 31.21 | 88.90       | 31.21 | 87.80       | 31.56 |
|        | 46                              | 56.10                        | 19.93 | 65.30       | 22.39 | 77.90       | 28.52 | 77.80       | 28.51 | 77.90       | 28.50 | 77.90       | 28.50 | 76.80       | 28.87 |
|        | 48                              | 56.10                        | 21.11 | 65.40       | 24.38 | 71.00       | 27.29 | 71.00       | 27.27 | 70.80       | 27.18 | 70.90       | 27.25 | 70.10       | 27.56 |
|        | 50                              | 56.20                        | 22.33 | 64.30       | 25.89 | 64.40       | 25.87 | 64.40       | 25.87 | 64.30       | 25.85 | 64.40       | 25.84 | 63.30       | 26.02 |
|        | 52                              | 56.00                        | 23.51 | 57.30       | 23.34 | 57.60       | 22.78 | 57.70       | 22.65 | 57.80       | 22.51 | 57.90       | 22.43 | 57.40       | 22.59 |
| 120    | 10                              | 16.50                        | 1.11  | 26.50       | 1.77  | 37.50       | 2.52  | 40.10       | 2.71  | 42.80       | 2.89  | 45.50       | 3.09  | 48.50       | 3.35  |
|        | 12                              | 16.50                        | 1.11  | 26.50       | 1.77  | 37.50       | 2.54  | 40.10       | 2.70  | 42.80       | 2.90  | 45.50       | 3.14  | 48.50       | 3.39  |
|        | 14                              | 16.50                        | 1.06  | 26.50       | 1.75  | 37.50       | 2.54  | 40.10       | 2.72  | 42.80       | 2.95  | 45.50       | 3.18  | 48.50       | 3.42  |
|        | 16                              | 16.50                        | 1.03  | 26.50       | 1.74  | 37.50       | 2.56  | 40.10       | 2.77  | 42.80       | 3.01  | 45.50       | 3.22  | 48.50       | 3.51  |
|        | 18                              | 16.50                        | 1.03  | 26.50       | 1.77  | 37.50       | 2.64  | 40.10       | 2.88  | 42.80       | 3.14  | 45.50       | 3.39  | 48.50       | 3.76  |
|        | 20                              | 16.50                        | 1.06  | 26.50       | 1.86  | 37.50       | 2.91  | 40.10       | 3.19  | 42.80       | 3.52  | 45.50       | 3.89  | 48.50       | 4.54  |
|        | 21                              | 18.70                        | 1.29  | 28.50       | 2.28  | 39.50       | 3.83  | 42.10       | 4.31  | 44.70       | 4.79  | 47.30       | 5.06  | 50.00       | 5.41  |
|        | 23                              | 23.00                        | 3.31  | 32.80       | 4.18  | 43.60       | 5.19  | 46.10       | 5.56  | 48.50       | 5.88  | 50.80       | 6.14  | 53.30       | 6.57  |
|        | 25                              | 27.50                        | 4.10  | 37.10       | 5.10  | 47.80       | 6.56  | 50.20       | 6.99  | 52.50       | 7.27  | 54.50       | 7.54  | 56.70       | 8.10  |
|        | 27                              | 32.10                        | 5.18  | 41.50       | 6.49  | 52.20       | 8.25  | 54.30       | 8.67  | 56.60       | 9.07  | 58.20       | 9.34  | 63.30       | 10.77 |
|        | 29                              | 36.80                        | 6.73  | 46.00       | 8.19  | 56.50       | 10.27 | 58.70       | 10.70 | 60.80       | 11.18 | 64.60       | 12.00 | 74.90       | 14.90 |
|        | 31                              | 41.70                        | 8.49  | 50.70       | 10.10 | 61.10       | 12.53 | 63.10       | 13.01 | 68.50       | 14.44 | 76.50       | 16.67 | 86.30       | 20.41 |
|        | 33                              | 46.60                        | 10.52 | 55.50       | 12.41 | 65.80       | 15.28 | 72.50       | 17.32 | 80.60       | 20.06 | 88.10       | 22.84 | 98.00       | 27.42 |
|        | 35                              | 51.70                        | 13.08 | 60.40       | 15.28 | 77.20       | 21.07 | 84.50       | 23.99 | 92.60       | 27.47 | 99.90       | 30.39 | 109.5       | 35.45 |
|        | 37                              | 51.70                        | 13.95 | 60.40       | 16.30 | 77.20       | 22.48 | 84.50       | 25.61 | 92.70       | 29.21 | 99.90       | 32.36 | 109.5       | 37.87 |
|        | 39                              | 51.70                        | 14.89 | 60.40       | 17.38 | 77.20       | 23.49 | 84.50       | 26.67 | 92.60       | 30.31 | 99.90       | 33.66 | 103.5       | 36.45 |
|        | 41                              | 51.70                        | 15.87 | 60.40       | 18.10 | 77.20       | 24.28 | 84.50       | 27.71 | 92.70       | 31.42 | 96.70       | 33.33 | 95.60       | 33.66 |
|        | 43                              | 51.70                        | 16.93 | 60.40       | 18.95 | 77.20       | 25.56 | 84.50       | 29.17 | 88.80       | 31.22 | 88.90       | 31.22 | 87.80       | 31.51 |
|        | 46                              | 51.70                        | 18.41 | 60.30       | 20.24 | 77.20       | 28.12 | 77.90       | 28.55 | 77.80       | 28.52 | 77.80       | 28.51 | 77.00       | 28.91 |
|        | 48                              | 51.70                        | 19.53 | 60.30       | 22.03 | 71.10       | 27.31 | 71.00       | 27.28 | 70.90       | 27.28 | 70.90       | 27.22 | 70.00       | 27.60 |
|        | 50                              | 51.70                        | 20.69 | 60.30       | 23.77 | 64.50       | 25.91 | 64.40       | 25.91 | 64.70       | 26.02 | 64.40       | 25.89 | 63.60       | 26.15 |
|        | 52                              | 51.70                        | 21.20 | 57.20       | 23.59 | 57.50       | 23.00 | 57.50       | 22.89 | 57.70       | 22.76 | 57.70       | 22.67 | 57.30       | 22.92 |
| 110    | 10                              | 15.10                        | 1.02  | 24.30       | 1.62  | 34.30       | 2.31  | 36.80       | 2.47  | 39.20       | 2.65  | 41.80       | 2.83  | 44.30       | 3.05  |
|        | 12                              | 15.10                        | 1.02  | 24.30       | 1.62  | 34.30       | 2.33  | 36.80       | 2.49  | 39.20       | 2.64  | 41.80       | 2.83  | 44.30       | 3.06  |
|        | 14                              | 15.10                        | 0.97  | 24.30       | 1.60  | 34.30       | 2.31  | 36.80       | 2.50  | 39.20       | 2.66  | 41.80       | 2.86  | 44.30       | 3.13  |
|        | 16                              | 15.10                        | 0.93  | 24.30       | 1.57  | 34.30       | 2.33  | 36.80       | 2.51  | 39.20       | 2.69  | 41.80       | 2.91  | 44.30       | 3.20  |
|        | 18                              | 15.10                        | 0.91  | 24.30       | 1.59  | 34.30       | 2.40  | 36.80       | 2.59  | 39.20       | 2.79  | 41.80       | 3.04  | 44.30       | 3.38  |
|        | 20                              | 15.10                        | 0.94  | 24.30       | 1.66  | 34.30       | 2.60  | 36.80       | 2.85  | 39.20       | 3.08  | 41.80       | 3.38  | 44.30       | 3.94  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 17.10                        | 1.14  | 26.20       | 2.00  | 36.20       | 3.34  | 38.50       | 3.68  | 41.00       | 4.09  | 43.30       | 4.54  | 45.80       | 5.02  |
|        | 23                              | 21.10                        | 3.08  | 30.00       | 3.92  | 40.00       | 4.84  | 42.20       | 5.05  | 44.50       | 5.39  | 46.60       | 5.67  | 48.80       | 6.04  |
|        | 25                              | 25.20                        | 3.81  | 34.00       | 4.75  | 43.80       | 6.01  | 46.00       | 6.28  | 48.20       | 6.65  | 49.90       | 6.90  | 51.80       | 7.33  |
|        | 27                              | 29.50                        | 4.76  | 38.00       | 6.00  | 47.80       | 7.46  | 49.80       | 7.82  | 52.00       | 8.28  | 53.30       | 8.47  | 58.00       | 9.57  |
|        | 29                              | 33.80                        | 6.13  | 42.20       | 7.50  | 52.00       | 9.25  | 53.80       | 9.70  | 55.80       | 10.11 | 59.20       | 10.81 | 68.50       | 13.21 |
|        | 31                              | 38.20                        | 7.79  | 46.50       | 9.19  | 56.10       | 11.31 | 57.80       | 11.71 | 62.80       | 12.94 | 70.00       | 14.83 | 79.20       | 18.00 |
|        | 33                              | 42.70                        | 9.63  | 50.80       | 11.26 | 60.30       | 13.72 | 66.30       | 15.46 | 74.00       | 17.80 | 80.80       | 20.13 | 89.70       | 24.18 |
|        | 35                              | 47.50                        | 11.89 | 55.30       | 13.77 | 70.80       | 18.72 | 77.40       | 21.18 | 85.00       | 24.17 | 91.60       | 27.04 | 100.3       | 31.35 |
|        | 37                              | 47.50                        | 12.67 | 55.30       | 14.69 | 70.80       | 19.97 | 77.40       | 22.60 | 85.00       | 25.80 | 91.60       | 28.76 | 100.4       | 33.40 |
|        | 39                              | 47.50                        | 13.51 | 55.30       | 15.66 | 70.80       | 20.94 | 77.40       | 23.62 | 85.00       | 26.87 | 91.60       | 29.84 | 100.3       | 34.78 |
|        | 41                              | 47.50                        | 14.41 | 55.30       | 16.62 | 70.80       | 21.89 | 77.40       | 24.52 | 85.00       | 27.92 | 91.50       | 30.92 | 95.50       | 33.72 |
|        | 43                              | 47.50                        | 15.38 | 55.30       | 17.42 | 70.80       | 22.68 | 77.50       | 25.70 | 85.00       | 29.38 | 88.80       | 31.25 | 87.90       | 31.58 |
|        | 46                              | 47.50                        | 16.96 | 55.30       | 18.86 | 70.80       | 24.86 | 77.50       | 28.26 | 77.80       | 28.53 | 77.90       | 28.52 | 76.90       | 28.88 |
|        | 48                              | 47.50                        | 17.96 | 55.30       | 19.86 | 70.50       | 27.02 | 70.90       | 27.29 | 71.00       | 27.29 | 71.10       | 27.27 | 70.10       | 27.59 |
|        | 50                              | 47.50                        | 19.04 | 55.40       | 21.42 | 64.40       | 25.88 | 64.40       | 25.88 | 64.30       | 25.86 | 64.30       | 25.90 | 63.60       | 26.18 |
|        | 52                              | 47.50                        | 19.51 | 55.30       | 22.64 | 57.40       | 23.30 | 57.40       | 23.19 | 57.50       | 23.05 | 57.60       | 22.91 | 57.20       | 23.03 |
| 100    | 10                              | 13.80                        | 0.93  | 22.00       | 1.48  | 31.20       | 2.10  | 33.50       | 2.25  | 35.70       | 2.40  | 38.00       | 2.56  | 40.30       | 2.74  |
|        | 12                              | 13.80                        | 0.91  | 22.00       | 1.48  | 31.20       | 2.10  | 33.50       | 2.26  | 35.70       | 2.42  | 38.00       | 2.58  | 40.30       | 2.74  |
|        | 14                              | 13.80                        | 0.87  | 22.00       | 1.43  | 31.20       | 2.08  | 33.50       | 2.26  | 35.70       | 2.43  | 38.00       | 2.57  | 40.30       | 2.77  |
|        | 16                              | 13.80                        | 0.82  | 22.00       | 1.38  | 31.20       | 2.08  | 33.50       | 2.27  | 35.70       | 2.43  | 38.00       | 2.61  | 40.30       | 2.84  |
|        | 18                              | 13.80                        | 0.80  | 22.00       | 1.41  | 31.20       | 2.13  | 33.50       | 2.32  | 35.70       | 2.51  | 38.00       | 2.69  | 40.30       | 2.97  |
|        | 20                              | 13.80                        | 0.82  | 22.00       | 1.45  | 31.20       | 2.28  | 33.50       | 2.51  | 35.70       | 2.72  | 38.00       | 2.95  | 40.30       | 3.36  |
|        | 21                              | 15.50                        | 0.98  | 23.80       | 1.72  | 33.00       | 2.84  | 35.10       | 3.17  | 37.20       | 3.48  | 39.50       | 3.82  | 41.70       | 4.56  |
|        | 23                              | 19.20                        | 2.86  | 27.30       | 3.61  | 36.40       | 4.51  | 38.50       | 4.71  | 40.50       | 4.89  | 42.30       | 5.11  | 44.40       | 5.49  |
|        | 25                              | 23.00                        | 3.48  | 30.90       | 4.41  | 39.90       | 5.44  | 41.80       | 5.72  | 43.80       | 6.00  | 45.40       | 6.25  | 47.20       | 6.66  |
|        | 27                              | 26.80                        | 4.35  | 34.50       | 5.42  | 43.50       | 6.79  | 45.30       | 7.07  | 47.20       | 7.37  | 48.50       | 7.67  | 52.70       | 8.62  |
|        | 29                              | 30.70                        | 5.56  | 38.30       | 6.83  | 47.20       | 8.39  | 48.90       | 8.70  | 50.70       | 9.08  | 53.80       | 9.71  | 62.40       | 11.79 |
|        | 31                              | 34.80                        | 7.16  | 42.20       | 8.41  | 51.00       | 10.18 | 52.60       | 10.52 | 57.20       | 11.55 | 63.70       | 13.14 | 72.00       | 15.81 |
|        | 33                              | 38.90                        | 8.79  | 46.20       | 10.18 | 54.90       | 12.26 | 60.40       | 13.72 | 67.20       | 15.68 | 73.50       | 17.64 | 81.70       | 21.01 |
|        | 35                              | 43.20                        | 10.76 | 50.30       | 12.36 | 64.30       | 16.54 | 70.50       | 18.58 | 77.20       | 21.09 | 83.30       | 23.47 | 91.20       | 27.58 |
|        | 37                              | 43.20                        | 11.47 | 50.30       | 13.19 | 64.30       | 17.64 | 70.50       | 19.84 | 77.20       | 22.49 | 83.30       | 25.05 | 91.20       | 29.33 |
|        | 39                              | 43.20                        | 12.23 | 50.30       | 14.06 | 64.30       | 18.74 | 70.50       | 20.84 | 77.20       | 23.54 | 83.30       | 26.15 | 91.20       | 30.45 |
|        | 41                              | 43.20                        | 13.04 | 50.30       | 15.00 | 64.30       | 19.49 | 70.50       | 21.77 | 77.20       | 24.59 | 83.30       | 27.09 | 91.20       | 31.57 |
|        | 43                              | 43.20                        | 13.91 | 50.30       | 15.91 | 64.30       | 20.44 | 70.50       | 22.71 | 77.20       | 25.59 | 83.30       | 28.59 | 87.90       | 31.55 |
|        | 46                              | 43.20                        | 15.35 | 50.30       | 17.26 | 64.30       | 21.92 | 70.40       | 24.69 | 77.30       | 28.12 | 78.00       | 28.52 | 76.90       | 28.88 |
|        | 48                              | 43.20                        | 16.37 | 50.30       | 18.30 | 64.30       | 23.89 | 70.50       | 26.94 | 71.10       | 27.31 | 71.00       | 27.26 | 70.10       | 27.61 |
|        | 50                              | 43.20                        | 17.49 | 50.30       | 19.24 | 64.00       | 25.66 | 64.40       | 25.91 | 64.40       | 25.89 | 64.40       | 25.90 | 63.60       | 26.16 |
|        | 52                              | 43.20                        | 18.21 | 50.20       | 20.16 | 57.10       | 23.57 | 57.30       | 23.41 | 57.40       | 23.21 | 57.50       | 23.06 | 57.00       | 23.15 |
| 90     | 10                              | 12.40                        | 0.83  | 19.80       | 1.32  | 28.20       | 1.89  | 30.00       | 2.01  | 32.10       | 2.15  | 34.20       | 2.30  | 36.30       | 2.47  |
|        | 12                              | 12.40                        | 0.81  | 19.80       | 1.32  | 28.20       | 1.89  | 30.00       | 2.03  | 32.10       | 2.16  | 34.20       | 2.31  | 36.30       | 2.49  |
|        | 14                              | 12.40                        | 0.76  | 19.80       | 1.27  | 28.20       | 1.85  | 30.00       | 2.00  | 32.10       | 2.14  | 34.20       | 2.31  | 36.30       | 2.49  |
|        | 16                              | 12.40                        | 0.73  | 19.80       | 1.22  | 28.20       | 1.83  | 30.00       | 1.99  | 32.10       | 2.16  | 34.20       | 2.33  | 36.30       | 2.52  |
|        | 18                              | 12.40                        | 0.70  | 19.80       | 1.22  | 28.20       | 1.86  | 30.00       | 2.04  | 32.10       | 2.21  | 34.20       | 2.38  | 36.30       | 2.60  |
|        | 20                              | 12.40                        | 0.71  | 19.80       | 1.25  | 28.20       | 1.98  | 30.00       | 2.18  | 32.10       | 2.37  | 34.20       | 2.58  | 36.30       | 2.90  |
|        | 21                              | 14.00                        | 0.85  | 21.30       | 1.46  | 29.70       | 2.38  | 31.50       | 2.65  | 33.50       | 2.92  | 35.50       | 3.21  | 37.50       | 3.85  |
|        | 23                              | 17.30                        | 2.65  | 24.50       | 3.32  | 32.70       | 4.14  | 34.50       | 4.37  | 36.50       | 4.51  | 38.10       | 4.65  | 40.00       | 4.91  |
|        | 25                              | 20.70                        | 3.18  | 27.80       | 4.00  | 35.90       | 4.96  | 37.60       | 5.18  | 39.50       | 5.44  | 40.80       | 5.63  | 42.50       | 5.97  |
|        | 27                              | 24.20                        | 3.95  | 31.10       | 4.91  | 39.20       | 6.16  | 40.70       | 6.39  | 42.50       | 6.63  | 43.60       | 6.80  | 47.50       | 7.57  |
|        | 29                              | 27.70                        | 5.03  | 34.50       | 6.21  | 42.50       | 7.55  | 44.00       | 7.83  | 45.70       | 8.11  | 48.50       | 8.62  | 56.10       | 10.37 |
|        | 31                              | 31.30                        | 6.47  | 38.00       | 7.59  | 45.90       | 9.11  | 47.30       | 9.40  | 51.50       | 10.27 | 57.30       | 11.53 | 64.80       | 13.79 |
|        | 33                              | 35.00                        | 7.98  | 41.50       | 9.17  | 49.40       | 10.92 | 54.30       | 12.13 | 60.50       | 13.76 | 66.10       | 15.37 | 73.30       | 18.13 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 38.90                        | 9.70  | 45.30       | 11.04 | 57.90       | 14.54 | 63.30       | 16.24 | 69.50       | 18.27 | 74.90       | 20.22 | 82.00       | 23.68 |
|        | 37                              | 38.90                        | 10.33 | 45.30       | 11.78 | 57.90       | 15.49 | 63.30       | 17.31 | 69.50       | 19.49 | 74.90       | 21.57 | 82.00       | 25.27 |
|        | 39                              | 38.90                        | 11.01 | 45.30       | 12.56 | 57.90       | 16.53 | 63.30       | 18.47 | 69.50       | 20.50 | 74.90       | 22.63 | 82.00       | 26.47 |
|        | 41                              | 38.90                        | 11.74 | 45.30       | 13.40 | 57.90       | 17.53 | 63.30       | 19.27 | 69.50       | 21.42 | 74.90       | 23.64 | 82.00       | 27.69 |
|        | 43                              | 38.90                        | 12.54 | 45.30       | 14.30 | 57.90       | 18.38 | 63.30       | 20.18 | 69.50       | 22.53 | 75.00       | 24.52 | 82.00       | 28.82 |
|        | 46                              | 38.90                        | 13.83 | 45.30       | 15.66 | 57.90       | 19.90 | 63.30       | 21.52 | 69.50       | 24.25 | 75.00       | 26.93 | 76.90       | 28.87 |
|        | 48                              | 38.90                        | 14.76 | 45.30       | 16.64 | 57.90       | 20.96 | 63.30       | 23.42 | 69.50       | 26.45 | 71.10       | 27.32 | 70.20       | 27.63 |
|        | 50                              | 38.90                        | 15.76 | 45.30       | 17.64 | 58.00       | 22.59 | 63.40       | 25.29 | 64.40       | 25.92 | 64.40       | 25.90 | 63.60       | 26.19 |
|        | 52                              | 38.90                        | 16.55 | 45.30       | 17.85 | 57.00       | 23.51 | 57.10       | 23.60 | 57.30       | 23.39 | 57.40       | 23.21 | 57.10       | 23.35 |
| 80     | 10                              | 11.00                        | 0.74  | 17.70       | 1.18  | 25.00       | 1.67  | 26.70       | 1.80  | 28.50       | 1.91  | 30.40       | 2.03  | 32.30       | 2.19  |
|        | 12                              | 11.00                        | 0.69  | 17.70       | 1.17  | 25.00       | 1.68  | 26.70       | 1.80  | 28.50       | 1.91  | 30.40       | 2.05  | 32.30       | 2.19  |
|        | 14                              | 11.00                        | 0.67  | 17.70       | 1.10  | 25.00       | 1.63  | 26.70       | 1.76  | 28.50       | 1.89  | 30.40       | 2.02  | 32.30       | 2.18  |
|        | 16                              | 11.00                        | 0.64  | 17.70       | 1.06  | 25.00       | 1.57  | 26.70       | 1.72  | 28.50       | 1.87  | 30.40       | 2.02  | 32.30       | 2.19  |
|        | 18                              | 11.00                        | 0.60  | 17.70       | 1.03  | 25.00       | 1.59  | 26.70       | 1.74  | 28.50       | 1.90  | 30.40       | 2.06  | 32.30       | 2.25  |
|        | 20                              | 11.00                        | 0.60  | 17.70       | 1.07  | 25.00       | 1.67  | 26.70       | 1.84  | 28.50       | 2.01  | 30.40       | 2.20  | 32.30       | 2.46  |
|        | 21                              | 12.50                        | 0.71  | 19.00       | 1.21  | 26.30       | 1.98  | 28.00       | 2.19  | 29.80       | 2.42  | 31.50       | 2.65  | 33.30       | 3.14  |
|        | 23                              | 16.00                        | 2.47  | 21.80       | 3.03  | 29.00       | 3.75  | 30.70       | 3.96  | 32.30       | 4.13  | 33.90       | 4.30  | 35.50       | 4.52  |
|        | 25                              | 18.30                        | 2.89  | 24.70       | 3.59  | 31.80       | 4.49  | 33.50       | 4.70  | 35.00       | 4.87  | 36.30       | 5.04  | 37.80       | 5.32  |
|        | 27                              | 21.30                        | 3.53  | 27.70       | 4.38  | 34.80       | 5.42  | 36.20       | 5.68  | 37.70       | 5.95  | 38.80       | 6.09  | 42.20       | 6.73  |
|        | 29                              | 24.50                        | 4.43  | 30.70       | 5.48  | 37.70       | 6.73  | 39.20       | 6.97  | 40.50       | 7.21  | 43.00       | 7.65  | 50.00       | 9.09  |
|        | 31                              | 27.80                        | 5.74  | 33.80       | 6.84  | 40.70       | 8.10  | 42.00       | 8.34  | 45.70       | 9.04  | 51.00       | 10.16 | 57.60       | 11.95 |
|        | 33                              | 31.00                        | 7.20  | 37.00       | 8.21  | 43.80       | 9.66  | 48.30       | 10.66 | 53.70       | 11.99 | 58.80       | 13.29 | 65.30       | 15.52 |
|        | 35                              | 34.50                        | 8.71  | 40.30       | 9.82  | 51.40       | 12.68 | 56.40       | 14.06 | 61.70       | 15.72 | 66.70       | 17.30 | 73.00       | 20.06 |
|        | 37                              | 34.50                        | 9.26  | 40.30       | 10.46 | 51.40       | 13.53 | 56.40       | 15.01 | 61.70       | 16.78 | 66.70       | 18.44 | 73.00       | 21.40 |
|        | 39                              | 34.50                        | 9.87  | 40.30       | 11.14 | 51.40       | 14.43 | 56.40       | 16.01 | 61.70       | 17.89 | 66.70       | 19.67 | 73.00       | 22.52 |
|        | 41                              | 34.50                        | 10.52 | 40.30       | 11.90 | 51.40       | 15.39 | 56.40       | 17.07 | 61.70       | 18.83 | 66.70       | 20.44 | 73.00       | 23.54 |
|        | 43                              | 34.50                        | 11.22 | 40.30       | 12.69 | 51.40       | 16.42 | 56.40       | 17.94 | 61.70       | 19.74 | 66.70       | 21.39 | 73.00       | 24.78 |
|        | 46                              | 34.50                        | 12.39 | 40.30       | 14.00 | 51.40       | 17.77 | 56.40       | 19.45 | 61.70       | 21.16 | 66.60       | 22.94 | 73.00       | 26.72 |
|        | 48                              | 34.50                        | 13.24 | 40.30       | 14.95 | 51.40       | 18.85 | 56.40       | 20.60 | 61.80       | 22.68 | 66.50       | 24.97 | 70.10       | 27.62 |
|        | 50                              | 34.50                        | 14.15 | 40.30       | 15.96 | 51.40       | 19.79 | 56.40       | 21.88 | 61.70       | 24.48 | 64.50       | 25.93 | 63.70       | 26.20 |
|        | 52                              | 34.50                        | 15.11 | 40.30       | 16.62 | 51.50       | 20.68 | 56.30       | 23.16 | 57.10       | 23.62 | 57.20       | 23.45 | 56.90       | 23.57 |
| 70     | 10                              | 9.60                         | 0.65  | 15.50       | 1.02  | 21.80       | 1.46  | 23.50       | 1.57  | 25.00       | 1.67  | 26.50       | 1.78  | 28.20       | 1.91  |
|        | 12                              | 9.60                         | 0.59  | 15.50       | 0.99  | 21.80       | 1.46  | 23.50       | 1.57  | 25.00       | 1.68  | 26.50       | 1.78  | 28.20       | 1.92  |
|        | 14                              | 9.60                         | 0.57  | 15.50       | 0.95  | 21.80       | 1.39  | 23.50       | 1.50  | 25.00       | 1.62  | 26.50       | 1.75  | 28.20       | 1.90  |
|        | 16                              | 9.60                         | 0.55  | 15.50       | 0.90  | 21.80       | 1.34  | 23.50       | 1.46  | 25.00       | 1.57  | 26.50       | 1.70  | 28.20       | 1.86  |
|        | 18                              | 9.60                         | 0.52  | 15.50       | 0.88  | 21.80       | 1.32  | 23.50       | 1.46  | 25.00       | 1.59  | 26.50       | 1.73  | 28.20       | 1.91  |
|        | 20                              | 9.60                         | 0.51  | 15.50       | 0.89  | 21.80       | 1.38  | 23.50       | 1.52  | 25.00       | 1.67  | 26.50       | 1.82  | 28.20       | 2.04  |
|        | 21                              | 10.80                        | 0.58  | 16.60       | 1.00  | 23.00       | 1.58  | 24.50       | 1.77  | 26.00       | 1.95  | 27.50       | 2.13  | 29.20       | 2.49  |
|        | 23                              | 13.50                        | 1.91  | 19.10       | 2.73  | 25.50       | 3.35  | 26.80       | 3.54  | 28.30       | 3.70  | 29.70       | 3.85  | 31.00       | 4.07  |
|        | 25                              | 16.00                        | 2.61  | 21.60       | 3.22  | 27.90       | 3.97  | 29.30       | 4.17  | 30.70       | 4.37  | 31.80       | 4.53  | 33.00       | 4.74  |
|        | 27                              | 18.70                        | 3.14  | 24.20       | 3.87  | 30.40       | 4.80  | 31.70       | 5.01  | 33.00       | 5.21  | 34.00       | 5.39  | 36.90       | 5.96  |
|        | 29                              | 21.50                        | 3.88  | 26.80       | 4.79  | 33.00       | 5.92  | 34.30       | 6.17  | 35.50       | 6.38  | 37.70       | 6.72  | 43.70       | 7.94  |
|        | 31                              | 24.30                        | 4.99  | 29.60       | 6.06  | 35.60       | 7.20  | 36.80       | 7.40  | 40.00       | 7.95  | 44.50       | 8.85  | 50.40       | 10.29 |
|        | 33                              | 27.20                        | 6.36  | 32.30       | 7.29  | 38.30       | 8.51  | 42.30       | 9.30  | 47.00       | 10.37 | 51.40       | 11.41 | 57.20       | 13.18 |
|        | 35                              | 30.20                        | 7.73  | 35.20       | 8.67  | 45.00       | 10.99 | 49.30       | 12.09 | 54.00       | 13.41 | 58.30       | 14.65 | 63.90       | 16.83 |
|        | 37                              | 30.20                        | 8.21  | 35.20       | 9.23  | 45.00       | 11.71 | 49.30       | 12.90 | 54.00       | 14.30 | 58.30       | 15.62 | 63.90       | 17.96 |
|        | 39                              | 30.20                        | 8.73  | 35.20       | 9.84  | 45.00       | 12.49 | 49.30       | 13.75 | 54.00       | 15.26 | 58.30       | 16.66 | 63.90       | 19.15 |
|        | 41                              | 30.20                        | 9.30  | 35.20       | 10.49 | 45.00       | 13.32 | 49.30       | 14.67 | 54.00       | 16.27 | 58.30       | 17.78 | 63.90       | 20.27 |
|        | 43                              | 30.20                        | 9.93  | 35.20       | 11.20 | 45.00       | 14.22 | 49.30       | 15.66 | 54.00       | 17.26 | 58.30       | 18.66 | 63.90       | 21.25 |
|        | 46                              | 30.20                        | 10.98 | 35.20       | 12.36 | 45.00       | 15.68 | 49.30       | 17.10 | 54.00       | 18.73 | 58.30       | 20.22 | 63.90       | 23.01 |
|        | 48                              | 30.20                        | 11.75 | 35.20       | 13.20 | 45.00       | 16.65 | 49.30       | 18.15 | 54.00       | 19.85 | 58.30       | 21.42 | 63.80       | 24.32 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 30.20                        | 12.62 | 35.20       | 14.11 | 45.00       | 17.65 | 49.30       | 19.22 | 54.10       | 20.85 | 58.30       | 22.78 | 63.30       | 26.03 |
|        | 52                         | 30.20                        | 13.48 | 35.20       | 14.84 | 45.00       | 18.43 | 49.30       | 19.61 | 54.10       | 21.96 | 57.20       | 23.53 | 56.70       | 23.87 |
| 60     | 10                         | 8.30                         | 0.57  | 13.20       | 0.88  | 18.80       | 1.25  | 20.00       | 1.34  | 21.40       | 1.43  | 22.80       | 1.52  | 24.20       | 1.64  |
|        | 12                         | 8.30                         | 0.51  | 13.20       | 0.81  | 18.80       | 1.22  | 20.00       | 1.32  | 21.40       | 1.43  | 22.80       | 1.52  | 24.20       | 1.64  |
|        | 14                         | 8.30                         | 0.49  | 13.20       | 0.79  | 18.80       | 1.17  | 20.00       | 1.26  | 21.40       | 1.36  | 22.80       | 1.46  | 24.20       | 1.57  |
|        | 16                         | 8.30                         | 0.48  | 13.20       | 0.75  | 18.80       | 1.12  | 20.00       | 1.20  | 21.40       | 1.31  | 22.80       | 1.41  | 24.20       | 1.53  |
|        | 18                         | 8.30                         | 0.46  | 13.20       | 0.72  | 18.80       | 1.08  | 20.00       | 1.18  | 21.40       | 1.30  | 22.80       | 1.42  | 24.20       | 1.54  |
|        | 20                         | 8.30                         | 0.44  | 13.20       | 0.71  | 18.80       | 1.10  | 20.00       | 1.22  | 21.40       | 1.35  | 22.80       | 1.47  | 24.20       | 1.64  |
|        | 21                         | 9.30                         | 0.48  | 14.20       | 0.80  | 19.80       | 1.25  | 21.00       | 1.37  | 22.30       | 1.53  | 23.70       | 1.67  | 25.00       | 1.92  |
|        | 23                         | 11.50                        | 1.28  | 16.40       | 2.07  | 21.80       | 2.94  | 23.00       | 3.11  | 24.30       | 3.27  | 25.40       | 3.40  | 26.60       | 3.59  |
|        | 25                         | 14.80                        | 2.43  | 18.50       | 2.82  | 24.00       | 3.47  | 25.10       | 3.62  | 26.30       | 3.80  | 27.20       | 3.96  | 28.30       | 4.18  |
|        | 27                         | 16.10                        | 2.77  | 20.70       | 3.36  | 26.10       | 4.12  | 27.20       | 4.33  | 28.30       | 4.54  | 29.10       | 4.68  | 31.60       | 5.11  |
|        | 29                         | 18.50                        | 3.39  | 23.00       | 4.10  | 28.30       | 5.04  | 29.40       | 5.26  | 30.50       | 5.50  | 32.30       | 5.89  | 37.30       | 6.84  |
|        | 31                         | 20.80                        | 4.25  | 25.30       | 5.17  | 30.60       | 6.29  | 31.50       | 6.46  | 34.30       | 6.93  | 38.20       | 7.66  | 43.20       | 8.78  |
|        | 33                         | 23.30                        | 5.47  | 27.70       | 6.38  | 33.00       | 7.40  | 36.20       | 8.05  | 40.30       | 8.91  | 44.10       | 9.70  | 48.90       | 11.08 |
|        | 35                         | 25.90                        | 6.75  | 30.20       | 7.57  | 38.60       | 9.44  | 42.20       | 10.31 | 46.40       | 11.32 | 49.90       | 12.27 | 54.70       | 13.95 |
|        | 37                         | 25.90                        | 7.16  | 30.20       | 8.02  | 38.60       | 10.05 | 42.20       | 10.98 | 46.40       | 12.06 | 49.90       | 13.08 | 54.70       | 14.88 |
|        | 39                         | 25.90                        | 7.65  | 30.20       | 8.55  | 38.60       | 10.71 | 42.20       | 11.70 | 46.40       | 12.87 | 49.90       | 13.95 | 54.70       | 15.87 |
|        | 41                         | 25.90                        | 8.13  | 30.20       | 9.10  | 38.60       | 11.42 | 42.20       | 12.48 | 46.40       | 13.72 | 49.90       | 14.89 | 54.70       | 16.92 |
|        | 43                         | 25.90                        | 8.67  | 30.20       | 9.71  | 38.60       | 12.19 | 42.20       | 13.33 | 46.40       | 14.65 | 49.90       | 15.88 | 54.70       | 18.06 |
|        | 46                         | 25.90                        | 9.56  | 30.20       | 10.73 | 38.60       | 13.46 | 42.20       | 14.70 | 46.40       | 16.14 | 49.90       | 17.38 | 54.70       | 19.63 |
|        | 48                         | 25.90                        | 10.22 | 30.20       | 11.50 | 38.60       | 14.37 | 42.20       | 15.70 | 46.40       | 17.15 | 49.90       | 18.45 | 54.70       | 20.82 |
|        | 50                         | 25.90                        | 10.96 | 30.20       | 12.33 | 38.60       | 15.34 | 42.20       | 16.74 | 46.40       | 18.18 | 49.90       | 19.55 | 54.70       | 22.04 |
|        | 52                         | 25.90                        | 11.73 | 30.20       | 13.22 | 38.60       | 16.09 | 42.20       | 17.44 | 46.40       | 18.98 | 49.90       | 19.86 | 54.70       | 22.76 |
| 50     | 10                         | 6.90                         | 0.58  | 11.00       | 0.73  | 15.60       | 1.04  | 16.70       | 1.11  | 17.80       | 1.17  | 19.00       | 1.27  | 20.20       | 1.36  |
|        | 12                         | 6.90                         | 0.51  | 11.00       | 0.66  | 15.60       | 0.96  | 16.70       | 1.06  | 17.80       | 1.15  | 19.00       | 1.25  | 20.20       | 1.34  |
|        | 14                         | 6.90                         | 0.46  | 11.00       | 0.64  | 15.60       | 0.92  | 16.70       | 1.02  | 17.80       | 1.09  | 19.00       | 1.18  | 20.20       | 1.28  |
|        | 16                         | 6.90                         | 0.44  | 11.00       | 0.62  | 15.60       | 0.89  | 16.70       | 0.97  | 17.80       | 1.04  | 19.00       | 1.12  | 20.20       | 1.22  |
|        | 18                         | 6.90                         | 0.43  | 11.00       | 0.60  | 15.60       | 0.86  | 16.70       | 0.93  | 17.80       | 1.02  | 19.00       | 1.10  | 20.20       | 1.20  |
|        | 20                         | 6.90                         | 0.41  | 11.00       | 0.58  | 15.60       | 0.85  | 16.70       | 0.93  | 17.80       | 1.04  | 19.00       | 1.13  | 20.20       | 1.25  |
|        | 21                         | 7.80                         | 0.42  | 11.80       | 0.63  | 16.50       | 0.94  | 17.50       | 1.04  | 18.60       | 1.16  | 19.70       | 1.26  | 20.80       | 1.41  |
|        | 23                         | 9.50                         | 0.86  | 13.60       | 1.32  | 18.20       | 2.53  | 19.20       | 2.67  | 20.20       | 2.80  | 21.20       | 2.94  | 22.20       | 3.09  |
|        | 25                         | 13.70                        | 2.31  | 15.80       | 2.51  | 20.00       | 2.93  | 21.00       | 3.07  | 21.80       | 3.23  | 22.70       | 3.36  | 23.60       | 3.56  |
|        | 27                         | 14.20                        | 2.55  | 17.30       | 2.89  | 21.80       | 3.45  | 22.70       | 3.65  | 23.60       | 3.82  | 24.20       | 3.97  | 26.30       | 4.30  |
|        | 29                         | 15.30                        | 2.94  | 19.10       | 3.46  | 23.60       | 4.19  | 24.50       | 4.38  | 25.30       | 4.60  | 26.90       | 4.88  | 31.20       | 5.63  |
|        | 31                         | 17.40                        | 3.60  | 21.10       | 4.29  | 25.50       | 5.19  | 26.30       | 5.43  | 28.50       | 5.88  | 31.80       | 6.51  | 36.00       | 7.37  |
|        | 33                         | 19.40                        | 4.59  | 23.00       | 5.39  | 27.50       | 6.32  | 30.20       | 6.88  | 33.50       | 7.50  | 36.70       | 8.12  | 40.80       | 9.20  |
|        | 35                         | 21.50                        | 5.83  | 25.10       | 6.45  | 32.20       | 7.99  | 35.20       | 8.68  | 38.60       | 9.44  | 41.60       | 10.14 | 45.60       | 11.39 |
|        | 37                         | 21.50                        | 6.15  | 25.10       | 6.86  | 32.20       | 8.49  | 35.20       | 9.22  | 38.60       | 10.05 | 41.60       | 10.82 | 45.60       | 12.15 |
|        | 39                         | 21.50                        | 6.55  | 25.10       | 7.31  | 32.20       | 9.04  | 35.20       | 9.84  | 38.60       | 10.71 | 41.60       | 11.54 | 45.60       | 12.95 |
|        | 41                         | 21.50                        | 6.97  | 25.10       | 7.77  | 32.20       | 9.65  | 35.20       | 10.49 | 38.60       | 11.42 | 41.60       | 12.30 | 45.60       | 13.82 |
|        | 43                         | 21.50                        | 7.40  | 25.10       | 8.27  | 32.20       | 10.30 | 35.20       | 11.20 | 38.60       | 12.20 | 41.60       | 13.12 | 45.60       | 14.75 |
|        | 46                         | 21.50                        | 8.15  | 25.10       | 9.13  | 32.20       | 11.40 | 35.20       | 12.36 | 38.60       | 13.46 | 41.60       | 14.47 | 45.60       | 16.25 |
|        | 48                         | 21.50                        | 8.71  | 25.10       | 9.76  | 32.20       | 12.20 | 35.20       | 13.20 | 38.60       | 14.38 | 41.60       | 15.46 | 45.60       | 17.35 |
|        | 50                         | 21.50                        | 9.32  | 25.10       | 10.45 | 32.20       | 13.05 | 35.20       | 14.11 | 38.60       | 15.36 | 41.60       | 16.50 | 45.60       | 18.51 |
|        | 52                         | 21.50                        | 9.99  | 25.10       | 11.19 | 32.20       | 13.95 | 35.20       | 14.88 | 38.60       | 16.13 | 41.60       | 17.26 | 45.60       | 19.27 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM320LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 19.00                        | 1.33  | 30.60       | 2.12  | 43.30       | 3.03  | 46.40       | 3.27  | 49.40       | 3.50  | 52.60       | 3.76  | 56.00       | 4.07  |
|        | 12                               | 19.00                        | 1.33  | 30.60       | 2.13  | 43.30       | 3.03  | 46.40       | 3.28  | 49.40       | 3.54  | 52.60       | 3.79  | 56.00       | 4.13  |
|        | 14                               | 19.00                        | 1.29  | 30.60       | 2.14  | 43.30       | 3.06  | 46.40       | 3.33  | 49.40       | 3.54  | 52.60       | 3.84  | 56.00       | 4.22  |
|        | 16                               | 19.00                        | 1.28  | 30.60       | 2.16  | 43.30       | 3.14  | 46.40       | 3.40  | 49.40       | 3.65  | 52.60       | 3.97  | 56.00       | 4.41  |
|        | 18                               | 19.00                        | 1.29  | 30.60       | 2.19  | 43.30       | 3.27  | 46.40       | 3.58  | 49.40       | 3.88  | 52.60       | 4.25  | 56.00       | 4.83  |
|        | 20                               | 19.00                        | 1.33  | 30.60       | 2.32  | 43.30       | 3.65  | 46.40       | 4.02  | 49.40       | 4.49  | 52.60       | 5.05  | 56.00       | 5.90  |
|        | 21                               | 21.60                        | 1.66  | 33.00       | 2.92  | 45.60       | 4.90  | 48.70       | 5.25  | 51.70       | 5.59  | 54.60       | 6.00  | 57.80       | 6.52  |
|        | 23                               | 26.60                        | 3.75  | 37.80       | 4.78  | 50.40       | 6.14  | 53.30       | 6.52  | 56.20       | 7.05  | 58.70       | 7.41  | 61.60       | 8.02  |
|        | 25                               | 31.80                        | 4.75  | 42.80       | 6.01  | 55.30       | 7.81  | 58.10       | 8.25  | 60.80       | 8.84  | 62.90       | 9.24  | 65.40       | 9.95  |
|        | 27                               | 37.10                        | 6.11  | 48.00       | 7.63  | 60.30       | 9.97  | 62.90       | 10.60 | 65.50       | 11.15 | 67.20       | 11.51 | 73.10       | 13.14 |
|        | 29                               | 42.50                        | 7.90  | 53.10       | 9.70  | 65.40       | 12.42 | 67.80       | 12.99 | 70.30       | 13.61 | 74.60       | 14.71 | 86.40       | 18.57 |
|        | 31                               | 48.10                        | 9.97  | 58.50       | 12.13 | 70.70       | 15.30 | 73.00       | 15.94 | 79.20       | 17.84 | 88.30       | 20.82 | 99.80       | 25.86 |
|        | 33                               | 53.90                        | 12.59 | 64.00       | 15.07 | 76.10       | 18.85 | 83.70       | 21.54 | 93.20       | 25.24 | 101.9       | 29.02 | 113.1       | 34.75 |
|        | 35                               | 59.70                        | 15.85 | 69.70       | 18.73 | 89.20       | 26.44 | 97.80       | 30.36 | 107.1       | 34.61 | 115.4       | 38.49 | 126.4       | 43.70 |
|        | 37                               | 59.70                        | 16.91 | 69.70       | 19.98 | 89.20       | 28.23 | 97.60       | 32.07 | 107.2       | 36.62 | 115.4       | 40.53 | 117.9       | 42.43 |
|        | 39                               | 59.70                        | 18.04 | 69.70       | 21.03 | 89.10       | 28.47 | 97.60       | 32.53 | 107.0       | 37.28 | 110.7       | 39.01 | 109.5       | 39.27 |
|        | 41                               | 59.70                        | 19.24 | 69.70       | 21.68 | 89.20       | 29.23 | 97.60       | 33.35 | 102.5       | 35.84 | 102.5       | 35.84 | 101.3       | 36.20 |
|        | 43                               | 59.70                        | 20.34 | 69.70       | 22.06 | 89.20       | 30.96 | 94.50       | 33.61 | 94.60       | 33.60 | 94.50       | 33.58 | 93.40       | 34.01 |
|        | 46                               | 59.70                        | 21.66 | 69.70       | 24.03 | 83.20       | 30.94 | 83.10       | 30.91 | 83.20       | 30.91 | 83.10       | 30.92 | 82.10       | 31.30 |
|        | 48                               | 59.70                        | 22.83 | 69.70       | 26.44 | 76.00       | 29.84 | 76.10       | 29.88 | 75.90       | 29.75 | 75.90       | 29.78 | 75.10       | 30.18 |
|        | 50                               | 59.90                        | 24.30 | 69.20       | 28.55 | 69.10       | 28.51 | 69.10       | 28.54 | 69.10       | 28.51 | 69.00       | 28.49 | 68.00       | 28.73 |
|        | 52                               | 59.20                        | 26.27 | 60.10       | 25.37 | 61.00       | 24.04 | 61.20       | 23.76 | 61.50       | 23.46 | 61.70       | 23.23 | 61.80       | 23.36 |
| 120    | 10                               | 17.60                        | 1.23  | 28.30       | 1.96  | 40.00       | 2.79  | 42.80       | 3.00  | 45.60       | 3.20  | 48.60       | 3.42  | 51.70       | 3.71  |
|        | 12                               | 17.60                        | 1.23  | 28.30       | 1.96  | 40.00       | 2.81  | 42.80       | 3.00  | 45.60       | 3.22  | 48.60       | 3.47  | 51.70       | 3.75  |
|        | 14                               | 17.60                        | 1.17  | 28.30       | 1.97  | 40.00       | 2.82  | 42.80       | 3.02  | 45.60       | 3.27  | 48.60       | 3.50  | 51.70       | 3.80  |
|        | 16                               | 17.60                        | 1.15  | 28.30       | 1.96  | 40.00       | 2.87  | 42.80       | 3.10  | 45.60       | 3.34  | 48.60       | 3.56  | 51.70       | 3.94  |
|        | 18                               | 17.60                        | 1.16  | 28.30       | 2.00  | 40.00       | 2.98  | 42.80       | 3.22  | 45.60       | 3.49  | 48.60       | 3.78  | 51.70       | 4.24  |
|        | 20                               | 17.60                        | 1.19  | 28.30       | 2.10  | 40.00       | 3.27  | 42.80       | 3.59  | 45.60       | 3.91  | 48.60       | 4.37  | 51.70       | 5.14  |
|        | 21                               | 19.90                        | 1.47  | 30.40       | 2.59  | 42.20       | 4.33  | 44.90       | 4.81  | 47.70       | 5.14  | 50.40       | 5.45  | 53.40       | 5.99  |
|        | 23                               | 24.60                        | 3.54  | 34.90       | 4.50  | 46.50       | 5.64  | 49.10       | 5.99  | 51.80       | 6.33  | 54.20       | 6.73  | 56.80       | 7.30  |
|        | 25                               | 29.40                        | 4.42  | 39.50       | 5.59  | 51.00       | 7.07  | 53.60       | 7.54  | 56.10       | 7.92  | 58.10       | 8.37  | 60.40       | 8.99  |
|        | 27                               | 34.20                        | 5.67  | 44.30       | 7.04  | 55.70       | 9.05  | 58.00       | 9.51  | 60.40       | 10.08 | 62.10       | 10.43 | 67.50       | 11.86 |
|        | 29                               | 39.30                        | 7.30  | 49.10       | 8.93  | 60.40       | 11.28 | 62.60       | 11.77 | 64.90       | 12.31 | 68.90       | 13.26 | 79.90       | 16.57 |
|        | 31                               | 44.50                        | 9.23  | 54.10       | 11.07 | 65.20       | 13.83 | 67.30       | 14.37 | 73.10       | 16.00 | 81.50       | 18.56 | 92.10       | 22.84 |
|        | 33                               | 49.70                        | 11.51 | 59.20       | 13.67 | 70.20       | 16.94 | 77.30       | 19.26 | 86.00       | 22.40 | 94.00       | 25.60 | 104.5       | 30.91 |
|        | 35                               | 55.20                        | 14.40 | 64.50       | 16.90 | 82.40       | 23.51 | 90.20       | 26.86 | 98.80       | 30.88 | 106.5       | 34.38 | 116.8       | 39.76 |
|        | 37                               | 55.20                        | 15.37 | 64.50       | 18.04 | 82.40       | 25.08 | 90.20       | 28.68 | 98.90       | 32.62 | 106.6       | 36.36 | 116.8       | 41.90 |
|        | 39                               | 55.20                        | 16.40 | 64.50       | 19.23 | 82.40       | 25.69 | 90.10       | 28.93 | 98.80       | 33.09 | 106.6       | 37.00 | 109.5       | 39.28 |
|        | 41                               | 55.20                        | 17.49 | 64.50       | 20.08 | 82.40       | 25.92 | 90.10       | 29.72 | 98.90       | 33.94 | 102.5       | 35.84 | 101.3       | 36.21 |
|        | 43                               | 55.20                        | 18.66 | 64.50       | 20.58 | 82.40       | 27.39 | 90.20       | 31.42 | 94.60       | 33.61 | 94.60       | 33.60 | 93.40       | 33.95 |
|        | 46                               | 55.20                        | 20.33 | 64.30       | 21.66 | 82.40       | 30.44 | 83.20       | 30.95 | 83.10       | 30.91 | 83.10       | 30.93 | 82.30       | 31.34 |
|        | 48                               | 55.20                        | 21.38 | 64.40       | 23.82 | 76.20       | 29.88 | 76.00       | 29.83 | 75.90       | 29.84 | 75.90       | 29.78 | 75.00       | 30.21 |
|        | 50                               | 55.20                        | 22.39 | 64.40       | 25.93 | 69.20       | 28.54 | 69.20       | 28.56 | 69.20       | 28.55 | 69.00       | 28.50 | 68.30       | 28.86 |
|        | 52                               | 55.20                        | 23.67 | 59.70       | 25.93 | 60.70       | 24.57 | 60.80       | 24.31 | 61.10       | 24.03 | 61.20       | 23.82 | 61.30       | 24.03 |
| 110    | 10                               | 16.10                        | 1.12  | 25.90       | 1.79  | 36.60       | 2.55  | 39.20       | 2.74  | 41.80       | 2.93  | 44.50       | 3.13  | 47.30       | 3.37  |
|        | 12                               | 16.10                        | 1.12  | 25.90       | 1.79  | 36.60       | 2.57  | 39.20       | 2.76  | 41.80       | 2.92  | 44.50       | 3.14  | 47.30       | 3.39  |
|        | 14                               | 16.10                        | 1.07  | 25.90       | 1.77  | 36.60       | 2.59  | 39.20       | 2.76  | 41.80       | 2.94  | 44.50       | 3.17  | 47.30       | 3.46  |
|        | 16                               | 16.10                        | 1.03  | 25.90       | 1.77  | 36.60       | 2.62  | 39.20       | 2.81  | 41.80       | 3.01  | 44.50       | 3.23  | 47.30       | 3.54  |
|        | 18                               | 16.10                        | 1.03  | 25.90       | 1.79  | 36.60       | 2.71  | 39.20       | 2.92  | 41.80       | 3.12  | 44.50       | 3.39  | 47.30       | 3.75  |
|        | 20                               | 16.10                        | 1.06  | 25.90       | 1.87  | 36.60       | 2.93  | 39.20       | 3.20  | 41.80       | 3.46  | 44.50       | 3.78  | 47.30       | 4.38  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 18.20                        | 1.29  | 27.90       | 2.27  | 38.70       | 3.77  | 41.10       | 4.17  | 43.70       | 4.59  | 46.20       | 4.98  | 48.90       | 5.38  |
|        | 23                              | 22.50                        | 3.28  | 32.00       | 4.22  | 42.70       | 5.24  | 45.10       | 5.47  | 47.50       | 5.78  | 49.60       | 6.08  | 52.00       | 6.51  |
|        | 25                              | 26.90                        | 4.10  | 36.20       | 5.15  | 46.80       | 6.46  | 49.10       | 6.77  | 51.40       | 7.20  | 53.20       | 7.48  | 55.30       | 8.02  |
|        | 27                              | 31.40                        | 5.19  | 40.50       | 6.49  | 51.00       | 8.15  | 53.10       | 8.50  | 55.40       | 9.00  | 56.80       | 9.26  | 61.80       | 10.65 |
|        | 29                              | 36.00                        | 6.72  | 45.00       | 8.16  | 55.40       | 10.13 | 57.40       | 10.63 | 59.50       | 11.10 | 63.10       | 11.90 | 73.10       | 14.72 |
|        | 31                              | 40.80                        | 8.46  | 49.50       | 10.03 | 59.80       | 12.44 | 61.70       | 12.90 | 67.00       | 14.30 | 74.70       | 16.46 | 84.50       | 20.09 |
|        | 33                              | 45.60                        | 10.51 | 54.20       | 12.35 | 64.30       | 15.15 | 70.80       | 17.13 | 78.90       | 19.80 | 86.10       | 22.48 | 95.70       | 27.12 |
|        | 35                              | 50.60                        | 13.04 | 59.00       | 15.19 | 75.50       | 20.82 | 82.60       | 23.63 | 90.60       | 27.06 | 97.60       | 30.38 | 106.9       | 35.53 |
|        | 37                              | 50.60                        | 13.91 | 59.00       | 16.20 | 75.50       | 22.22 | 82.60       | 25.22 | 90.60       | 28.90 | 97.60       | 32.36 | 107.1       | 37.62 |
|        | 39                              | 50.60                        | 14.84 | 59.00       | 17.29 | 75.50       | 23.35 | 82.60       | 25.97 | 90.60       | 29.19 | 97.70       | 32.55 | 107.0       | 38.18 |
|        | 41                              | 50.60                        | 15.83 | 59.00       | 18.36 | 75.50       | 23.77 | 82.60       | 26.09 | 90.70       | 29.96 | 97.60       | 33.36 | 101.2       | 36.22 |
|        | 43                              | 50.60                        | 16.90 | 59.00       | 19.28 | 75.50       | 24.20 | 82.60       | 27.53 | 90.70       | 31.65 | 94.40       | 33.62 | 93.50       | 33.98 |
|        | 46                              | 50.60                        | 18.64 | 59.00       | 20.18 | 75.40       | 26.79 | 82.60       | 30.59 | 83.20       | 30.96 | 83.10       | 30.91 | 82.10       | 31.33 |
|        | 48                              | 50.60                        | 19.76 | 59.00       | 21.40 | 75.50       | 29.51 | 75.90       | 29.82 | 76.10       | 29.85 | 76.00       | 29.82 | 75.00       | 30.19 |
|        | 50                              | 50.60                        | 20.82 | 59.00       | 23.29 | 69.20       | 28.56 | 69.10       | 28.55 | 69.10       | 28.53 | 69.10       | 28.52 | 68.30       | 28.87 |
|        | 52                              | 50.70                        | 21.11 | 58.90       | 25.74 | 60.20       | 25.24 | 60.40       | 24.98 | 60.60       | 24.70 | 60.50       | 24.42 | 61.10       | 24.41 |
| 100    | 10                              | 14.70                        | 1.02  | 23.50       | 1.63  | 33.30       | 2.32  | 35.70       | 2.49  | 38.10       | 2.65  | 40.50       | 2.83  | 43.00       | 3.03  |
|        | 12                              | 14.70                        | 1.02  | 23.50       | 1.63  | 33.30       | 2.32  | 35.70       | 2.50  | 38.10       | 2.67  | 40.50       | 2.85  | 43.00       | 3.04  |
|        | 14                              | 14.70                        | 0.97  | 23.50       | 1.58  | 33.30       | 2.34  | 35.70       | 2.52  | 38.10       | 2.69  | 40.50       | 2.85  | 43.00       | 3.07  |
|        | 16                              | 14.70                        | 0.90  | 23.50       | 1.56  | 33.30       | 2.35  | 35.70       | 2.55  | 38.10       | 2.72  | 40.50       | 2.90  | 43.00       | 3.16  |
|        | 18                              | 14.70                        | 0.90  | 23.50       | 1.59  | 33.30       | 2.40  | 35.70       | 2.61  | 38.10       | 2.82  | 40.50       | 3.01  | 43.00       | 3.32  |
|        | 20                              | 14.70                        | 0.93  | 23.50       | 1.64  | 33.30       | 2.58  | 35.70       | 2.82  | 38.10       | 3.06  | 40.50       | 3.31  | 43.00       | 3.78  |
|        | 21                              | 16.60                        | 1.12  | 25.40       | 1.96  | 35.20       | 3.22  | 37.40       | 3.59  | 39.70       | 3.93  | 42.10       | 4.30  | 44.50       | 4.89  |
|        | 23                              | 20.50                        | 3.05  | 29.10       | 3.88  | 38.90       | 4.88  | 41.00       | 5.09  | 43.20       | 5.28  | 45.10       | 5.49  | 47.40       | 5.90  |
|        | 25                              | 24.50                        | 3.75  | 33.00       | 4.76  | 42.60       | 5.96  | 44.60       | 6.22  | 46.70       | 6.45  | 48.50       | 6.71  | 50.30       | 7.20  |
|        | 27                              | 28.50                        | 4.72  | 36.90       | 5.94  | 46.40       | 7.37  | 48.30       | 7.70  | 50.40       | 8.04  | 51.70       | 8.38  | 56.20       | 9.37  |
|        | 29                              | 32.70                        | 6.10  | 40.90       | 7.41  | 50.40       | 9.15  | 52.20       | 9.50  | 54.10       | 9.93  | 57.40       | 10.64 | 66.60       | 13.01 |
|        | 31                              | 37.00                        | 7.75  | 45.10       | 9.14  | 54.40       | 11.15 | 56.10       | 11.53 | 61.00       | 12.72 | 67.90       | 14.53 | 76.80       | 17.56 |
|        | 33                              | 41.50                        | 9.55  | 49.30       | 11.13 | 58.60       | 13.50 | 64.50       | 15.16 | 71.70       | 17.39 | 78.40       | 19.64 | 87.10       | 23.48 |
|        | 35                              | 46.00                        | 11.77 | 53.60       | 13.58 | 68.60       | 18.34 | 75.20       | 20.66 | 82.40       | 23.53 | 88.80       | 26.26 | 97.30       | 31.01 |
|        | 37                              | 46.00                        | 12.55 | 53.60       | 14.50 | 68.60       | 19.56 | 75.20       | 22.07 | 82.40       | 25.10 | 88.80       | 28.03 | 97.30       | 33.03 |
|        | 39                              | 46.00                        | 13.38 | 53.60       | 15.46 | 68.60       | 20.79 | 75.20       | 23.22 | 82.40       | 26.08 | 88.80       | 28.50 | 97.30       | 33.25 |
|        | 41                              | 46.00                        | 14.28 | 53.60       | 16.50 | 68.60       | 21.69 | 75.20       | 23.82 | 82.40       | 26.20 | 88.80       | 29.04 | 97.30       | 34.11 |
|        | 43                              | 46.00                        | 15.25 | 53.60       | 17.52 | 68.60       | 22.13 | 75.20       | 24.24 | 82.30       | 27.42 | 88.80       | 30.75 | 93.60       | 34.01 |
|        | 46                              | 46.00                        | 16.82 | 53.60       | 18.78 | 68.50       | 23.53 | 75.20       | 26.60 | 82.40       | 30.43 | 83.40       | 30.96 | 82.10       | 31.32 |
|        | 48                              | 46.00                        | 17.95 | 53.60       | 19.82 | 68.60       | 25.87 | 75.10       | 29.31 | 76.00       | 29.84 | 76.00       | 29.79 | 75.00       | 30.18 |
|        | 50                              | 46.00                        | 19.17 | 53.60       | 20.85 | 68.60       | 28.21 | 69.20       | 28.56 | 69.10       | 28.54 | 69.30       | 28.58 | 68.20       | 28.85 |
|        | 52                              | 46.00                        | 19.40 | 53.60       | 22.63 | 59.60       | 25.98 | 59.90       | 25.57 | 60.30       | 25.14 | 60.60       | 24.73 | 60.80       | 24.73 |
| 90     | 10                              | 13.30                        | 0.92  | 21.10       | 1.46  | 30.00       | 2.08  | 32.10       | 2.23  | 34.20       | 2.38  | 36.50       | 2.54  | 38.70       | 2.73  |
|        | 12                              | 13.30                        | 0.90  | 21.10       | 1.46  | 30.00       | 2.09  | 32.10       | 2.24  | 34.20       | 2.39  | 36.50       | 2.55  | 38.70       | 2.75  |
|        | 14                              | 13.30                        | 0.84  | 21.10       | 1.40  | 30.00       | 2.05  | 32.10       | 2.25  | 34.20       | 2.41  | 36.50       | 2.58  | 38.70       | 2.76  |
|        | 16                              | 13.30                        | 0.81  | 21.10       | 1.34  | 30.00       | 2.07  | 32.10       | 2.25  | 34.20       | 2.44  | 36.50       | 2.61  | 38.70       | 2.81  |
|        | 18                              | 13.30                        | 0.77  | 21.10       | 1.37  | 30.00       | 2.10  | 32.10       | 2.30  | 34.20       | 2.48  | 36.50       | 2.69  | 38.70       | 2.92  |
|        | 20                              | 13.30                        | 0.80  | 21.10       | 1.42  | 30.00       | 2.24  | 32.10       | 2.46  | 34.20       | 2.67  | 36.50       | 2.90  | 38.70       | 3.27  |
|        | 21                              | 14.90                        | 0.95  | 22.80       | 1.67  | 31.70       | 2.71  | 33.70       | 3.00  | 35.70       | 3.32  | 37.90       | 3.64  | 40.00       | 4.35  |
|        | 23                              | 18.40                        | 2.81  | 26.20       | 3.56  | 34.90       | 4.48  | 36.90       | 4.72  | 38.90       | 4.88  | 40.60       | 5.03  | 42.60       | 5.32  |
|        | 25                              | 22.10                        | 3.42  | 29.60       | 4.32  | 38.30       | 5.42  | 40.10       | 5.67  | 42.10       | 5.91  | 43.50       | 6.09  | 45.30       | 6.41  |
|        | 27                              | 25.80                        | 4.25  | 33.10       | 5.34  | 41.80       | 6.66  | 43.50       | 6.93  | 45.30       | 7.20  | 46.50       | 7.39  | 50.60       | 8.26  |
|        | 29                              | 29.50                        | 5.44  | 36.80       | 6.72  | 45.30       | 8.23  | 46.90       | 8.54  | 48.70       | 8.85  | 51.70       | 9.41  | 59.80       | 11.40 |
|        | 31                              | 33.40                        | 7.06  | 40.50       | 8.23  | 49.00       | 9.94  | 50.50       | 10.27 | 54.90       | 11.25 | 61.10       | 12.70 | 69.10       | 15.27 |
|        | 33                              | 37.30                        | 8.66  | 44.30       | 9.99  | 52.70       | 11.97 | 57.90       | 13.35 | 64.50       | 15.20 | 70.50       | 17.04 | 78.30       | 20.19 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 41.50                        | 10.57 | 48.30       | 12.09 | 61.80       | 16.05 | 67.60       | 17.99 | 74.10       | 20.30 | 79.90       | 22.54 | 87.50       | 26.49 |
|        | 37                              | 41.50                        | 11.26 | 48.30       | 12.90 | 61.80       | 17.12 | 67.60       | 19.18 | 74.10       | 21.67 | 79.90       | 24.05 | 87.50       | 28.29 |
|        | 39                              | 41.50                        | 12.02 | 48.30       | 13.76 | 61.80       | 18.28 | 67.60       | 20.47 | 74.10       | 22.82 | 79.90       | 25.28 | 87.50       | 29.40 |
|        | 41                              | 41.50                        | 12.82 | 48.30       | 14.69 | 61.80       | 19.40 | 67.60       | 21.42 | 74.10       | 23.65 | 79.90       | 25.61 | 87.50       | 29.59 |
|        | 43                              | 41.50                        | 13.69 | 48.30       | 15.69 | 61.80       | 20.37 | 67.60       | 22.04 | 74.10       | 24.09 | 80.00       | 26.23 | 87.50       | 31.00 |
|        | 46                              | 41.50                        | 15.11 | 48.30       | 17.19 | 61.80       | 21.32 | 67.50       | 23.07 | 74.20       | 26.11 | 79.90       | 29.10 | 82.20       | 31.33 |
|        | 48                              | 41.50                        | 16.13 | 48.30       | 18.28 | 61.70       | 22.61 | 67.50       | 25.36 | 74.10       | 28.76 | 76.10       | 29.87 | 75.20       | 30.24 |
|        | 50                              | 41.50                        | 17.23 | 48.30       | 19.16 | 61.80       | 24.61 | 67.50       | 27.64 | 69.10       | 28.54 | 69.30       | 28.56 | 68.40       | 28.89 |
|        | 52                              | 41.50                        | 18.12 | 48.30       | 19.72 | 59.40       | 26.13 | 59.70       | 25.98 | 60.10       | 25.53 | 60.30       | 25.12 | 60.60       | 25.13 |
| 80     | 10                              | 11.70                        | 0.82  | 18.90       | 1.30  | 26.70       | 1.84  | 28.50       | 1.98  | 30.40       | 2.11  | 32.40       | 2.25  | 34.40       | 2.42  |
|        | 12                              | 11.70                        | 0.77  | 18.90       | 1.30  | 26.70       | 1.85  | 28.50       | 1.99  | 30.40       | 2.12  | 32.40       | 2.26  | 34.40       | 2.43  |
|        | 14                              | 11.70                        | 0.74  | 18.90       | 1.23  | 26.70       | 1.80  | 28.50       | 1.94  | 30.40       | 2.09  | 32.40       | 2.27  | 34.40       | 2.45  |
|        | 16                              | 11.70                        | 0.70  | 18.90       | 1.16  | 26.70       | 1.76  | 28.50       | 1.94  | 30.40       | 2.11  | 32.40       | 2.28  | 34.40       | 2.48  |
|        | 18                              | 11.70                        | 0.67  | 18.90       | 1.17  | 26.70       | 1.80  | 28.50       | 1.97  | 30.40       | 2.15  | 32.40       | 2.32  | 34.40       | 2.55  |
|        | 20                              | 11.70                        | 0.67  | 18.90       | 1.20  | 26.70       | 1.89  | 28.50       | 2.08  | 30.40       | 2.28  | 32.40       | 2.48  | 34.40       | 2.78  |
|        | 21                              | 13.30                        | 0.80  | 20.30       | 1.38  | 28.10       | 2.25  | 29.90       | 2.48  | 31.80       | 2.75  | 33.60       | 3.02  | 35.60       | 3.57  |
|        | 23                              | 16.30                        | 2.56  | 23.30       | 3.23  | 31.00       | 4.03  | 32.80       | 4.27  | 34.50       | 4.47  | 36.20       | 4.62  | 37.90       | 4.87  |
|        | 25                              | 19.50                        | 3.08  | 26.40       | 3.87  | 34.00       | 4.88  | 35.70       | 5.08  | 37.40       | 5.31  | 38.70       | 5.50  | 40.30       | 5.79  |
|        | 27                              | 22.80                        | 3.80  | 29.50       | 4.75  | 37.10       | 5.98  | 38.70       | 6.20  | 40.30       | 6.43  | 41.30       | 6.59  | 45.00       | 7.31  |
|        | 29                              | 26.20                        | 4.82  | 32.80       | 5.99  | 40.30       | 7.30  | 41.80       | 7.57  | 43.30       | 7.84  | 45.90       | 8.34  | 53.30       | 9.94  |
|        | 31                              | 29.60                        | 6.26  | 36.00       | 7.39  | 43.50       | 8.80  | 44.80       | 9.07  | 48.80       | 9.87  | 54.30       | 11.13 | 61.40       | 13.17 |
|        | 33                              | 33.10                        | 7.79  | 39.50       | 8.92  | 46.80       | 10.54 | 51.50       | 11.68 | 57.30       | 13.19 | 62.60       | 14.67 | 69.70       | 17.21 |
|        | 35                              | 36.80                        | 9.46  | 42.90       | 10.71 | 54.80       | 13.95 | 60.20       | 15.52 | 65.90       | 17.41 | 71.10       | 19.20 | 77.90       | 22.35 |
|        | 37                              | 36.80                        | 10.06 | 42.90       | 11.41 | 54.80       | 14.88 | 60.20       | 16.57 | 65.90       | 18.57 | 71.10       | 20.47 | 77.90       | 23.85 |
|        | 39                              | 36.80                        | 10.72 | 42.90       | 12.17 | 54.80       | 15.88 | 60.20       | 17.68 | 65.90       | 19.81 | 71.10       | 21.85 | 77.90       | 25.15 |
|        | 41                              | 36.80                        | 11.45 | 42.90       | 12.99 | 54.80       | 16.95 | 60.20       | 18.86 | 65.90       | 20.90 | 71.10       | 22.76 | 77.90       | 26.15 |
|        | 43                              | 36.80                        | 12.22 | 42.90       | 13.87 | 54.80       | 18.09 | 60.20       | 19.84 | 65.90       | 21.75 | 71.10       | 23.26 | 77.90       | 26.66 |
|        | 46                              | 36.80                        | 13.49 | 42.90       | 15.31 | 54.80       | 19.43 | 60.20       | 21.03 | 65.90       | 22.73 | 71.00       | 24.65 | 77.80       | 28.86 |
|        | 48                              | 36.80                        | 14.41 | 42.90       | 16.35 | 54.80       | 20.50 | 60.20       | 22.15 | 65.90       | 24.54 | 71.00       | 27.11 | 75.10       | 30.24 |
|        | 50                              | 36.80                        | 15.41 | 42.90       | 17.46 | 54.80       | 21.46 | 60.10       | 23.80 | 65.90       | 26.72 | 69.30       | 28.56 | 68.30       | 28.87 |
|        | 52                              | 36.80                        | 16.46 | 42.90       | 17.64 | 54.90       | 23.25 | 59.40       | 26.01 | 59.70       | 26.05 | 59.90       | 25.62 | 60.20       | 25.64 |
| 70     | 10                              | 10.20                        | 0.72  | 16.50       | 1.13  | 23.30       | 1.61  | 25.00       | 1.73  | 26.60       | 1.84  | 28.30       | 1.96  | 30.10       | 2.11  |
|        | 12                              | 10.20                        | 0.65  | 16.50       | 1.10  | 23.30       | 1.61  | 25.00       | 1.73  | 26.60       | 1.85  | 28.30       | 1.97  | 30.10       | 2.12  |
|        | 14                              | 10.20                        | 0.63  | 16.50       | 1.06  | 23.30       | 1.53  | 25.00       | 1.66  | 26.60       | 1.79  | 28.30       | 1.92  | 30.10       | 2.10  |
|        | 16                              | 10.20                        | 0.60  | 16.50       | 0.99  | 23.30       | 1.48  | 25.00       | 1.62  | 26.60       | 1.77  | 28.30       | 1.92  | 30.10       | 2.10  |
|        | 18                              | 10.20                        | 0.58  | 16.50       | 0.97  | 23.30       | 1.50  | 25.00       | 1.65  | 26.60       | 1.80  | 28.30       | 1.96  | 30.10       | 2.15  |
|        | 20                              | 10.20                        | 0.57  | 16.50       | 0.99  | 23.30       | 1.56  | 25.00       | 1.73  | 26.60       | 1.89  | 28.30       | 2.06  | 30.10       | 2.31  |
|        | 21                              | 11.60                        | 0.65  | 17.70       | 1.13  | 24.60       | 1.80  | 26.20       | 2.01  | 27.80       | 2.21  | 29.40       | 2.43  | 31.10       | 2.83  |
|        | 23                              | 14.40                        | 2.18  | 20.30       | 2.89  | 27.20       | 3.59  | 28.60       | 3.80  | 30.20       | 3.98  | 31.70       | 4.15  | 33.10       | 4.40  |
|        | 25                              | 17.10                        | 2.75  | 23.00       | 3.45  | 29.80       | 4.30  | 31.20       | 4.52  | 32.70       | 4.73  | 33.90       | 4.89  | 35.20       | 5.16  |
|        | 27                              | 20.00                        | 3.34  | 25.80       | 4.19  | 32.50       | 5.20  | 33.90       | 5.46  | 35.20       | 5.72  | 36.20       | 5.86  | 39.40       | 6.43  |
|        | 29                              | 23.00                        | 4.19  | 28.60       | 5.22  | 35.20       | 6.46  | 36.50       | 6.67  | 37.90       | 6.90  | 40.20       | 7.28  | 46.60       | 8.66  |
|        | 31                              | 25.90                        | 5.42  | 31.50       | 6.59  | 38.00       | 7.80  | 39.20       | 8.03  | 42.60       | 8.63  | 47.50       | 9.65  | 53.80       | 11.28 |
|        | 33                              | 29.10                        | 6.85  | 34.40       | 7.90  | 40.90       | 9.23  | 45.10       | 10.14 | 50.10       | 11.35 | 54.90       | 12.52 | 61.00       | 14.54 |
|        | 35                              | 32.30                        | 8.38  | 37.40       | 9.42  | 48.00       | 12.03 | 52.60       | 13.28 | 57.60       | 14.77 | 62.10       | 16.18 | 68.10       | 18.67 |
|        | 37                              | 32.30                        | 8.92  | 37.40       | 10.02 | 48.00       | 12.82 | 52.60       | 14.17 | 57.60       | 15.76 | 62.10       | 17.26 | 68.10       | 19.91 |
|        | 39                              | 32.30                        | 9.50  | 37.40       | 10.69 | 48.00       | 13.69 | 52.60       | 15.12 | 57.60       | 16.82 | 62.10       | 18.42 | 68.10       | 21.24 |
|        | 41                              | 32.30                        | 10.14 | 37.40       | 11.41 | 48.00       | 14.60 | 52.60       | 16.14 | 57.60       | 17.95 | 62.10       | 19.66 | 68.10       | 22.51 |
|        | 43                              | 32.30                        | 10.84 | 37.40       | 12.19 | 48.00       | 15.59 | 52.60       | 17.22 | 57.60       | 19.05 | 62.10       | 20.67 | 68.10       | 23.64 |
|        | 46                              | 32.30                        | 11.97 | 37.40       | 13.45 | 48.00       | 17.20 | 52.60       | 18.83 | 57.60       | 20.45 | 62.10       | 21.87 | 68.10       | 24.73 |
|        | 48                              | 32.30                        | 12.80 | 37.40       | 14.38 | 48.00       | 18.28 | 52.60       | 20.00 | 57.60       | 21.57 | 62.10       | 23.03 | 68.10       | 26.35 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 32.30                        | 13.69 | 37.40       | 15.37 | 48.00       | 19.39 | 52.60       | 20.86 | 57.60       | 22.65 | 62.20       | 24.82 | 68.00       | 28.71 |
|        | 52                              | 32.30                        | 14.64 | 37.40       | 16.18 | 48.00       | 19.48 | 52.60       | 21.85 | 57.70       | 24.87 | 59.60       | 26.08 | 59.70       | 26.33 |
| 60     | 10                              | 8.80                         | 0.61  | 14.10       | 0.97  | 20.00       | 1.38  | 21.40       | 1.48  | 22.90       | 1.58  | 24.30       | 1.68  | 25.80       | 1.81  |
|        | 12                              | 8.80                         | 0.54  | 14.10       | 0.90  | 20.00       | 1.35  | 21.40       | 1.48  | 22.90       | 1.58  | 24.30       | 1.68  | 25.80       | 1.81  |
|        | 14                              | 8.80                         | 0.52  | 14.10       | 0.87  | 20.00       | 1.29  | 21.40       | 1.40  | 22.90       | 1.51  | 24.30       | 1.61  | 25.80       | 1.73  |
|        | 16                              | 8.80                         | 0.51  | 14.10       | 0.83  | 20.00       | 1.23  | 21.40       | 1.32  | 22.90       | 1.45  | 24.30       | 1.56  | 25.80       | 1.71  |
|        | 18                              | 8.80                         | 0.49  | 14.10       | 0.79  | 20.00       | 1.20  | 21.40       | 1.33  | 22.90       | 1.46  | 24.30       | 1.60  | 25.80       | 1.74  |
|        | 20                              | 8.80                         | 0.46  | 14.10       | 0.80  | 20.00       | 1.25  | 21.40       | 1.37  | 22.90       | 1.53  | 24.30       | 1.67  | 25.80       | 1.86  |
|        | 21                              | 9.90                         | 0.53  | 15.20       | 0.89  | 21.10       | 1.42  | 22.40       | 1.56  | 23.80       | 1.74  | 25.30       | 1.90  | 26.70       | 2.19  |
|        | 23                              | 12.30                        | 1.45  | 17.50       | 2.36  | 23.30       | 3.15  | 24.60       | 3.32  | 25.90       | 3.50  | 27.10       | 3.63  | 28.40       | 3.86  |
|        | 25                              | 15.10                        | 2.48  | 19.80       | 3.00  | 25.60       | 3.71  | 26.80       | 3.91  | 28.00       | 4.11  | 29.10       | 4.28  | 30.20       | 4.50  |
|        | 27                              | 17.10                        | 2.92  | 22.10       | 3.59  | 27.80       | 4.46  | 29.00       | 4.69  | 30.20       | 4.92  | 31.10       | 5.08  | 33.70       | 5.58  |
|        | 29                              | 19.70                        | 3.61  | 24.50       | 4.43  | 30.20       | 5.49  | 31.40       | 5.74  | 32.50       | 6.02  | 34.40       | 6.35  | 39.90       | 7.41  |
|        | 31                              | 22.20                        | 4.58  | 27.00       | 5.62  | 32.60       | 6.78  | 33.60       | 6.98  | 36.60       | 7.51  | 40.80       | 8.31  | 46.10       | 9.57  |
|        | 33                              | 24.90                        | 5.93  | 29.60       | 6.89  | 35.20       | 8.02  | 38.70       | 8.75  | 43.00       | 9.69  | 47.10       | 10.59 | 52.30       | 12.15 |
|        | 35                              | 27.60                        | 7.24  | 32.20       | 8.20  | 41.10       | 10.27 | 45.10       | 11.25 | 49.50       | 12.40 | 53.30       | 13.48 | 58.40       | 15.39 |
|        | 37                              | 27.60                        | 7.69  | 32.20       | 8.71  | 41.10       | 10.94 | 45.10       | 11.99 | 49.50       | 13.22 | 53.30       | 14.38 | 58.40       | 16.41 |
|        | 39                              | 27.60                        | 8.28  | 32.20       | 9.30  | 41.10       | 11.68 | 45.10       | 12.79 | 49.50       | 14.11 | 53.30       | 15.35 | 58.40       | 17.52 |
|        | 41                              | 27.60                        | 8.83  | 32.20       | 9.91  | 41.10       | 12.46 | 45.10       | 13.66 | 49.50       | 15.06 | 53.30       | 16.38 | 58.40       | 18.68 |
|        | 43                              | 27.60                        | 9.43  | 32.20       | 10.59 | 41.10       | 13.30 | 45.10       | 14.59 | 49.50       | 16.08 | 53.30       | 17.48 | 58.40       | 19.94 |
|        | 46                              | 27.60                        | 10.42 | 32.20       | 11.72 | 41.10       | 14.69 | 45.10       | 16.09 | 49.50       | 17.73 | 53.30       | 19.14 | 58.40       | 21.71 |
|        | 48                              | 27.60                        | 11.16 | 32.20       | 12.54 | 41.10       | 15.70 | 45.10       | 17.19 | 49.50       | 18.84 | 53.30       | 20.33 | 58.40       | 22.84 |
|        | 50                              | 27.60                        | 11.97 | 32.20       | 13.42 | 41.10       | 16.76 | 45.10       | 18.34 | 49.50       | 19.99 | 53.30       | 21.27 | 58.40       | 23.91 |
|        | 52                              | 27.60                        | 12.85 | 32.20       | 14.34 | 41.10       | 17.60 | 45.10       | 18.56 | 49.50       | 20.09 | 53.30       | 22.13 | 58.40       | 25.68 |
| 50     | 10                              | 7.40                         | 0.57  | 11.70       | 0.81  | 16.60       | 1.15  | 17.80       | 1.22  | 19.00       | 1.31  | 20.30       | 1.40  | 21.60       | 1.50  |
|        | 12                              | 7.40                         | 0.50  | 11.70       | 0.73  | 16.60       | 1.07  | 17.80       | 1.18  | 19.00       | 1.28  | 20.30       | 1.38  | 21.60       | 1.50  |
|        | 14                              | 7.40                         | 0.48  | 11.70       | 0.70  | 16.60       | 1.03  | 17.80       | 1.13  | 19.00       | 1.21  | 20.30       | 1.31  | 21.60       | 1.43  |
|        | 16                              | 7.40                         | 0.46  | 11.70       | 0.68  | 16.60       | 0.99  | 17.80       | 1.07  | 19.00       | 1.16  | 20.30       | 1.25  | 21.60       | 1.35  |
|        | 18                              | 7.40                         | 0.44  | 11.70       | 0.65  | 16.60       | 0.95  | 17.80       | 1.03  | 19.00       | 1.12  | 20.30       | 1.23  | 21.60       | 1.35  |
|        | 20                              | 7.40                         | 0.42  | 11.70       | 0.63  | 16.60       | 0.96  | 17.80       | 1.05  | 19.00       | 1.17  | 20.30       | 1.28  | 21.60       | 1.42  |
|        | 21                              | 8.30                         | 0.44  | 12.60       | 0.69  | 17.60       | 1.06  | 18.70       | 1.18  | 19.80       | 1.30  | 21.10       | 1.42  | 22.20       | 1.61  |
|        | 23                              | 10.20                        | 0.96  | 14.50       | 1.50  | 19.40       | 2.68  | 20.50       | 2.85  | 21.60       | 2.99  | 22.60       | 3.14  | 23.70       | 3.31  |
|        | 25                              | 14.00                        | 2.35  | 16.50       | 2.59  | 21.30       | 3.15  | 22.30       | 3.31  | 23.30       | 3.47  | 24.20       | 3.62  | 25.10       | 3.82  |
|        | 27                              | 14.50                        | 2.60  | 18.40       | 3.04  | 23.20       | 3.72  | 24.20       | 3.91  | 25.10       | 4.11  | 25.90       | 4.27  | 28.10       | 4.67  |
|        | 29                              | 16.30                        | 3.10  | 20.40       | 3.71  | 25.10       | 4.53  | 26.10       | 4.75  | 27.00       | 5.01  | 28.80       | 5.33  | 33.30       | 6.18  |
|        | 31                              | 18.60                        | 3.85  | 22.40       | 4.61  | 27.20       | 5.65  | 28.00       | 5.92  | 30.40       | 6.41  | 33.90       | 7.03  | 38.40       | 7.99  |
|        | 33                              | 20.70                        | 4.95  | 24.60       | 5.87  | 29.30       | 6.77  | 32.20       | 7.43  | 35.80       | 8.13  | 39.20       | 8.82  | 43.50       | 10.02 |
|        | 35                              | 23.00                        | 6.19  | 26.70       | 6.90  | 34.40       | 8.68  | 37.60       | 9.42  | 41.10       | 10.27 | 44.50       | 11.07 | 48.60       | 12.49 |
|        | 37                              | 23.00                        | 6.62  | 26.70       | 7.41  | 34.40       | 9.23  | 37.60       | 10.03 | 41.10       | 10.95 | 44.50       | 11.81 | 48.60       | 13.33 |
|        | 39                              | 23.00                        | 7.06  | 26.70       | 7.90  | 34.40       | 9.84  | 37.60       | 10.69 | 41.10       | 11.68 | 44.50       | 12.61 | 48.60       | 14.22 |
|        | 41                              | 23.00                        | 7.53  | 26.70       | 8.41  | 34.40       | 10.51 | 37.60       | 11.41 | 41.10       | 12.46 | 44.50       | 13.45 | 48.60       | 15.16 |
|        | 43                              | 23.00                        | 8.01  | 26.70       | 8.98  | 34.40       | 11.22 | 37.60       | 12.19 | 41.10       | 13.32 | 44.50       | 14.36 | 48.60       | 16.19 |
|        | 46                              | 23.00                        | 8.84  | 26.70       | 9.94  | 34.40       | 12.40 | 37.60       | 13.46 | 41.10       | 14.70 | 44.50       | 15.84 | 48.60       | 17.84 |
|        | 48                              | 23.00                        | 9.45  | 26.70       | 10.64 | 34.40       | 13.25 | 37.60       | 14.39 | 41.10       | 15.70 | 44.50       | 16.92 | 48.60       | 19.05 |
|        | 50                              | 23.00                        | 10.14 | 26.70       | 11.41 | 34.40       | 14.18 | 37.60       | 15.37 | 41.10       | 16.77 | 44.50       | 18.06 | 48.60       | 20.33 |
|        | 52                              | 23.00                        | 10.88 | 26.70       | 12.24 | 34.40       | 15.15 | 37.60       | 16.23 | 41.10       | 17.64 | 44.50       | 18.41 | 48.60       | 20.56 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM340LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 20.20                        | 1.35  | 32.50       | 2.16  | 46.00       | 3.09  | 49.30       | 3.33  | 52.50       | 3.57  | 55.90       | 3.83  | 59.50       | 4.15  |
|        | 12                              | 20.20                        | 1.35  | 32.50       | 2.17  | 46.00       | 3.11  | 49.30       | 3.35  | 52.50       | 3.60  | 55.90       | 3.86  | 59.50       | 4.20  |
|        | 14                              | 20.20                        | 1.31  | 32.50       | 2.17  | 46.00       | 3.14  | 49.30       | 3.40  | 52.50       | 3.60  | 55.90       | 3.91  | 59.50       | 4.28  |
|        | 16                              | 20.20                        | 1.28  | 32.50       | 2.20  | 46.00       | 3.22  | 49.30       | 3.45  | 52.50       | 3.70  | 55.90       | 4.02  | 59.50       | 4.46  |
|        | 18                              | 20.20                        | 1.30  | 32.50       | 2.23  | 46.00       | 3.33  | 49.30       | 3.61  | 52.50       | 3.91  | 55.90       | 4.27  | 59.50       | 4.84  |
|        | 20                              | 20.20                        | 1.34  | 32.50       | 2.35  | 46.00       | 3.68  | 49.30       | 4.02  | 52.50       | 4.46  | 55.90       | 5.00  | 59.50       | 5.79  |
|        | 21                              | 22.90                        | 1.66  | 35.00       | 2.91  | 48.50       | 4.84  | 51.70       | 5.20  | 54.90       | 5.65  | 58.00       | 6.18  | 61.40       | 6.92  |
|        | 23                              | 28.20                        | 4.27  | 40.20       | 5.31  | 53.60       | 6.63  | 56.60       | 6.94  | 59.70       | 7.45  | 62.40       | 7.81  | 65.40       | 8.39  |
|        | 25                              | 33.80                        | 5.27  | 45.60       | 6.55  | 58.80       | 8.21  | 61.60       | 8.64  | 64.60       | 9.21  | 66.80       | 9.59  | 69.50       | 10.28 |
|        | 27                              | 39.40                        | 6.64  | 51.00       | 8.15  | 64.10       | 10.33 | 66.80       | 10.94 | 69.50       | 11.48 | 71.40       | 11.84 | 77.70       | 13.48 |
|        | 29                              | 45.20                        | 8.40  | 56.50       | 10.21 | 69.50       | 12.87 | 72.00       | 13.43 | 74.70       | 14.04 | 79.30       | 15.11 | 91.90       | 18.89 |
|        | 31                              | 51.20                        | 10.52 | 62.20       | 12.61 | 75.10       | 15.73 | 77.50       | 16.35 | 84.10       | 18.21 | 93.80       | 21.12 | 106.1       | 26.04 |
|        | 33                              | 57.30                        | 13.08 | 68.10       | 15.53 | 80.90       | 19.24 | 88.90       | 21.87 | 99.00       | 25.46 | 108.3       | 29.13 | 120.2       | 34.64 |
|        | 35                              | 63.50                        | 16.33 | 74.10       | 19.15 | 94.80       | 26.68 | 103.8       | 30.44 | 113.8       | 34.52 | 122.6       | 38.19 | 134.4       | 42.98 |
|        | 37                              | 63.50                        | 17.39 | 74.10       | 20.40 | 94.80       | 28.42 | 103.7       | 32.09 | 113.8       | 36.43 | 122.6       | 40.09 | 127.3       | 42.30 |
|        | 39                              | 63.50                        | 18.51 | 74.10       | 21.73 | 94.70       | 29.30 | 103.7       | 33.26 | 113.8       | 37.84 | 119.1       | 39.89 | 117.7       | 40.11 |
|        | 41                              | 63.50                        | 19.71 | 74.10       | 22.79 | 94.90       | 30.55 | 103.7       | 34.60 | 109.7       | 37.26 | 109.6       | 37.25 | 108.2       | 37.60 |
|        | 43                              | 63.50                        | 20.99 | 74.10       | 23.51 | 94.90       | 32.60 | 100.4       | 35.24 | 100.5       | 35.20 | 100.4       | 35.19 | 99.30       | 35.63 |
|        | 46                              | 63.50                        | 22.66 | 74.20       | 25.73 | 87.70       | 32.36 | 87.60       | 32.35 | 87.60       | 32.33 | 87.50       | 32.34 | 86.50       | 32.70 |
|        | 48                              | 63.50                        | 24.00 | 74.10       | 27.93 | 79.50       | 30.71 | 79.70       | 30.78 | 79.80       | 30.82 | 79.40       | 30.67 | 78.50       | 31.06 |
|        | 50                              | 63.60                        | 25.37 | 72.10       | 28.80 | 71.90       | 28.77 | 71.90       | 28.77 | 71.90       | 28.77 | 71.70       | 28.73 | 70.90       | 29.10 |
|        | 52                              | 62.20                        | 25.80 | 63.10       | 25.07 | 63.70       | 24.28 | 63.70       | 24.10 | 63.90       | 23.93 | 64.10       | 23.80 | 63.80       | 23.98 |
| 120    | 10                              | 18.70                        | 1.25  | 30.10       | 1.99  | 42.50       | 2.84  | 45.50       | 3.05  | 48.50       | 3.27  | 51.60       | 3.50  | 54.90       | 3.78  |
|        | 12                              | 18.70                        | 1.25  | 30.10       | 1.99  | 42.50       | 2.86  | 45.50       | 3.07  | 48.50       | 3.30  | 51.60       | 3.53  | 54.90       | 3.82  |
|        | 14                              | 18.70                        | 1.20  | 30.10       | 2.00  | 42.50       | 2.88  | 45.50       | 3.10  | 48.50       | 3.34  | 51.60       | 3.55  | 54.90       | 3.86  |
|        | 16                              | 18.70                        | 1.14  | 30.10       | 1.99  | 42.50       | 2.94  | 45.50       | 3.17  | 48.50       | 3.38  | 51.60       | 3.61  | 54.90       | 3.98  |
|        | 18                              | 18.70                        | 1.16  | 30.10       | 2.03  | 42.50       | 3.05  | 45.50       | 3.28  | 48.50       | 3.52  | 51.60       | 3.81  | 54.90       | 4.25  |
|        | 20                              | 18.70                        | 1.19  | 30.10       | 2.13  | 42.50       | 3.31  | 45.50       | 3.63  | 48.50       | 3.92  | 51.60       | 4.34  | 54.90       | 5.06  |
|        | 21                              | 21.10                        | 1.46  | 32.30       | 2.59  | 44.90       | 4.30  | 47.70       | 4.75  | 50.70       | 5.06  | 53.60       | 5.46  | 56.70       | 6.31  |
|        | 23                              | 26.20                        | 4.01  | 37.10       | 5.02  | 49.50       | 6.22  | 52.20       | 6.49  | 55.10       | 6.76  | 57.60       | 7.15  | 60.30       | 7.70  |
|        | 25                              | 31.30                        | 4.92  | 42.00       | 6.14  | 54.30       | 7.59  | 56.90       | 7.96  | 59.60       | 8.32  | 61.70       | 8.76  | 64.10       | 9.36  |
|        | 27                              | 36.40                        | 6.20  | 47.10       | 7.56  | 59.20       | 9.51  | 61.70       | 9.89  | 64.20       | 10.44 | 65.90       | 10.78 | 71.70       | 12.19 |
|        | 29                              | 41.80                        | 7.81  | 52.20       | 9.42  | 64.20       | 11.74 | 66.50       | 12.23 | 69.00       | 12.75 | 73.20       | 13.69 | 84.80       | 16.95 |
|        | 31                              | 47.30                        | 9.75  | 57.50       | 11.57 | 69.40       | 14.27 | 71.50       | 14.81 | 77.70       | 16.41 | 86.50       | 18.91 | 98.00       | 23.11 |
|        | 33                              | 52.90                        | 12.03 | 62.90       | 14.15 | 74.60       | 17.36 | 82.10       | 19.64 | 91.40       | 22.71 | 99.90       | 25.82 | 111.0       | 30.94 |
|        | 35                              | 58.70                        | 14.91 | 68.50       | 17.36 | 87.60       | 23.84 | 95.80       | 27.08 | 105.0       | 30.94 | 113.2       | 34.30 | 124.1       | 39.38 |
|        | 37                              | 58.70                        | 15.87 | 68.50       | 18.49 | 87.60       | 25.38 | 95.80       | 28.86 | 105.0       | 32.62 | 113.2       | 36.19 | 124.1       | 41.36 |
|        | 39                              | 58.70                        | 16.89 | 68.50       | 19.68 | 87.60       | 26.46 | 95.70       | 29.75 | 105.0       | 33.81 | 113.2       | 37.58 | 117.6       | 40.09 |
|        | 41                              | 58.70                        | 17.98 | 68.50       | 20.97 | 87.60       | 27.24 | 95.80       | 31.04 | 105.0       | 35.19 | 109.6       | 37.25 | 108.3       | 37.61 |
|        | 43                              | 58.70                        | 19.16 | 68.50       | 21.84 | 87.50       | 29.00 | 95.90       | 33.06 | 100.6       | 35.24 | 100.6       | 35.23 | 99.20       | 35.57 |
|        | 46                              | 58.70                        | 21.06 | 68.30       | 23.30 | 87.40       | 32.18 | 87.60       | 32.34 | 87.60       | 32.35 | 87.60       | 32.33 | 86.60       | 32.72 |
|        | 48                              | 58.70                        | 22.24 | 68.50       | 25.27 | 79.60       | 30.72 | 79.60       | 30.70 | 79.50       | 30.72 | 79.40       | 30.67 | 78.50       | 31.10 |
|        | 50                              | 58.70                        | 23.28 | 68.50       | 27.00 | 71.90       | 28.77 | 71.90       | 28.76 | 71.90       | 28.78 | 71.80       | 28.77 | 70.90       | 29.12 |
|        | 52                              | 58.70                        | 23.86 | 62.80       | 25.37 | 63.40       | 24.58 | 63.50       | 24.42 | 63.60       | 24.27 | 63.70       | 24.14 | 63.50       | 24.37 |
| 110    | 10                              | 17.20                        | 1.13  | 27.50       | 1.82  | 38.90       | 2.60  | 41.70       | 2.79  | 44.40       | 2.98  | 47.30       | 3.19  | 50.30       | 3.43  |
|        | 12                              | 17.20                        | 1.13  | 27.50       | 1.82  | 38.90       | 2.61  | 41.70       | 2.80  | 44.40       | 2.99  | 47.30       | 3.21  | 50.30       | 3.47  |
|        | 14                              | 17.20                        | 1.08  | 27.50       | 1.80  | 38.90       | 2.63  | 41.70       | 2.82  | 44.40       | 3.02  | 47.30       | 3.24  | 50.30       | 3.51  |
|        | 16                              | 17.20                        | 1.02  | 27.50       | 1.79  | 38.90       | 2.67  | 41.70       | 2.87  | 44.40       | 3.09  | 47.30       | 3.29  | 50.30       | 3.58  |
|        | 18                              | 17.20                        | 1.02  | 27.50       | 1.82  | 38.90       | 2.75  | 41.70       | 2.98  | 44.40       | 3.18  | 47.30       | 3.44  | 50.30       | 3.77  |
|        | 20                              | 17.20                        | 1.05  | 27.50       | 1.90  | 38.90       | 2.95  | 41.70       | 3.23  | 44.40       | 3.50  | 47.30       | 3.81  | 50.30       | 4.34  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 19.40                        | 1.27  | 29.60       | 2.28  | 41.10       | 3.73  | 43.70       | 4.14  | 46.40       | 4.55  | 49.10       | 4.90  | 52.00       | 5.49  |
|        | 23                              | 24.00                        | 3.72  | 34.00       | 4.73  | 45.40       | 5.80  | 47.90       | 6.04  | 50.50       | 6.29  | 52.70       | 6.51  | 55.30       | 6.94  |
|        | 25                              | 28.60                        | 4.55  | 38.50       | 5.68  | 49.80       | 7.02  | 52.20       | 7.33  | 54.60       | 7.63  | 56.60       | 7.89  | 58.80       | 8.42  |
|        | 27                              | 33.30                        | 5.69  | 43.00       | 7.01  | 54.20       | 8.67  | 56.50       | 8.99  | 58.90       | 9.39  | 60.40       | 9.64  | 65.60       | 11.00 |
|        | 29                              | 38.30                        | 7.25  | 47.80       | 8.66  | 58.80       | 10.66 | 61.00       | 11.08 | 63.30       | 11.55 | 67.00       | 12.36 | 77.70       | 15.13 |
|        | 31                              | 43.30                        | 9.02  | 52.60       | 10.58 | 63.50       | 12.91 | 65.60       | 13.37 | 71.20       | 14.74 | 79.40       | 16.87 | 89.70       | 20.43 |
|        | 33                              | 48.40                        | 11.02 | 57.60       | 12.85 | 68.30       | 15.61 | 75.30       | 17.55 | 83.80       | 20.16 | 91.50       | 22.79 | 101.7       | 27.31 |
|        | 35                              | 53.70                        | 13.55 | 62.70       | 15.67 | 80.20       | 21.20 | 87.80       | 23.95 | 96.30       | 27.27 | 103.7       | 30.46 | 113.6       | 35.42 |
|        | 37                              | 53.70                        | 14.42 | 62.70       | 16.68 | 80.20       | 22.59 | 87.80       | 25.51 | 96.30       | 29.08 | 103.7       | 32.38 | 113.7       | 37.40 |
|        | 39                              | 53.70                        | 15.35 | 62.70       | 17.77 | 80.20       | 24.05 | 87.80       | 26.72 | 96.30       | 30.00 | 103.7       | 33.28 | 113.8       | 38.71 |
|        | 41                              | 53.70                        | 16.36 | 62.70       | 18.93 | 80.20       | 24.94 | 87.80       | 27.39 | 96.30       | 31.28 | 103.7       | 34.62 | 108.2       | 37.62 |
|        | 43                              | 53.70                        | 17.42 | 62.70       | 20.16 | 80.20       | 25.75 | 87.80       | 29.15 | 96.40       | 33.28 | 100.4       | 35.23 | 99.30       | 35.59 |
|        | 46                              | 53.70                        | 19.15 | 62.70       | 21.43 | 80.10       | 28.56 | 87.40       | 32.27 | 87.60       | 32.34 | 87.60       | 32.35 | 86.40       | 32.75 |
|        | 48                              | 53.70                        | 20.40 | 62.70       | 22.80 | 79.50       | 30.64 | 79.50       | 30.67 | 79.60       | 30.71 | 79.50       | 30.71 | 78.40       | 31.05 |
|        | 50                              | 53.70                        | 21.59 | 62.70       | 24.34 | 71.90       | 28.80 | 71.90       | 28.79 | 71.90       | 28.80 | 71.90       | 28.77 | 70.90       | 29.07 |
| 100    | 52                              | 53.90                        | 21.49 | 62.60       | 25.55 | 63.20       | 24.96 | 63.20       | 24.81 | 63.30       | 24.66 | 63.20       | 24.51 | 63.10       | 24.55 |
|        | 10                              | 15.60                        | 1.03  | 25.00       | 1.65  | 35.40       | 2.36  | 37.90       | 2.53  | 40.40       | 2.70  | 43.00       | 2.88  | 45.70       | 3.10  |
|        | 12                              | 15.60                        | 1.01  | 25.00       | 1.65  | 35.40       | 2.36  | 37.90       | 2.54  | 40.40       | 2.71  | 43.00       | 2.89  | 45.70       | 3.13  |
|        | 14                              | 15.60                        | 0.96  | 25.00       | 1.61  | 35.40       | 2.37  | 37.90       | 2.55  | 40.40       | 2.73  | 43.00       | 2.92  | 45.70       | 3.16  |
|        | 16                              | 15.60                        | 0.91  | 25.00       | 1.56  | 35.40       | 2.39  | 37.90       | 2.59  | 40.40       | 2.77  | 43.00       | 2.97  | 45.70       | 3.24  |
|        | 18                              | 15.60                        | 0.88  | 25.00       | 1.59  | 35.40       | 2.44  | 37.90       | 2.65  | 40.40       | 2.87  | 43.00       | 3.07  | 45.70       | 3.37  |
|        | 20                              | 15.60                        | 0.91  | 25.00       | 1.65  | 35.40       | 2.61  | 37.90       | 2.85  | 40.40       | 3.09  | 43.00       | 3.36  | 45.70       | 3.81  |
|        | 21                              | 17.70                        | 1.09  | 27.00       | 1.95  | 37.40       | 3.20  | 39.80       | 3.55  | 42.20       | 3.90  | 44.70       | 4.28  | 47.20       | 4.90  |
|        | 23                              | 21.80                        | 3.46  | 30.90       | 4.38  | 41.30       | 5.39  | 43.50       | 5.62  | 45.90       | 5.84  | 48.00       | 6.05  | 50.30       | 6.40  |
|        | 25                              | 26.00                        | 4.18  | 35.00       | 5.28  | 45.20       | 6.51  | 47.40       | 6.77  | 49.60       | 7.00  | 51.50       | 7.21  | 53.40       | 7.63  |
|        | 27                              | 30.30                        | 5.18  | 39.20       | 6.48  | 49.30       | 7.89  | 51.40       | 8.21  | 53.50       | 8.55  | 54.90       | 8.79  | 59.70       | 9.76  |
|        | 29                              | 34.80                        | 6.65  | 43.50       | 7.93  | 53.50       | 9.66  | 55.40       | 10.01 | 57.50       | 10.41 | 61.00       | 11.09 | 70.70       | 13.46 |
|        | 31                              | 39.30                        | 8.29  | 47.90       | 9.65  | 57.80       | 11.64 | 59.60       | 12.02 | 64.70       | 13.18 | 72.10       | 14.97 | 81.60       | 17.95 |
|        | 33                              | 44.10                        | 10.08 | 52.30       | 11.64 | 62.20       | 13.98 | 68.50       | 15.62 | 76.10       | 17.81 | 83.30       | 20.01 | 92.50       | 23.77 |
|        | 35                              | 48.90                        | 12.30 | 56.90       | 14.09 | 72.90       | 18.77 | 79.90       | 21.07 | 87.50       | 23.85 | 94.30       | 26.51 | 103.3       | 31.09 |
| 90     | 37                              | 48.90                        | 13.07 | 56.90       | 15.00 | 72.90       | 19.99 | 79.90       | 22.44 | 87.50       | 25.40 | 94.30       | 28.25 | 103.3       | 33.05 |
|        | 39                              | 48.90                        | 13.90 | 56.90       | 15.96 | 72.90       | 21.29 | 79.90       | 23.91 | 87.50       | 26.80 | 94.30       | 29.26 | 103.3       | 33.98 |
|        | 41                              | 48.90                        | 14.81 | 56.90       | 17.00 | 72.90       | 22.68 | 79.90       | 24.97 | 87.50       | 27.47 | 94.30       | 30.36 | 103.3       | 35.36 |
|        | 43                              | 48.90                        | 15.78 | 56.90       | 18.12 | 72.90       | 23.50 | 79.90       | 25.75 | 87.40       | 29.03 | 94.40       | 32.39 | 99.50       | 35.62 |
|        | 46                              | 48.90                        | 17.35 | 56.90       | 19.66 | 72.90       | 25.22 | 79.80       | 28.37 | 87.40       | 32.19 | 87.80       | 32.37 | 86.40       | 32.73 |
|        | 48                              | 48.90                        | 18.48 | 56.90       | 20.83 | 73.00       | 27.36 | 79.10       | 30.51 | 79.50       | 30.70 | 79.50       | 30.70 | 78.60       | 31.05 |
|        | 50                              | 48.90                        | 19.69 | 57.00       | 21.89 | 71.80       | 28.73 | 72.00       | 28.81 | 71.90       | 28.78 | 71.90       | 28.80 | 70.80       | 29.05 |
|        | 52                              | 48.90                        | 20.38 | 56.90       | 22.72 | 62.70       | 25.43 | 63.00       | 25.18 | 63.20       | 24.94 | 63.30       | 24.68 | 63.20       | 24.79 |
|        | 10                              | 14.10                        | 0.93  | 22.50       | 1.49  | 31.80       | 2.11  | 34.20       | 2.27  | 36.40       | 2.42  | 38.70       | 2.58  | 41.10       | 2.77  |
|        | 12                              | 14.10                        | 0.87  | 22.50       | 1.48  | 31.80       | 2.12  | 34.20       | 2.27  | 36.40       | 2.43  | 38.70       | 2.59  | 41.10       | 2.79  |
|        | 14                              | 14.10                        | 0.83  | 22.50       | 1.42  | 31.80       | 2.09  | 34.20       | 2.29  | 36.40       | 2.45  | 38.70       | 2.62  | 41.10       | 2.82  |
|        | 16                              | 14.10                        | 0.79  | 22.50       | 1.34  | 31.80       | 2.09  | 34.20       | 2.29  | 36.40       | 2.48  | 38.70       | 2.65  | 41.10       | 2.87  |
|        | 18                              | 14.10                        | 0.75  | 22.50       | 1.36  | 31.80       | 2.14  | 34.20       | 2.34  | 36.40       | 2.52  | 38.70       | 2.74  | 41.10       | 2.97  |
|        | 20                              | 14.10                        | 0.77  | 22.50       | 1.41  | 31.80       | 2.27  | 34.20       | 2.48  | 36.40       | 2.69  | 38.70       | 2.93  | 41.10       | 3.29  |
|        | 21                              | 15.80                        | 0.92  | 24.30       | 1.65  | 33.60       | 2.72  | 35.80       | 2.99  | 37.90       | 3.31  | 40.20       | 3.61  | 42.50       | 4.28  |
|        | 23                              | 19.60                        | 2.96  | 27.90       | 4.01  | 37.10       | 5.00  | 39.20       | 5.20  | 41.30       | 5.41  | 43.20       | 5.59  | 45.20       | 5.89  |
|        | 25                              | 23.40                        | 3.79  | 31.50       | 4.80  | 40.60       | 5.93  | 42.70       | 6.21  | 44.70       | 6.45  | 46.30       | 6.64  | 48.10       | 6.95  |
|        | 27                              | 27.30                        | 4.66  | 35.20       | 5.88  | 44.30       | 7.18  | 46.20       | 7.45  | 48.10       | 7.73  | 49.50       | 7.92  | 53.70       | 8.79  |
|        | 29                              | 31.30                        | 5.88  | 39.10       | 7.24  | 48.10       | 8.72  | 49.90       | 9.02  | 51.70       | 9.35  | 54.90       | 9.92  | 63.60       | 11.91 |
|        | 31                              | 35.50                        | 7.61  | 43.10       | 8.79  | 52.00       | 10.45 | 53.70       | 10.77 | 58.30       | 11.74 | 64.90       | 13.22 | 73.40       | 15.70 |
|        | 33                              | 39.60                        | 9.19  | 47.10       | 10.50 | 55.90       | 12.47 | 61.60       | 13.83 | 68.50       | 15.65 | 74.90       | 17.46 | 83.30       | 20.55 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 44.00                        | 11.11 | 51.40       | 12.61 | 65.60       | 16.52 | 71.90       | 18.43 | 78.70       | 20.71 | 85.00       | 22.89 | 93.00       | 26.75 |
|        | 37                              | 44.00                        | 11.79 | 51.40       | 13.41 | 65.60       | 17.60 | 71.90       | 19.62 | 78.70       | 22.05 | 85.00       | 24.37 | 93.00       | 28.51 |
|        | 39                              | 44.00                        | 12.55 | 51.40       | 14.27 | 65.60       | 18.75 | 71.90       | 20.90 | 78.70       | 23.48 | 85.00       | 25.97 | 93.00       | 30.09 |
|        | 41                              | 44.00                        | 13.35 | 51.40       | 15.20 | 65.60       | 19.96 | 71.90       | 22.27 | 78.70       | 24.77 | 85.00       | 26.81 | 93.00       | 30.88 |
|        | 43                              | 44.00                        | 14.23 | 51.40       | 16.20 | 65.60       | 21.26 | 71.90       | 23.27 | 78.70       | 25.56 | 85.00       | 27.82 | 93.10       | 32.65 |
|        | 46                              | 44.00                        | 15.65 | 51.40       | 17.81 | 65.60       | 22.59 | 71.70       | 24.74 | 78.80       | 27.87 | 84.90       | 30.92 | 86.50       | 32.73 |
|        | 48                              | 44.00                        | 16.67 | 51.40       | 18.98 | 65.60       | 24.04 | 71.80       | 26.84 | 78.60       | 30.22 | 79.50       | 30.70 | 78.50       | 31.09 |
|        | 50                              | 44.00                        | 17.77 | 51.40       | 19.99 | 65.60       | 25.68 | 71.10       | 28.38 | 71.90       | 28.76 | 72.00       | 28.78 | 71.00       | 29.10 |
|        | 52                              | 44.00                        | 18.95 | 51.30       | 20.07 | 62.70       | 25.67 | 62.90       | 25.41 | 63.10       | 25.17 | 63.10       | 24.90 | 62.90       | 25.00 |
| 80     | 10                              | 12.40                        | 0.83  | 20.00       | 1.32  | 28.40       | 1.87  | 30.30       | 2.01  | 32.30       | 2.14  | 34.40       | 2.29  | 36.60       | 2.46  |
|        | 12                              | 12.40                        | 0.74  | 20.00       | 1.29  | 28.40       | 1.87  | 30.30       | 2.02  | 32.30       | 2.15  | 34.40       | 2.29  | 36.60       | 2.47  |
|        | 14                              | 12.40                        | 0.70  | 20.00       | 1.23  | 28.40       | 1.83  | 30.30       | 1.98  | 32.30       | 2.13  | 34.40       | 2.30  | 36.60       | 2.48  |
|        | 16                              | 12.40                        | 0.67  | 20.00       | 1.16  | 28.40       | 1.76  | 30.30       | 1.96  | 32.30       | 2.15  | 34.40       | 2.32  | 36.60       | 2.52  |
|        | 18                              | 12.40                        | 0.65  | 20.00       | 1.14  | 28.40       | 1.80  | 30.30       | 2.00  | 32.30       | 2.19  | 34.40       | 2.36  | 36.60       | 2.60  |
|        | 20                              | 12.40                        | 0.64  | 20.00       | 1.18  | 28.40       | 1.89  | 30.30       | 2.10  | 32.30       | 2.31  | 34.40       | 2.50  | 36.60       | 2.81  |
|        | 21                              | 14.10                        | 0.76  | 21.60       | 1.36  | 29.90       | 2.23  | 31.80       | 2.48  | 33.80       | 2.75  | 35.70       | 3.00  | 37.90       | 3.52  |
|        | 23                              | 17.40                        | 2.45  | 24.80       | 3.50  | 33.00       | 4.52  | 34.80       | 4.79  | 36.70       | 4.97  | 38.40       | 5.12  | 40.30       | 5.40  |
|        | 25                              | 20.70                        | 3.41  | 28.00       | 4.29  | 36.20       | 5.40  | 37.90       | 5.60  | 39.80       | 5.85  | 41.10       | 6.04  | 42.80       | 6.34  |
|        | 27                              | 24.30                        | 4.17  | 31.30       | 5.23  | 39.40       | 6.51  | 41.10       | 6.73  | 42.80       | 6.96  | 43.90       | 7.13  | 47.80       | 7.84  |
|        | 29                              | 27.80                        | 5.24  | 34.80       | 6.52  | 42.80       | 7.81  | 44.30       | 8.07  | 46.10       | 8.35  | 48.80       | 8.84  | 56.60       | 10.47 |
|        | 31                              | 31.40                        | 6.74  | 38.30       | 7.93  | 46.20       | 9.35  | 47.60       | 9.62  | 51.80       | 10.41 | 57.70       | 11.62 | 65.30       | 13.64 |
|        | 33                              | 35.20                        | 8.32  | 42.00       | 9.44  | 49.80       | 11.06 | 54.70       | 12.18 | 60.90       | 13.67 | 66.50       | 15.14 | 74.10       | 17.64 |
|        | 35                              | 39.10                        | 9.99  | 45.60       | 11.23 | 58.30       | 14.45 | 63.90       | 16.00 | 70.10       | 17.86 | 75.50       | 19.61 | 82.80       | 22.72 |
|        | 37                              | 39.10                        | 10.60 | 45.60       | 11.93 | 58.30       | 15.38 | 63.90       | 17.04 | 70.10       | 19.01 | 75.50       | 20.89 | 82.80       | 24.20 |
|        | 39                              | 39.10                        | 11.26 | 45.60       | 12.70 | 58.30       | 16.37 | 63.90       | 18.15 | 70.10       | 20.25 | 75.50       | 22.24 | 82.80       | 25.78 |
|        | 41                              | 39.10                        | 11.99 | 45.60       | 13.51 | 58.30       | 17.44 | 63.90       | 19.33 | 70.10       | 21.57 | 75.50       | 23.69 | 82.80       | 27.27 |
|        | 43                              | 39.10                        | 12.77 | 45.60       | 14.40 | 58.30       | 18.58 | 63.90       | 20.58 | 70.10       | 22.78 | 75.50       | 24.62 | 82.80       | 28.17 |
|        | 46                              | 39.10                        | 14.03 | 45.60       | 15.84 | 58.30       | 20.24 | 63.90       | 22.10 | 70.10       | 24.20 | 75.50       | 26.37 | 82.60       | 30.69 |
|        | 48                              | 39.10                        | 14.97 | 45.60       | 16.88 | 58.30       | 21.45 | 63.90       | 23.41 | 70.00       | 26.01 | 75.50       | 28.63 | 78.60       | 31.12 |
|        | 50                              | 39.10                        | 15.96 | 45.60       | 18.00 | 58.30       | 22.45 | 63.80       | 24.86 | 70.00       | 27.79 | 72.10       | 28.80 | 70.80       | 29.08 |
|        | 52                              | 39.10                        | 17.02 | 45.60       | 18.61 | 58.40       | 23.32 | 62.70       | 25.57 | 62.80       | 25.46 | 62.90       | 25.20 | 62.80       | 25.31 |
| 70     | 10                              | 10.90                        | 0.73  | 17.50       | 1.15  | 24.80       | 1.64  | 26.50       | 1.75  | 28.20       | 1.87  | 30.10       | 1.99  | 32.00       | 2.14  |
|        | 12                              | 10.90                        | 0.61  | 17.50       | 1.07  | 24.80       | 1.64  | 26.50       | 1.76  | 28.20       | 1.87  | 30.10       | 2.00  | 32.00       | 2.15  |
|        | 14                              | 10.90                        | 0.60  | 17.50       | 1.04  | 24.80       | 1.55  | 26.50       | 1.69  | 28.20       | 1.83  | 30.10       | 1.96  | 32.00       | 2.13  |
|        | 16                              | 10.90                        | 0.57  | 17.50       | 0.97  | 24.80       | 1.47  | 26.50       | 1.61  | 28.20       | 1.78  | 30.10       | 1.94  | 32.00       | 2.13  |
|        | 18                              | 10.90                        | 0.55  | 17.50       | 0.94  | 24.80       | 1.48  | 26.50       | 1.64  | 28.20       | 1.81  | 30.10       | 1.98  | 32.00       | 2.18  |
|        | 20                              | 10.90                        | 0.53  | 17.50       | 0.95  | 24.80       | 1.54  | 26.50       | 1.72  | 28.20       | 1.89  | 30.10       | 2.08  | 32.00       | 2.34  |
|        | 21                              | 12.40                        | 0.61  | 18.90       | 1.09  | 26.20       | 1.77  | 27.80       | 1.99  | 29.60       | 2.20  | 31.30       | 2.43  | 33.00       | 2.82  |
|        | 23                              | 15.30                        | 1.96  | 21.60       | 2.80  | 28.90       | 4.02  | 30.40       | 4.25  | 32.10       | 4.48  | 33.60       | 4.67  | 35.20       | 4.92  |
|        | 25                              | 18.20                        | 3.03  | 24.50       | 3.80  | 31.60       | 4.75  | 33.10       | 5.02  | 34.70       | 5.25  | 36.00       | 5.41  | 37.40       | 5.69  |
|        | 27                              | 21.30                        | 3.66  | 27.40       | 4.59  | 34.50       | 5.70  | 36.00       | 5.99  | 37.40       | 6.27  | 38.40       | 6.39  | 41.80       | 6.96  |
|        | 29                              | 24.40                        | 4.55  | 30.40       | 5.66  | 37.40       | 6.98  | 38.80       | 7.19  | 40.30       | 7.41  | 42.70       | 7.80  | 49.50       | 9.15  |
|        | 31                              | 27.60                        | 5.80  | 33.50       | 7.13  | 40.50       | 8.31  | 41.70       | 8.54  | 45.20       | 9.19  | 50.50       | 10.16 | 57.10       | 11.77 |
|        | 33                              | 30.90                        | 7.43  | 36.60       | 8.43  | 43.50       | 9.75  | 47.90       | 10.66 | 53.20       | 11.85 | 58.30       | 13.02 | 64.80       | 15.02 |
|        | 35                              | 34.30                        | 8.92  | 39.80       | 9.95  | 51.00       | 12.55 | 55.90       | 13.79 | 61.20       | 15.26 | 66.00       | 16.65 | 72.30       | 19.11 |
|        | 37                              | 34.30                        | 9.46  | 39.80       | 10.56 | 51.00       | 13.33 | 55.90       | 14.67 | 61.20       | 16.25 | 66.00       | 17.72 | 72.30       | 20.34 |
|        | 39                              | 34.30                        | 10.04 | 39.80       | 11.22 | 51.00       | 14.20 | 55.90       | 15.62 | 61.20       | 17.30 | 66.00       | 18.88 | 72.30       | 21.66 |
|        | 41                              | 34.30                        | 10.68 | 39.80       | 11.95 | 51.00       | 15.12 | 55.90       | 16.65 | 61.20       | 18.43 | 66.00       | 20.11 | 72.30       | 23.07 |
|        | 43                              | 34.30                        | 11.39 | 39.80       | 12.73 | 51.00       | 16.11 | 55.90       | 17.72 | 61.20       | 19.62 | 66.00       | 21.41 | 72.30       | 24.57 |
|        | 46                              | 34.30                        | 12.52 | 39.80       | 13.99 | 51.00       | 17.72 | 55.90       | 19.48 | 61.20       | 21.32 | 66.00       | 22.97 | 72.30       | 26.11 |
|        | 48                              | 34.30                        | 13.36 | 39.80       | 14.92 | 51.00       | 18.88 | 55.90       | 20.76 | 61.20       | 22.59 | 66.00       | 24.33 | 72.40       | 27.86 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 34.30                        | 14.24 | 39.80       | 15.92 | 51.00       | 20.11 | 55.90       | 21.67 | 61.30       | 23.71 | 66.10       | 25.89 | 71.00       | 29.12 |
|        | 52                         | 34.30                        | 15.20 | 39.80       | 16.96 | 51.00       | 19.83 | 55.90       | 22.07 | 61.20       | 24.80 | 62.80       | 25.61 | 62.50       | 25.71 |
| 60     | 10                         | 9.30                         | 0.62  | 15.00       | 0.98  | 21.20       | 1.40  | 22.80       | 1.50  | 24.30       | 1.60  | 25.80       | 1.70  | 27.40       | 1.83  |
|        | 12                         | 9.30                         | 0.55  | 15.00       | 0.86  | 21.20       | 1.33  | 22.80       | 1.47  | 24.30       | 1.60  | 25.80       | 1.70  | 27.40       | 1.84  |
|        | 14                         | 9.30                         | 0.49  | 15.00       | 0.83  | 21.20       | 1.28  | 22.80       | 1.40  | 24.30       | 1.52  | 25.80       | 1.63  | 27.40       | 1.77  |
|        | 16                         | 9.30                         | 0.48  | 15.00       | 0.80  | 21.20       | 1.21  | 22.80       | 1.32  | 24.30       | 1.44  | 25.80       | 1.55  | 27.40       | 1.70  |
|        | 18                         | 9.30                         | 0.46  | 15.00       | 0.77  | 21.20       | 1.17  | 22.80       | 1.30  | 24.30       | 1.43  | 25.80       | 1.58  | 27.40       | 1.74  |
|        | 20                         | 9.30                         | 0.43  | 15.00       | 0.76  | 21.20       | 1.21  | 22.80       | 1.35  | 24.30       | 1.50  | 25.80       | 1.66  | 27.40       | 1.85  |
|        | 21                         | 10.50                        | 0.49  | 16.10       | 0.84  | 22.40       | 1.37  | 23.80       | 1.53  | 25.30       | 1.71  | 26.80       | 1.87  | 28.40       | 2.17  |
|        | 23                         | 13.10                        | 1.31  | 18.50       | 2.14  | 24.80       | 3.39  | 26.10       | 3.72  | 27.50       | 3.91  | 28.80       | 4.09  | 30.20       | 4.33  |
|        | 25                         | 16.00                        | 2.72  | 21.00       | 3.31  | 27.20       | 4.09  | 28.40       | 4.33  | 29.80       | 4.56  | 30.90       | 4.75  | 32.10       | 5.00  |
|        | 27                         | 18.20                        | 3.19  | 23.50       | 3.94  | 29.60       | 4.87  | 30.80       | 5.15  | 32.10       | 5.39  | 33.00       | 5.61  | 35.90       | 6.11  |
|        | 29                         | 20.90                        | 3.92  | 26.00       | 4.82  | 32.10       | 5.95  | 33.30       | 6.29  | 34.50       | 6.55  | 36.60       | 6.86  | 42.50       | 7.91  |
|        | 31                         | 23.60                        | 4.94  | 28.70       | 6.07  | 34.60       | 7.32  | 35.70       | 7.51  | 38.90       | 8.04  | 43.30       | 8.82  | 49.00       | 10.08 |
|        | 33                         | 26.50                        | 6.40  | 31.40       | 7.46  | 37.30       | 8.54  | 41.10       | 9.28  | 45.70       | 10.21 | 50.00       | 11.11 | 55.60       | 12.65 |
|        | 35                         | 29.40                        | 7.83  | 34.10       | 8.73  | 43.70       | 10.80 | 47.90       | 11.77 | 52.50       | 12.91 | 56.60       | 13.99 | 62.10       | 15.88 |
|        | 37                         | 29.40                        | 8.28  | 34.10       | 9.25  | 43.70       | 11.47 | 47.90       | 12.52 | 52.50       | 13.74 | 56.60       | 14.88 | 62.10       | 16.90 |
|        | 39                         | 29.40                        | 8.83  | 34.10       | 9.83  | 43.70       | 12.21 | 47.90       | 13.32 | 52.50       | 14.62 | 56.60       | 15.85 | 62.10       | 18.00 |
|        | 41                         | 29.40                        | 9.38  | 34.10       | 10.45 | 43.70       | 13.00 | 47.90       | 14.19 | 52.50       | 15.58 | 56.60       | 16.88 | 62.10       | 19.17 |
|        | 43                         | 29.40                        | 9.97  | 34.10       | 11.14 | 43.70       | 13.84 | 47.90       | 15.11 | 52.50       | 16.59 | 56.60       | 17.98 | 62.10       | 20.42 |
|        | 46                         | 29.40                        | 10.97 | 34.10       | 12.27 | 43.70       | 15.23 | 47.90       | 16.62 | 52.50       | 18.25 | 56.60       | 19.76 | 62.10       | 22.44 |
|        | 48                         | 29.40                        | 11.72 | 34.10       | 13.08 | 43.70       | 16.23 | 47.90       | 17.71 | 52.50       | 19.43 | 56.60       | 21.05 | 62.10       | 23.70 |
|        | 50                         | 29.40                        | 12.52 | 34.10       | 13.97 | 43.70       | 17.30 | 47.90       | 18.87 | 52.50       | 20.71 | 56.60       | 22.14 | 62.10       | 24.81 |
|        | 52                         | 29.40                        | 13.42 | 34.10       | 14.90 | 43.70       | 18.43 | 47.90       | 19.52 | 52.60       | 20.43 | 56.60       | 22.38 | 62.00       | 25.63 |
| 50     | 10                         | 7.80                         | 0.58  | 12.50       | 0.82  | 17.70       | 1.16  | 18.90       | 1.24  | 20.20       | 1.33  | 21.60       | 1.42  | 22.90       | 1.52  |
|        | 12                         | 7.80                         | 0.52  | 12.50       | 0.72  | 17.70       | 1.03  | 18.90       | 1.15  | 20.20       | 1.25  | 21.60       | 1.36  | 22.90       | 1.49  |
|        | 14                         | 7.80                         | 0.44  | 12.50       | 0.65  | 17.70       | 0.99  | 18.90       | 1.10  | 20.20       | 1.19  | 21.60       | 1.30  | 22.90       | 1.42  |
|        | 16                         | 7.80                         | 0.43  | 12.50       | 0.64  | 17.70       | 0.96  | 18.90       | 1.04  | 20.20       | 1.14  | 21.60       | 1.25  | 22.90       | 1.35  |
|        | 18                         | 7.80                         | 0.40  | 12.50       | 0.61  | 17.70       | 0.91  | 18.90       | 1.00  | 20.20       | 1.09  | 21.60       | 1.20  | 22.90       | 1.32  |
|        | 20                         | 7.80                         | 0.39  | 12.50       | 0.59  | 17.70       | 0.91  | 18.90       | 1.01  | 20.20       | 1.13  | 21.60       | 1.24  | 22.90       | 1.39  |
|        | 21                         | 8.80                         | 0.40  | 13.50       | 0.64  | 18.70       | 1.01  | 19.90       | 1.13  | 21.10       | 1.25  | 22.40       | 1.38  | 23.60       | 1.57  |
|        | 23                         | 10.90                        | 0.85  | 15.50       | 1.36  | 20.60       | 2.50  | 21.80       | 2.75  | 23.00       | 3.03  | 24.00       | 3.30  | 25.20       | 3.70  |
|        | 25                         | 14.60                        | 2.52  | 17.50       | 2.83  | 22.60       | 3.46  | 23.70       | 3.65  | 24.80       | 3.85  | 25.70       | 4.01  | 26.70       | 4.23  |
|        | 27                         | 15.40                        | 2.80  | 19.60       | 3.32  | 24.70       | 4.09  | 25.70       | 4.29  | 26.70       | 4.53  | 27.50       | 4.71  | 29.90       | 5.12  |
|        | 29                         | 17.40                        | 3.35  | 21.80       | 4.05  | 26.70       | 4.92  | 27.70       | 5.18  | 28.80       | 5.46  | 30.60       | 5.82  | 35.40       | 6.73  |
|        | 31                         | 19.70                        | 4.15  | 23.90       | 4.97  | 28.90       | 6.12  | 29.80       | 6.43  | 32.30       | 6.94  | 36.00       | 7.56  | 40.80       | 8.55  |
|        | 33                         | 22.00                        | 5.33  | 26.20       | 6.36  | 31.10       | 7.35  | 34.20       | 7.96  | 38.10       | 8.69  | 41.60       | 9.38  | 46.30       | 10.54 |
|        | 35                         | 24.50                        | 6.75  | 28.50       | 7.49  | 36.50       | 9.21  | 39.90       | 9.95  | 43.70       | 10.80 | 47.20       | 11.60 | 51.70       | 13.01 |
|        | 37                         | 24.50                        | 7.24  | 28.50       | 7.98  | 36.50       | 9.76  | 39.90       | 10.57 | 43.70       | 11.48 | 47.20       | 12.33 | 51.70       | 13.84 |
|        | 39                         | 24.50                        | 7.64  | 28.50       | 8.44  | 36.50       | 10.38 | 39.90       | 11.23 | 43.70       | 12.22 | 47.20       | 13.13 | 51.70       | 14.74 |
|        | 41                         | 24.50                        | 8.08  | 28.50       | 8.96  | 36.50       | 11.04 | 39.90       | 11.95 | 43.70       | 13.00 | 47.20       | 13.98 | 51.70       | 15.69 |
|        | 43                         | 24.50                        | 8.57  | 28.50       | 9.53  | 36.50       | 11.77 | 39.90       | 12.72 | 43.70       | 13.85 | 47.20       | 14.89 | 51.70       | 16.71 |
|        | 46                         | 24.50                        | 9.40  | 28.50       | 10.49 | 36.50       | 12.95 | 39.90       | 14.00 | 43.70       | 15.24 | 47.20       | 16.37 | 51.70       | 18.37 |
|        | 48                         | 24.50                        | 10.02 | 28.50       | 11.19 | 36.50       | 13.80 | 39.90       | 14.93 | 43.70       | 16.23 | 47.20       | 17.45 | 51.70       | 19.58 |
|        | 50                         | 24.50                        | 10.71 | 28.50       | 11.96 | 36.50       | 14.73 | 39.90       | 15.92 | 43.70       | 17.30 | 47.20       | 18.59 | 51.70       | 20.85 |
|        | 52                         | 24.50                        | 11.46 | 28.50       | 12.80 | 36.50       | 15.70 | 39.90       | 16.98 | 43.70       | 18.45 | 47.20       | 19.30 | 51.70       | 21.56 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM360LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 21.40                        | 1.51  | 34.40       | 2.43  | 48.80       | 3.50  | 52.20       | 3.78  | 55.60       | 3.95  | 59.20       | 4.26  | 63.00       | 4.63  |
|        | 12                               | 21.40                        | 1.51  | 34.40       | 2.44  | 48.80       | 3.53  | 52.20       | 3.81  | 55.60       | 4.03  | 59.20       | 4.34  | 63.00       | 4.74  |
|        | 14                               | 21.40                        | 1.46  | 34.40       | 2.44  | 48.80       | 3.56  | 52.20       | 3.85  | 55.60       | 4.10  | 59.20       | 4.45  | 63.00       | 4.88  |
|        | 16                               | 21.40                        | 1.44  | 34.40       | 2.46  | 48.80       | 3.65  | 52.20       | 3.92  | 55.60       | 4.22  | 59.20       | 4.58  | 63.00       | 5.08  |
|        | 18                               | 21.40                        | 1.45  | 34.40       | 2.49  | 48.80       | 3.79  | 52.20       | 4.11  | 55.60       | 4.47  | 59.20       | 4.88  | 63.00       | 5.53  |
|        | 20                               | 21.40                        | 1.50  | 34.40       | 2.64  | 48.80       | 4.21  | 52.20       | 4.61  | 55.60       | 5.11  | 59.20       | 5.73  | 63.00       | 6.67  |
|        | 21                               | 24.30                        | 1.87  | 37.10       | 3.29  | 51.30       | 5.59  | 54.70       | 6.05  | 58.10       | 6.62  | 61.40       | 7.12  | 65.00       | 7.70  |
|        | 23                               | 29.90                        | 4.53  | 42.50       | 5.75  | 56.70       | 7.35  | 59.90       | 7.72  | 63.20       | 8.30  | 66.10       | 8.72  | 69.30       | 9.41  |
|        | 25                               | 35.80                        | 5.68  | 48.20       | 7.09  | 62.30       | 9.19  | 65.30       | 9.69  | 68.40       | 10.35 | 70.80       | 10.81 | 73.60       | 11.62 |
|        | 27                               | 41.80                        | 7.18  | 54.00       | 8.99  | 67.90       | 11.66 | 70.70       | 12.36 | 73.70       | 13.01 | 75.60       | 13.44 | 82.20       | 15.41 |
|        | 29                               | 47.90                        | 9.19  | 59.80       | 11.48 | 73.60       | 14.55 | 76.30       | 15.22 | 79.00       | 15.93 | 83.90       | 17.20 | 97.30       | 21.69 |
|        | 31                               | 54.20                        | 11.60 | 65.90       | 14.20 | 79.60       | 17.87 | 82.10       | 18.61 | 89.10       | 20.81 | 99.30       | 24.26 | 112.3       | 29.71 |
|        | 33                               | 60.70                        | 14.62 | 72.10       | 17.60 | 85.70       | 21.96 | 94.20       | 25.08 | 104.8       | 29.22 | 114.7       | 32.82 | 127.3       | 38.68 |
|        | 35                               | 67.20                        | 18.46 | 78.50       | 21.80 | 100.4       | 30.49 | 110.0       | 34.19 | 120.4       | 38.57 | 129.8       | 42.43 | 138.1       | 46.26 |
|        | 37                               | 67.20                        | 19.67 | 78.50       | 23.22 | 100.4       | 32.35 | 109.8       | 36.05 | 120.5       | 40.72 | 129.8       | 44.61 | 131.9       | 45.99 |
|        | 39                               | 67.20                        | 20.95 | 78.50       | 24.74 | 100.3       | 33.36 | 109.9       | 37.47 | 120.5       | 42.44 | 125.1       | 44.39 | 123.5       | 45.15 |
|        | 41                               | 67.20                        | 22.31 | 78.50       | 26.01 | 100.4       | 34.74 | 109.9       | 39.10 | 115.7       | 41.91 | 115.7       | 41.91 | 114.1       | 42.23 |
|        | 43                               | 67.20                        | 23.50 | 78.50       | 26.34 | 100.4       | 36.07 | 106.6       | 39.03 | 106.6       | 39.01 | 106.4       | 38.98 | 105.2       | 39.39 |
|        | 46                               | 67.20                        | 24.60 | 78.50       | 28.08 | 93.50       | 35.44 | 93.40       | 35.42 | 93.50       | 35.41 | 93.40       | 35.42 | 92.20       | 35.71 |
|        | 48                               | 67.20                        | 25.76 | 78.40       | 30.22 | 85.20       | 33.85 | 85.30       | 33.95 | 85.90       | 34.18 | 85.00       | 33.81 | 84.00       | 34.17 |
|        | 50                               | 67.30                        | 27.14 | 77.40       | 31.62 | 77.30       | 31.60 | 77.40       | 31.64 | 77.30       | 31.58 | 77.20       | 31.57 | 76.20       | 31.97 |
|        | 52                               | 66.60                        | 28.24 | 68.20       | 27.79 | 68.80       | 27.01 | 68.90       | 26.80 | 69.20       | 26.67 | 69.20       | 26.54 | 68.90       | 26.75 |
| 120    | 10                               | 19.80                        | 1.39  | 31.80       | 2.23  | 45.00       | 3.21  | 48.20       | 3.46  | 51.30       | 3.71  | 54.70       | 3.91  | 58.10       | 4.19  |
|        | 12                               | 19.80                        | 1.40  | 31.80       | 2.24  | 45.00       | 3.23  | 48.20       | 3.48  | 51.30       | 3.74  | 54.70       | 3.97  | 58.10       | 4.28  |
|        | 14                               | 19.80                        | 1.33  | 31.80       | 2.25  | 45.00       | 3.26  | 48.20       | 3.52  | 51.30       | 3.79  | 54.70       | 4.04  | 58.10       | 4.39  |
|        | 16                               | 19.80                        | 1.29  | 31.80       | 2.23  | 45.00       | 3.32  | 48.20       | 3.60  | 51.30       | 3.85  | 54.70       | 4.11  | 58.10       | 4.54  |
|        | 18                               | 19.80                        | 1.31  | 31.80       | 2.28  | 45.00       | 3.46  | 48.20       | 3.73  | 51.30       | 4.01  | 54.70       | 4.35  | 58.10       | 4.86  |
|        | 20                               | 19.80                        | 1.34  | 31.80       | 2.38  | 45.00       | 3.77  | 48.20       | 4.14  | 51.30       | 4.49  | 54.70       | 4.97  | 58.10       | 5.82  |
|        | 21                               | 22.40                        | 1.64  | 34.20       | 2.92  | 47.50       | 4.94  | 50.50       | 5.47  | 53.70       | 5.88  | 56.70       | 6.39  | 60.10       | 7.10  |
|        | 23                               | 27.70                        | 4.27  | 39.30       | 5.43  | 52.40       | 6.85  | 55.30       | 7.18  | 58.30       | 7.51  | 61.00       | 7.95  | 63.90       | 8.59  |
|        | 25                               | 33.10                        | 5.28  | 44.50       | 6.65  | 57.40       | 8.46  | 60.20       | 8.88  | 63.20       | 9.32  | 65.30       | 9.82  | 67.90       | 10.52 |
|        | 27                               | 38.50                        | 6.71  | 49.80       | 8.25  | 62.60       | 10.67 | 65.30       | 11.13 | 68.00       | 11.78 | 69.80       | 12.17 | 75.90       | 13.85 |
|        | 29                               | 44.20                        | 8.52  | 55.30       | 10.40 | 68.00       | 13.23 | 70.40       | 13.80 | 73.10       | 14.42 | 77.50       | 15.52 | 89.80       | 19.37 |
|        | 31                               | 50.00                        | 10.71 | 60.80       | 12.89 | 73.40       | 16.16 | 75.70       | 16.79 | 82.30       | 18.68 | 91.60       | 21.64 | 103.7       | 26.63 |
|        | 33                               | 56.00                        | 13.32 | 66.60       | 15.97 | 79.00       | 19.75 | 86.90       | 22.43 | 96.80       | 26.07 | 105.8       | 29.58 | 117.6       | 34.74 |
|        | 35                               | 62.10                        | 16.79 | 72.50       | 19.69 | 92.70       | 27.33 | 101.4       | 30.88 | 111.2       | 34.72 | 119.9       | 38.34 | 130.8       | 43.40 |
|        | 37                               | 62.10                        | 17.89 | 72.50       | 20.98 | 92.70       | 29.12 | 101.5       | 32.79 | 111.2       | 36.62 | 119.9       | 40.47 | 129.9       | 45.40 |
|        | 39                               | 62.10                        | 19.05 | 72.50       | 22.34 | 92.70       | 30.47 | 101.4       | 33.80 | 111.2       | 38.06 | 119.9       | 42.15 | 123.5       | 44.77 |
|        | 41                               | 62.10                        | 20.29 | 72.50       | 23.80 | 92.70       | 31.46 | 101.4       | 35.21 | 111.2       | 39.74 | 115.6       | 41.91 | 114.2       | 42.24 |
|        | 43                               | 62.10                        | 21.62 | 72.50       | 24.31 | 92.70       | 32.60 | 101.5       | 36.57 | 106.6       | 39.00 | 106.6       | 39.00 | 105.0       | 39.33 |
|        | 46                               | 62.10                        | 23.10 | 72.40       | 25.30 | 92.70       | 35.04 | 93.50       | 35.43 | 93.40       | 35.40 | 93.40       | 35.41 | 92.30       | 35.74 |
|        | 48                               | 62.10                        | 24.12 | 72.50       | 27.21 | 85.20       | 33.89 | 85.20       | 33.87 | 85.10       | 33.88 | 85.10       | 33.82 | 84.10       | 34.22 |
|        | 50                               | 62.10                        | 24.90 | 72.50       | 28.98 | 77.40       | 31.64 | 77.40       | 31.62 | 77.20       | 31.62 | 76.30       | 31.31 | 76.30       | 31.99 |
|        | 52                               | 62.10                        | 25.66 | 68.00       | 28.08 | 68.60       | 27.29 | 68.70       | 27.15 | 68.80       | 27.00 | 68.90       | 26.85 | 68.60       | 27.15 |
| 110    | 10                               | 18.20                        | 1.27  | 29.10       | 2.04  | 41.20       | 2.92  | 44.10       | 3.15  | 47.00       | 3.37  | 50.10       | 3.61  | 53.30       | 3.89  |
|        | 12                               | 18.20                        | 1.26  | 29.10       | 2.04  | 41.20       | 2.93  | 44.10       | 3.17  | 47.00       | 3.39  | 50.10       | 3.64  | 53.30       | 3.94  |
|        | 14                               | 18.20                        | 1.19  | 29.10       | 2.01  | 41.20       | 2.96  | 44.10       | 3.19  | 47.00       | 3.43  | 50.10       | 3.68  | 53.30       | 3.99  |
|        | 16                               | 18.20                        | 1.15  | 29.10       | 2.01  | 41.20       | 3.00  | 44.10       | 3.25  | 47.00       | 3.50  | 50.10       | 3.74  | 53.30       | 4.08  |
|        | 18                               | 18.20                        | 1.15  | 29.10       | 2.03  | 41.20       | 3.09  | 44.10       | 3.38  | 47.00       | 3.62  | 50.10       | 3.91  | 53.30       | 4.31  |
|        | 20                               | 18.20                        | 1.18  | 29.10       | 2.11  | 41.20       | 3.35  | 44.10       | 3.67  | 47.00       | 4.00  | 50.10       | 4.36  | 53.30       | 4.98  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 20.50                        | 1.43  | 31.40       | 2.55  | 43.50       | 4.26  | 46.30       | 4.75  | 49.10       | 5.24  | 52.00       | 5.67  | 55.00       | 6.43  |
|        | 23                              | 25.40                        | 3.96  | 36.00       | 5.07  | 48.00       | 6.37  | 50.70       | 6.65  | 53.40       | 6.95  | 55.90       | 7.22  | 58.50       | 7.72  |
|        | 25                              | 30.30                        | 4.90  | 40.70       | 6.17  | 52.70       | 7.71  | 55.30       | 8.14  | 57.80       | 8.50  | 59.90       | 8.81  | 62.30       | 9.44  |
|        | 27                              | 35.30                        | 6.16  | 45.60       | 7.61  | 57.40       | 9.68  | 59.80       | 10.07 | 62.30       | 10.54 | 63.90       | 10.85 | 69.50       | 12.43 |
|        | 29                              | 40.50                        | 7.86  | 50.60       | 9.50  | 62.30       | 12.00 | 64.60       | 12.48 | 66.90       | 13.02 | 71.00       | 13.95 | 82.30       | 17.23 |
|        | 31                              | 45.90                        | 9.83  | 55.70       | 11.72 | 67.30       | 14.55 | 69.50       | 15.10 | 75.40       | 16.71 | 84.10       | 19.22 | 95.00       | 23.43 |
|        | 33                              | 51.30                        | 12.17 | 61.00       | 14.37 | 72.40       | 17.69 | 79.70       | 19.97 | 88.70       | 23.06 | 96.90       | 26.16 | 107.7       | 31.00 |
|        | 35                              | 56.90                        | 15.07 | 66.40       | 17.71 | 84.90       | 24.22 | 93.00       | 27.47 | 101.9       | 31.08 | 109.8       | 34.21 | 120.3       | 39.47 |
|        | 37                              | 56.90                        | 16.20 | 66.40       | 18.85 | 84.90       | 25.80 | 93.00       | 29.27 | 101.9       | 32.99 | 109.9       | 36.33 | 120.4       | 41.70 |
|        | 39                              | 56.90                        | 17.26 | 66.40       | 20.09 | 84.90       | 27.49 | 93.00       | 30.76 | 101.9       | 34.04 | 109.8       | 37.49 | 120.4       | 43.32 |
|        | 41                              | 56.90                        | 18.38 | 66.40       | 21.40 | 84.90       | 28.63 | 93.00       | 31.62 | 102.0       | 35.44 | 109.8       | 39.11 | 114.2       | 42.25 |
|        | 43                              | 56.90                        | 19.59 | 66.40       | 22.30 | 84.90       | 29.01 | 92.90       | 32.73 | 102.0       | 36.82 | 106.5       | 39.03 | 105.3       | 39.39 |
|        | 46                              | 56.90                        | 21.19 | 66.40       | 23.17 | 84.80       | 31.32 | 92.90       | 35.19 | 93.50       | 35.45 | 93.30       | 35.41 | 92.10       | 35.75 |
|        | 48                              | 56.90                        | 22.32 | 66.40       | 24.44 | 84.90       | 33.73 | 85.10       | 33.84 | 85.30       | 33.90 | 85.10       | 33.86 | 84.00       | 34.17 |
|        | 50                              | 56.90                        | 23.19 | 66.30       | 25.99 | 77.30       | 31.64 | 77.30       | 31.62 | 77.30       | 31.64 | 77.30       | 31.59 | 76.30       | 31.99 |
| 100    | 52                              | 57.00                        | 23.04 | 66.30       | 27.50 | 68.30       | 27.69 | 68.30       | 27.49 | 68.50       | 27.39 | 67.80       | 27.02 | 68.40       | 27.37 |
|        | 10                              | 16.50                        | 1.15  | 26.50       | 1.85  | 37.50       | 2.65  | 40.10       | 2.84  | 42.80       | 3.04  | 45.50       | 3.25  | 48.40       | 3.51  |
|        | 12                              | 16.50                        | 1.12  | 26.50       | 1.85  | 37.50       | 2.65  | 40.10       | 2.86  | 42.80       | 3.05  | 45.50       | 3.27  | 48.40       | 3.54  |
|        | 14                              | 16.50                        | 1.07  | 26.50       | 1.78  | 37.50       | 2.67  | 40.10       | 2.87  | 42.80       | 3.08  | 45.50       | 3.31  | 48.40       | 3.58  |
|        | 16                              | 16.50                        | 1.00  | 26.50       | 1.76  | 37.50       | 2.68  | 40.10       | 2.92  | 42.80       | 3.13  | 45.50       | 3.37  | 48.40       | 3.67  |
|        | 18                              | 16.50                        | 0.99  | 26.50       | 1.79  | 37.50       | 2.74  | 40.10       | 2.98  | 42.80       | 3.25  | 45.50       | 3.49  | 48.40       | 3.84  |
|        | 20                              | 16.50                        | 1.03  | 26.50       | 1.85  | 37.50       | 2.93  | 40.10       | 3.21  | 42.80       | 3.51  | 45.50       | 3.83  | 48.40       | 4.36  |
|        | 21                              | 18.70                        | 1.24  | 28.60       | 2.19  | 39.60       | 3.63  | 42.10       | 4.03  | 44.70       | 4.47  | 47.30       | 4.91  | 50.10       | 5.70  |
|        | 23                              | 23.00                        | 3.68  | 32.80       | 4.68  | 43.70       | 5.88  | 46.10       | 6.12  | 48.60       | 6.42  | 50.80       | 6.66  | 53.30       | 7.07  |
|        | 25                              | 27.50                        | 4.47  | 37.10       | 5.69  | 47.90       | 7.08  | 50.20       | 7.38  | 52.60       | 7.76  | 54.50       | 8.01  | 56.60       | 8.50  |
|        | 27                              | 32.10                        | 5.60  | 41.50       | 7.00  | 52.20       | 8.64  | 54.40       | 9.14  | 56.70       | 9.55  | 58.10       | 9.83  | 63.20       | 10.98 |
|        | 29                              | 36.80                        | 7.16  | 46.10       | 8.65  | 56.70       | 10.69 | 58.70       | 11.24 | 60.90       | 11.71 | 64.60       | 12.50 | 74.90       | 15.25 |
|        | 31                              | 41.60                        | 9.00  | 50.70       | 10.61 | 61.20       | 13.06 | 63.10       | 13.51 | 68.60       | 14.89 | 76.30       | 16.98 | 86.40       | 20.50 |
|        | 33                              | 46.60                        | 11.03 | 55.50       | 12.91 | 65.90       | 15.78 | 72.50       | 17.70 | 80.60       | 20.28 | 88.10       | 22.87 | 98.00       | 27.33 |
|        | 35                              | 51.70                        | 13.58 | 60.30       | 15.85 | 77.20       | 21.35 | 84.60       | 24.05 | 92.70       | 27.34 | 99.90       | 30.31 | 109.5       | 34.86 |
| 90     | 37                              | 51.70                        | 14.49 | 60.30       | 16.88 | 77.20       | 22.74 | 84.60       | 25.63 | 92.70       | 29.13 | 99.90       | 32.17 | 109.5       | 37.03 |
|        | 39                              | 51.70                        | 15.57 | 60.30       | 17.97 | 77.20       | 24.23 | 84.60       | 27.31 | 92.70       | 30.82 | 99.90       | 33.32 | 109.5       | 38.21 |
|        | 41                              | 51.70                        | 16.59 | 60.30       | 19.15 | 77.20       | 25.81 | 84.60       | 28.62 | 92.70       | 31.69 | 99.90       | 34.56 | 109.5       | 39.89 |
|        | 43                              | 51.70                        | 17.68 | 60.30       | 20.28 | 77.20       | 26.25 | 84.60       | 28.99 | 92.60       | 32.62 | 99.90       | 35.86 | 105.4       | 39.42 |
|        | 46                              | 51.70                        | 19.33 | 60.30       | 21.34 | 77.10       | 27.49 | 84.60       | 31.11 | 92.60       | 35.03 | 93.50       | 35.43 | 92.20       | 35.75 |
|        | 48                              | 51.70                        | 20.37 | 60.30       | 22.33 | 77.20       | 29.56 | 84.40       | 33.54 | 85.20       | 33.88 | 85.20       | 33.84 | 84.00       | 34.16 |
|        | 50                              | 51.70                        | 21.31 | 60.30       | 23.25 | 77.20       | 31.54 | 77.40       | 31.61 | 77.40       | 31.63 | 77.40       | 31.63 | 76.20       | 31.94 |
|        | 52                              | 51.70                        | 21.21 | 60.40       | 24.36 | 67.40       | 27.94 | 68.10       | 27.90 | 68.30       | 27.64 | 68.60       | 27.43 | 68.30       | 27.55 |
|        | 10                              | 14.90                        | 1.04  | 23.80       | 1.66  | 33.70       | 2.37  | 36.10       | 2.55  | 38.50       | 2.72  | 41.00       | 2.90  | 43.60       | 3.13  |
|        | 12                              | 14.90                        | 0.97  | 23.80       | 1.66  | 33.70       | 2.38  | 36.10       | 2.55  | 38.50       | 2.73  | 41.00       | 2.92  | 43.60       | 3.15  |
|        | 14                              | 14.90                        | 0.92  | 23.80       | 1.57  | 33.70       | 2.34  | 36.10       | 2.57  | 38.50       | 2.76  | 41.00       | 2.95  | 43.60       | 3.18  |
|        | 16                              | 14.90                        | 0.88  | 23.80       | 1.50  | 33.70       | 2.35  | 36.10       | 2.58  | 38.50       | 2.79  | 41.00       | 2.98  | 43.60       | 3.25  |
|        | 18                              | 14.90                        | 0.84  | 23.80       | 1.53  | 33.70       | 2.39  | 36.10       | 2.61  | 38.50       | 2.82  | 41.00       | 3.07  | 43.60       | 3.37  |
|        | 20                              | 14.90                        | 0.87  | 23.80       | 1.59  | 33.70       | 2.53  | 36.10       | 2.79  | 38.50       | 3.02  | 41.00       | 3.32  | 43.60       | 3.75  |
|        | 21                              | 16.80                        | 1.04  | 25.70       | 1.86  | 35.60       | 3.05  | 37.90       | 3.39  | 40.20       | 3.75  | 42.60       | 4.12  | 45.00       | 4.92  |
|        | 23                              | 20.70                        | 3.36  | 29.50       | 4.28  | 39.20       | 5.37  | 41.50       | 5.66  | 43.70       | 5.87  | 45.70       | 6.12  | 47.90       | 6.47  |
|        | 25                              | 24.80                        | 4.08  | 33.30       | 5.15  | 43.00       | 6.46  | 45.20       | 6.74  | 47.30       | 6.97  | 49.00       | 7.28  | 51.00       | 7.69  |
|        | 27                              | 28.90                        | 5.01  | 37.30       | 6.36  | 47.00       | 7.80  | 48.90       | 8.11  | 50.90       | 8.47  | 52.40       | 8.80  | 56.90       | 9.82  |
|        | 29                              | 33.10                        | 6.38  | 41.40       | 7.83  | 50.90       | 9.59  | 52.80       | 9.96  | 54.70       | 10.45 | 58.10       | 11.13 | 67.40       | 13.43 |
|        | 31                              | 37.60                        | 8.20  | 45.60       | 9.58  | 55.00       | 11.58 | 56.80       | 12.06 | 61.70       | 13.19 | 68.80       | 14.93 | 77.80       | 17.84 |
|        | 33                              | 41.90                        | 10.00 | 49.90       | 11.57 | 59.20       | 13.99 | 65.20       | 15.60 | 72.50       | 17.74 | 79.40       | 19.87 | 88.20       | 23.51 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 46.60                        | 12.18 | 54.40       | 14.00 | 69.50       | 18.69 | 76.10       | 20.94 | 83.30       | 23.62 | 90.00       | 26.19 | 98.50       | 30.51 |
|        | 37                              | 46.60                        | 12.98 | 54.40       | 15.03 | 69.50       | 19.92 | 76.10       | 22.30 | 83.30       | 25.17 | 90.00       | 27.92 | 98.50       | 32.39 |
|        | 39                              | 46.60                        | 13.88 | 54.40       | 16.01 | 69.50       | 21.22 | 76.10       | 23.76 | 83.30       | 26.81 | 90.00       | 29.77 | 98.50       | 34.10 |
|        | 41                              | 46.60                        | 14.80 | 54.40       | 17.05 | 69.50       | 22.62 | 76.10       | 25.33 | 83.30       | 28.33 | 90.00       | 30.90 | 98.50       | 35.01 |
|        | 43                              | 46.60                        | 15.87 | 54.40       | 18.18 | 69.50       | 23.55 | 76.10       | 25.96 | 83.30       | 28.72 | 89.90       | 31.44 | 98.50       | 36.12 |
|        | 46                              | 46.60                        | 17.46 | 54.40       | 19.58 | 69.50       | 24.48 | 76.00       | 26.95 | 83.50       | 30.52 | 89.80       | 33.74 | 92.30       | 35.77 |
|        | 48                              | 46.60                        | 18.45 | 54.40       | 20.62 | 69.50       | 25.82 | 76.00       | 28.99 | 83.40       | 32.91 | 85.20       | 33.89 | 84.20       | 34.24 |
|        | 50                              | 46.60                        | 19.33 | 54.40       | 21.32 | 69.50       | 27.48 | 76.00       | 30.90 | 77.40       | 31.62 | 77.40       | 31.62 | 76.40       | 32.00 |
|        | 52                              | 46.60                        | 19.79 | 54.30       | 21.43 | 67.80       | 28.35 | 68.10       | 28.12 | 68.20       | 27.85 | 68.30       | 27.64 | 68.00       | 27.78 |
| 80     | 10                              | 13.20                        | 0.93  | 21.20       | 1.47  | 30.00       | 2.10  | 32.10       | 2.25  | 34.20       | 2.40  | 36.40       | 2.57  | 38.70       | 2.76  |
|        | 12                              | 13.20                        | 0.82  | 21.20       | 1.45  | 30.00       | 2.10  | 32.10       | 2.26  | 34.20       | 2.42  | 36.40       | 2.58  | 38.70       | 2.78  |
|        | 14                              | 13.20                        | 0.79  | 21.20       | 1.37  | 30.00       | 2.02  | 32.10       | 2.20  | 34.20       | 2.39  | 36.40       | 2.59  | 38.70       | 2.80  |
|        | 16                              | 13.20                        | 0.75  | 21.20       | 1.28  | 30.00       | 1.99  | 32.10       | 2.20  | 34.20       | 2.41  | 36.40       | 2.60  | 38.70       | 2.84  |
|        | 18                              | 13.20                        | 0.73  | 21.20       | 1.29  | 30.00       | 2.04  | 32.10       | 2.24  | 34.20       | 2.45  | 36.40       | 2.65  | 38.70       | 2.91  |
|        | 20                              | 13.20                        | 0.72  | 21.20       | 1.33  | 30.00       | 2.13  | 32.10       | 2.35  | 34.20       | 2.59  | 36.40       | 2.81  | 38.70       | 3.16  |
|        | 21                              | 14.90                        | 0.86  | 22.90       | 1.53  | 31.70       | 2.51  | 33.70       | 2.79  | 35.80       | 3.09  | 37.80       | 3.39  | 40.10       | 3.99  |
|        | 23                              | 18.40                        | 2.91  | 26.30       | 3.86  | 34.90       | 4.85  | 36.90       | 5.12  | 38.90       | 5.36  | 40.70       | 5.58  | 42.60       | 5.90  |
|        | 25                              | 22.00                        | 3.65  | 29.70       | 4.61  | 38.30       | 5.80  | 40.10       | 6.08  | 42.10       | 6.36  | 43.60       | 6.54  | 45.30       | 6.85  |
|        | 27                              | 25.70                        | 4.48  | 33.20       | 5.63  | 41.80       | 7.05  | 43.50       | 7.30  | 45.30       | 7.56  | 46.50       | 7.75  | 50.60       | 8.57  |
|        | 29                              | 29.50                        | 5.67  | 36.90       | 7.00  | 45.30       | 8.51  | 46.90       | 8.83  | 48.70       | 9.16  | 51.70       | 9.75  | 59.90       | 11.70 |
|        | 31                              | 33.30                        | 7.29  | 40.50       | 8.61  | 49.00       | 10.28 | 50.40       | 10.60 | 54.90       | 11.55 | 61.10       | 13.05 | 69.10       | 15.41 |
|        | 33                              | 37.30                        | 8.96  | 44.40       | 10.31 | 52.70       | 12.26 | 57.90       | 13.59 | 64.50       | 15.40 | 70.50       | 17.13 | 78.40       | 20.07 |
|        | 35                              | 41.40                        | 10.84 | 48.30       | 12.37 | 61.80       | 16.27 | 67.60       | 18.09 | 74.10       | 20.28 | 80.00       | 22.33 | 87.60       | 25.99 |
|        | 37                              | 41.40                        | 11.57 | 48.30       | 13.19 | 61.80       | 17.33 | 67.60       | 19.27 | 74.10       | 21.59 | 80.00       | 23.79 | 87.60       | 27.70 |
|        | 39                              | 41.40                        | 12.33 | 48.30       | 14.17 | 61.80       | 18.45 | 67.60       | 20.53 | 74.10       | 22.99 | 80.00       | 25.35 | 87.60       | 29.52 |
|        | 41                              | 41.40                        | 13.17 | 48.30       | 15.09 | 61.80       | 19.67 | 67.60       | 21.88 | 74.10       | 24.51 | 80.00       | 27.01 | 87.60       | 31.30 |
|        | 43                              | 41.40                        | 14.08 | 48.30       | 16.08 | 61.80       | 20.95 | 67.60       | 22.91 | 74.10       | 25.34 | 80.00       | 27.55 | 87.60       | 31.76 |
|        | 46                              | 41.40                        | 15.60 | 48.30       | 17.58 | 61.80       | 22.08 | 67.60       | 23.90 | 74.10       | 26.32 | 79.90       | 28.80 | 87.50       | 33.49 |
|        | 48                              | 41.40                        | 16.63 | 48.30       | 18.54 | 61.80       | 23.10 | 67.60       | 25.11 | 74.10       | 28.04 | 79.90       | 31.00 | 84.20       | 34.24 |
|        | 50                              | 41.40                        | 17.74 | 48.30       | 19.40 | 61.70       | 23.89 | 67.60       | 26.57 | 74.10       | 29.86 | 77.40       | 31.62 | 76.30       | 31.99 |
|        | 52                              | 41.40                        | 18.93 | 48.30       | 19.28 | 61.70       | 25.03 | 66.90       | 27.80 | 68.10       | 28.18 | 68.10       | 27.91 | 67.80       | 28.07 |
| 70     | 10                              | 11.50                        | 0.81  | 18.50       | 1.29  | 26.30       | 1.83  | 28.10       | 1.96  | 29.90       | 2.10  | 31.90       | 2.23  | 33.90       | 2.40  |
|        | 12                              | 11.50                        | 0.68  | 18.50       | 1.20  | 26.30       | 1.81  | 28.10       | 1.96  | 29.90       | 2.10  | 31.90       | 2.25  | 33.90       | 2.42  |
|        | 14                              | 11.50                        | 0.66  | 18.50       | 1.15  | 26.30       | 1.72  | 28.10       | 1.86  | 29.90       | 2.02  | 31.90       | 2.19  | 33.90       | 2.39  |
|        | 16                              | 11.50                        | 0.63  | 18.50       | 1.08  | 26.30       | 1.64  | 28.10       | 1.81  | 29.90       | 2.00  | 31.90       | 2.18  | 33.90       | 2.39  |
|        | 18                              | 11.50                        | 0.61  | 18.50       | 1.05  | 26.30       | 1.67  | 28.10       | 1.85  | 29.90       | 2.04  | 31.90       | 2.23  | 33.90       | 2.44  |
|        | 20                              | 11.50                        | 0.60  | 18.50       | 1.08  | 26.30       | 1.73  | 28.10       | 1.94  | 29.90       | 2.13  | 31.90       | 2.34  | 33.90       | 2.61  |
|        | 21                              | 13.10                        | 0.69  | 20.00       | 1.23  | 27.70       | 2.00  | 29.50       | 2.24  | 31.30       | 2.49  | 33.10       | 2.73  | 35.00       | 3.17  |
|        | 23                              | 16.20                        | 2.26  | 22.90       | 3.32  | 30.60       | 4.30  | 32.20       | 4.54  | 34.00       | 4.79  | 35.60       | 4.99  | 37.30       | 5.29  |
|        | 25                              | 19.20                        | 3.23  | 25.90       | 4.08  | 33.50       | 5.11  | 35.10       | 5.39  | 36.80       | 5.66  | 38.10       | 5.86  | 39.60       | 6.17  |
|        | 27                              | 22.50                        | 3.92  | 29.00       | 4.94  | 36.50       | 6.15  | 38.10       | 6.48  | 39.60       | 6.77  | 40.70       | 6.89  | 44.30       | 7.55  |
|        | 29                              | 25.80                        | 4.91  | 32.20       | 6.13  | 39.60       | 7.54  | 41.00       | 7.78  | 42.70       | 8.06  | 45.20       | 8.52  | 52.40       | 10.07 |
|        | 31                              | 29.10                        | 6.30  | 35.50       | 7.66  | 42.80       | 9.04  | 44.10       | 9.32  | 47.90       | 10.07 | 53.50       | 11.22 | 60.50       | 13.11 |
|        | 33                              | 32.70                        | 7.93  | 38.80       | 9.11  | 46.10       | 10.70 | 50.70       | 11.76 | 56.40       | 13.17 | 61.70       | 14.54 | 68.60       | 16.98 |
|        | 35                              | 36.30                        | 9.61  | 42.20       | 10.83 | 54.00       | 13.91 | 59.20       | 15.41 | 64.90       | 17.22 | 69.90       | 18.85 | 76.60       | 21.73 |
|        | 37                              | 36.30                        | 10.24 | 42.20       | 11.55 | 54.00       | 14.94 | 59.20       | 16.49 | 64.90       | 18.34 | 69.90       | 20.07 | 76.60       | 23.13 |
|        | 39                              | 36.30                        | 10.90 | 42.20       | 12.34 | 54.00       | 15.92 | 59.20       | 17.58 | 64.90       | 19.54 | 69.90       | 21.38 | 76.60       | 24.65 |
|        | 41                              | 36.30                        | 11.63 | 42.20       | 13.17 | 54.00       | 16.96 | 59.20       | 18.73 | 64.90       | 20.81 | 69.90       | 22.78 | 76.60       | 26.27 |
|        | 43                              | 36.30                        | 12.46 | 42.20       | 14.14 | 54.00       | 18.07 | 59.20       | 19.95 | 64.90       | 22.04 | 69.90       | 23.85 | 76.60       | 27.38 |
|        | 46                              | 36.30                        | 13.77 | 42.20       | 15.56 | 54.00       | 19.60 | 59.20       | 21.41 | 64.90       | 23.23 | 69.90       | 24.88 | 76.60       | 28.46 |
|        | 48                              | 36.30                        | 14.77 | 42.20       | 16.47 | 54.00       | 20.65 | 59.20       | 22.55 | 64.90       | 24.31 | 69.90       | 26.14 | 76.60       | 30.14 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 36.30                        | 15.76 | 42.20       | 17.26 | 54.00       | 21.59 | 59.20       | 23.21 | 64.80       | 25.28 | 70.00       | 27.72 | 76.30       | 32.00 |
|        | 52                              | 36.30                        | 16.82 | 42.20       | 17.67 | 54.00       | 21.27 | 59.20       | 23.66 | 64.80       | 26.67 | 68.00       | 28.35 | 67.60       | 28.50 |
| 60     | 10                              | 9.90                         | 0.70  | 15.90       | 1.10  | 22.50       | 1.57  | 24.10       | 1.68  | 25.70       | 1.79  | 27.40       | 1.91  | 29.00       | 2.05  |
|        | 12                              | 9.90                         | 0.56  | 15.90       | 0.97  | 22.50       | 1.48  | 24.10       | 1.64  | 25.70       | 1.78  | 27.40       | 1.91  | 29.00       | 2.06  |
|        | 14                              | 9.90                         | 0.54  | 15.90       | 0.93  | 22.50       | 1.42  | 24.10       | 1.55  | 25.70       | 1.69  | 27.40       | 1.82  | 29.00       | 1.96  |
|        | 16                              | 9.90                         | 0.53  | 15.90       | 0.89  | 22.50       | 1.35  | 24.10       | 1.46  | 25.70       | 1.61  | 27.40       | 1.74  | 29.00       | 1.93  |
|        | 18                              | 9.90                         | 0.51  | 15.90       | 0.85  | 22.50       | 1.32  | 24.10       | 1.47  | 25.70       | 1.62  | 27.40       | 1.79  | 29.00       | 1.96  |
|        | 20                              | 9.90                         | 0.48  | 15.90       | 0.86  | 22.50       | 1.37  | 24.10       | 1.53  | 25.70       | 1.70  | 27.40       | 1.87  | 29.00       | 2.09  |
|        | 21                              | 11.20                        | 0.55  | 17.10       | 0.95  | 23.70       | 1.56  | 25.20       | 1.73  | 26.80       | 1.93  | 28.40       | 2.12  | 30.00       | 2.44  |
|        | 23                              | 13.80                        | 1.49  | 19.60       | 2.47  | 26.20       | 3.75  | 27.70       | 3.98  | 29.10       | 4.19  | 30.50       | 4.37  | 32.00       | 4.65  |
|        | 25                              | 16.90                        | 2.89  | 22.30       | 3.54  | 28.70       | 4.39  | 30.10       | 4.65  | 31.50       | 4.90  | 32.70       | 5.12  | 34.00       | 5.38  |
|        | 27                              | 19.20                        | 3.42  | 24.90       | 4.23  | 31.30       | 5.26  | 32.60       | 5.56  | 34.00       | 5.84  | 34.90       | 6.05  | 38.00       | 6.61  |
|        | 29                              | 22.10                        | 4.20  | 27.60       | 5.19  | 34.00       | 6.44  | 35.30       | 6.76  | 36.50       | 7.04  | 38.70       | 7.41  | 45.00       | 8.63  |
|        | 31                              | 25.00                        | 5.33  | 30.40       | 6.58  | 36.70       | 7.91  | 37.80       | 8.12  | 41.20       | 8.75  | 45.90       | 9.64  | 51.80       | 11.09 |
|        | 33                              | 28.00                        | 6.91  | 33.30       | 7.98  | 39.50       | 9.27  | 43.50       | 10.12 | 48.40       | 11.21 | 52.90       | 12.29 | 58.80       | 14.09 |
|        | 35                              | 31.10                        | 8.35  | 36.20       | 9.40  | 46.20       | 11.86 | 50.80       | 12.98 | 55.60       | 14.33 | 60.00       | 15.62 | 65.70       | 17.94 |
|        | 37                              | 31.10                        | 8.86  | 36.20       | 10.02 | 46.20       | 12.65 | 50.80       | 13.85 | 55.60       | 15.32 | 60.00       | 16.74 | 65.70       | 19.09 |
|        | 39                              | 31.10                        | 9.48  | 36.20       | 10.68 | 46.20       | 13.51 | 50.80       | 14.89 | 55.60       | 16.40 | 60.00       | 17.85 | 65.70       | 20.34 |
|        | 41                              | 31.10                        | 10.12 | 36.20       | 11.42 | 46.20       | 14.49 | 50.80       | 15.87 | 55.60       | 17.48 | 60.00       | 19.01 | 65.70       | 21.67 |
|        | 43                              | 31.10                        | 10.81 | 36.20       | 12.18 | 46.20       | 15.43 | 50.80       | 16.91 | 55.60       | 18.63 | 60.00       | 20.25 | 65.70       | 23.09 |
|        | 46                              | 31.10                        | 11.95 | 36.20       | 13.56 | 46.20       | 16.98 | 50.80       | 18.49 | 55.60       | 20.21 | 60.00       | 21.78 | 65.70       | 24.67 |
|        | 48                              | 31.10                        | 12.76 | 36.20       | 14.47 | 46.20       | 17.93 | 50.80       | 19.50 | 55.60       | 21.28 | 60.00       | 22.93 | 65.70       | 25.76 |
|        | 50                              | 31.10                        | 13.79 | 36.20       | 15.45 | 46.20       | 18.76 | 50.80       | 20.40 | 55.60       | 22.25 | 60.00       | 23.67 | 65.70       | 26.62 |
|        | 52                              | 31.10                        | 14.77 | 36.20       | 16.49 | 46.20       | 19.20 | 50.80       | 20.29 | 55.60       | 21.94 | 60.00       | 24.00 | 65.70       | 27.67 |
| 50     | 10                              | 8.30                         | 0.64  | 13.20       | 0.93  | 18.70       | 1.31  | 20.00       | 1.39  | 21.40       | 1.49  | 22.80       | 1.58  | 24.30       | 1.70  |
|        | 12                              | 8.30                         | 0.55  | 13.20       | 0.76  | 18.70       | 1.15  | 20.00       | 1.27  | 21.40       | 1.40  | 22.80       | 1.52  | 24.30       | 1.67  |
|        | 14                              | 8.30                         | 0.48  | 13.20       | 0.73  | 18.70       | 1.11  | 20.00       | 1.22  | 21.40       | 1.33  | 22.80       | 1.44  | 24.30       | 1.58  |
|        | 16                              | 8.30                         | 0.46  | 13.20       | 0.70  | 18.70       | 1.06  | 20.00       | 1.15  | 21.40       | 1.27  | 22.80       | 1.38  | 24.30       | 1.49  |
|        | 18                              | 8.30                         | 0.44  | 13.20       | 0.67  | 18.70       | 1.01  | 20.00       | 1.11  | 21.40       | 1.22  | 22.80       | 1.36  | 24.30       | 1.49  |
|        | 20                              | 8.30                         | 0.42  | 13.20       | 0.65  | 18.70       | 1.02  | 20.00       | 1.14  | 21.40       | 1.27  | 22.80       | 1.41  | 24.30       | 1.57  |
|        | 21                              | 9.40                         | 0.44  | 14.20       | 0.71  | 19.80       | 1.14  | 21.10       | 1.28  | 22.30       | 1.41  | 23.70       | 1.56  | 25.00       | 1.78  |
|        | 23                              | 11.50                        | 0.96  | 16.40       | 1.55  | 21.80       | 2.93  | 23.00       | 3.26  | 24.30       | 3.57  | 25.40       | 3.74  | 26.60       | 3.96  |
|        | 25                              | 15.30                        | 2.64  | 18.50       | 3.00  | 23.90       | 3.71  | 25.10       | 3.92  | 26.30       | 4.12  | 27.20       | 4.32  | 28.30       | 4.56  |
|        | 27                              | 16.30                        | 2.98  | 20.70       | 3.56  | 26.10       | 4.39  | 27.20       | 4.62  | 28.30       | 4.87  | 29.10       | 5.07  | 31.60       | 5.55  |
|        | 29                              | 18.40                        | 3.60  | 23.00       | 4.34  | 28.30       | 5.33  | 29.30       | 5.60  | 30.40       | 5.88  | 32.30       | 6.30  | 37.40       | 7.25  |
|        | 31                              | 20.90                        | 4.47  | 25.30       | 5.37  | 30.60       | 6.63  | 31.50       | 6.92  | 34.20       | 7.46  | 38.20       | 8.17  | 43.20       | 9.29  |
|        | 33                              | 23.30                        | 5.76  | 27.70       | 6.81  | 32.90       | 7.87  | 36.20       | 8.58  | 40.30       | 9.40  | 44.10       | 10.24 | 48.90       | 11.57 |
|        | 35                              | 25.90                        | 7.19  | 30.10       | 8.00  | 38.70       | 9.96  | 42.30       | 10.83 | 46.30       | 11.83 | 50.00       | 12.79 | 54.70       | 14.41 |
|        | 37                              | 25.90                        | 7.69  | 30.10       | 8.53  | 38.70       | 10.60 | 42.30       | 11.53 | 46.30       | 12.63 | 50.00       | 13.65 | 54.70       | 15.38 |
|        | 39                              | 25.90                        | 8.14  | 30.10       | 9.07  | 38.70       | 11.33 | 42.30       | 12.31 | 46.30       | 13.49 | 50.00       | 14.58 | 54.70       | 16.53 |
|        | 41                              | 25.90                        | 8.65  | 30.10       | 9.66  | 38.70       | 12.07 | 42.30       | 13.16 | 46.30       | 14.39 | 50.00       | 15.62 | 54.70       | 17.60 |
|        | 43                              | 25.90                        | 9.23  | 30.10       | 10.30 | 38.70       | 12.91 | 42.30       | 14.14 | 46.30       | 15.44 | 50.00       | 16.65 | 54.70       | 18.75 |
|        | 46                              | 25.90                        | 10.18 | 30.10       | 11.43 | 38.70       | 14.34 | 42.30       | 15.57 | 46.30       | 17.00 | 50.00       | 18.31 | 54.70       | 20.50 |
|        | 48                              | 25.90                        | 10.87 | 30.10       | 12.19 | 38.70       | 15.30 | 42.30       | 16.52 | 46.30       | 17.96 | 50.00       | 19.27 | 54.70       | 21.62 |
|        | 50                              | 25.90                        | 11.79 | 30.10       | 13.16 | 38.70       | 16.32 | 42.30       | 17.70 | 46.30       | 18.80 | 50.00       | 20.17 | 54.70       | 22.61 |
|        | 52                              | 25.90                        | 12.60 | 30.10       | 14.09 | 38.70       | 17.41 | 42.30       | 18.77 | 46.30       | 19.26 | 50.00       | 20.13 | 54.70       | 22.49 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM380LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 22.60                        | 1.47  | 36.30       | 2.36  | 51.50       | 3.37  | 55.10       | 3.63  | 58.70       | 3.88  | 62.50       | 4.15  | 66.50       | 4.49  |
|        | 12                               | 22.60                        | 1.47  | 36.30       | 2.37  | 51.50       | 3.40  | 55.10       | 3.66  | 58.70       | 3.92  | 62.50       | 4.19  | 66.50       | 4.51  |
|        | 14                               | 22.60                        | 1.42  | 36.30       | 2.35  | 51.50       | 3.44  | 55.10       | 3.72  | 58.70       | 3.92  | 62.50       | 4.20  | 66.50       | 4.61  |
|        | 16                               | 22.60                        | 1.37  | 36.30       | 2.38  | 51.50       | 3.52  | 55.10       | 3.76  | 58.70       | 4.01  | 62.50       | 4.32  | 66.50       | 4.81  |
|        | 18                               | 22.60                        | 1.39  | 36.30       | 2.42  | 51.50       | 3.65  | 55.10       | 3.95  | 58.70       | 4.26  | 62.50       | 4.63  | 66.50       | 5.30  |
|        | 20                               | 22.60                        | 1.45  | 36.30       | 2.57  | 51.50       | 4.10  | 55.10       | 4.49  | 58.70       | 4.97  | 62.50       | 5.57  | 66.50       | 6.58  |
|        | 21                               | 25.60                        | 1.82  | 39.10       | 3.27  | 54.20       | 5.58  | 57.80       | 5.98  | 61.40       | 6.33  | 64.80       | 6.77  | 68.60       | 7.38  |
|        | 23                               | 31.60                        | 4.37  | 44.90       | 5.56  | 59.90       | 7.06  | 63.30       | 7.38  | 66.70       | 7.91  | 69.70       | 8.33  | 73.10       | 9.07  |
|        | 25                               | 37.80                        | 5.46  | 50.90       | 6.98  | 65.70       | 8.83  | 68.90       | 9.27  | 72.20       | 9.85  | 74.70       | 10.40 | 77.70       | 11.15 |
|        | 27                               | 44.10                        | 7.03  | 57.00       | 8.80  | 71.60       | 11.16 | 74.60       | 11.80 | 77.80       | 12.40 | 79.80       | 12.90 | 86.80       | 14.64 |
|        | 29                               | 50.60                        | 9.09  | 63.10       | 11.07 | 77.70       | 13.91 | 80.50       | 14.52 | 83.50       | 15.18 | 88.60       | 16.35 | 102.7       | 20.45 |
|        | 31                               | 57.20                        | 11.37 | 69.50       | 13.64 | 83.90       | 17.04 | 86.60       | 17.72 | 94.10       | 19.74 | 104.8       | 22.91 | 118.6       | 28.21 |
|        | 33                               | 64.00                        | 14.18 | 76.00       | 16.85 | 90.40       | 20.88 | 99.40       | 23.75 | 110.6       | 27.66 | 121.0       | 31.64 | 134.4       | 38.59 |
|        | 35                               | 71.00                        | 17.73 | 82.80       | 20.82 | 106.0       | 29.02 | 116.0       | 33.17 | 127.2       | 38.34 | 137.1       | 43.23 | 150.1       | 50.17 |
|        | 37                               | 71.00                        | 18.93 | 82.80       | 22.23 | 106.0       | 30.97 | 115.9       | 35.18 | 127.2       | 40.72 | 137.1       | 45.74 | 141.1       | 48.92 |
|        | 39                               | 71.00                        | 20.19 | 82.80       | 23.71 | 105.9       | 32.06 | 116.0       | 36.73 | 127.1       | 42.64 | 132.1       | 45.20 | 130.6       | 45.66 |
|        | 41                               | 71.00                        | 21.55 | 82.80       | 24.96 | 105.9       | 33.24 | 115.9       | 38.14 | 121.9       | 41.33 | 121.8       | 41.34 | 120.5       | 41.90 |
|        | 43                               | 71.00                        | 23.00 | 82.80       | 25.87 | 105.9       | 35.38 | 112.0       | 38.57 | 112.0       | 38.53 | 112.0       | 38.53 | 110.8       | 39.13 |
|        | 46                               | 71.00                        | 24.95 | 82.80       | 28.04 | 98.30       | 35.28 | 98.10       | 35.26 | 98.30       | 35.23 | 98.20       | 35.28 | 96.90       | 35.65 |
|        | 48                               | 71.00                        | 26.48 | 82.90       | 30.62 | 89.60       | 33.93 | 89.70       | 33.99 | 89.50       | 33.89 | 89.40       | 33.89 | 88.40       | 34.28 |
|        | 50                               | 71.10                        | 28.05 | 81.30       | 32.22 | 81.30       | 32.18 | 81.30       | 32.19 | 81.20       | 32.18 | 81.20       | 32.13 | 80.10       | 32.53 |
|        | 52                               | 70.40                        | 29.20 | 71.80       | 28.61 | 72.40       | 27.84 | 72.50       | 27.65 | 72.70       | 27.47 | 72.80       | 27.34 | 72.40       | 27.53 |
| 120    | 10                               | 20.90                        | 1.36  | 33.60       | 2.17  | 47.50       | 3.11  | 50.90       | 3.33  | 54.20       | 3.57  | 57.70       | 3.81  | 61.40       | 4.10  |
|        | 12                               | 20.90                        | 1.36  | 33.60       | 2.17  | 47.50       | 3.13  | 50.90       | 3.36  | 54.20       | 3.60  | 57.70       | 3.85  | 61.40       | 4.16  |
|        | 14                               | 20.90                        | 1.31  | 33.60       | 2.16  | 47.50       | 3.16  | 50.90       | 3.40  | 54.20       | 3.66  | 57.70       | 3.88  | 61.40       | 4.18  |
|        | 16                               | 20.90                        | 1.24  | 33.60       | 2.14  | 47.50       | 3.21  | 50.90       | 3.47  | 54.20       | 3.69  | 57.70       | 3.92  | 61.40       | 4.31  |
|        | 18                               | 20.90                        | 1.25  | 33.60       | 2.19  | 47.50       | 3.34  | 50.90       | 3.60  | 54.20       | 3.85  | 57.70       | 4.15  | 61.40       | 4.64  |
|        | 20                               | 20.90                        | 1.29  | 33.60       | 2.32  | 47.50       | 3.68  | 50.90       | 4.04  | 54.20       | 4.37  | 57.70       | 4.82  | 61.40       | 5.68  |
|        | 21                               | 23.60                        | 1.60  | 36.10       | 2.87  | 50.10       | 4.92  | 53.40       | 5.46  | 56.60       | 5.85  | 59.90       | 6.21  | 63.40       | 6.74  |
|        | 23                               | 29.20                        | 4.11  | 41.50       | 5.22  | 55.30       | 6.57  | 58.40       | 6.91  | 61.50       | 7.19  | 64.40       | 7.59  | 67.50       | 8.17  |
|        | 25                               | 34.90                        | 5.08  | 47.00       | 6.47  | 60.60       | 8.19  | 63.60       | 8.59  | 66.60       | 8.91  | 69.00       | 9.37  | 71.70       | 10.05 |
|        | 27                               | 40.70                        | 6.49  | 52.60       | 8.15  | 66.10       | 10.30 | 68.90       | 10.68 | 71.80       | 11.25 | 73.70       | 11.59 | 80.20       | 13.27 |
|        | 29                               | 46.70                        | 8.43  | 58.30       | 10.22 | 71.70       | 12.69 | 74.30       | 13.21 | 77.10       | 13.79 | 81.90       | 14.80 | 94.80       | 18.33 |
|        | 31                               | 52.80                        | 10.54 | 64.20       | 12.51 | 77.50       | 15.46 | 80.00       | 16.04 | 86.80       | 17.78 | 96.80       | 20.51 | 109.4       | 25.05 |
|        | 33                               | 59.10                        | 13.03 | 70.30       | 15.34 | 83.40       | 18.84 | 91.80       | 21.32 | 102.2       | 24.66 | 111.7       | 28.04 | 124.1       | 33.89 |
|        | 35                               | 65.50                        | 16.18 | 76.50       | 18.86 | 97.80       | 25.92 | 107.1       | 29.45 | 117.4       | 33.79 | 126.6       | 38.05 | 138.7       | 45.07 |
|        | 37                               | 65.50                        | 17.26 | 76.50       | 20.14 | 97.80       | 27.66 | 107.1       | 31.45 | 117.4       | 35.83 | 126.5       | 40.40 | 138.7       | 47.73 |
|        | 39                               | 65.50                        | 18.43 | 76.50       | 21.49 | 97.80       | 28.94 | 107.0       | 32.56 | 117.4       | 37.42 | 126.5       | 42.30 | 130.6       | 45.73 |
|        | 41                               | 65.50                        | 19.66 | 76.50       | 22.94 | 97.80       | 29.66 | 107.0       | 33.77 | 117.4       | 38.90 | 121.8       | 41.35 | 120.5       | 41.89 |
|        | 43                               | 65.50                        | 20.99 | 76.50       | 23.99 | 97.80       | 31.51 | 107.1       | 35.93 | 112.0       | 38.55 | 112.1       | 38.56 | 110.6       | 39.02 |
|        | 46                               | 65.50                        | 23.16 | 76.40       | 25.40 | 97.80       | 35.02 | 98.30       | 35.28 | 98.10       | 35.25 | 98.10       | 35.22 | 97.10       | 35.71 |
|        | 48                               | 65.50                        | 24.53 | 76.50       | 27.75 | 89.70       | 33.97 | 89.60       | 33.95 | 89.40       | 33.92 | 89.40       | 33.86 | 88.40       | 34.35 |
|        | 50                               | 65.50                        | 25.92 | 76.50       | 29.82 | 81.30       | 32.19 | 81.20       | 32.15 | 81.50       | 32.33 | 81.20       | 32.19 | 80.30       | 32.53 |
|        | 52                               | 65.50                        | 26.69 | 71.70       | 28.94 | 72.20       | 28.13 | 72.30       | 27.98 | 72.40       | 27.81 | 72.50       | 27.67 | 72.20       | 27.95 |
| 110    | 10                               | 19.20                        | 1.24  | 30.80       | 1.99  | 43.50       | 2.84  | 46.60       | 3.05  | 49.60       | 3.26  | 52.90       | 3.48  | 56.20       | 3.74  |
|        | 12                               | 19.20                        | 1.24  | 30.80       | 1.99  | 43.50       | 2.86  | 46.60       | 3.07  | 49.60       | 3.28  | 52.90       | 3.51  | 56.20       | 3.79  |
|        | 14                               | 19.20                        | 1.18  | 30.80       | 1.95  | 43.50       | 2.86  | 46.60       | 3.10  | 49.60       | 3.32  | 52.90       | 3.55  | 56.20       | 3.85  |
|        | 16                               | 19.20                        | 1.12  | 30.80       | 1.92  | 43.50       | 2.91  | 46.60       | 3.14  | 49.60       | 3.38  | 52.90       | 3.60  | 56.20       | 3.92  |
|        | 18                               | 19.20                        | 1.10  | 30.80       | 1.96  | 43.50       | 3.01  | 46.60       | 3.27  | 49.60       | 3.49  | 52.90       | 3.77  | 56.20       | 4.15  |
|        | 20                               | 19.20                        | 1.14  | 30.80       | 2.05  | 43.50       | 3.27  | 46.60       | 3.59  | 49.60       | 3.90  | 52.90       | 4.24  | 56.20       | 4.86  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 21.70                        | 1.39  | 33.10       | 2.51  | 45.90       | 4.23  | 48.80       | 4.73  | 51.90       | 5.22  | 54.90       | 5.64  | 58.10       | 6.14  |
|        | 23                               | 26.80                        | 3.82  | 38.00       | 4.88  | 50.70       | 6.12  | 53.50       | 6.38  | 56.40       | 6.69  | 59.00       | 6.93  | 61.80       | 7.39  |
|        | 25                               | 31.90                        | 4.73  | 43.00       | 5.94  | 55.60       | 7.55  | 58.30       | 7.89  | 61.00       | 8.17  | 63.30       | 8.46  | 65.70       | 9.03  |
|        | 27                               | 37.30                        | 5.91  | 48.10       | 7.53  | 60.60       | 9.37  | 63.10       | 9.74  | 65.80       | 10.18 | 67.50       | 10.41 | 73.40       | 11.86 |
|        | 29                               | 42.80                        | 7.71  | 53.40       | 9.38  | 65.80       | 11.56 | 68.20       | 11.99 | 70.70       | 12.49 | 74.90       | 13.35 | 86.80       | 16.29 |
|        | 31                               | 48.40                        | 9.73  | 58.80       | 11.44 | 71.10       | 13.97 | 73.30       | 14.47 | 79.60       | 15.96 | 88.70       | 18.27 | 100.3       | 22.13 |
|        | 33                               | 54.10                        | 11.94 | 64.40       | 13.93 | 76.40       | 16.93 | 84.10       | 19.05 | 93.70       | 21.90 | 102.3       | 24.75 | 113.6       | 29.64 |
|        | 35                               | 60.10                        | 14.71 | 70.10       | 17.02 | 89.70       | 23.06 | 98.20       | 26.05 | 107.6       | 29.67 | 116.0       | 33.20 | 127.0       | 39.52 |
|        | 37                               | 60.10                        | 15.70 | 70.10       | 18.17 | 89.70       | 24.61 | 98.20       | 27.80 | 107.6       | 31.68 | 116.0       | 35.46 | 127.1       | 42.02 |
|        | 39                               | 60.10                        | 16.75 | 70.10       | 19.39 | 89.70       | 26.25 | 98.20       | 29.21 | 107.6       | 32.82 | 115.9       | 36.75 | 127.1       | 43.88 |
|        | 41                               | 60.10                        | 17.88 | 70.10       | 20.70 | 89.70       | 27.34 | 98.20       | 29.93 | 107.7       | 34.02 | 115.9       | 38.18 | 120.5       | 41.96 |
|        | 43                               | 60.10                        | 19.10 | 70.10       | 22.10 | 89.70       | 28.02 | 98.10       | 31.67 | 107.7       | 36.21 | 112.0       | 38.59 | 110.8       | 39.12 |
|        | 46                               | 60.10                        | 21.08 | 70.10       | 23.64 | 89.60       | 31.07 | 98.10       | 35.19 | 98.20       | 35.27 | 98.20       | 35.27 | 97.00       | 35.71 |
|        | 48                               | 60.10                        | 22.50 | 70.10       | 25.06 | 89.40       | 33.85 | 89.40       | 33.89 | 89.70       | 33.96 | 89.50       | 33.91 | 88.30       | 34.30 |
|        | 50                               | 60.10                        | 23.88 | 70.00       | 26.93 | 81.20       | 32.22 | 81.30       | 32.21 | 81.20       | 32.19 | 81.20       | 32.18 | 80.30       | 32.53 |
|        | 52                               | 60.20                        | 24.46 | 70.00       | 28.52 | 72.00       | 28.54 | 72.00       | 28.37 | 72.10       | 28.19 | 71.90       | 28.05 | 71.90       | 28.18 |
| 100    | 10                               | 17.50                        | 1.13  | 27.90       | 1.81  | 39.50       | 2.58  | 42.40       | 2.76  | 45.20       | 2.95  | 48.10       | 3.15  | 51.10       | 3.39  |
|        | 12                               | 17.50                        | 1.11  | 27.90       | 1.81  | 39.50       | 2.58  | 42.40       | 2.78  | 45.20       | 2.97  | 48.10       | 3.17  | 51.10       | 3.42  |
|        | 14                               | 17.50                        | 1.06  | 27.90       | 1.75  | 39.50       | 2.56  | 42.40       | 2.78  | 45.20       | 3.00  | 48.10       | 3.20  | 51.10       | 3.46  |
|        | 16                               | 17.50                        | 1.00  | 27.90       | 1.68  | 39.50       | 2.57  | 42.40       | 2.82  | 45.20       | 3.03  | 48.10       | 3.27  | 51.10       | 3.56  |
|        | 18                               | 17.50                        | 0.96  | 27.90       | 1.72  | 39.50       | 2.65  | 42.40       | 2.89  | 45.20       | 3.15  | 48.10       | 3.38  | 51.10       | 3.71  |
|        | 20                               | 17.50                        | 0.99  | 27.90       | 1.79  | 39.50       | 2.86  | 42.40       | 3.15  | 45.20       | 3.42  | 48.10       | 3.74  | 51.10       | 4.26  |
|        | 21                               | 19.70                        | 1.20  | 30.20       | 2.14  | 41.80       | 3.60  | 44.50       | 4.02  | 47.10       | 4.45  | 50.00       | 4.90  | 52.80       | 5.71  |
|        | 23                               | 24.30                        | 3.55  | 34.60       | 4.49  | 46.10       | 5.63  | 48.70       | 5.92  | 51.30       | 6.17  | 53.60       | 6.42  | 56.20       | 6.81  |
|        | 25                               | 29.10                        | 4.31  | 39.10       | 5.47  | 50.50       | 6.90  | 53.00       | 7.24  | 55.50       | 7.53  | 57.50       | 7.76  | 59.70       | 8.18  |
|        | 27                               | 33.90                        | 5.39  | 43.80       | 6.84  | 55.10       | 8.52  | 57.40       | 8.87  | 59.80       | 9.25  | 61.40       | 9.51  | 66.70       | 10.59 |
|        | 29                               | 38.80                        | 6.96  | 48.60       | 8.56  | 59.80       | 10.48 | 61.90       | 10.86 | 64.20       | 11.29 | 68.20       | 12.01 | 79.00       | 14.54 |
|        | 31                               | 44.00                        | 8.95  | 53.50       | 10.43 | 64.60       | 12.59 | 66.70       | 13.01 | 72.40       | 14.27 | 80.60       | 16.21 | 91.20       | 19.45 |
|        | 33                               | 49.20                        | 10.92 | 58.50       | 12.61 | 69.50       | 15.16 | 76.50       | 16.94 | 85.10       | 19.33 | 93.10       | 21.72 | 103.4       | 25.81 |
|        | 35                               | 54.60                        | 13.35 | 63.70       | 15.30 | 81.50       | 20.40 | 89.30       | 22.90 | 97.80       | 25.94 | 105.5       | 28.83 | 115.5       | 33.99 |
|        | 37                               | 54.60                        | 14.22 | 63.70       | 16.33 | 81.50       | 21.78 | 89.30       | 24.45 | 97.80       | 27.67 | 105.5       | 30.78 | 115.5       | 36.32 |
|        | 39                               | 54.60                        | 15.17 | 63.70       | 17.42 | 81.50       | 23.25 | 89.30       | 26.10 | 97.80       | 29.28 | 105.5       | 32.01 | 115.5       | 37.66 |
|        | 41                               | 54.60                        | 16.20 | 63.70       | 18.60 | 81.50       | 24.80 | 89.30       | 27.35 | 97.80       | 30.15 | 105.5       | 33.03 | 115.5       | 39.14 |
|        | 43                               | 54.60                        | 17.30 | 63.70       | 19.87 | 81.50       | 25.81 | 89.30       | 28.15 | 97.70       | 31.55 | 105.5       | 35.14 | 110.9       | 39.10 |
|        | 46                               | 54.60                        | 19.11 | 63.70       | 21.66 | 81.40       | 27.47 | 89.20       | 30.87 | 97.90       | 35.01 | 98.40       | 35.26 | 97.00       | 35.68 |
|        | 48                               | 54.60                        | 20.40 | 63.70       | 23.02 | 81.50       | 30.00 | 89.20       | 33.73 | 89.70       | 33.95 | 89.60       | 33.91 | 88.50       | 34.31 |
|        | 50                               | 54.60                        | 21.80 | 63.70       | 24.25 | 81.20       | 32.15 | 81.40       | 32.23 | 81.30       | 32.19 | 81.30       | 32.20 | 80.20       | 32.51 |
|        | 52                               | 54.60                        | 22.67 | 63.60       | 25.43 | 71.50       | 28.97 | 71.80       | 28.74 | 71.90       | 28.47 | 72.10       | 28.25 | 71.80       | 28.34 |
| 90     | 10                               | 15.70                        | 1.01  | 25.10       | 1.62  | 35.60       | 2.31  | 38.10       | 2.48  | 40.70       | 2.65  | 43.30       | 2.82  | 46.00       | 3.04  |
|        | 12                               | 15.70                        | 0.97  | 25.10       | 1.62  | 35.60       | 2.32  | 38.10       | 2.49  | 40.70       | 2.65  | 43.30       | 2.84  | 46.00       | 3.06  |
|        | 14                               | 15.70                        | 0.92  | 25.10       | 1.55  | 35.60       | 2.26  | 38.10       | 2.47  | 40.70       | 2.65  | 43.30       | 2.85  | 46.00       | 3.09  |
|        | 16                               | 15.70                        | 0.88  | 25.10       | 1.46  | 35.60       | 2.24  | 38.10       | 2.46  | 40.70       | 2.68  | 43.30       | 2.90  | 46.00       | 3.15  |
|        | 18                               | 15.70                        | 0.83  | 25.10       | 1.47  | 35.60       | 2.30  | 38.10       | 2.52  | 40.70       | 2.75  | 43.30       | 2.99  | 46.00       | 3.26  |
|        | 20                               | 15.70                        | 0.85  | 25.10       | 1.53  | 35.60       | 2.46  | 38.10       | 2.72  | 40.70       | 2.96  | 43.30       | 3.24  | 46.00       | 3.67  |
|        | 21                               | 17.70                        | 1.02  | 27.10       | 1.81  | 37.60       | 3.01  | 40.00       | 3.35  | 42.40       | 3.72  | 45.00       | 4.09  | 47.50       | 4.92  |
|        | 23                               | 21.90                        | 3.26  | 31.10       | 4.12  | 41.40       | 5.16  | 43.80       | 5.41  | 46.20       | 5.67  | 48.30       | 5.88  | 50.60       | 6.21  |
|        | 25                               | 26.20                        | 3.94  | 35.20       | 4.96  | 45.40       | 6.20  | 47.70       | 6.55  | 50.00       | 6.87  | 51.70       | 7.12  | 53.80       | 7.48  |
|        | 27                               | 30.60                        | 4.86  | 39.40       | 6.11  | 49.60       | 7.72  | 51.60       | 8.02  | 53.80       | 8.33  | 55.30       | 8.55  | 60.10       | 9.51  |
|        | 29                               | 35.00                        | 6.19  | 43.70       | 7.79  | 53.80       | 9.44  | 55.70       | 9.77  | 57.80       | 10.14 | 61.40       | 10.77 | 71.10       | 12.87 |
|        | 31                               | 39.70                        | 8.13  | 48.10       | 9.48  | 58.10       | 11.29 | 60.00       | 11.65 | 65.20       | 12.70 | 72.60       | 14.31 | 82.10       | 17.00 |
|        | 33                               | 44.30                        | 9.94  | 52.60       | 11.38 | 62.50       | 13.51 | 68.80       | 15.00 | 76.60       | 16.98 | 83.80       | 18.95 | 93.00       | 22.30 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 49.20                        | 12.05 | 57.40       | 13.69 | 73.30       | 17.95 | 80.30       | 20.03 | 88.00       | 22.51 | 95.00       | 24.88 | 103.9       | 29.07 |
|        | 37                               | 49.20                        | 12.83 | 57.40       | 14.60 | 73.30       | 19.15 | 80.30       | 21.37 | 88.00       | 24.02 | 95.00       | 26.56 | 103.9       | 31.04 |
|        | 39                               | 49.20                        | 13.69 | 57.40       | 15.58 | 73.30       | 20.45 | 80.30       | 22.82 | 88.00       | 25.64 | 95.00       | 28.35 | 103.9       | 32.83 |
|        | 41                               | 49.20                        | 14.60 | 57.40       | 16.63 | 73.30       | 21.83 | 80.30       | 24.35 | 88.00       | 27.11 | 95.00       | 29.39 | 103.9       | 33.84 |
|        | 43                               | 49.20                        | 15.61 | 57.40       | 17.77 | 73.30       | 23.31 | 80.30       | 25.54 | 88.00       | 28.10 | 95.00       | 30.25 | 103.9       | 35.46 |
|        | 46                               | 49.20                        | 17.24 | 57.40       | 19.61 | 73.30       | 24.92 | 80.20       | 26.97 | 88.10       | 30.32 | 94.90       | 33.59 | 97.10       | 35.68 |
|        | 48                               | 49.20                        | 18.41 | 57.40       | 20.96 | 73.40       | 26.41 | 80.20       | 29.44 | 88.00       | 33.15 | 89.60       | 33.95 | 88.60       | 34.37 |
|        | 50                               | 49.20                        | 19.69 | 57.40       | 22.16 | 73.40       | 28.38 | 80.30       | 31.67 | 81.30       | 32.20 | 81.30       | 32.20 | 80.40       | 32.58 |
|        | 52                               | 49.20                        | 21.05 | 57.40       | 22.53 | 71.40       | 29.24 | 71.60       | 28.98 | 71.80       | 28.70 | 71.90       | 28.45 | 71.70       | 28.60 |
| 80     | 10                               | 13.90                        | 0.90  | 22.40       | 1.44  | 31.70       | 2.05  | 33.80       | 2.20  | 36.10       | 2.34  | 38.40       | 2.50  | 40.90       | 2.69  |
|        | 12                               | 13.90                        | 0.82  | 22.40       | 1.43  | 31.70       | 2.05  | 33.80       | 2.21  | 36.10       | 2.35  | 38.40       | 2.51  | 40.90       | 2.70  |
|        | 14                               | 13.90                        | 0.79  | 22.40       | 1.35  | 31.70       | 1.99  | 33.80       | 2.14  | 36.10       | 2.30  | 38.40       | 2.49  | 40.90       | 2.69  |
|        | 16                               | 13.90                        | 0.76  | 22.40       | 1.28  | 31.70       | 1.91  | 33.80       | 2.10  | 36.10       | 2.30  | 38.40       | 2.50  | 40.90       | 2.73  |
|        | 18                               | 13.90                        | 0.73  | 22.40       | 1.24  | 31.70       | 1.95  | 33.80       | 2.15  | 36.10       | 2.35  | 38.40       | 2.56  | 40.90       | 2.82  |
|        | 20                               | 13.90                        | 0.71  | 22.40       | 1.29  | 31.70       | 2.06  | 33.80       | 2.28  | 36.10       | 2.51  | 38.40       | 2.74  | 40.90       | 3.10  |
|        | 21                               | 15.80                        | 0.85  | 24.10       | 1.49  | 33.40       | 2.47  | 35.50       | 2.75  | 37.80       | 3.05  | 39.90       | 3.35  | 42.30       | 3.99  |
|        | 23                               | 20.10                        | 3.03  | 27.70       | 3.74  | 36.80       | 4.66  | 38.90       | 4.93  | 41.00       | 5.14  | 42.90       | 5.34  | 45.00       | 5.67  |
|        | 25                               | 23.20                        | 3.55  | 31.30       | 4.44  | 40.40       | 5.57  | 42.40       | 5.84  | 44.40       | 6.14  | 46.00       | 6.38  | 47.90       | 6.73  |
|        | 27                               | 27.10                        | 4.37  | 35.00       | 5.43  | 44.10       | 6.84  | 45.90       | 7.16  | 47.80       | 7.48  | 49.10       | 7.66  | 53.40       | 8.46  |
|        | 29                               | 31.10                        | 5.49  | 38.90       | 6.83  | 47.80       | 8.43  | 49.60       | 8.72  | 51.40       | 9.03  | 54.50       | 9.57  | 63.30       | 11.35 |
|        | 31                               | 35.20                        | 7.14  | 42.80       | 8.55  | 51.60       | 10.10 | 53.20       | 10.39 | 57.90       | 11.25 | 64.50       | 12.57 | 73.00       | 14.76 |
|        | 33                               | 39.30                        | 8.95  | 46.90       | 10.21 | 55.60       | 11.98 | 61.20       | 13.20 | 68.00       | 14.82 | 74.40       | 16.42 | 82.80       | 19.13 |
|        | 35                               | 43.70                        | 10.83 | 51.00       | 12.19 | 65.20       | 15.69 | 71.40       | 17.38 | 78.20       | 19.41 | 84.40       | 21.32 | 92.50       | 24.69 |
|        | 37                               | 43.70                        | 11.52 | 51.00       | 12.99 | 65.20       | 16.75 | 71.40       | 18.56 | 78.20       | 20.71 | 84.40       | 22.75 | 92.50       | 26.35 |
|        | 39                               | 43.70                        | 12.29 | 51.00       | 13.85 | 65.20       | 17.87 | 71.40       | 19.81 | 78.20       | 22.10 | 84.40       | 24.28 | 92.50       | 28.11 |
|        | 41                               | 43.70                        | 13.11 | 51.00       | 14.79 | 65.20       | 19.08 | 71.40       | 21.15 | 78.20       | 23.59 | 84.40       | 25.92 | 92.50       | 29.81 |
|        | 43                               | 43.70                        | 14.00 | 51.00       | 15.80 | 65.20       | 20.37 | 71.40       | 22.56 | 78.20       | 24.99 | 84.40       | 27.03 | 92.50       | 30.92 |
|        | 46                               | 43.70                        | 15.46 | 51.00       | 17.45 | 65.20       | 22.30 | 71.40       | 24.36 | 78.20       | 26.51 | 84.40       | 28.73 | 92.40       | 33.32 |
|        | 48                               | 43.70                        | 16.55 | 51.00       | 18.66 | 65.20       | 23.69 | 71.40       | 25.87 | 78.30       | 28.54 | 84.30       | 31.36 | 88.60       | 34.36 |
|        | 50                               | 43.70                        | 17.70 | 51.00       | 19.94 | 65.20       | 24.87 | 71.30       | 27.50 | 78.20       | 30.68 | 81.40       | 32.23 | 80.20       | 32.55 |
|        | 52                               | 43.70                        | 18.93 | 51.00       | 20.74 | 65.20       | 26.09 | 70.70       | 28.79 | 71.60       | 29.01 | 71.70       | 28.77 | 71.50       | 28.89 |
| 70     | 10                               | 12.20                        | 0.79  | 19.60       | 1.25  | 27.70       | 1.79  | 29.70       | 1.92  | 31.60       | 2.05  | 33.60       | 2.18  | 35.70       | 2.34  |
|        | 12                               | 12.20                        | 0.70  | 19.60       | 1.19  | 27.70       | 1.79  | 29.70       | 1.92  | 31.60       | 2.05  | 33.60       | 2.19  | 35.70       | 2.36  |
|        | 14                               | 12.20                        | 0.68  | 19.60       | 1.15  | 27.70       | 1.70  | 29.70       | 1.84  | 31.60       | 1.99  | 33.60       | 2.13  | 35.70       | 2.30  |
|        | 16                               | 12.20                        | 0.65  | 19.60       | 1.09  | 27.70       | 1.62  | 29.70       | 1.76  | 31.60       | 1.92  | 33.60       | 2.08  | 35.70       | 2.28  |
|        | 18                               | 12.20                        | 0.62  | 19.60       | 1.05  | 27.70       | 1.60  | 29.70       | 1.77  | 31.60       | 1.95  | 33.60       | 2.13  | 35.70       | 2.36  |
|        | 20                               | 12.20                        | 0.60  | 19.60       | 1.06  | 27.70       | 1.68  | 29.70       | 1.87  | 31.60       | 2.06  | 33.60       | 2.26  | 35.70       | 2.55  |
|        | 21                               | 13.80                        | 0.69  | 21.10       | 1.21  | 29.20       | 1.96  | 31.10       | 2.20  | 33.00       | 2.44  | 34.90       | 2.68  | 36.90       | 3.14  |
|        | 23                               | 17.10                        | 2.43  | 24.20       | 3.36  | 32.30       | 4.14  | 34.00       | 4.38  | 35.90       | 4.60  | 37.60       | 4.78  | 39.30       | 5.07  |
|        | 25                               | 20.30                        | 3.20  | 27.40       | 3.97  | 35.30       | 4.93  | 37.10       | 5.19  | 38.80       | 5.42  | 40.30       | 5.64  | 41.80       | 5.94  |
|        | 27                               | 23.70                        | 3.86  | 30.60       | 4.78  | 38.50       | 5.94  | 40.20       | 6.25  | 41.80       | 6.59  | 43.00       | 6.79  | 46.70       | 7.49  |
|        | 29                               | 27.30                        | 4.79  | 34.00       | 5.93  | 41.80       | 7.42  | 43.40       | 7.72  | 45.00       | 7.98  | 47.70       | 8.42  | 55.30       | 9.92  |
|        | 31                               | 30.80                        | 6.13  | 37.50       | 7.59  | 45.20       | 8.96  | 46.60       | 9.21  | 50.60       | 9.92  | 56.40       | 10.98 | 63.80       | 12.73 |
|        | 33                               | 34.50                        | 7.91  | 40.90       | 9.07  | 48.60       | 10.56 | 53.60       | 11.54 | 59.50       | 12.84 | 65.10       | 14.11 | 72.40       | 16.28 |
|        | 35                               | 38.30                        | 9.63  | 44.60       | 10.79 | 57.00       | 13.62 | 62.50       | 14.97 | 68.40       | 16.58 | 73.80       | 18.09 | 80.80       | 20.76 |
|        | 37                               | 38.30                        | 10.23 | 44.60       | 11.49 | 57.00       | 14.51 | 62.50       | 15.97 | 68.40       | 17.70 | 73.80       | 19.30 | 80.80       | 22.15 |
|        | 39                               | 38.30                        | 10.89 | 44.60       | 12.25 | 57.00       | 15.50 | 62.50       | 17.05 | 68.40       | 18.88 | 73.80       | 20.60 | 80.80       | 23.63 |
|        | 41                               | 38.30                        | 11.62 | 44.60       | 13.08 | 57.00       | 16.54 | 62.50       | 18.21 | 68.40       | 20.16 | 73.80       | 22.00 | 80.80       | 25.22 |
|        | 43                               | 38.30                        | 12.43 | 44.60       | 13.97 | 57.00       | 17.67 | 62.50       | 19.44 | 68.40       | 21.51 | 73.80       | 23.47 | 80.80       | 26.91 |
|        | 46                               | 38.30                        | 13.75 | 44.60       | 15.43 | 57.00       | 19.52 | 62.50       | 21.45 | 68.40       | 23.48 | 73.80       | 25.31 | 80.80       | 28.74 |
|        | 48                               | 38.30                        | 14.73 | 44.60       | 16.50 | 57.00       | 20.85 | 62.50       | 22.91 | 68.40       | 24.94 | 73.80       | 26.87 | 80.90       | 30.53 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 38.30                        | 15.81 | 44.60       | 17.66 | 57.00       | 22.26 | 62.50       | 24.12 | 68.50       | 26.24 | 73.90       | 28.62 | 80.30       | 32.58 |
|        | 52                         | 38.30                        | 16.92 | 44.60       | 18.88 | 57.00       | 22.97 | 62.50       | 24.74 | 68.40       | 27.69 | 71.60       | 29.19 | 71.20       | 29.30 |
| 60     | 10                         | 10.50                        | 0.70  | 16.70       | 1.07  | 23.80       | 1.53  | 25.40       | 1.64  | 27.10       | 1.75  | 28.90       | 1.86  | 30.60       | 2.01  |
|        | 12                         | 10.50                        | 0.61  | 16.70       | 0.97  | 23.80       | 1.47  | 25.40       | 1.62  | 27.10       | 1.75  | 28.90       | 1.86  | 30.60       | 2.01  |
|        | 14                         | 10.50                        | 0.59  | 16.70       | 0.94  | 23.80       | 1.42  | 25.40       | 1.54  | 27.10       | 1.67  | 28.90       | 1.79  | 30.60       | 1.94  |
|        | 16                         | 10.50                        | 0.57  | 16.70       | 0.90  | 23.80       | 1.35  | 25.40       | 1.46  | 27.10       | 1.58  | 28.90       | 1.69  | 30.60       | 1.86  |
|        | 18                         | 10.50                        | 0.55  | 16.70       | 0.87  | 23.80       | 1.30  | 25.40       | 1.43  | 27.10       | 1.56  | 28.90       | 1.72  | 30.60       | 1.88  |
|        | 20                         | 10.50                        | 0.52  | 16.70       | 0.85  | 23.80       | 1.33  | 25.40       | 1.49  | 27.10       | 1.64  | 28.90       | 1.80  | 30.60       | 2.02  |
|        | 21                         | 11.80                        | 0.57  | 18.00       | 0.95  | 25.10       | 1.53  | 26.60       | 1.69  | 28.30       | 1.89  | 30.00       | 2.07  | 31.70       | 2.41  |
|        | 23                         | 14.60                        | 1.63  | 20.70       | 2.61  | 27.70       | 3.63  | 29.20       | 3.85  | 30.80       | 4.05  | 32.10       | 4.21  | 33.80       | 4.47  |
|        | 25                         | 18.90                        | 3.01  | 23.50       | 3.48  | 30.40       | 4.26  | 31.70       | 4.49  | 33.30       | 4.71  | 34.50       | 4.92  | 35.90       | 5.18  |
|        | 27                         | 20.40                        | 3.41  | 26.20       | 4.13  | 33.10       | 5.08  | 34.40       | 5.36  | 35.90       | 5.60  | 36.80       | 5.82  | 40.10       | 6.39  |
|        | 29                         | 23.40                        | 4.16  | 29.10       | 5.05  | 35.90       | 6.23  | 37.20       | 6.58  | 38.60       | 6.92  | 40.90       | 7.36  | 47.40       | 8.55  |
|        | 31                         | 26.40                        | 5.25  | 32.10       | 6.41  | 38.80       | 7.87  | 39.90       | 8.08  | 43.50       | 8.66  | 48.40       | 9.51  | 54.70       | 10.89 |
|        | 33                         | 29.60                        | 6.78  | 35.10       | 7.97  | 41.80       | 9.20  | 45.90       | 10.02 | 51.10       | 11.06 | 55.80       | 12.03 | 62.00       | 13.71 |
|        | 35                         | 32.90                        | 8.39  | 38.20       | 9.41  | 48.90       | 11.73 | 53.50       | 12.78 | 58.70       | 14.02 | 63.20       | 15.19 | 69.30       | 17.24 |
|        | 37                         | 32.90                        | 8.89  | 38.20       | 9.99  | 48.90       | 12.49 | 53.50       | 13.63 | 58.70       | 14.96 | 63.20       | 16.20 | 69.30       | 18.39 |
|        | 39                         | 32.90                        | 9.49  | 38.20       | 10.65 | 48.90       | 13.33 | 53.50       | 14.53 | 58.70       | 15.96 | 63.20       | 17.30 | 69.30       | 19.63 |
|        | 41                         | 32.90                        | 10.10 | 38.20       | 11.35 | 48.90       | 14.22 | 53.50       | 15.52 | 58.70       | 17.04 | 63.20       | 18.47 | 69.30       | 20.96 |
|        | 43                         | 32.90                        | 10.78 | 38.20       | 12.14 | 48.90       | 15.19 | 53.50       | 16.58 | 58.70       | 18.19 | 63.20       | 19.72 | 69.30       | 22.38 |
|        | 46                         | 32.90                        | 11.92 | 38.20       | 13.45 | 48.90       | 16.79 | 53.50       | 18.31 | 58.70       | 20.09 | 63.20       | 21.76 | 69.30       | 24.68 |
|        | 48                         | 32.90                        | 12.76 | 38.20       | 14.42 | 48.90       | 17.95 | 53.50       | 19.57 | 58.70       | 21.45 | 63.20       | 23.22 | 69.30       | 26.12 |
|        | 50                         | 32.90                        | 13.71 | 38.20       | 15.47 | 48.90       | 19.18 | 53.50       | 20.90 | 58.70       | 22.91 | 63.20       | 24.52 | 69.30       | 27.59 |
|        | 52                         | 32.90                        | 14.74 | 38.20       | 16.60 | 48.90       | 20.49 | 53.50       | 21.74 | 58.70       | 23.65 | 63.20       | 25.07 | 69.30       | 28.66 |
| 50     | 10                         | 8.70                         | 0.73  | 13.90       | 0.90  | 19.80       | 1.27  | 21.10       | 1.35  | 22.60       | 1.44  | 24.10       | 1.55  | 25.60       | 1.66  |
|        | 12                         | 8.70                         | 0.63  | 13.90       | 0.79  | 19.80       | 1.15  | 21.10       | 1.28  | 22.60       | 1.39  | 24.10       | 1.51  | 25.60       | 1.64  |
|        | 14                         | 8.70                         | 0.58  | 13.90       | 0.76  | 19.80       | 1.11  | 21.10       | 1.23  | 22.60       | 1.32  | 24.10       | 1.43  | 25.60       | 1.57  |
|        | 16                         | 8.70                         | 0.56  | 13.90       | 0.74  | 19.80       | 1.08  | 21.10       | 1.16  | 22.60       | 1.26  | 24.10       | 1.37  | 25.60       | 1.49  |
|        | 18                         | 8.70                         | 0.53  | 13.90       | 0.71  | 19.80       | 1.03  | 21.10       | 1.12  | 22.60       | 1.22  | 24.10       | 1.33  | 25.60       | 1.45  |
|        | 20                         | 8.70                         | 0.51  | 13.90       | 0.69  | 19.80       | 1.01  | 21.10       | 1.12  | 22.60       | 1.25  | 24.10       | 1.37  | 25.60       | 1.53  |
|        | 21                         | 9.90                         | 0.50  | 15.00       | 0.74  | 20.90       | 1.14  | 22.20       | 1.26  | 23.60       | 1.40  | 25.00       | 1.54  | 26.40       | 1.74  |
|        | 23                         | 12.10                        | 1.08  | 17.30       | 1.66  | 23.00       | 3.11  | 24.30       | 3.28  | 25.60       | 3.47  | 26.80       | 3.64  | 28.10       | 3.82  |
|        | 25                         | 18.10                        | 2.92  | 19.90       | 3.06  | 25.30       | 3.62  | 26.50       | 3.80  | 27.70       | 4.00  | 28.70       | 4.16  | 29.90       | 4.40  |
|        | 27                         | 17.90                        | 3.15  | 21.90       | 3.55  | 27.60       | 4.27  | 28.70       | 4.50  | 29.90       | 4.73  | 30.70       | 4.90  | 33.40       | 5.33  |
|        | 29                         | 19.40                        | 3.64  | 24.30       | 4.29  | 29.90       | 5.18  | 31.00       | 5.41  | 32.10       | 5.67  | 34.10       | 6.09  | 39.50       | 7.05  |
|        | 31                         | 22.00                        | 4.47  | 26.70       | 5.28  | 32.30       | 6.44  | 33.30       | 6.79  | 36.10       | 7.37  | 40.30       | 8.14  | 45.60       | 9.22  |
|        | 33                         | 24.50                        | 5.70  | 29.20       | 6.72  | 34.80       | 7.87  | 38.20       | 8.55  | 42.50       | 9.37  | 46.50       | 10.14 | 51.70       | 11.42 |
|        | 35                         | 27.30                        | 7.26  | 31.80       | 8.01  | 40.80       | 9.95  | 44.60       | 10.80 | 48.90       | 11.73 | 52.70       | 12.59 | 57.80       | 14.12 |
|        | 37                         | 27.30                        | 7.73  | 31.80       | 8.55  | 40.80       | 10.58 | 44.60       | 11.49 | 48.90       | 12.50 | 52.70       | 13.43 | 57.80       | 15.06 |
|        | 39                         | 27.30                        | 8.17  | 31.80       | 9.07  | 40.80       | 11.28 | 44.60       | 12.25 | 48.90       | 13.33 | 52.70       | 14.33 | 57.80       | 16.07 |
|        | 41                         | 27.30                        | 8.66  | 31.80       | 9.64  | 40.80       | 12.04 | 44.60       | 13.08 | 48.90       | 14.22 | 52.70       | 15.29 | 57.80       | 17.16 |
|        | 43                         | 27.30                        | 9.19  | 31.80       | 10.27 | 40.80       | 12.88 | 44.60       | 13.97 | 48.90       | 15.20 | 52.70       | 16.34 | 57.80       | 18.32 |
|        | 46                         | 27.30                        | 10.11 | 31.80       | 11.35 | 40.80       | 14.26 | 44.60       | 15.44 | 48.90       | 16.80 | 52.70       | 18.03 | 57.80       | 20.21 |
|        | 48                         | 27.30                        | 10.80 | 31.80       | 12.14 | 40.80       | 15.27 | 44.60       | 16.51 | 48.90       | 17.94 | 52.70       | 19.28 | 57.80       | 21.60 |
|        | 50                         | 27.30                        | 11.56 | 31.80       | 13.02 | 40.80       | 16.35 | 44.60       | 17.66 | 48.90       | 19.19 | 52.70       | 20.60 | 57.80       | 23.06 |
|        | 52                         | 27.30                        | 12.39 | 31.80       | 13.99 | 40.80       | 17.50 | 44.60       | 18.89 | 48.90       | 20.51 | 52.70       | 21.49 | 57.80       | 23.97 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM400LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 23.80                        | 1.60  | 38.20       | 2.56  | 54.20       | 3.66  | 58.00       | 3.94  | 61.80       | 4.22  | 65.80       | 4.52  | 70.00       | 4.90  |
|        | 12                              | 23.80                        | 1.60  | 38.20       | 2.58  | 54.20       | 3.70  | 58.00       | 3.98  | 61.80       | 4.26  | 65.80       | 4.56  | 70.00       | 4.98  |
|        | 14                              | 23.80                        | 1.54  | 38.20       | 2.58  | 54.20       | 3.74  | 58.00       | 4.04  | 61.80       | 4.24  | 65.80       | 4.62  | 70.00       | 5.10  |
|        | 16                              | 23.80                        | 1.52  | 38.20       | 2.62  | 54.20       | 3.86  | 58.00       | 4.10  | 61.80       | 4.38  | 65.80       | 4.78  | 70.00       | 5.36  |
|        | 18                              | 23.80                        | 1.54  | 38.20       | 2.66  | 54.20       | 4.00  | 58.00       | 4.32  | 61.80       | 4.68  | 65.80       | 5.14  | 70.00       | 5.90  |
|        | 20                              | 23.80                        | 1.60  | 38.20       | 2.84  | 54.20       | 4.50  | 58.00       | 4.90  | 61.80       | 5.46  | 65.80       | 6.20  | 70.00       | 7.22  |
|        | 21                              | 27.00                        | 2.02  | 41.20       | 3.60  | 57.00       | 6.04  | 60.80       | 6.34  | 64.60       | 6.78  | 68.20       | 7.34  | 72.20       | 7.96  |
|        | 23                              | 33.20                        | 4.60  | 47.20       | 5.92  | 63.00       | 7.50  | 66.60       | 7.86  | 70.20       | 8.60  | 73.40       | 9.04  | 77.00       | 9.76  |
|        | 25                              | 39.80                        | 5.82  | 53.60       | 7.46  | 69.20       | 9.44  | 72.60       | 9.96  | 76.00       | 10.76 | 78.60       | 11.24 | 81.80       | 12.08 |
|        | 27                              | 46.40                        | 7.56  | 60.00       | 9.42  | 75.40       | 12.06 | 78.60       | 12.88 | 81.80       | 13.52 | 84.00       | 13.96 | 91.40       | 15.90 |
|        | 29                              | 53.20                        | 9.72  | 66.40       | 11.90 | 81.80       | 15.06 | 84.80       | 15.74 | 87.80       | 16.48 | 93.20       | 17.78 | 108.0       | 22.36 |
|        | 31                              | 60.20                        | 12.20 | 73.20       | 14.74 | 88.40       | 18.52 | 91.20       | 19.28 | 99.00       | 21.54 | 110.4       | 25.08 | 124.8       | 31.04 |
|        | 33                              | 67.40                        | 15.30 | 80.00       | 18.28 | 95.20       | 22.78 | 104.6       | 25.98 | 116.4       | 30.36 | 127.4       | 34.84 | 141.4       | 42.72 |
|        | 35                              | 74.60                        | 19.22 | 87.20       | 22.66 | 111.6       | 31.84 | 122.2       | 36.50 | 133.8       | 42.36 | 144.2       | 47.72 | 158.0       | 54.58 |
|        | 37                              | 74.60                        | 20.52 | 87.20       | 24.20 | 111.6       | 33.98 | 122.0       | 38.50 | 134.0       | 44.76 | 144.2       | 49.98 | 147.4       | 52.38 |
|        | 39                              | 74.60                        | 21.90 | 87.20       | 25.82 | 111.4       | 34.28 | 122.0       | 39.44 | 133.8       | 46.02 | 138.2       | 48.18 | 136.6       | 48.54 |
|        | 41                              | 74.60                        | 23.38 | 87.20       | 26.86 | 111.6       | 35.20 | 122.0       | 40.60 | 127.8       | 43.86 | 127.8       | 43.86 | 126.2       | 44.42 |
|        | 43                              | 74.60                        | 24.96 | 87.20       | 27.14 | 111.6       | 37.56 | 117.6       | 40.96 | 117.8       | 40.92 | 117.6       | 40.90 | 116.4       | 41.58 |
|        | 46                              | 74.60                        | 26.68 | 87.20       | 29.68 | 103.6       | 37.70 | 103.4       | 37.66 | 103.6       | 37.64 | 103.4       | 37.70 | 102.2       | 38.08 |
|        | 48                              | 74.60                        | 28.20 | 87.20       | 32.68 | 94.60       | 36.48 | 94.80       | 36.60 | 94.60       | 36.46 | 94.40       | 36.42 | 93.40       | 36.90 |
|        | 50                              | 74.80                        | 30.02 | 86.20       | 34.88 | 86.00       | 34.82 | 86.00       | 34.86 | 86.00       | 34.84 | 85.80       | 34.78 | 84.80       | 35.24 |
|        | 52                              | 73.60                        | 31.96 | 74.60       | 30.64 | 75.80       | 29.10 | 76.00       | 28.76 | 76.40       | 28.42 | 76.60       | 28.14 | 76.80       | 28.30 |
| 120    | 10                              | 22.00                        | 1.48  | 35.40       | 2.36  | 50.00       | 3.38  | 53.60       | 3.62  | 57.00       | 3.88  | 60.80       | 4.14  | 64.60       | 4.46  |
|        | 12                              | 22.00                        | 1.48  | 35.40       | 2.36  | 50.00       | 3.40  | 53.60       | 3.66  | 57.00       | 3.92  | 60.80       | 4.18  | 64.60       | 4.52  |
|        | 14                              | 22.00                        | 1.42  | 35.40       | 2.38  | 50.00       | 3.44  | 53.60       | 3.70  | 57.00       | 3.98  | 60.80       | 4.20  | 64.60       | 4.56  |
|        | 16                              | 22.00                        | 1.36  | 35.40       | 2.36  | 50.00       | 3.52  | 53.60       | 3.80  | 57.00       | 4.02  | 60.80       | 4.26  | 64.60       | 4.74  |
|        | 18                              | 22.00                        | 1.38  | 35.40       | 2.42  | 50.00       | 3.68  | 53.60       | 3.94  | 57.00       | 4.20  | 60.80       | 4.54  | 64.60       | 5.12  |
|        | 20                              | 22.00                        | 1.42  | 35.40       | 2.56  | 50.00       | 4.04  | 53.60       | 4.44  | 57.00       | 4.76  | 60.80       | 5.30  | 64.60       | 6.28  |
|        | 21                              | 24.80                        | 1.78  | 38.00       | 3.18  | 52.80       | 5.42  | 56.20       | 5.96  | 59.60       | 6.20  | 63.00       | 6.60  | 66.80       | 7.32  |
|        | 23                              | 30.80                        | 4.34  | 43.60       | 5.54  | 58.20       | 7.02  | 61.40       | 7.34  | 64.80       | 7.64  | 67.80       | 8.18  | 71.00       | 8.90  |
|        | 25                              | 36.80                        | 5.40  | 49.40       | 6.96  | 63.80       | 8.70  | 67.00       | 9.14  | 70.20       | 9.56  | 72.60       | 10.20 | 75.40       | 10.94 |
|        | 27                              | 42.80                        | 6.98  | 55.40       | 8.70  | 69.60       | 11.10 | 72.60       | 11.52 | 75.60       | 12.26 | 77.60       | 12.68 | 84.40       | 14.36 |
|        | 29                              | 49.20                        | 9.00  | 61.40       | 10.96 | 75.60       | 13.70 | 78.20       | 14.28 | 81.20       | 14.92 | 86.20       | 16.06 | 99.80       | 20.00 |
|        | 31                              | 55.60                        | 11.28 | 67.60       | 13.48 | 81.60       | 16.76 | 84.20       | 17.40 | 91.40       | 19.34 | 101.8       | 22.40 | 115.2       | 27.48 |
|        | 33                              | 62.20                        | 14.02 | 74.00       | 16.60 | 87.80       | 20.50 | 96.60       | 23.26 | 107.6       | 27.00 | 117.6       | 30.80 | 130.6       | 37.38 |
|        | 35                              | 69.00                        | 17.50 | 80.60       | 20.48 | 103.0       | 28.36 | 112.8       | 32.32 | 123.6       | 37.20 | 133.2       | 42.04 | 146.0       | 49.38 |
|        | 37                              | 69.00                        | 18.68 | 80.60       | 21.88 | 103.0       | 30.26 | 112.8       | 34.52 | 123.6       | 39.24 | 133.2       | 44.40 | 146.0       | 51.76 |
|        | 39                              | 69.00                        | 19.94 | 80.60       | 23.34 | 103.0       | 31.14 | 112.6       | 34.82 | 123.6       | 40.20 | 133.2       | 45.64 | 136.6       | 48.56 |
|        | 41                              | 69.00                        | 21.28 | 80.60       | 24.92 | 103.0       | 31.30 | 112.6       | 35.78 | 123.6       | 41.42 | 127.6       | 43.86 | 126.2       | 44.44 |
|        | 43                              | 69.00                        | 22.72 | 80.60       | 25.62 | 103.0       | 33.34 | 112.8       | 38.18 | 117.8       | 40.94 | 117.8       | 40.94 | 116.2       | 41.46 |
|        | 46                              | 69.00                        | 25.08 | 80.40       | 26.82 | 103.0       | 37.34 | 103.6       | 37.68 | 103.4       | 37.64 | 103.4       | 37.64 | 102.4       | 38.14 |
|        | 48                              | 69.00                        | 26.38 | 80.60       | 29.54 | 94.80       | 36.54 | 94.60       | 36.50 | 94.40       | 36.48 | 94.40       | 36.42 | 93.40       | 36.96 |
|        | 50                              | 69.00                        | 27.62 | 80.60       | 31.98 | 86.00       | 34.82 | 86.00       | 34.80 | 86.00       | 34.86 | 85.80       | 34.80 | 85.00       | 35.24 |
|        | 52                              | 69.00                        | 29.16 | 74.20       | 31.28 | 75.40       | 29.70 | 75.60       | 29.40 | 75.80       | 29.08 | 76.00       | 28.82 | 76.20       | 29.06 |
| 110    | 10                              | 20.20                        | 1.34  | 32.40       | 2.16  | 45.80       | 3.08  | 49.00       | 3.32  | 52.20       | 3.54  | 55.60       | 3.78  | 59.20       | 4.06  |
|        | 12                              | 20.20                        | 1.34  | 32.40       | 2.16  | 45.80       | 3.10  | 49.00       | 3.34  | 52.20       | 3.56  | 55.60       | 3.82  | 59.20       | 4.12  |
|        | 14                              | 20.20                        | 1.28  | 32.40       | 2.12  | 45.80       | 3.14  | 49.00       | 3.36  | 52.20       | 3.60  | 55.60       | 3.86  | 59.20       | 4.18  |
|        | 16                              | 20.20                        | 1.22  | 32.40       | 2.12  | 45.80       | 3.20  | 49.00       | 3.44  | 52.20       | 3.70  | 55.60       | 3.92  | 59.20       | 4.26  |
|        | 18                              | 20.20                        | 1.22  | 32.40       | 2.16  | 45.80       | 3.32  | 49.00       | 3.60  | 52.20       | 3.82  | 55.60       | 4.12  | 59.20       | 4.52  |
|        | 20                              | 20.20                        | 1.26  | 32.40       | 2.26  | 45.80       | 3.60  | 49.00       | 3.94  | 52.20       | 4.28  | 55.60       | 4.64  | 59.20       | 5.30  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 22.80                        | 1.54  | 34.80       | 2.78  | 48.40       | 4.66  | 51.40       | 5.22  | 54.60       | 5.72  | 57.80       | 6.08  | 61.20       | 6.50  |
|        | 23                              | 28.20                        | 4.02  | 40.00       | 5.18  | 53.40       | 6.52  | 56.40       | 6.80  | 59.40       | 7.08  | 62.00       | 7.34  | 65.00       | 7.86  |
|        | 25                              | 33.60                        | 5.02  | 45.20       | 6.34  | 58.60       | 8.00  | 61.40       | 8.38  | 64.20       | 8.72  | 66.60       | 9.04  | 69.20       | 9.72  |
|        | 27                              | 39.20                        | 6.34  | 50.60       | 8.02  | 63.80       | 10.06 | 66.40       | 10.42 | 69.20       | 10.90 | 71.00       | 11.20 | 77.20       | 12.94 |
|        | 29                              | 45.00                        | 8.30  | 56.20       | 10.04 | 69.20       | 12.44 | 71.80       | 12.92 | 74.40       | 13.48 | 78.80       | 14.44 | 91.40       | 17.80 |
|        | 31                              | 51.00                        | 10.40 | 61.80       | 12.28 | 74.80       | 15.10 | 77.20       | 15.66 | 83.80       | 17.32 | 93.40       | 19.90 | 105.6       | 24.22 |
|        | 33                              | 57.00                        | 12.82 | 67.80       | 15.02 | 80.40       | 18.36 | 88.60       | 20.72 | 98.60       | 23.90 | 107.6       | 27.10 | 119.6       | 32.58 |
|        | 35                              | 63.20                        | 15.86 | 73.80       | 18.44 | 94.40       | 25.16 | 103.4       | 28.50 | 113.2       | 32.56 | 122.0       | 36.54 | 133.6       | 43.70 |
|        | 37                              | 63.20                        | 16.94 | 73.80       | 19.68 | 94.40       | 26.86 | 103.4       | 30.42 | 113.2       | 34.78 | 122.0       | 39.06 | 133.8       | 46.24 |
|        | 39                              | 63.20                        | 18.08 | 73.80       | 21.02 | 94.40       | 28.66 | 103.4       | 31.56 | 113.2       | 35.14 | 122.0       | 39.46 | 133.8       | 47.28 |
|        | 41                              | 63.20                        | 19.30 | 73.80       | 22.44 | 94.40       | 29.22 | 103.4       | 31.50 | 113.4       | 36.06 | 122.0       | 40.62 | 126.2       | 44.46 |
|        | 43                              | 63.20                        | 20.62 | 73.80       | 23.96 | 94.40       | 29.54 | 103.2       | 33.50 | 113.4       | 38.48 | 117.6       | 40.96 | 116.4       | 41.52 |
|        | 46                              | 63.20                        | 22.76 | 73.80       | 24.96 | 94.20       | 33.00 | 103.2       | 37.52 | 103.6       | 37.70 | 103.4       | 37.66 | 102.2       | 38.16 |
|        | 48                              | 63.20                        | 24.30 | 73.80       | 26.60 | 94.40       | 36.34 | 94.40       | 36.42 | 94.80       | 36.52 | 94.40       | 36.46 | 93.20       | 36.90 |
|        | 50                              | 63.20                        | 25.66 | 73.60       | 28.80 | 86.00       | 34.90 | 86.00       | 34.88 | 86.00       | 34.86 | 86.00       | 34.80 | 85.00       | 35.22 |
| 100    | 52                              | 63.40                        | 26.06 | 73.60       | 31.62 | 74.80       | 30.48 | 75.00       | 30.16 | 75.20       | 29.84 | 74.80       | 29.56 | 75.80       | 29.56 |
|        | 10                              | 18.40                        | 1.22  | 29.40       | 1.96  | 41.60       | 2.80  | 44.60       | 3.00  | 47.60       | 3.20  | 50.60       | 3.42  | 53.80       | 3.68  |
|        | 12                              | 18.40                        | 1.22  | 29.40       | 1.96  | 41.60       | 2.80  | 44.60       | 3.02  | 47.60       | 3.22  | 50.60       | 3.44  | 53.80       | 3.72  |
|        | 14                              | 18.40                        | 1.16  | 29.40       | 1.90  | 41.60       | 2.82  | 44.60       | 3.04  | 47.60       | 3.26  | 50.60       | 3.48  | 53.80       | 3.76  |
|        | 16                              | 18.40                        | 1.08  | 29.40       | 1.86  | 41.60       | 2.84  | 44.60       | 3.10  | 47.60       | 3.32  | 50.60       | 3.56  | 53.80       | 3.88  |
|        | 18                              | 18.40                        | 1.06  | 29.40       | 1.90  | 41.60       | 2.92  | 44.60       | 3.18  | 47.60       | 3.46  | 50.60       | 3.70  | 53.80       | 4.06  |
|        | 20                              | 18.40                        | 1.10  | 29.40       | 1.98  | 41.60       | 3.16  | 44.60       | 3.46  | 47.60       | 3.76  | 50.60       | 4.10  | 53.80       | 4.68  |
|        | 21                              | 20.80                        | 1.34  | 31.80       | 2.38  | 44.00       | 3.98  | 46.80       | 4.44  | 49.60       | 4.90  | 52.60       | 5.38  | 55.60       | 6.04  |
|        | 23                              | 25.60                        | 3.74  | 36.40       | 4.76  | 48.60       | 6.00  | 51.20       | 6.30  | 54.00       | 6.56  | 56.40       | 6.80  | 59.20       | 7.22  |
|        | 25                              | 30.60                        | 4.58  | 41.20       | 5.82  | 53.20       | 7.42  | 55.80       | 7.74  | 58.40       | 7.98  | 60.60       | 8.22  | 62.80       | 8.72  |
|        | 27                              | 35.60                        | 5.76  | 46.20       | 7.36  | 58.00       | 9.10  | 60.40       | 9.50  | 63.00       | 9.92  | 64.60       | 10.22 | 70.20       | 11.34 |
|        | 29                              | 40.80                        | 7.50  | 51.20       | 9.14  | 63.00       | 11.24 | 65.20       | 11.66 | 67.60       | 12.14 | 71.80       | 12.94 | 83.20       | 15.76 |
|        | 31                              | 46.20                        | 9.54  | 56.40       | 11.16 | 68.00       | 13.56 | 70.20       | 14.02 | 76.20       | 15.44 | 84.80       | 17.60 | 96.00       | 21.20 |
|        | 33                              | 51.80                        | 11.68 | 61.60       | 13.56 | 73.20       | 16.40 | 80.60       | 18.38 | 89.60       | 21.04 | 98.00       | 23.72 | 108.8       | 28.28 |
|        | 35                              | 57.40                        | 14.36 | 67.00       | 16.52 | 85.80       | 22.20 | 94.00       | 24.98 | 103.0       | 28.38 | 111.0       | 31.62 | 121.6       | 37.42 |
| 90     | 37                              | 57.40                        | 15.30 | 67.00       | 17.64 | 85.80       | 23.70 | 94.00       | 26.68 | 103.0       | 30.28 | 111.0       | 33.76 | 121.6       | 40.02 |
|        | 39                              | 57.40                        | 16.32 | 67.00       | 18.82 | 85.80       | 25.30 | 94.00       | 28.48 | 103.0       | 31.82 | 111.0       | 34.36 | 121.6       | 40.46 |
|        | 41                              | 57.40                        | 17.44 | 67.00       | 20.10 | 85.80       | 27.00 | 94.00       | 29.40 | 103.0       | 31.76 | 111.0       | 34.98 | 121.6       | 41.68 |
|        | 43                              | 57.40                        | 18.64 | 67.00       | 21.48 | 85.80       | 27.50 | 94.00       | 29.68 | 102.8       | 33.38 | 111.0       | 37.30 | 116.6       | 41.56 |
|        | 46                              | 57.40                        | 20.58 | 67.00       | 23.18 | 85.60       | 29.08 | 94.00       | 32.78 | 103.0       | 37.32 | 103.8       | 37.70 | 102.2       | 38.12 |
|        | 48                              | 57.40                        | 21.98 | 67.00       | 24.54 | 85.80       | 31.98 | 93.80       | 36.10 | 94.60       | 36.48 | 94.60       | 36.44 | 93.40       | 36.88 |
|        | 50                              | 57.40                        | 23.48 | 67.00       | 25.86 | 85.80       | 34.70 | 86.20       | 34.88 | 86.00       | 34.84 | 86.20       | 34.88 | 84.80       | 35.20 |
|        | 52                              | 57.40                        | 23.86 | 67.00       | 27.90 | 74.00       | 31.38 | 74.40       | 30.90 | 74.80       | 30.40 | 75.20       | 29.92 | 75.60       | 29.92 |
|        | 10                              | 16.60                        | 1.10  | 26.40       | 1.76  | 37.40       | 2.50  | 40.20       | 2.70  | 42.80       | 2.88  | 45.60       | 3.06  | 48.40       | 3.30  |
|        | 12                              | 16.60                        | 1.06  | 26.40       | 1.76  | 37.40       | 2.52  | 40.20       | 2.70  | 42.80       | 2.88  | 45.60       | 3.08  | 48.40       | 3.32  |
|        | 14                              | 16.60                        | 1.00  | 26.40       | 1.68  | 37.40       | 2.46  | 40.20       | 2.72  | 42.80       | 2.92  | 45.60       | 3.12  | 48.40       | 3.36  |
|        | 16                              | 16.60                        | 0.96  | 26.40       | 1.58  | 37.40       | 2.48  | 40.20       | 2.72  | 42.80       | 2.96  | 45.60       | 3.18  | 48.40       | 3.44  |
|        | 18                              | 16.60                        | 0.90  | 26.40       | 1.62  | 37.40       | 2.54  | 40.20       | 2.78  | 42.80       | 3.02  | 45.60       | 3.30  | 48.40       | 3.58  |
|        | 20                              | 16.60                        | 0.94  | 26.40       | 1.70  | 37.40       | 2.72  | 40.20       | 3.00  | 42.80       | 3.26  | 45.60       | 3.56  | 48.40       | 4.04  |
|        | 21                              | 18.60                        | 1.12  | 28.60       | 2.02  | 39.60       | 3.34  | 42.20       | 3.70  | 44.60       | 4.12  | 47.40       | 4.52  | 50.00       | 5.42  |
|        | 23                              | 23.00                        | 3.42  | 32.80       | 4.36  | 43.60       | 5.50  | 46.20       | 5.76  | 48.60       | 6.04  | 50.80       | 6.26  | 53.20       | 6.62  |
|        | 25                              | 27.60                        | 4.18  | 37.00       | 5.28  | 47.80       | 6.66  | 50.20       | 7.04  | 52.60       | 7.34  | 54.40       | 7.58  | 56.60       | 7.92  |
|        | 27                              | 32.20                        | 5.16  | 41.40       | 6.54  | 52.20       | 8.22  | 54.40       | 8.56  | 56.60       | 8.90  | 58.20       | 9.14  | 63.20       | 10.20 |
|        | 29                              | 36.80                        | 6.60  | 46.00       | 8.30  | 56.60       | 10.12 | 58.60       | 10.48 | 60.80       | 10.88 | 64.60       | 11.56 | 74.80       | 13.90 |
|        | 31                              | 41.80                        | 8.72  | 50.60       | 10.12 | 61.20       | 12.12 | 63.20       | 12.52 | 68.60       | 13.68 | 76.40       | 15.48 | 86.40       | 18.48 |
|        | 33                              | 46.60                        | 10.62 | 55.40       | 12.20 | 65.80       | 14.56 | 72.40       | 16.22 | 80.60       | 18.42 | 88.20       | 20.62 | 98.00       | 24.36 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 51.80                        | 12.92 | 60.40       | 14.74 | 77.20       | 19.46 | 84.60       | 21.78 | 92.60       | 24.54 | 100.0       | 27.20 | 109.4       | 31.88 |
|        | 37                              | 51.80                        | 13.76 | 60.40       | 15.72 | 77.20       | 20.78 | 84.60       | 23.24 | 92.60       | 26.20 | 100.0       | 29.04 | 109.4       | 34.06 |
|        | 39                              | 51.80                        | 14.70 | 60.40       | 16.78 | 77.20       | 22.20 | 84.60       | 24.82 | 92.60       | 27.96 | 100.0       | 31.00 | 109.4       | 35.76 |
|        | 41                              | 51.80                        | 15.68 | 60.40       | 17.92 | 77.20       | 23.70 | 84.60       | 26.50 | 92.60       | 29.34 | 100.0       | 31.36 | 109.4       | 35.74 |
|        | 43                              | 51.80                        | 16.76 | 60.40       | 19.16 | 77.20       | 25.30 | 84.60       | 27.40 | 92.60       | 29.66 | 100.0       | 31.96 | 109.4       | 37.64 |
|        | 46                              | 51.80                        | 18.52 | 60.40       | 21.14 | 77.20       | 26.34 | 84.40       | 28.52 | 92.80       | 32.18 | 99.80       | 35.76 | 102.4       | 38.14 |
|        | 48                              | 51.80                        | 19.78 | 60.40       | 22.60 | 77.20       | 28.06 | 84.40       | 31.38 | 92.60       | 35.46 | 94.60       | 36.50 | 93.60       | 36.98 |
|        | 50                              | 51.80                        | 21.16 | 60.40       | 23.68 | 77.20       | 30.40 | 84.40       | 34.02 | 86.00       | 34.82 | 86.20       | 34.86 | 85.20       | 35.28 |
|        | 52                              | 51.80                        | 22.62 | 60.40       | 24.40 | 73.80       | 31.86 | 74.20       | 31.36 | 74.60       | 30.84 | 74.80       | 30.36 | 75.20       | 30.38 |
| 80     | 10                              | 14.60                        | 0.98  | 23.60       | 1.56  | 33.40       | 2.22  | 35.60       | 2.38  | 38.00       | 2.54  | 40.40       | 2.72  | 43.00       | 2.92  |
|        | 12                              | 14.60                        | 0.90  | 23.60       | 1.56  | 33.40       | 2.22  | 35.60       | 2.40  | 38.00       | 2.56  | 40.40       | 2.72  | 43.00       | 2.94  |
|        | 14                              | 14.60                        | 0.86  | 23.60       | 1.48  | 33.40       | 2.16  | 35.60       | 2.32  | 38.00       | 2.50  | 40.40       | 2.74  | 43.00       | 2.96  |
|        | 16                              | 14.60                        | 0.82  | 23.60       | 1.38  | 33.40       | 2.10  | 35.60       | 2.32  | 38.00       | 2.54  | 40.40       | 2.76  | 43.00       | 3.02  |
|        | 18                              | 14.60                        | 0.80  | 23.60       | 1.38  | 33.40       | 2.16  | 35.60       | 2.38  | 38.00       | 2.60  | 40.40       | 2.82  | 43.00       | 3.12  |
|        | 20                              | 14.60                        | 0.78  | 23.60       | 1.42  | 33.40       | 2.28  | 35.60       | 2.52  | 38.00       | 2.78  | 40.40       | 3.02  | 43.00       | 3.42  |
|        | 21                              | 16.60                        | 0.94  | 25.40       | 1.66  | 35.20       | 2.74  | 37.40       | 3.04  | 39.80       | 3.38  | 42.00       | 3.72  | 44.60       | 4.42  |
|        | 23                              | 20.40                        | 3.12  | 29.20       | 3.94  | 38.80       | 4.94  | 41.00       | 5.24  | 43.20       | 5.48  | 45.20       | 5.66  | 47.40       | 6.02  |
|        | 25                              | 24.40                        | 3.74  | 33.00       | 4.72  | 42.60       | 5.96  | 44.60       | 6.22  | 46.80       | 6.58  | 48.40       | 6.84  | 50.40       | 7.20  |
|        | 27                              | 28.60                        | 4.64  | 36.80       | 5.80  | 46.40       | 7.40  | 48.40       | 7.68  | 50.40       | 7.96  | 51.60       | 8.16  | 56.20       | 9.04  |
|        | 29                              | 32.80                        | 5.88  | 41.00       | 7.34  | 50.40       | 9.00  | 52.20       | 9.32  | 54.20       | 9.66  | 57.40       | 10.26 | 66.60       | 12.20 |
|        | 31                              | 37.00                        | 7.66  | 45.00       | 9.10  | 54.40       | 10.80 | 56.00       | 11.12 | 61.00       | 12.08 | 67.80       | 13.54 | 76.80       | 15.98 |
|        | 33                              | 41.40                        | 9.54  | 49.40       | 10.92 | 58.60       | 12.86 | 64.40       | 14.22 | 71.60       | 16.02 | 78.20       | 17.80 | 87.20       | 20.82 |
|        | 35                              | 46.00                        | 11.58 | 53.60       | 13.08 | 68.60       | 16.96 | 75.20       | 18.84 | 82.40       | 21.10 | 88.80       | 23.22 | 97.40       | 26.98 |
|        | 37                              | 46.00                        | 12.32 | 53.60       | 13.94 | 68.60       | 18.10 | 75.20       | 20.12 | 82.40       | 22.50 | 88.80       | 24.78 | 97.40       | 28.80 |
|        | 39                              | 46.00                        | 13.14 | 53.60       | 14.88 | 68.60       | 19.32 | 75.20       | 21.48 | 82.40       | 24.02 | 88.80       | 26.46 | 97.40       | 30.74 |
|        | 41                              | 46.00                        | 14.04 | 53.60       | 15.88 | 68.60       | 20.64 | 75.20       | 22.94 | 82.40       | 25.66 | 88.80       | 28.24 | 97.40       | 32.42 |
|        | 43                              | 46.00                        | 15.00 | 53.60       | 16.98 | 68.60       | 22.04 | 75.20       | 24.46 | 82.40       | 27.00 | 88.80       | 28.90 | 97.40       | 32.80 |
|        | 46                              | 46.00                        | 16.56 | 53.60       | 18.76 | 68.60       | 23.96 | 75.20       | 25.94 | 82.40       | 28.08 | 88.80       | 30.44 | 97.20       | 35.46 |
|        | 48                              | 46.00                        | 17.72 | 53.60       | 20.06 | 68.60       | 25.34 | 75.20       | 27.42 | 82.40       | 30.40 | 88.80       | 33.50 | 93.60       | 36.98 |
|        | 50                              | 46.00                        | 18.96 | 53.60       | 21.44 | 68.60       | 26.54 | 75.00       | 29.42 | 82.40       | 32.92 | 86.20       | 34.86 | 84.80       | 35.22 |
|        | 52                              | 46.00                        | 20.28 | 53.60       | 21.76 | 68.60       | 28.66 | 73.80       | 31.64 | 74.20       | 31.44 | 74.40       | 30.94 | 74.80       | 30.96 |
| 70     | 10                              | 12.80                        | 0.86  | 20.60       | 1.36  | 29.20       | 1.94  | 31.20       | 2.08  | 33.20       | 2.22  | 35.40       | 2.36  | 37.60       | 2.54  |
|        | 12                              | 12.80                        | 0.76  | 20.60       | 1.30  | 29.20       | 1.94  | 31.20       | 2.08  | 33.20       | 2.22  | 35.40       | 2.38  | 37.60       | 2.56  |
|        | 14                              | 12.80                        | 0.74  | 20.60       | 1.26  | 29.20       | 1.84  | 31.20       | 2.00  | 33.20       | 2.16  | 35.40       | 2.30  | 37.60       | 2.50  |
|        | 16                              | 12.80                        | 0.70  | 20.60       | 1.18  | 29.20       | 1.76  | 31.20       | 1.92  | 33.20       | 2.12  | 35.40       | 2.30  | 37.60       | 2.52  |
|        | 18                              | 12.80                        | 0.68  | 20.60       | 1.14  | 29.20       | 1.78  | 31.20       | 1.96  | 33.20       | 2.16  | 35.40       | 2.36  | 37.60       | 2.60  |
|        | 20                              | 12.80                        | 0.66  | 20.60       | 1.16  | 29.20       | 1.86  | 31.20       | 2.08  | 33.20       | 2.28  | 35.40       | 2.50  | 37.60       | 2.82  |
|        | 21                              | 14.60                        | 0.76  | 22.20       | 1.34  | 30.80       | 2.18  | 32.80       | 2.44  | 34.80       | 2.70  | 36.80       | 2.98  | 38.80       | 3.48  |
|        | 23                              | 18.00                        | 2.70  | 25.40       | 3.52  | 34.00       | 4.38  | 35.80       | 4.64  | 37.80       | 4.88  | 39.60       | 5.08  | 41.40       | 5.40  |
|        | 25                              | 21.40                        | 3.34  | 28.80       | 4.20  | 37.20       | 5.26  | 39.00       | 5.54  | 40.80       | 5.78  | 42.40       | 6.00  | 44.00       | 6.36  |
|        | 27                              | 25.00                        | 4.06  | 32.20       | 5.10  | 40.60       | 6.34  | 42.40       | 6.70  | 44.00       | 7.10  | 45.20       | 7.26  | 49.20       | 7.96  |
|        | 29                              | 28.80                        | 5.10  | 35.80       | 6.36  | 44.00       | 7.96  | 45.60       | 8.22  | 47.40       | 8.50  | 50.20       | 8.98  | 58.20       | 10.64 |
|        | 31                              | 32.40                        | 6.56  | 39.40       | 8.12  | 47.60       | 9.56  | 49.00       | 9.84  | 53.20       | 10.60 | 59.40       | 11.78 | 67.20       | 13.72 |
|        | 33                              | 36.40                        | 8.40  | 43.00       | 9.68  | 51.20       | 11.28 | 56.40       | 12.38 | 62.60       | 13.82 | 68.60       | 15.22 | 76.20       | 17.64 |
|        | 35                              | 40.40                        | 10.28 | 46.80       | 11.54 | 60.00       | 14.66 | 65.80       | 16.16 | 72.00       | 17.94 | 77.60       | 19.62 | 85.00       | 22.60 |
|        | 37                              | 40.40                        | 10.94 | 46.80       | 12.28 | 60.00       | 15.62 | 65.80       | 17.24 | 72.00       | 19.16 | 77.60       | 20.94 | 85.00       | 24.10 |
|        | 39                              | 40.40                        | 11.66 | 46.80       | 13.10 | 60.00       | 16.70 | 65.80       | 18.42 | 72.00       | 20.44 | 77.60       | 22.36 | 85.00       | 25.72 |
|        | 41                              | 40.40                        | 12.46 | 46.80       | 14.00 | 60.00       | 17.82 | 65.80       | 19.68 | 72.00       | 21.84 | 77.60       | 23.88 | 85.00       | 27.46 |
|        | 43                              | 40.40                        | 13.34 | 46.80       | 14.96 | 60.00       | 19.04 | 65.80       | 21.00 | 72.00       | 23.30 | 77.60       | 25.48 | 85.00       | 29.30 |
|        | 46                              | 40.40                        | 14.74 | 46.80       | 16.52 | 60.00       | 21.04 | 65.80       | 23.18 | 72.00       | 25.20 | 77.60       | 26.96 | 85.00       | 30.46 |
|        | 48                              | 40.40                        | 15.78 | 46.80       | 17.68 | 60.00       | 22.48 | 65.80       | 24.76 | 72.00       | 26.66 | 77.60       | 28.48 | 85.20       | 32.56 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 40.40                        | 16.88 | 46.80       | 18.92 | 60.00       | 24.00 | 65.80       | 25.76 | 72.00       | 28.04 | 77.80       | 30.66 | 85.00       | 35.26 |
|        | 52                         | 40.40                        | 18.08 | 46.80       | 20.22 | 60.00       | 24.02 | 65.80       | 26.98 | 72.00       | 30.60 | 74.00       | 31.74 | 74.20       | 31.76 |
| 60     | 10                         | 11.00                        | 0.74  | 17.60       | 1.16  | 25.00       | 1.66  | 26.80       | 1.78  | 28.60       | 1.90  | 30.40       | 2.02  | 32.20       | 2.18  |
|        | 12                         | 11.00                        | 0.64  | 17.60       | 1.06  | 25.00       | 1.60  | 26.80       | 1.78  | 28.60       | 1.90  | 30.40       | 2.02  | 32.20       | 2.18  |
|        | 14                         | 11.00                        | 0.62  | 17.60       | 1.02  | 25.00       | 1.54  | 26.80       | 1.68  | 28.60       | 1.82  | 30.40       | 1.94  | 32.20       | 2.10  |
|        | 16                         | 11.00                        | 0.60  | 17.60       | 0.98  | 25.00       | 1.46  | 26.80       | 1.58  | 28.60       | 1.72  | 30.40       | 1.84  | 32.20       | 2.04  |
|        | 18                         | 11.00                        | 0.58  | 17.60       | 0.94  | 25.00       | 1.42  | 26.80       | 1.58  | 28.60       | 1.72  | 30.40       | 1.90  | 32.20       | 2.08  |
|        | 20                         | 11.00                        | 0.54  | 17.60       | 0.94  | 25.00       | 1.48  | 26.80       | 1.64  | 28.60       | 1.82  | 30.40       | 2.00  | 32.20       | 2.24  |
|        | 21                         | 12.40                        | 0.62  | 19.00       | 1.04  | 26.40       | 1.70  | 28.00       | 1.88  | 29.80       | 2.10  | 31.60       | 2.30  | 33.40       | 2.68  |
|        | 23                         | 15.40                        | 1.80  | 21.80       | 2.90  | 29.20       | 3.84  | 30.80       | 4.06  | 32.40       | 4.28  | 33.80       | 4.44  | 35.60       | 4.74  |
|        | 25                         | 19.20                        | 3.06  | 24.80       | 3.66  | 32.00       | 4.50  | 33.40       | 4.78  | 35.00       | 5.02  | 36.40       | 5.24  | 37.80       | 5.50  |
|        | 27                         | 21.40                        | 3.56  | 27.60       | 4.36  | 34.80       | 5.42  | 36.20       | 5.72  | 37.80       | 5.98  | 38.80       | 6.22  | 42.20       | 6.86  |
|        | 29                         | 24.60                        | 4.38  | 30.60       | 5.38  | 37.80       | 6.68  | 39.20       | 7.06  | 40.60       | 7.44  | 43.00       | 7.82  | 50.00       | 9.12  |
|        | 31                         | 27.80                        | 5.58  | 33.80       | 6.86  | 40.80       | 8.36  | 42.00       | 8.60  | 45.80       | 9.24  | 51.00       | 10.16 | 57.60       | 11.68 |
|        | 33                         | 31.20                        | 7.24  | 37.00       | 8.48  | 44.00       | 9.82  | 48.40       | 10.72 | 53.80       | 11.84 | 58.80       | 12.92 | 65.40       | 14.78 |
|        | 35                         | 34.60                        | 8.88  | 40.20       | 10.04 | 51.40       | 12.56 | 56.40       | 13.72 | 61.80       | 15.10 | 66.60       | 16.40 | 73.00       | 18.68 |
|        | 37                         | 34.60                        | 9.42  | 40.20       | 10.68 | 51.40       | 13.38 | 56.40       | 14.64 | 61.80       | 16.12 | 66.60       | 17.50 | 73.00       | 19.92 |
|        | 39                         | 34.60                        | 10.12 | 40.20       | 11.40 | 51.40       | 14.30 | 56.40       | 15.62 | 61.80       | 17.20 | 66.60       | 18.70 | 73.00       | 21.28 |
|        | 41                         | 34.60                        | 10.80 | 40.20       | 12.16 | 51.40       | 15.26 | 56.40       | 16.70 | 61.80       | 18.38 | 66.60       | 19.96 | 73.00       | 22.72 |
|        | 43                         | 34.60                        | 11.54 | 40.20       | 13.02 | 51.40       | 16.30 | 56.40       | 17.84 | 61.80       | 19.62 | 66.60       | 21.32 | 73.00       | 24.26 |
|        | 46                         | 34.60                        | 12.78 | 40.20       | 14.44 | 51.40       | 18.02 | 56.40       | 19.70 | 61.80       | 21.68 | 66.60       | 23.52 | 73.00       | 26.76 |
|        | 48                         | 34.60                        | 13.70 | 40.20       | 15.46 | 51.40       | 19.28 | 56.40       | 21.06 | 61.80       | 23.14 | 66.60       | 25.10 | 73.00       | 28.14 |
|        | 50                         | 34.60                        | 14.72 | 40.20       | 16.56 | 51.40       | 20.60 | 56.40       | 22.50 | 61.80       | 24.72 | 66.60       | 26.24 | 73.00       | 29.46 |
|        | 52                         | 34.60                        | 15.86 | 40.20       | 17.72 | 51.40       | 22.00 | 56.40       | 22.86 | 61.80       | 24.76 | 66.60       | 27.34 | 73.00       | 31.58 |
| 50     | 10                         | 9.20                         | 0.72  | 14.60       | 0.98  | 20.80       | 1.38  | 22.20       | 1.46  | 23.80       | 1.58  | 25.40       | 1.68  | 27.00       | 1.80  |
|        | 12                         | 9.20                         | 0.62  | 14.60       | 0.86  | 20.80       | 1.26  | 22.20       | 1.40  | 23.80       | 1.52  | 25.40       | 1.64  | 27.00       | 1.80  |
|        | 14                         | 9.20                         | 0.60  | 14.60       | 0.82  | 20.80       | 1.22  | 22.20       | 1.34  | 23.80       | 1.44  | 25.40       | 1.56  | 27.00       | 1.72  |
|        | 16                         | 9.20                         | 0.58  | 14.60       | 0.80  | 20.80       | 1.18  | 22.20       | 1.26  | 23.80       | 1.38  | 25.40       | 1.50  | 27.00       | 1.62  |
|        | 18                         | 9.20                         | 0.54  | 14.60       | 0.76  | 20.80       | 1.12  | 22.20       | 1.22  | 23.80       | 1.32  | 25.40       | 1.46  | 27.00       | 1.60  |
|        | 20                         | 9.20                         | 0.52  | 14.60       | 0.74  | 20.80       | 1.12  | 22.20       | 1.24  | 23.80       | 1.38  | 25.40       | 1.52  | 27.00       | 1.70  |
|        | 21                         | 10.40                        | 0.52  | 15.80       | 0.80  | 22.00       | 1.26  | 23.40       | 1.40  | 24.80       | 1.54  | 26.40       | 1.70  | 27.80       | 1.94  |
|        | 23                         | 12.80                        | 1.18  | 18.20       | 1.84  | 24.20       | 3.26  | 25.60       | 3.46  | 27.00       | 3.66  | 28.20       | 3.84  | 29.60       | 4.04  |
|        | 25                         | 18.40                        | 2.96  | 20.60       | 3.14  | 26.60       | 3.84  | 27.80       | 4.04  | 29.20       | 4.24  | 30.20       | 4.42  | 31.40       | 4.66  |
|        | 27                         | 18.20                        | 3.20  | 23.00       | 3.70  | 29.00       | 4.54  | 30.20       | 4.76  | 31.40       | 5.02  | 32.40       | 5.20  | 35.20       | 5.70  |
|        | 29                         | 20.40                        | 3.80  | 25.60       | 4.54  | 31.40       | 5.52  | 32.60       | 5.78  | 33.80       | 6.08  | 36.00       | 6.54  | 41.60       | 7.60  |
|        | 31                         | 23.20                        | 4.72  | 28.00       | 5.60  | 34.00       | 6.90  | 35.00       | 7.28  | 38.00       | 7.90  | 42.40       | 8.66  | 48.00       | 9.84  |
|        | 33                         | 25.80                        | 6.06  | 30.80       | 7.20  | 36.60       | 8.32  | 40.20       | 9.10  | 44.80       | 10.00 | 49.00       | 10.84 | 54.40       | 12.24 |
|        | 35                         | 28.80                        | 7.62  | 33.40       | 8.46  | 43.00       | 10.64 | 47.00       | 11.54 | 51.40       | 12.56 | 55.60       | 13.52 | 60.80       | 15.22 |
|        | 37                         | 28.80                        | 8.20  | 33.40       | 9.10  | 43.00       | 11.32 | 47.00       | 12.30 | 51.40       | 13.40 | 55.60       | 14.42 | 60.80       | 16.24 |
|        | 39                         | 28.80                        | 8.68  | 33.40       | 9.66  | 43.00       | 12.08 | 47.00       | 13.10 | 51.40       | 14.30 | 55.60       | 15.40 | 60.80       | 17.34 |
|        | 41                         | 28.80                        | 9.22  | 33.40       | 10.28 | 43.00       | 12.90 | 47.00       | 14.00 | 51.40       | 15.26 | 55.60       | 16.44 | 60.80       | 18.50 |
|        | 43                         | 28.80                        | 9.80  | 33.40       | 10.98 | 43.00       | 13.80 | 47.00       | 14.96 | 51.40       | 16.32 | 55.60       | 17.58 | 60.80       | 19.76 |
|        | 46                         | 28.80                        | 10.80 | 33.40       | 12.16 | 43.00       | 15.26 | 47.00       | 16.54 | 51.40       | 18.04 | 55.60       | 19.40 | 60.80       | 21.80 |
|        | 48                         | 28.80                        | 11.54 | 33.40       | 13.02 | 43.00       | 16.32 | 47.00       | 17.70 | 51.40       | 19.26 | 55.60       | 20.74 | 60.80       | 23.30 |
|        | 50                         | 28.80                        | 12.38 | 33.40       | 13.98 | 43.00       | 17.48 | 47.00       | 18.92 | 51.40       | 20.60 | 55.60       | 22.16 | 60.80       | 24.88 |
|        | 52                         | 28.80                        | 13.28 | 33.40       | 15.04 | 43.00       | 18.70 | 47.00       | 20.24 | 51.40       | 22.02 | 55.60       | 22.64 | 60.80       | 25.26 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM420LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 28.50                        | 2.56  | 44.30       | 3.79  | 58.30       | 4.71  | 60.90       | 4.67  | 63.20       | 4.56  | 66.90       | 4.60  | 70.40       | 4.78  |
|        | 12                         | 28.50                        | 2.46  | 44.30       | 3.66  | 58.30       | 4.59  | 60.90       | 4.53  | 63.20       | 4.44  | 66.90       | 4.51  | 70.40       | 4.75  |
|        | 14                         | 28.50                        | 2.34  | 44.30       | 3.52  | 58.30       | 4.47  | 60.90       | 4.44  | 63.20       | 4.35  | 66.90       | 4.48  | 70.40       | 4.76  |
|        | 16                         | 28.50                        | 2.25  | 44.30       | 3.42  | 58.30       | 4.44  | 60.90       | 4.41  | 63.20       | 4.39  | 66.90       | 4.55  | 70.40       | 4.90  |
|        | 18                         | 28.50                        | 2.20  | 44.30       | 3.40  | 58.30       | 4.48  | 60.90       | 4.53  | 63.20       | 4.59  | 66.90       | 4.81  | 70.40       | 5.30  |
|        | 20                         | 28.50                        | 2.19  | 44.30       | 3.51  | 58.30       | 4.85  | 60.90       | 5.10  | 63.20       | 5.30  | 66.90       | 5.79  | 70.40       | 6.62  |
|        | 21                         | 32.30                        | 2.67  | 47.70       | 4.32  | 61.40       | 6.37  | 63.90       | 6.79  | 66.10       | 6.86  | 69.40       | 7.17  | 72.60       | 7.60  |
|        | 23                         | 39.80                        | 6.09  | 54.70       | 7.13  | 67.80       | 8.02  | 69.90       | 8.57  | 71.80       | 8.84  | 74.60       | 9.11  | 77.40       | 9.62  |
|        | 25                         | 47.60                        | 7.46  | 62.00       | 8.73  | 74.40       | 10.08 | 76.20       | 11.11 | 77.80       | 11.44 | 79.90       | 11.70 | 82.20       | 12.29 |
|        | 27                         | 55.60                        | 9.39  | 69.40       | 11.01 | 81.10       | 12.89 | 82.50       | 14.64 | 83.70       | 14.82 | 85.40       | 15.02 | 91.90       | 16.76 |
|        | 29                         | 63.70                        | 12.02 | 77.00       | 13.97 | 88.00       | 16.27 | 89.00       | 18.53 | 89.90       | 18.67 | 94.70       | 19.70 | 108.7       | 24.13 |
|        | 31                         | 72.10                        | 15.12 | 84.80       | 17.17 | 95.10       | 20.12 | 95.70       | 22.10 | 101.3       | 23.76 | 111.8       | 26.97 | 125.2       | 32.55 |
|        | 33                         | 80.70                        | 18.91 | 92.70       | 21.39 | 102.4       | 25.00 | 109.9       | 28.89 | 119.1       | 32.47 | 128.1       | 36.07 | 143.3       | 43.90 |
|        | 35                         | 89.40                        | 23.71 | 101.0       | 26.49 | 120.1       | 35.61 | 128.0       | 39.20 | 135.9       | 43.47 | 148.3       | 49.02 | 164.9       | 55.95 |
|        | 37                         | 89.40                        | 25.31 | 101.0       | 28.23 | 119.7       | 36.69 | 126.8       | 40.05 | 139.9       | 46.40 | 152.9       | 51.98 | 160.2       | 55.14 |
|        | 39                         | 89.40                        | 26.99 | 101.0       | 30.18 | 118.4       | 36.69 | 130.7       | 42.14 | 144.4       | 49.20 | 153.0       | 52.31 | 153.7       | 52.78 |
|        | 41                         | 89.40                        | 29.32 | 99.30       | 31.93 | 120.9       | 39.06 | 133.4       | 45.06 | 142.2       | 49.27 | 144.4       | 49.48 | 144.9       | 50.31 |
|        | 43                         | 89.40                        | 31.73 | 97.00       | 31.90 | 124.0       | 43.15 | 132.4       | 47.38 | 133.9       | 47.54 | 136.1       | 47.72 | 136.8       | 48.62 |
|        | 46                         | 87.80                        | 34.91 | 97.50       | 35.87 | 118.1       | 45.51 | 119.0       | 45.60 | 120.6       | 45.80 | 122.5       | 46.04 | 122.9       | 46.64 |
|        | 48                         | 81.90                        | 35.24 | 95.10       | 40.04 | 104.9       | 44.47 | 105.9       | 44.60 | 107.2       | 44.81 | 108.9       | 44.92 | 109.3       | 45.58 |
|        | 50                         | 78.70                        | 37.48 | 90.30       | 43.27 | 91.90       | 43.23 | 92.80       | 43.26 | 93.80       | 43.56 | 95.60       | 43.66 | 95.70       | 44.21 |
|        | 52                         | 75.80                        | 40.99 | 76.00       | 40.88 | 78.30       | 40.02 | 79.00       | 39.73 | 80.10       | 39.94 | 81.70       | 39.82 | 82.40       | 40.22 |
| 120    | 10                         | 26.00                        | 2.33  | 40.40       | 3.54  | 53.70       | 4.56  | 56.20       | 4.69  | 58.40       | 4.60  | 62.00       | 4.55  | 65.20       | 4.68  |
|        | 12                         | 26.00                        | 2.25  | 40.40       | 3.40  | 53.70       | 4.41  | 56.20       | 4.51  | 58.40       | 4.48  | 62.00       | 4.48  | 65.20       | 4.63  |
|        | 14                         | 26.00                        | 2.15  | 40.40       | 3.29  | 53.70       | 4.30  | 56.20       | 4.40  | 58.40       | 4.39  | 62.00       | 4.39  | 65.20       | 4.58  |
|        | 16                         | 26.00                        | 2.05  | 40.40       | 3.18  | 53.70       | 4.23  | 56.20       | 4.34  | 58.40       | 4.35  | 62.00       | 4.36  | 65.20       | 4.65  |
|        | 18                         | 26.00                        | 2.00  | 40.40       | 3.13  | 53.70       | 4.24  | 56.20       | 4.39  | 58.40       | 4.43  | 62.00       | 4.53  | 65.20       | 4.91  |
|        | 20                         | 26.00                        | 1.98  | 40.40       | 3.21  | 53.70       | 4.51  | 56.20       | 4.76  | 58.40       | 4.86  | 62.00       | 5.11  | 65.20       | 5.84  |
|        | 21                         | 29.40                        | 2.39  | 43.50       | 3.87  | 56.70       | 5.84  | 59.00       | 6.24  | 61.00       | 6.36  | 64.30       | 6.54  | 67.30       | 6.99  |
|        | 23                         | 36.40                        | 5.78  | 49.90       | 6.82  | 62.50       | 7.78  | 64.50       | 7.89  | 66.40       | 7.90  | 69.10       | 8.07  | 71.60       | 8.53  |
|        | 25                         | 43.50                        | 7.00  | 56.50       | 8.31  | 68.60       | 9.57  | 70.30       | 9.79  | 71.90       | 9.87  | 74.00       | 10.13 | 76.10       | 10.62 |
|        | 27                         | 50.70                        | 8.69  | 63.30       | 10.35 | 74.80       | 12.07 | 76.20       | 12.30 | 77.40       | 12.60 | 79.10       | 12.78 | 85.10       | 14.21 |
|        | 29                         | 58.20                        | 11.07 | 70.20       | 13.05 | 81.20       | 14.83 | 82.10       | 15.24 | 83.20       | 15.59 | 87.80       | 16.53 | 100.7       | 20.07 |
|        | 31                         | 65.80                        | 13.88 | 77.30       | 16.05 | 87.70       | 17.99 | 88.40       | 18.72 | 93.60       | 20.48 | 103.8       | 23.37 | 116.2       | 27.99 |
|        | 33                         | 73.60                        | 17.21 | 84.60       | 19.74 | 94.30       | 22.04 | 101.4       | 25.42 | 110.2       | 29.00 | 119.9       | 32.48 | 131.7       | 38.43 |
|        | 35                         | 81.70                        | 21.41 | 92.10       | 24.31 | 110.7       | 30.55 | 118.4       | 36.33 | 126.6       | 40.15 | 135.7       | 44.26 | 149.0       | 51.40 |
|        | 37                         | 81.70                        | 22.96 | 92.10       | 25.80 | 110.7       | 32.80 | 118.4       | 37.43 | 126.6       | 41.23 | 138.2       | 46.53 | 153.7       | 54.35 |
|        | 39                         | 81.70                        | 24.65 | 92.10       | 27.43 | 110.7       | 34.56 | 118.3       | 37.63 | 130.5       | 43.34 | 143.1       | 49.17 | 150.1       | 53.01 |
|        | 41                         | 81.70                        | 26.94 | 92.10       | 29.98 | 109.5       | 34.81 | 120.6       | 39.86 | 133.4       | 46.16 | 140.9       | 49.40 | 141.4       | 50.30 |
|        | 43                         | 81.70                        | 29.37 | 91.70       | 30.83 | 112.1       | 38.19 | 123.8       | 43.89 | 130.9       | 47.45 | 132.8       | 47.44 | 133.3       | 48.31 |
|        | 46                         | 80.10                        | 32.84 | 88.00       | 31.70 | 115.1       | 44.63 | 116.6       | 45.21 | 117.5       | 45.32 | 119.4       | 45.36 | 120.0       | 46.11 |
|        | 48                         | 74.90                        | 33.26 | 86.10       | 35.48 | 102.9       | 44.18 | 103.6       | 44.29 | 104.4       | 44.42 | 106.2       | 44.50 | 106.6       | 45.12 |
|        | 50                         | 69.60                        | 33.64 | 83.10       | 39.37 | 90.20       | 43.10 | 91.00       | 43.19 | 92.00       | 43.45 | 93.40       | 43.53 | 93.50       | 43.82 |
|        | 52                         | 67.00                        | 36.36 | 74.40       | 40.57 | 76.50       | 40.31 | 77.30       | 40.20 | 78.00       | 40.04 | 79.30       | 39.98 | 80.30       | 40.36 |
| 110    | 10                         | 23.60                        | 2.09  | 36.60       | 3.25  | 49.30       | 4.27  | 51.50       | 4.45  | 54.40       | 4.53  | 56.80       | 4.56  | 61.10       | 4.67  |
|        | 12                         | 23.60                        | 2.03  | 36.60       | 3.13  | 49.30       | 4.14  | 51.50       | 4.27  | 54.40       | 4.39  | 56.80       | 4.45  | 61.10       | 4.60  |
|        | 14                         | 23.60                        | 1.94  | 36.60       | 3.02  | 49.30       | 4.04  | 51.50       | 4.18  | 54.40       | 4.31  | 56.80       | 4.37  | 61.10       | 4.54  |
|        | 16                         | 23.60                        | 1.85  | 36.60       | 2.92  | 49.30       | 3.96  | 51.50       | 4.12  | 54.40       | 4.27  | 56.80       | 4.32  | 61.10       | 4.51  |
|        | 18                         | 23.60                        | 1.80  | 36.60       | 2.87  | 49.30       | 3.98  | 51.50       | 4.16  | 54.40       | 4.31  | 56.80       | 4.40  | 61.10       | 4.66  |
|        | 20                         | 23.60                        | 1.78  | 36.60       | 2.89  | 49.30       | 4.19  | 51.50       | 4.39  | 54.40       | 4.64  | 56.80       | 4.80  | 61.10       | 5.28  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 26.70                        | 2.11  | 39.40       | 3.43  | 52.00       | 5.24  | 54.00       | 5.60  | 56.90       | 6.01  | 59.00       | 6.22  | 63.10       | 6.59  |
|        | 23                               | 32.90                        | 5.42  | 45.30       | 6.44  | 57.40       | 7.44  | 59.20       | 7.47  | 61.80       | 7.65  | 63.40       | 7.63  | 67.10       | 7.93  |
|        | 25                               | 39.30                        | 6.53  | 51.20       | 7.70  | 63.00       | 8.97  | 64.40       | 9.11  | 66.90       | 9.35  | 68.00       | 9.27  | 71.40       | 9.76  |
|        | 27                               | 45.90                        | 8.00  | 57.30       | 9.51  | 68.70       | 11.13 | 69.70       | 11.25 | 72.10       | 11.50 | 72.50       | 11.36 | 79.70       | 12.92 |
|        | 29                               | 52.60                        | 10.14 | 63.60       | 11.89 | 74.50       | 13.73 | 75.30       | 13.87 | 77.50       | 14.10 | 80.50       | 14.51 | 94.30       | 17.88 |
|        | 31                               | 59.60                        | 12.69 | 70.00       | 14.56 | 80.50       | 16.56 | 81.00       | 16.72 | 87.20       | 18.10 | 95.30       | 20.06 | 108.9       | 24.38 |
|        | 33                               | 66.60                        | 15.62 | 76.70       | 17.78 | 86.60       | 20.03 | 93.00       | 22.01 | 102.6       | 24.96 | 109.9       | 27.41 | 123.4       | 32.79 |
|        | 35                               | 73.90                        | 19.26 | 83.50       | 21.80 | 101.6       | 27.21 | 108.5       | 30.07 | 117.9       | 34.08 | 124.6       | 36.99 | 137.8       | 43.91 |
|        | 37                               | 73.90                        | 20.48 | 83.50       | 23.20 | 101.6       | 28.87 | 108.5       | 32.17 | 117.9       | 36.63 | 124.6       | 39.56 | 137.4       | 46.67 |
|        | 39                               | 73.90                        | 22.00 | 83.50       | 24.72 | 101.6       | 30.90 | 108.5       | 34.18 | 117.9       | 38.18 | 127.5       | 42.34 | 142.2       | 50.79 |
|        | 41                               | 73.90                        | 24.06 | 83.50       | 26.81 | 101.6       | 32.97 | 108.5       | 36.60 | 119.5       | 41.62 | 130.7       | 47.02 | 137.9       | 52.17 |
|        | 43                               | 73.90                        | 25.98 | 83.50       | 28.78 | 100.4       | 34.74 | 110.7       | 39.56 | 122.4       | 45.28 | 129.6       | 48.54 | 130.0       | 49.31 |
|        | 46                               | 72.50                        | 27.42 | 82.00       | 29.45 | 102.7       | 40.01 | 113.6       | 45.42 | 114.6       | 45.74 | 116.4       | 45.83 | 116.7       | 46.57 |
|        | 48                               | 67.80                        | 27.88 | 77.20       | 30.42 | 100.2       | 43.85 | 101.1       | 44.04 | 102.0       | 44.23 | 103.4       | 44.24 | 103.7       | 44.88 |
|        | 50                               | 63.00                        | 28.25 | 74.70       | 33.34 | 88.00       | 42.05 | 88.90       | 42.43 | 89.50       | 42.48 | 91.00       | 42.42 | 91.10       | 43.02 |
|        | 52                               | 58.40                        | 28.12 | 71.40       | 36.69 | 74.40       | 38.86 | 75.30       | 39.23 | 75.90       | 38.92 | 76.90       | 38.69 | 78.00       | 39.15 |
| 100    | 10                               | 20.50                        | 1.86  | 31.80       | 2.95  | 43.90       | 3.98  | 46.80       | 4.17  | 49.60       | 4.28  | 53.90       | 4.55  | 56.60       | 4.65  |
|        | 12                               | 20.50                        | 1.81  | 31.80       | 2.87  | 43.90       | 3.83  | 46.80       | 4.00  | 49.60       | 4.13  | 53.90       | 4.44  | 56.60       | 4.57  |
|        | 14                               | 20.50                        | 1.74  | 31.80       | 2.76  | 43.90       | 3.72  | 46.80       | 3.89  | 49.60       | 4.03  | 53.90       | 4.37  | 56.60       | 4.50  |
|        | 16                               | 20.50                        | 1.65  | 31.80       | 2.65  | 43.90       | 3.63  | 46.80       | 3.83  | 49.60       | 3.98  | 53.90       | 4.32  | 56.60       | 4.50  |
|        | 18                               | 20.50                        | 1.59  | 31.80       | 2.59  | 43.90       | 3.59  | 46.80       | 3.81  | 49.60       | 4.03  | 53.90       | 4.37  | 56.60       | 4.58  |
|        | 20                               | 20.50                        | 1.58  | 31.80       | 2.59  | 43.90       | 3.74  | 46.80       | 4.03  | 49.60       | 4.27  | 53.90       | 4.65  | 56.60       | 5.05  |
|        | 21                               | 23.20                        | 1.86  | 34.40       | 3.00  | 46.30       | 4.57  | 49.10       | 4.99  | 51.70       | 5.39  | 56.00       | 5.87  | 58.50       | 6.60  |
|        | 23                               | 28.60                        | 5.08  | 39.40       | 6.01  | 51.20       | 7.05  | 53.80       | 7.28  | 56.30       | 7.43  | 60.10       | 7.58  | 62.30       | 7.77  |
|        | 25                               | 34.20                        | 6.02  | 44.60       | 7.13  | 56.10       | 8.45  | 58.60       | 8.77  | 60.90       | 8.98  | 64.50       | 9.03  | 66.10       | 9.30  |
|        | 27                               | 39.90                        | 7.33  | 50.00       | 8.69  | 61.10       | 10.37 | 63.40       | 10.76 | 65.70       | 11.06 | 68.80       | 11.11 | 73.90       | 11.99 |
|        | 29                               | 45.70                        | 9.15  | 55.40       | 10.77 | 66.40       | 12.83 | 68.50       | 13.25 | 70.50       | 13.50 | 76.50       | 14.07 | 87.50       | 16.49 |
|        | 31                               | 51.70                        | 11.54 | 61.00       | 13.17 | 71.70       | 15.46 | 73.70       | 15.93 | 79.40       | 17.00 | 90.40       | 18.97 | 101.0       | 22.02 |
|        | 33                               | 57.90                        | 14.06 | 66.70       | 15.96 | 77.10       | 18.68 | 84.60       | 20.83 | 93.40       | 22.78 | 104.4       | 25.34 | 114.5       | 29.10 |
|        | 35                               | 64.30                        | 17.23 | 72.60       | 19.39 | 90.40       | 25.20 | 98.70       | 28.25 | 107.3       | 30.41 | 117.9       | 33.40 | 127.8       | 38.32 |
|        | 37                               | 64.30                        | 18.41 | 72.60       | 20.77 | 90.40       | 26.80 | 98.70       | 29.85 | 107.3       | 32.37 | 116.8       | 35.23 | 126.5       | 40.72 |
|        | 39                               | 64.30                        | 19.70 | 72.60       | 22.26 | 90.40       | 28.48 | 98.70       | 31.53 | 107.3       | 34.23 | 115.8       | 36.50 | 125.4       | 42.11 |
|        | 41                               | 64.30                        | 21.36 | 72.60       | 24.15 | 90.40       | 30.64 | 98.70       | 33.69 | 107.3       | 35.77 | 115.3       | 38.75 | 128.5       | 46.28 |
|        | 43                               | 64.30                        | 23.31 | 72.60       | 26.38 | 90.40       | 32.48 | 98.70       | 35.51 | 107.4       | 39.37 | 117.8       | 44.04 | 125.8       | 49.49 |
|        | 46                               | 63.10                        | 26.09 | 71.30       | 29.25 | 90.70       | 36.49 | 99.90       | 42.32 | 110.2       | 48.23 | 112.8       | 48.70 | 112.9       | 49.57 |
|        | 48                               | 59.10                        | 24.77 | 67.00       | 27.69 | 88.50       | 37.64 | 97.60       | 43.44 | 98.60       | 43.80 | 100.2       | 43.80 | 100.4       | 44.53 |
|        | 50                               | 55.20                        | 23.47 | 63.60       | 26.64 | 84.90       | 37.85 | 86.10       | 38.57 | 86.50       | 38.63 | 88.10       | 38.71 | 88.00       | 39.18 |
|        | 52                               | 51.20                        | 21.55 | 61.80       | 26.76 | 71.10       | 32.17 | 72.60       | 32.18 | 73.30       | 32.03 | 74.70       | 31.80 | 75.40       | 31.98 |
| 90     | 10                               | 18.50                        | 1.67  | 28.70       | 2.69  | 39.50       | 3.70  | 42.20       | 3.92  | 44.60       | 4.07  | 48.80       | 4.37  | 53.60       | 4.74  |
|        | 12                               | 18.50                        | 1.60  | 28.70       | 2.59  | 39.50       | 3.55  | 42.20       | 3.74  | 44.60       | 3.89  | 48.80       | 4.18  | 53.60       | 4.56  |
|        | 14                               | 18.50                        | 1.52  | 28.70       | 2.45  | 39.50       | 3.37  | 42.20       | 3.59  | 44.60       | 3.73  | 48.80       | 4.01  | 53.60       | 4.39  |
|        | 16                               | 18.50                        | 1.46  | 28.70       | 2.31  | 39.50       | 3.24  | 42.20       | 3.44  | 44.60       | 3.60  | 48.80       | 3.88  | 53.60       | 4.26  |
|        | 18                               | 18.50                        | 1.38  | 28.70       | 2.24  | 39.50       | 3.16  | 42.20       | 3.36  | 44.60       | 3.52  | 48.80       | 3.83  | 53.60       | 4.29  |
|        | 20                               | 18.50                        | 1.36  | 28.70       | 2.22  | 39.50       | 3.19  | 42.20       | 3.42  | 44.60       | 3.64  | 48.80       | 4.04  | 53.60       | 4.62  |
|        | 21                               | 20.80                        | 1.57  | 31.00       | 2.52  | 41.70       | 3.76  | 44.20       | 4.10  | 46.50       | 4.44  | 50.70       | 4.92  | 55.30       | 5.98  |
|        | 23                               | 25.70                        | 4.54  | 35.50       | 5.34  | 46.00       | 6.28  | 48.40       | 6.50  | 50.60       | 6.66  | 54.50       | 6.95  | 58.90       | 7.51  |
|        | 25                               | 30.80                        | 5.31  | 40.20       | 6.28  | 50.40       | 7.42  | 52.70       | 7.71  | 54.80       | 7.92  | 58.30       | 8.28  | 62.60       | 8.88  |
|        | 27                               | 35.90                        | 6.38  | 45.00       | 7.54  | 55.00       | 8.99  | 57.10       | 9.32  | 59.00       | 9.61  | 62.40       | 9.96  | 70.00       | 11.32 |
|        | 29                               | 41.20                        | 7.82  | 49.90       | 9.32  | 59.70       | 11.05 | 61.60       | 11.42 | 63.40       | 11.75 | 69.20       | 12.56 | 82.80       | 15.36 |
|        | 31                               | 46.60                        | 9.97  | 54.90       | 11.39 | 64.50       | 13.26 | 66.30       | 13.65 | 71.50       | 14.78 | 81.90       | 16.65 | 95.60       | 20.25 |
|        | 33                               | 52.10                        | 12.14 | 60.10       | 13.69 | 69.40       | 15.91 | 76.00       | 17.64 | 84.00       | 19.79 | 94.50       | 21.92 | 108.1       | 26.39 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 57.90                        | 14.71 | 65.50       | 16.48 | 81.40       | 21.19 | 88.80       | 23.64 | 96.50       | 26.24 | 107.1       | 28.99 | 119.7       | 34.28 |
|        | 37                              | 57.90                        | 15.63 | 65.50       | 17.55 | 81.40       | 22.61 | 88.80       | 25.17 | 96.50       | 27.85 | 107.1       | 30.86 | 118.7       | 36.17 |
|        | 39                              | 57.90                        | 16.62 | 65.50       | 18.71 | 81.40       | 24.05 | 88.80       | 26.84 | 96.50       | 29.48 | 107.1       | 32.99 | 117.7       | 37.80 |
|        | 41                              | 57.90                        | 18.58 | 65.50       | 20.82 | 81.40       | 26.57 | 88.80       | 29.58 | 96.50       | 31.96 | 106.6       | 34.84 | 115.0       | 39.19 |
|        | 43                              | 57.90                        | 20.39 | 65.50       | 22.86 | 81.40       | 29.29 | 88.80       | 31.87 | 96.50       | 33.96 | 104.9       | 36.94 | 115.9       | 43.71 |
|        | 46                              | 56.80                        | 23.45 | 64.30       | 26.44 | 80.10       | 32.98 | 87.60       | 36.03 | 97.80       | 41.29 | 107.4       | 46.33 | 111.1       | 49.56 |
|        | 48                              | 53.20                        | 22.43 | 60.40       | 25.32 | 76.40       | 32.22 | 86.40       | 37.57 | 95.50       | 42.78 | 99.10       | 43.91 | 98.90       | 44.62 |
|        | 50                              | 49.70                        | 21.43 | 56.50       | 23.97 | 75.00       | 33.13 | 84.70       | 38.50 | 85.30       | 39.10 | 87.00       | 38.67 | 86.80       | 39.31 |
|        | 52                              | 46.20                        | 20.43 | 53.20       | 22.79 | 71.00       | 32.98 | 73.50       | 33.86 | 72.00       | 33.14 | 73.60       | 32.02 | 74.00       | 32.29 |
| 80     | 10                              | 16.30                        | 1.60  | 25.50       | 2.43  | 35.10       | 3.42  | 37.40       | 3.65  | 39.70       | 3.83  | 43.40       | 4.22  | 47.60       | 4.58  |
|        | 12                              | 16.30                        | 1.41  | 25.50       | 2.34  | 35.10       | 3.28  | 37.40       | 3.50  | 39.70       | 3.66  | 43.40       | 4.02  | 47.60       | 4.37  |
|        | 14                              | 16.30                        | 1.35  | 25.50       | 2.23  | 35.10       | 3.11  | 37.40       | 3.31  | 39.70       | 3.47  | 43.40       | 3.84  | 47.60       | 4.17  |
|        | 16                              | 16.30                        | 1.29  | 25.50       | 2.10  | 35.10       | 2.96  | 37.40       | 3.17  | 39.70       | 3.34  | 43.40       | 3.69  | 47.60       | 4.03  |
|        | 18                              | 16.30                        | 1.25  | 25.50       | 2.02  | 35.10       | 2.88  | 37.40       | 3.08  | 39.70       | 3.26  | 43.40       | 3.59  | 47.60       | 3.96  |
|        | 20                              | 16.30                        | 1.21  | 25.50       | 1.99  | 35.10       | 2.88  | 37.40       | 3.09  | 39.70       | 3.29  | 43.40       | 3.67  | 47.60       | 4.19  |
|        | 21                              | 18.50                        | 1.39  | 27.50       | 2.23  | 37.00       | 3.30  | 39.30       | 3.57  | 41.50       | 3.85  | 45.10       | 4.36  | 49.30       | 5.20  |
|        | 23                              | 22.80                        | 4.35  | 31.60       | 5.06  | 40.90       | 5.92  | 43.00       | 6.16  | 45.10       | 6.33  | 48.50       | 6.73  | 52.40       | 7.22  |
|        | 25                              | 27.30                        | 4.99  | 35.70       | 5.89  | 44.80       | 6.95  | 46.90       | 7.18  | 48.80       | 7.41  | 52.00       | 7.88  | 55.70       | 8.43  |
|        | 27                              | 31.90                        | 5.95  | 39.90       | 6.99  | 48.90       | 8.32  | 50.80       | 8.61  | 52.60       | 8.85  | 55.50       | 9.36  | 62.20       | 10.46 |
|        | 29                              | 36.60                        | 7.22  | 44.30       | 8.53  | 53.00       | 10.08 | 54.80       | 10.42 | 56.50       | 10.72 | 61.60       | 11.77 | 73.60       | 14.01 |
|        | 31                              | 41.30                        | 9.05  | 48.70       | 10.45 | 57.30       | 12.11 | 58.90       | 12.46 | 63.60       | 13.40 | 72.80       | 15.51 | 85.00       | 18.15 |
|        | 33                              | 46.30                        | 11.09 | 53.40       | 12.52 | 61.70       | 14.39 | 67.60       | 15.88 | 74.80       | 17.72 | 84.00       | 20.19 | 96.40       | 23.38 |
|        | 35                              | 51.40                        | 13.41 | 58.10       | 14.93 | 72.30       | 18.92 | 78.90       | 20.98 | 86.00       | 23.30 | 95.30       | 26.21 | 107.7       | 30.26 |
|        | 37                              | 51.40                        | 14.21 | 58.10       | 15.89 | 72.30       | 20.13 | 78.90       | 22.36 | 86.00       | 24.80 | 95.30       | 27.81 | 107.7       | 32.22 |
|        | 39                              | 51.40                        | 15.07 | 58.10       | 16.87 | 72.30       | 21.53 | 78.90       | 23.98 | 86.00       | 26.59 | 95.30       | 29.52 | 107.7       | 34.47 |
|        | 41                              | 51.40                        | 16.76 | 58.10       | 18.77 | 72.30       | 23.82 | 78.90       | 26.50 | 86.00       | 29.42 | 95.30       | 32.26 | 107.5       | 37.52 |
|        | 43                              | 51.40                        | 18.60 | 58.10       | 20.74 | 72.30       | 26.29 | 78.90       | 29.19 | 86.00       | 32.25 | 95.30       | 34.52 | 105.2       | 39.37 |
|        | 46                              | 50.50                        | 21.25 | 57.00       | 23.87 | 71.00       | 30.00 | 77.60       | 32.73 | 84.50       | 36.13 | 93.90       | 39.52 | 104.1       | 46.18 |
|        | 48                              | 47.30                        | 20.30 | 53.60       | 22.84 | 66.80       | 28.58 | 73.00       | 31.10 | 82.00       | 36.48 | 91.80       | 40.53 | 97.40       | 44.62 |
|        | 50                              | 44.10                        | 19.38 | 50.10       | 21.81 | 62.90       | 27.22 | 71.10       | 31.51 | 80.60       | 37.48 | 85.70       | 38.77 | 85.50       | 39.34 |
|        | 52                              | 40.90                        | 18.45 | 46.60       | 20.21 | 61.30       | 27.66 | 68.60       | 31.84 | 71.70       | 34.22 | 72.20       | 32.31 | 72.80       | 32.61 |
| 70     | 10                              | 14.30                        | 1.45  | 22.30       | 2.07  | 30.70       | 2.94  | 32.80       | 3.18  | 34.70       | 3.37  | 38.00       | 3.74  | 41.70       | 4.18  |
|        | 12                              | 14.30                        | 1.16  | 22.30       | 1.96  | 30.70       | 2.85  | 32.80       | 3.05  | 34.70       | 3.23  | 38.00       | 3.58  | 41.70       | 3.99  |
|        | 14                              | 14.30                        | 1.13  | 22.30       | 1.88  | 30.70       | 2.69  | 32.80       | 2.89  | 34.70       | 3.06  | 38.00       | 3.39  | 41.70       | 3.78  |
|        | 16                              | 14.30                        | 1.09  | 22.30       | 1.79  | 30.70       | 2.55  | 32.80       | 2.74  | 34.70       | 2.92  | 38.00       | 3.24  | 41.70       | 3.64  |
|        | 18                              | 14.30                        | 1.05  | 22.30       | 1.72  | 30.70       | 2.48  | 32.80       | 2.67  | 34.70       | 2.84  | 38.00       | 3.15  | 41.70       | 3.55  |
|        | 20                              | 14.30                        | 1.02  | 22.30       | 1.68  | 30.70       | 2.45  | 32.80       | 2.66  | 34.70       | 2.83  | 38.00       | 3.16  | 41.70       | 3.65  |
|        | 21                              | 16.20                        | 1.16  | 24.10       | 1.86  | 32.40       | 2.75  | 34.40       | 2.99  | 36.30       | 3.21  | 39.40       | 3.60  | 43.00       | 4.32  |
|        | 23                              | 20.00                        | 3.42  | 27.60       | 4.67  | 35.80       | 5.37  | 37.60       | 5.59  | 39.40       | 5.76  | 42.40       | 6.22  | 45.80       | 6.78  |
|        | 25                              | 23.90                        | 4.49  | 31.30       | 5.30  | 39.20       | 6.24  | 41.00       | 6.49  | 42.60       | 6.66  | 45.40       | 7.15  | 48.70       | 7.69  |
|        | 27                              | 27.90                        | 5.27  | 35.00       | 6.24  | 42.80       | 7.32  | 44.50       | 7.59  | 45.90       | 7.88  | 48.50       | 8.42  | 54.50       | 9.42  |
|        | 29                              | 32.00                        | 6.36  | 38.80       | 7.45  | 46.40       | 8.86  | 47.90       | 9.14  | 49.40       | 9.41  | 53.80       | 10.40 | 64.40       | 12.57 |
|        | 31                              | 36.20                        | 7.83  | 42.80       | 9.23  | 50.10       | 10.66 | 51.50       | 10.97 | 55.60       | 11.74 | 63.70       | 13.64 | 74.40       | 16.19 |
|        | 33                              | 40.50                        | 9.68  | 46.70       | 10.95 | 54.00       | 12.55 | 59.20       | 13.74 | 65.40       | 15.24 | 73.50       | 17.57 | 84.30       | 20.75 |
|        | 35                              | 45.00                        | 11.69 | 50.90       | 13.05 | 63.30       | 16.22 | 69.00       | 17.87 | 75.20       | 19.73 | 83.20       | 22.59 | 94.20       | 26.44 |
|        | 37                              | 45.00                        | 12.43 | 50.90       | 13.84 | 63.30       | 17.26 | 69.00       | 19.04 | 75.20       | 21.04 | 83.20       | 24.08 | 94.20       | 28.05 |
|        | 39                              | 45.00                        | 13.22 | 50.90       | 14.76 | 63.30       | 18.47 | 69.00       | 20.43 | 75.20       | 22.61 | 83.20       | 25.76 | 94.20       | 30.11 |
|        | 41                              | 45.00                        | 14.71 | 50.90       | 16.31 | 63.30       | 20.41 | 69.00       | 22.60 | 75.20       | 24.89 | 83.20       | 28.53 | 94.20       | 33.00 |
|        | 43                              | 45.00                        | 16.24 | 50.90       | 17.99 | 63.30       | 22.52 | 69.00       | 24.91 | 75.20       | 27.44 | 83.20       | 31.50 | 94.20       | 36.21 |
|        | 46                              | 44.20                        | 18.52 | 49.90       | 20.68 | 62.20       | 25.89 | 67.90       | 28.43 | 73.90       | 31.24 | 81.80       | 35.62 | 92.50       | 40.35 |
|        | 48                              | 41.50                        | 17.73 | 46.90       | 19.81 | 58.50       | 24.82 | 63.80       | 27.24 | 69.50       | 29.79 | 76.90       | 33.77 | 88.60       | 39.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 38.70                        | 16.94 | 43.80       | 18.94 | 54.80       | 23.74 | 59.80       | 25.71 | 66.00       | 28.81 | 75.10       | 34.36 | 86.10       | 39.72 |
|        | 52                              | 35.90                        | 16.17 | 40.80       | 18.08 | 51.00       | 21.87 | 57.10       | 25.01 | 64.30       | 29.42 | 70.90       | 33.88 | 74.10       | 34.08 |
| 60     | 10                              | 12.30                        | 1.32  | 19.10       | 1.86  | 26.30       | 2.45  | 28.10       | 2.66  | 29.80       | 2.84  | 32.60       | 3.19  | 35.70       | 3.59  |
|        | 12                              | 12.30                        | 0.96  | 19.10       | 1.58  | 26.30       | 2.34  | 28.10       | 2.57  | 29.80       | 2.75  | 32.60       | 3.06  | 35.70       | 3.45  |
|        | 14                              | 12.30                        | 0.93  | 19.10       | 1.53  | 26.30       | 2.25  | 28.10       | 2.44  | 29.80       | 2.61  | 32.60       | 2.90  | 35.70       | 3.26  |
|        | 16                              | 12.30                        | 0.91  | 19.10       | 1.48  | 26.30       | 2.13  | 28.10       | 2.31  | 29.80       | 2.47  | 32.60       | 2.74  | 35.70       | 3.10  |
|        | 18                              | 12.30                        | 0.88  | 19.10       | 1.42  | 26.30       | 2.05  | 28.10       | 2.23  | 29.80       | 2.38  | 32.60       | 2.67  | 35.70       | 3.01  |
|        | 20                              | 12.30                        | 0.84  | 19.10       | 1.38  | 26.30       | 2.03  | 28.10       | 2.20  | 29.80       | 2.37  | 32.60       | 2.65  | 35.70       | 3.04  |
|        | 21                              | 13.90                        | 0.95  | 20.60       | 1.50  | 27.80       | 2.24  | 29.50       | 2.42  | 31.10       | 2.62  | 33.90       | 2.93  | 37.00       | 3.45  |
|        | 23                              | 17.20                        | 2.34  | 23.60       | 3.57  | 30.70       | 4.86  | 32.30       | 5.04  | 33.80       | 5.18  | 36.30       | 5.57  | 39.40       | 6.16  |
|        | 25                              | 21.30                        | 4.18  | 26.80       | 4.71  | 33.60       | 5.48  | 35.10       | 5.72  | 36.50       | 5.90  | 39.00       | 6.35  | 41.80       | 6.98  |
|        | 27                              | 23.90                        | 4.67  | 29.90       | 5.43  | 36.60       | 6.37  | 38.10       | 6.63  | 39.40       | 6.83  | 41.60       | 7.31  | 46.70       | 8.39  |
|        | 29                              | 27.40                        | 5.53  | 33.20       | 6.44  | 39.80       | 7.56  | 41.10       | 7.89  | 42.30       | 8.18  | 46.20       | 8.98  | 55.30       | 11.01 |
|        | 31                              | 31.00                        | 6.71  | 36.60       | 7.84  | 43.00       | 9.21  | 44.20       | 9.50  | 47.70       | 10.15 | 54.70       | 11.67 | 63.80       | 14.07 |
|        | 33                              | 34.80                        | 8.29  | 40.00       | 9.44  | 46.30       | 10.80 | 50.80       | 11.80 | 56.10       | 12.98 | 63.10       | 14.78 | 72.40       | 17.78 |
|        | 35                              | 38.60                        | 9.99  | 43.50       | 11.18 | 54.20       | 13.76 | 59.20       | 15.05 | 64.40       | 16.48 | 71.40       | 18.72 | 80.90       | 22.37 |
|        | 37                              | 38.60                        | 10.56 | 43.50       | 11.83 | 54.20       | 14.61 | 59.20       | 16.02 | 64.40       | 17.54 | 71.40       | 19.91 | 80.90       | 23.83 |
|        | 39                              | 38.60                        | 11.27 | 43.50       | 12.61 | 54.20       | 15.70 | 59.20       | 17.14 | 64.40       | 18.81 | 71.40       | 21.33 | 80.90       | 25.52 |
|        | 41                              | 38.60                        | 12.37 | 43.50       | 13.92 | 54.20       | 17.25 | 59.20       | 18.92 | 64.40       | 20.68 | 71.40       | 23.61 | 80.90       | 28.12 |
|        | 43                              | 38.60                        | 13.62 | 43.50       | 15.37 | 54.20       | 19.02 | 59.20       | 20.86 | 64.40       | 22.79 | 71.40       | 26.08 | 80.90       | 31.08 |
|        | 46                              | 37.90                        | 15.62 | 42.80       | 17.68 | 53.30       | 21.84 | 58.20       | 23.94 | 63.30       | 26.17 | 70.20       | 29.98 | 79.40       | 36.01 |
|        | 48                              | 35.50                        | 15.00 | 40.10       | 16.96 | 50.10       | 20.98 | 54.80       | 22.97 | 59.60       | 25.10 | 66.00       | 28.64 | 74.40       | 34.06 |
|        | 50                              | 33.10                        | 14.41 | 37.50       | 16.26 | 46.90       | 20.11 | 51.30       | 22.00 | 55.80       | 24.06 | 61.70       | 27.03 | 69.50       | 32.01 |
|        | 52                              | 30.70                        | 13.86 | 34.90       | 15.55 | 43.80       | 19.24 | 47.80       | 20.45 | 52.10       | 22.20 | 58.50       | 25.95 | 67.20       | 31.97 |
| 50     | 10                              | 10.30                        | 1.35  | 15.90       | 1.66  | 21.90       | 2.13  | 23.40       | 2.21  | 24.80       | 2.28  | 27.10       | 2.56  | 29.80       | 2.89  |
|        | 12                              | 10.30                        | 0.99  | 15.90       | 1.25  | 21.90       | 1.83  | 23.40       | 2.02  | 24.80       | 2.19  | 27.10       | 2.47  | 29.80       | 2.80  |
|        | 14                              | 10.30                        | 0.87  | 15.90       | 1.21  | 21.90       | 1.77  | 23.40       | 1.94  | 24.80       | 2.09  | 27.10       | 2.34  | 29.80       | 2.66  |
|        | 16                              | 10.30                        | 0.85  | 15.90       | 1.18  | 21.90       | 1.70  | 23.40       | 1.85  | 24.80       | 1.99  | 27.10       | 2.24  | 29.80       | 2.52  |
|        | 18                              | 10.30                        | 0.81  | 15.90       | 1.13  | 21.90       | 1.63  | 23.40       | 1.78  | 24.80       | 1.91  | 27.10       | 2.15  | 29.80       | 2.43  |
|        | 20                              | 10.30                        | 0.78  | 15.90       | 1.10  | 21.90       | 1.60  | 23.40       | 1.74  | 24.80       | 1.89  | 27.10       | 2.12  | 29.80       | 2.43  |
|        | 21                              | 11.60                        | 0.78  | 17.20       | 1.18  | 23.20       | 1.73  | 24.60       | 1.89  | 25.90       | 2.04  | 28.20       | 2.28  | 30.80       | 2.66  |
|        | 23                              | 14.30                        | 1.58  | 19.80       | 2.34  | 25.50       | 4.19  | 26.90       | 4.47  | 28.10       | 4.62  | 30.20       | 4.93  | 32.80       | 5.37  |
|        | 25                              | 20.50                        | 4.10  | 22.40       | 4.15  | 28.00       | 4.77  | 29.20       | 4.94  | 30.40       | 5.12  | 32.40       | 5.49  | 34.80       | 6.04  |
|        | 27                              | 20.30                        | 4.20  | 25.00       | 4.67  | 30.60       | 5.46  | 31.70       | 5.67  | 32.80       | 5.85  | 34.60       | 6.28  | 39.00       | 7.13  |
|        | 29                              | 22.90                        | 4.83  | 27.80       | 5.48  | 33.10       | 6.38  | 34.20       | 6.61  | 35.20       | 6.83  | 38.50       | 7.54  | 46.10       | 9.11  |
|        | 31                              | 25.90                        | 5.72  | 30.50       | 6.50  | 35.80       | 7.67  | 36.80       | 7.98  | 39.70       | 8.59  | 45.40       | 9.82  | 53.20       | 11.69 |
|        | 33                              | 28.90                        | 7.00  | 33.50       | 7.94  | 38.60       | 9.08  | 42.20       | 9.88  | 46.70       | 10.85 | 52.50       | 12.26 | 60.30       | 14.49 |
|        | 35                              | 32.20                        | 8.47  | 36.40       | 9.30  | 45.30       | 11.48 | 49.30       | 12.49 | 53.60       | 13.55 | 59.50       | 15.19 | 67.30       | 17.95 |
|        | 37                              | 32.20                        | 9.02  | 36.40       | 9.90  | 45.30       | 12.18 | 49.30       | 13.25 | 53.60       | 14.39 | 59.50       | 16.21 | 67.30       | 19.10 |
|        | 39                              | 32.20                        | 9.57  | 36.40       | 10.54 | 45.30       | 13.02 | 49.30       | 14.20 | 53.60       | 15.40 | 59.50       | 17.28 | 67.30       | 20.54 |
|        | 41                              | 32.20                        | 10.45 | 36.40       | 11.53 | 45.30       | 14.36 | 49.30       | 15.58 | 53.60       | 16.89 | 59.50       | 19.12 | 67.30       | 22.61 |
|        | 43                              | 32.20                        | 11.46 | 36.40       | 12.69 | 45.30       | 15.81 | 49.30       | 17.16 | 53.60       | 18.61 | 59.50       | 21.09 | 67.30       | 24.97 |
|        | 46                              | 31.60                        | 13.05 | 35.70       | 14.55 | 44.50       | 18.12 | 48.50       | 19.68 | 52.70       | 21.34 | 58.50       | 24.23 | 66.20       | 28.73 |
|        | 48                              | 29.60                        | 12.48 | 33.50       | 13.98 | 41.90       | 17.42 | 45.60       | 18.92 | 49.60       | 20.50 | 55.00       | 23.21 | 62.00       | 27.40 |
|        | 50                              | 27.60                        | 11.95 | 31.30       | 13.46 | 39.20       | 16.73 | 42.70       | 18.16 | 46.50       | 19.69 | 51.40       | 22.18 | 58.00       | 26.05 |
|        | 52                              | 25.70                        | 11.43 | 29.10       | 12.96 | 36.50       | 16.05 | 39.90       | 17.42 | 43.30       | 18.89 | 47.90       | 20.65 | 53.80       | 24.07 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

## ARUM440LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 30.00                        | 2.90  | 46.50       | 4.16  | 61.20       | 5.02  | 63.80       | 4.92  | 66.20       | 4.85  | 70.00       | 4.91  | 73.60       | 5.09  |
|        | 12                         | 30.00                        | 2.77  | 46.50       | 3.99  | 61.20       | 4.88  | 63.80       | 4.78  | 66.20       | 4.76  | 70.00       | 4.83  | 73.60       | 5.07  |
|        | 14                         | 30.00                        | 2.62  | 46.50       | 3.84  | 61.20       | 4.76  | 63.80       | 4.70  | 66.20       | 4.67  | 70.00       | 4.81  | 73.60       | 5.10  |
|        | 16                         | 30.00                        | 2.52  | 46.50       | 3.72  | 61.20       | 4.74  | 63.80       | 4.69  | 66.20       | 4.73  | 70.00       | 4.90  | 73.60       | 5.27  |
|        | 18                         | 30.00                        | 2.45  | 46.50       | 3.69  | 61.20       | 4.78  | 63.80       | 4.85  | 66.20       | 4.96  | 70.00       | 5.21  | 73.60       | 5.78  |
|        | 20                         | 30.00                        | 2.43  | 46.50       | 3.82  | 61.20       | 5.20  | 63.80       | 5.51  | 66.20       | 5.83  | 70.00       | 6.38  | 73.60       | 7.30  |
|        | 21                         | 34.00                        | 2.96  | 50.20       | 4.72  | 64.40       | 6.87  | 66.90       | 7.25  | 69.20       | 7.38  | 72.60       | 7.74  | 76.00       | 8.24  |
|        | 23                         | 41.90                        | 6.44  | 57.60       | 7.50  | 71.10       | 8.51  | 73.30       | 9.29  | 75.20       | 9.61  | 78.10       | 9.94  | 81.00       | 10.54 |
|        | 25                         | 50.20                        | 7.95  | 65.20       | 9.33  | 78.10       | 10.80 | 79.80       | 12.20 | 81.40       | 12.57 | 83.60       | 12.90 | 86.00       | 13.62 |
|        | 27                         | 58.50                        | 10.15 | 73.00       | 11.88 | 85.10       | 13.97 | 86.50       | 16.21 | 87.70       | 16.42 | 89.30       | 16.66 | 96.10       | 18.69 |
|        | 29                         | 67.10                        | 13.09 | 80.90       | 15.11 | 92.30       | 17.75 | 93.30       | 20.60 | 94.10       | 20.77 | 99.20       | 22.01 | 114.2       | 27.30 |
|        | 31                         | 75.90                        | 16.53 | 89.20       | 18.67 | 99.80       | 22.19 | 100.3       | 24.63 | 106.0       | 26.53 | 116.9       | 30.24 | 132.5       | 37.22 |
|        | 33                         | 85.00                        | 20.79 | 97.50       | 23.38 | 107.4       | 27.79 | 115.1       | 32.29 | 124.6       | 36.36 | 134.9       | 40.78 | 151.8       | 49.62 |
|        | 35                         | 94.20                        | 26.20 | 106.2       | 29.03 | 125.9       | 39.92 | 134.1       | 43.94 | 143.4       | 48.95 | 156.9       | 54.52 | 174.5       | 62.26 |
|        | 37                         | 94.20                        | 27.96 | 106.2       | 30.92 | 125.4       | 40.98 | 133.3       | 44.94 | 147.6       | 51.96 | 161.5       | 57.68 | 168.2       | 60.70 |
|        | 39                         | 94.20                        | 29.81 | 106.2       | 33.03 | 124.6       | 41.11 | 137.8       | 47.55 | 152.3       | 54.77 | 160.5       | 57.65 | 161.4       | 58.19 |
|        | 41                         | 94.20                        | 32.44 | 104.4       | 34.96 | 127.2       | 43.91 | 140.4       | 50.98 | 149.2       | 54.95 | 151.7       | 55.26 | 152.2       | 55.88 |
|        | 43                         | 94.20                        | 35.15 | 101.8       | 34.86 | 130.1       | 47.90 | 139.1       | 52.87 | 140.8       | 53.04 | 143.2       | 53.28 | 143.9       | 54.26 |
|        | 46                         | 92.30                        | 38.75 | 101.8       | 39.15 | 124.0       | 50.55 | 125.0       | 50.65 | 126.8       | 50.90 | 128.9       | 51.11 | 129.6       | 51.96 |
|        | 48                         | 86.00                        | 38.99 | 99.00       | 43.88 | 110.1       | 49.46 | 111.3       | 49.66 | 112.5       | 49.84 | 114.4       | 49.99 | 114.9       | 50.76 |
|        | 50                         | 81.70                        | 40.93 | 94.60       | 48.30 | 96.30       | 48.17 | 97.40       | 48.29 | 98.40       | 48.55 | 100.3       | 48.70 | 100.4       | 49.30 |
|        | 52                         | 78.90                        | 46.77 | 78.10       | 46.15 | 81.10       | 45.41 | 82.10       | 45.22 | 83.40       | 45.53 | 85.20       | 45.46 | 86.40       | 46.06 |
| 120    | 10                         | 27.40                        | 2.66  | 42.50       | 3.92  | 56.40       | 4.90  | 58.90       | 5.00  | 61.10       | 4.85  | 64.80       | 4.83  | 68.20       | 4.99  |
|        | 12                         | 27.40                        | 2.55  | 42.50       | 3.75  | 56.40       | 4.74  | 58.90       | 4.80  | 61.10       | 4.73  | 64.80       | 4.77  | 68.20       | 4.96  |
|        | 14                         | 27.40                        | 2.43  | 42.50       | 3.61  | 56.40       | 4.62  | 58.90       | 4.69  | 61.10       | 4.65  | 64.80       | 4.71  | 68.20       | 4.93  |
|        | 16                         | 27.40                        | 2.31  | 42.50       | 3.48  | 56.40       | 4.54  | 58.90       | 4.63  | 61.10       | 4.62  | 64.80       | 4.70  | 68.20       | 5.02  |
|        | 18                         | 27.40                        | 2.24  | 42.50       | 3.43  | 56.40       | 4.56  | 58.90       | 4.69  | 61.10       | 4.74  | 64.80       | 4.90  | 68.20       | 5.32  |
|        | 20                         | 27.40                        | 2.21  | 42.50       | 3.50  | 56.40       | 4.86  | 58.90       | 5.10  | 61.10       | 5.24  | 64.80       | 5.60  | 68.20       | 6.43  |
|        | 21                         | 30.90                        | 2.67  | 45.70       | 4.25  | 59.50       | 6.34  | 61.80       | 6.74  | 63.90       | 6.84  | 67.20       | 7.02  | 70.40       | 7.51  |
|        | 23                         | 38.30                        | 6.13  | 52.50       | 7.19  | 65.60       | 8.24  | 67.60       | 8.35  | 69.50       | 8.51  | 72.30       | 8.72  | 74.90       | 9.25  |
|        | 25                         | 45.80                        | 7.48  | 59.40       | 8.87  | 72.00       | 10.23 | 73.60       | 10.46 | 75.20       | 10.76 | 77.50       | 11.04 | 79.60       | 11.60 |
|        | 27                         | 53.30                        | 9.38  | 66.60       | 11.16 | 78.50       | 12.98 | 79.80       | 13.29 | 81.00       | 13.82 | 82.80       | 14.04 | 89.00       | 15.62 |
|        | 29                         | 61.20                        | 12.05 | 73.80       | 14.15 | 85.20       | 15.98 | 86.00       | 16.57 | 87.00       | 17.14 | 91.90       | 18.22 | 105.3       | 22.24 |
|        | 31                         | 69.20                        | 15.17 | 81.20       | 17.47 | 92.00       | 19.44 | 92.60       | 20.55 | 98.00       | 22.67 | 108.6       | 25.97 | 121.6       | 31.24 |
|        | 33                         | 77.50                        | 18.92 | 88.90       | 21.59 | 99.00       | 23.90 | 106.2       | 28.26 | 115.3       | 32.34 | 125.4       | 36.31 | 137.8       | 43.13 |
|        | 35                         | 85.90                        | 23.64 | 96.80       | 26.70 | 116.1       | 33.52 | 124.0       | 40.77 | 132.4       | 45.06 | 142.0       | 49.55 | 157.6       | 57.24 |
|        | 37                         | 85.90                        | 25.37 | 96.80       | 28.31 | 116.1       | 36.19 | 124.0       | 41.84 | 132.8       | 46.27 | 145.9       | 52.22 | 162.2       | 60.32 |
|        | 39                         | 85.90                        | 27.24 | 96.80       | 30.08 | 116.1       | 38.44 | 124.0       | 42.05 | 137.4       | 48.95 | 150.8       | 54.80 | 157.4       | 58.43 |
|        | 41                         | 85.90                        | 29.83 | 96.80       | 32.91 | 115.0       | 38.97 | 126.9       | 44.91 | 140.3       | 52.26 | 147.9       | 55.16 | 148.6       | 55.97 |
|        | 43                         | 85.90                        | 32.60 | 96.40       | 33.83 | 117.6       | 42.18 | 129.9       | 48.75 | 137.3       | 52.89 | 139.5       | 52.93 | 140.2       | 53.94 |
|        | 46                         | 84.30                        | 36.49 | 92.00       | 34.46 | 120.3       | 49.14 | 122.4       | 50.18 | 123.4       | 50.27 | 125.5       | 50.38 | 126.4       | 51.37 |
|        | 48                         | 78.60                        | 36.87 | 89.60       | 38.67 | 107.9       | 49.09 | 108.6       | 49.23 | 109.6       | 49.38 | 111.5       | 49.50 | 112.0       | 50.20 |
|        | 50                         | 72.80                        | 37.20 | 86.20       | 43.10 | 94.40       | 48.02 | 95.30       | 48.21 | 96.00       | 48.24 | 97.60       | 48.33 | 98.20       | 48.92 |
|        | 52                         | 69.90                        | 40.76 | 76.30       | 45.72 | 79.00       | 45.68 | 79.80       | 45.62 | 80.80       | 45.49 | 82.40       | 45.60 | 83.90       | 46.02 |
| 110    | 10                         | 24.80                        | 2.41  | 38.50       | 3.64  | 51.70       | 4.65  | 53.90       | 4.79  | 57.00       | 4.83  | 59.40       | 4.82  | 63.90       | 4.92  |
|        | 12                         | 24.80                        | 2.32  | 38.50       | 3.49  | 51.70       | 4.49  | 53.90       | 4.60  | 57.00       | 4.68  | 59.40       | 4.71  | 63.90       | 4.87  |
|        | 14                         | 24.80                        | 2.21  | 38.50       | 3.35  | 51.70       | 4.38  | 53.90       | 4.49  | 57.00       | 4.60  | 59.40       | 4.63  | 63.90       | 4.82  |
|        | 16                         | 24.80                        | 2.10  | 38.50       | 3.23  | 51.70       | 4.28  | 53.90       | 4.42  | 57.00       | 4.56  | 59.40       | 4.59  | 63.90       | 4.82  |
|        | 18                         | 24.80                        | 2.03  | 38.50       | 3.16  | 51.70       | 4.31  | 53.90       | 4.47  | 57.00       | 4.61  | 59.40       | 4.69  | 63.90       | 5.01  |
|        | 20                         | 24.80                        | 2.00  | 38.50       | 3.18  | 51.70       | 4.54  | 53.90       | 4.73  | 57.00       | 4.98  | 59.40       | 5.15  | 63.90       | 5.75  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 28.00                        | 2.37  | 41.40       | 3.79  | 54.60       | 5.71  | 56.60       | 6.08  | 59.60       | 6.50  | 61.70       | 6.72  | 66.00       | 7.06  |
|        | 23                               | 34.60                        | 5.76  | 47.50       | 6.81  | 60.20       | 7.83  | 62.00       | 7.89  | 64.80       | 8.10  | 66.30       | 8.15  | 70.20       | 8.56  |
|        | 25                               | 41.30                        | 6.99  | 53.80       | 8.19  | 66.10       | 9.60  | 67.50       | 9.72  | 70.10       | 9.97  | 71.10       | 10.01 | 74.70       | 10.62 |
|        | 27                               | 48.20                        | 8.62  | 60.20       | 10.25 | 72.00       | 11.98 | 73.10       | 12.08 | 75.50       | 12.36 | 75.90       | 12.40 | 83.40       | 14.17 |
|        | 29                               | 55.40                        | 11.05 | 66.80       | 12.91 | 78.10       | 14.81 | 78.90       | 14.91 | 81.10       | 15.24 | 84.30       | 15.88 | 98.70       | 19.69 |
|        | 31                               | 62.70                        | 13.86 | 73.50       | 15.85 | 84.40       | 17.94 | 84.90       | 18.04 | 91.40       | 19.77 | 99.80       | 22.11 | 114.0       | 27.02 |
|        | 33                               | 70.10                        | 17.15 | 80.50       | 19.44 | 90.80       | 21.75 | 97.40       | 23.86 | 107.5       | 27.59 | 115.0       | 30.40 | 129.1       | 36.53 |
|        | 35                               | 77.70                        | 21.26 | 87.70       | 23.93 | 106.5       | 29.71 | 113.7       | 32.83 | 123.5       | 37.99 | 130.4       | 41.23 | 144.2       | 48.57 |
|        | 37                               | 77.70                        | 22.60 | 87.70       | 25.47 | 106.5       | 31.48 | 113.7       | 35.32 | 123.5       | 40.85 | 130.4       | 44.09 | 145.0       | 51.79 |
|        | 39                               | 77.70                        | 24.29 | 87.70       | 27.13 | 106.5       | 33.65 | 113.7       | 37.82 | 123.5       | 42.67 | 134.2       | 47.79 | 149.9       | 56.28 |
|        | 41                               | 77.70                        | 26.62 | 87.70       | 29.46 | 106.5       | 35.99 | 113.7       | 41.00 | 125.6       | 47.04 | 137.5       | 53.43 | 144.8       | 58.18 |
|        | 43                               | 77.70                        | 28.79 | 87.70       | 31.64 | 105.2       | 38.27 | 116.1       | 43.79 | 128.4       | 50.40 | 136.1       | 54.27 | 136.5       | 55.16 |
|        | 46                               | 76.20                        | 30.32 | 86.10       | 32.31 | 107.3       | 43.85 | 118.6       | 50.05 | 120.4       | 50.92 | 122.4       | 51.03 | 122.7       | 51.80 |
|        | 48                               | 71.10                        | 30.75 | 80.30       | 32.96 | 104.4       | 48.33 | 106.0       | 48.96 | 107.0       | 49.21 | 108.7       | 49.28 | 109.0       | 50.03 |
|        | 50                               | 66.00                        | 31.05 | 77.30       | 36.20 | 92.10       | 46.87 | 92.90       | 47.20 | 93.80       | 47.32 | 95.20       | 47.20 | 95.50       | 47.91 |
|        | 52                               | 60.80                        | 30.87 | 74.10       | 41.66 | 76.40       | 43.73 | 77.50       | 44.26 | 78.20       | 44.03 | 79.50       | 43.74 | 81.30       | 44.34 |
| 100    | 10                               | 21.60                        | 2.16  | 33.40       | 3.35  | 46.00       | 4.39  | 49.10       | 4.55  | 51.90       | 4.62  | 56.50       | 4.88  | 59.30       | 4.95  |
|        | 12                               | 21.60                        | 2.09  | 33.40       | 3.23  | 46.00       | 4.21  | 49.10       | 4.35  | 51.90       | 4.45  | 56.50       | 4.76  | 59.30       | 4.87  |
|        | 14                               | 21.60                        | 2.00  | 33.40       | 3.09  | 46.00       | 4.08  | 49.10       | 4.22  | 51.90       | 4.33  | 56.50       | 4.68  | 59.30       | 4.80  |
|        | 16                               | 21.60                        | 1.89  | 33.40       | 2.95  | 46.00       | 3.97  | 49.10       | 4.15  | 51.90       | 4.28  | 56.50       | 4.63  | 59.30       | 4.80  |
|        | 18                               | 21.60                        | 1.81  | 33.40       | 2.88  | 46.00       | 3.92  | 49.10       | 4.13  | 51.90       | 4.33  | 56.50       | 4.69  | 59.30       | 4.90  |
|        | 20                               | 21.60                        | 1.79  | 33.40       | 2.87  | 46.00       | 4.08  | 49.10       | 4.37  | 51.90       | 4.62  | 56.50       | 5.01  | 59.30       | 5.43  |
|        | 21                               | 24.40                        | 2.10  | 36.10       | 3.33  | 48.60       | 5.01  | 51.50       | 5.45  | 54.20       | 5.86  | 58.70       | 6.37  | 61.20       | 6.93  |
|        | 23                               | 30.10                        | 5.42  | 41.30       | 6.38  | 53.60       | 7.44  | 56.30       | 7.66  | 58.90       | 7.84  | 63.00       | 8.02  | 65.20       | 8.22  |
|        | 25                               | 35.90                        | 6.47  | 46.80       | 7.61  | 58.80       | 9.03  | 61.40       | 9.37  | 63.70       | 9.59  | 67.60       | 9.62  | 69.20       | 9.91  |
|        | 27                               | 41.90                        | 7.91  | 52.40       | 9.37  | 64.10       | 11.17 | 66.50       | 11.58 | 68.70       | 11.87 | 72.20       | 11.91 | 77.40       | 12.94 |
|        | 29                               | 48.00                        | 9.97  | 58.10       | 11.69 | 69.60       | 13.87 | 71.70       | 14.30 | 73.80       | 14.52 | 80.10       | 15.11 | 91.60       | 17.97 |
|        | 31                               | 54.30                        | 12.61 | 64.00       | 14.33 | 75.10       | 16.78 | 77.20       | 17.25 | 83.10       | 18.38 | 94.70       | 20.59 | 105.8       | 24.24 |
|        | 33                               | 60.90                        | 15.43 | 70.00       | 17.45 | 80.90       | 20.35 | 88.60       | 22.70 | 97.80       | 24.76 | 109.4       | 27.78 | 119.9       | 32.34 |
|        | 35                               | 67.50                        | 18.99 | 76.10       | 21.29 | 94.80       | 27.63 | 103.4       | 30.96 | 112.4       | 33.18 | 123.6       | 36.98 | 133.9       | 42.79 |
|        | 37                               | 67.50                        | 20.31 | 76.10       | 22.81 | 94.80       | 29.36 | 103.4       | 32.67 | 112.4       | 35.40 | 122.4       | 39.20 | 132.4       | 45.46 |
|        | 39                               | 67.50                        | 21.74 | 76.10       | 24.44 | 94.80       | 31.18 | 103.4       | 34.45 | 112.4       | 37.65 | 121.3       | 40.71 | 131.5       | 47.19 |
|        | 41                               | 67.50                        | 23.61 | 76.10       | 26.57 | 94.80       | 33.55 | 103.4       | 36.86 | 112.4       | 39.76 | 121.0       | 43.52 | 135.0       | 52.22 |
|        | 43                               | 67.50                        | 25.83 | 76.10       | 29.07 | 94.80       | 35.64 | 103.4       | 38.94 | 112.5       | 43.57 | 123.5       | 48.96 | 131.9       | 55.36 |
|        | 46                               | 66.20                        | 28.95 | 74.80       | 32.30 | 94.70       | 39.92 | 104.3       | 46.58 | 115.0       | 53.39 | 118.2       | 54.34 | 118.4       | 55.38 |
|        | 48                               | 61.90                        | 27.29 | 70.00       | 30.34 | 92.00       | 41.09 | 101.4       | 47.73 | 103.2       | 48.65 | 105.0       | 48.75 | 105.2       | 49.52 |
|        | 50                               | 57.60                        | 25.62 | 65.70       | 28.61 | 88.20       | 41.42 | 90.10       | 42.68 | 90.30       | 42.67 | 92.10       | 42.76 | 92.10       | 43.33 |
|        | 52                               | 53.20                        | 23.32 | 64.20       | 29.49 | 72.90       | 35.59 | 74.50       | 35.64 | 75.20       | 35.50 | 76.90       | 35.28 | 78.30       | 35.61 |
| 90     | 10                               | 19.40                        | 1.95  | 30.10       | 3.09  | 41.40       | 4.14  | 44.20       | 4.34  | 46.70       | 4.46  | 51.20       | 4.76  | 56.30       | 5.13  |
|        | 12                               | 19.40                        | 1.86  | 30.10       | 2.95  | 41.40       | 3.94  | 44.20       | 4.12  | 46.70       | 4.25  | 51.20       | 4.53  | 56.30       | 4.93  |
|        | 14                               | 19.40                        | 1.76  | 30.10       | 2.78  | 41.40       | 3.73  | 44.20       | 3.94  | 46.70       | 4.06  | 51.20       | 4.34  | 56.30       | 4.73  |
|        | 16                               | 19.40                        | 1.68  | 30.10       | 2.61  | 41.40       | 3.58  | 44.20       | 3.76  | 46.70       | 3.91  | 51.20       | 4.19  | 56.30       | 4.59  |
|        | 18                               | 19.40                        | 1.58  | 30.10       | 2.52  | 41.40       | 3.47  | 44.20       | 3.67  | 46.70       | 3.82  | 51.20       | 4.13  | 56.30       | 4.63  |
|        | 20                               | 19.40                        | 1.55  | 30.10       | 2.47  | 41.40       | 3.49  | 44.20       | 3.73  | 46.70       | 3.94  | 51.20       | 4.37  | 56.30       | 5.00  |
|        | 21                               | 21.90                        | 1.79  | 32.50       | 2.81  | 43.70       | 4.14  | 46.40       | 4.49  | 48.70       | 4.84  | 53.20       | 5.35  | 58.10       | 6.52  |
|        | 23                               | 27.00                        | 4.86  | 37.30       | 5.67  | 48.20       | 6.64  | 50.80       | 6.85  | 53.00       | 7.00  | 57.10       | 7.29  | 61.90       | 7.93  |
|        | 25                               | 32.30                        | 5.71  | 42.10       | 6.71  | 52.90       | 7.89  | 55.20       | 8.20  | 57.40       | 8.43  | 61.20       | 8.81  | 65.80       | 9.47  |
|        | 27                               | 37.70                        | 6.90  | 47.10       | 8.09  | 57.70       | 9.66  | 59.80       | 10.01 | 61.80       | 10.29 | 65.40       | 10.66 | 73.50       | 12.16 |
|        | 29                               | 43.20                        | 8.50  | 52.30       | 10.10 | 62.50       | 11.95 | 64.50       | 12.33 | 66.40       | 12.65 | 72.60       | 13.50 | 86.90       | 16.59 |
|        | 31                               | 49.00                        | 10.88 | 57.60       | 12.36 | 67.60       | 14.36 | 69.50       | 14.75 | 74.80       | 15.97 | 85.80       | 18.01 | 100.4       | 22.00 |
|        | 33                               | 54.70                        | 13.27 | 63.00       | 14.92 | 72.70       | 17.29 | 79.70       | 19.18 | 87.90       | 21.52 | 99.10       | 23.84 | 113.4       | 28.78 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 60.80                        | 16.16 | 68.60       | 18.03 | 85.30       | 23.17 | 93.00       | 25.85 | 101.0       | 28.67 | 112.3       | 31.66 | 125.6       | 37.52 |
|        | 37                              | 60.80                        | 17.17 | 68.60       | 19.21 | 85.30       | 24.73 | 93.00       | 27.52 | 101.0       | 30.40 | 112.3       | 33.67 | 124.4       | 39.67 |
|        | 39                              | 60.80                        | 18.26 | 68.60       | 20.47 | 85.30       | 26.28 | 93.00       | 29.32 | 101.0       | 32.13 | 112.3       | 35.95 | 123.4       | 41.69 |
|        | 41                              | 60.80                        | 20.50 | 68.60       | 22.86 | 85.30       | 29.11 | 93.00       | 32.39 | 101.0       | 34.91 | 111.8       | 38.20 | 120.5       | 43.67 |
|        | 43                              | 60.80                        | 22.56 | 68.60       | 25.16 | 85.30       | 32.16 | 93.00       | 34.99 | 101.0       | 37.18 | 109.8       | 40.78 | 121.5       | 48.56 |
|        | 46                              | 59.70                        | 26.04 | 67.50       | 29.22 | 83.80       | 36.39 | 91.30       | 39.41 | 102.0       | 45.36 | 112.1       | 51.17 | 116.5       | 55.37 |
|        | 48                              | 55.70                        | 24.73 | 63.10       | 27.78 | 79.30       | 34.95 | 89.80       | 41.02 | 99.10       | 46.94 | 103.6       | 48.70 | 103.6       | 49.62 |
|        | 50                              | 51.90                        | 23.44 | 58.90       | 26.10 | 77.50       | 35.94 | 87.70       | 42.03 | 89.20       | 43.31 | 91.00       | 42.81 | 90.80       | 43.48 |
|        | 52                              | 47.90                        | 22.12 | 55.20       | 24.75 | 72.70       | 36.52 | 75.40       | 37.65 | 73.80       | 36.84 | 75.60       | 35.50 | 76.70       | 35.97 |
| 80     | 10                              | 17.20                        | 1.79  | 26.80       | 2.82  | 36.80       | 3.89  | 39.20       | 4.12  | 41.60       | 4.28  | 45.50       | 4.68  | 50.00       | 5.05  |
|        | 12                              | 17.20                        | 1.65  | 26.80       | 2.70  | 36.80       | 3.71  | 39.20       | 3.92  | 41.60       | 4.06  | 45.50       | 4.43  | 50.00       | 4.79  |
|        | 14                              | 17.20                        | 1.58  | 26.80       | 2.56  | 36.80       | 3.49  | 39.20       | 3.69  | 41.60       | 3.83  | 45.50       | 4.22  | 50.00       | 4.57  |
|        | 16                              | 17.20                        | 1.50  | 26.80       | 2.40  | 36.80       | 3.31  | 39.20       | 3.52  | 41.60       | 3.68  | 45.50       | 4.05  | 50.00       | 4.40  |
|        | 18                              | 17.20                        | 1.44  | 26.80       | 2.30  | 36.80       | 3.20  | 39.20       | 3.41  | 41.60       | 3.57  | 45.50       | 3.92  | 50.00       | 4.32  |
|        | 20                              | 17.20                        | 1.39  | 26.80       | 2.25  | 36.80       | 3.19  | 39.20       | 3.41  | 41.60       | 3.60  | 45.50       | 4.01  | 50.00       | 4.58  |
|        | 21                              | 19.50                        | 1.60  | 28.80       | 2.51  | 38.80       | 3.66  | 41.20       | 3.94  | 43.50       | 4.23  | 47.30       | 4.78  | 51.70       | 5.72  |
|        | 23                              | 24.00                        | 4.68  | 33.10       | 5.41  | 42.80       | 6.28  | 45.10       | 6.53  | 47.20       | 6.68  | 50.80       | 7.10  | 55.00       | 7.62  |
|        | 25                              | 28.70                        | 5.40  | 37.40       | 6.32  | 47.00       | 7.42  | 49.10       | 7.64  | 51.10       | 7.86  | 54.50       | 8.40  | 58.50       | 9.00  |
|        | 27                              | 33.50                        | 6.46  | 41.80       | 7.53  | 51.20       | 8.96  | 53.20       | 9.25  | 55.10       | 9.49  | 58.10       | 10.04 | 65.30       | 11.26 |
|        | 29                              | 38.40                        | 7.87  | 46.50       | 9.26  | 55.60       | 10.91 | 57.40       | 11.26 | 59.20       | 11.56 | 64.60       | 12.72 | 77.30       | 15.17 |
|        | 31                              | 43.40                        | 9.93  | 51.10       | 11.37 | 60.00       | 13.13 | 61.70       | 13.48 | 66.60       | 14.51 | 76.30       | 16.84 | 89.20       | 19.77 |
|        | 33                              | 48.60                        | 12.18 | 56.00       | 13.66 | 64.60       | 15.66 | 70.90       | 17.30 | 78.30       | 19.32 | 88.10       | 22.07 | 101.2       | 25.59 |
|        | 35                              | 53.90                        | 14.74 | 60.90       | 16.36 | 75.70       | 20.73 | 82.70       | 22.99 | 90.10       | 25.53 | 99.90       | 28.77 | 113.1       | 33.26 |
|        | 37                              | 53.90                        | 15.63 | 60.90       | 17.41 | 75.70       | 22.06 | 82.70       | 24.51 | 90.10       | 27.18 | 99.90       | 30.50 | 113.1       | 35.41 |
|        | 39                              | 53.90                        | 16.57 | 60.90       | 18.49 | 75.70       | 23.59 | 82.70       | 26.28 | 90.10       | 29.12 | 99.90       | 32.35 | 113.1       | 37.87 |
|        | 41                              | 53.90                        | 18.50 | 60.90       | 20.65 | 75.70       | 26.18 | 82.70       | 29.13 | 90.10       | 32.31 | 99.90       | 35.41 | 112.9       | 41.29 |
|        | 43                              | 53.90                        | 20.61 | 60.90       | 22.88 | 75.70       | 28.96 | 82.70       | 32.16 | 90.10       | 35.51 | 99.90       | 37.98 | 110.2       | 43.40 |
|        | 46                              | 53.00                        | 23.62 | 59.80       | 26.43 | 74.40       | 33.18 | 81.20       | 36.19 | 88.40       | 39.94 | 98.00       | 43.41 | 108.7       | 51.05 |
|        | 48                              | 49.50                        | 22.42 | 56.00       | 25.12 | 69.80       | 31.37 | 76.20       | 34.14 | 85.20       | 39.84 | 95.40       | 44.39 | 102.1       | 49.70 |
|        | 50                              | 46.10                        | 21.21 | 52.20       | 23.79 | 65.20       | 29.42 | 73.40       | 34.06 | 83.20       | 40.83 | 89.60       | 42.85 | 89.40       | 43.53 |
|        | 52                              | 42.60                        | 20.01 | 48.30       | 21.88 | 63.50       | 30.53 | 70.90       | 35.65 | 73.40       | 38.03 | 74.00       | 35.82 | 75.20       | 36.26 |
| 70     | 10                              | 15.00                        | 1.64  | 23.40       | 2.40  | 32.20       | 3.39  | 34.30       | 3.64  | 36.30       | 3.83  | 39.80       | 4.22  | 43.70       | 4.70  |
|        | 12                              | 15.00                        | 1.38  | 23.40       | 2.29  | 32.20       | 3.26  | 34.30       | 3.47  | 36.30       | 3.64  | 39.80       | 4.02  | 43.70       | 4.46  |
|        | 14                              | 15.00                        | 1.33  | 23.40       | 2.18  | 32.20       | 3.07  | 34.30       | 3.26  | 36.30       | 3.43  | 39.80       | 3.78  | 43.70       | 4.21  |
|        | 16                              | 15.00                        | 1.28  | 23.40       | 2.07  | 32.20       | 2.89  | 34.30       | 3.09  | 36.30       | 3.26  | 39.80       | 3.60  | 43.70       | 4.03  |
|        | 18                              | 15.00                        | 1.23  | 23.40       | 1.97  | 32.20       | 2.80  | 34.30       | 2.99  | 36.30       | 3.15  | 39.80       | 3.48  | 43.70       | 3.92  |
|        | 20                              | 15.00                        | 1.18  | 23.40       | 1.92  | 32.20       | 2.75  | 34.30       | 2.97  | 36.30       | 3.14  | 39.80       | 3.49  | 43.70       | 4.03  |
|        | 21                              | 17.10                        | 1.34  | 25.20       | 2.12  | 33.90       | 3.08  | 36.00       | 3.33  | 38.00       | 3.55  | 41.40       | 3.98  | 45.20       | 4.79  |
|        | 23                              | 21.10                        | 4.05  | 28.90       | 5.02  | 37.50       | 5.73  | 39.40       | 5.95  | 41.30       | 6.11  | 44.50       | 6.58  | 48.10       | 7.18  |
|        | 25                              | 25.10                        | 4.88  | 32.80       | 5.71  | 41.10       | 6.68  | 42.90       | 6.93  | 44.70       | 7.08  | 47.60       | 7.60  | 51.10       | 8.18  |
|        | 27                              | 29.30                        | 5.74  | 36.70       | 6.75  | 44.80       | 7.87  | 46.60       | 8.14  | 48.10       | 8.46  | 50.80       | 9.04  | 57.20       | 10.15 |
|        | 29                              | 33.70                        | 6.95  | 40.70       | 8.09  | 48.60       | 9.60  | 50.20       | 9.89  | 51.80       | 10.15 | 56.50       | 11.25 | 67.60       | 13.68 |
|        | 31                              | 38.00                        | 8.61  | 44.80       | 10.07 | 52.50       | 11.56 | 53.90       | 11.87 | 58.20       | 12.71 | 66.80       | 14.82 | 78.10       | 17.68 |
|        | 33                              | 42.60                        | 10.65 | 49.00       | 11.97 | 56.50       | 13.65 | 62.00       | 14.96 | 68.50       | 16.61 | 77.10       | 19.22 | 88.50       | 22.80 |
|        | 35                              | 47.30                        | 12.89 | 53.30       | 14.29 | 66.20       | 17.77 | 72.30       | 19.58 | 78.70       | 21.62 | 87.30       | 24.84 | 98.90       | 29.18 |
|        | 37                              | 47.30                        | 13.70 | 53.30       | 15.15 | 66.20       | 18.90 | 72.30       | 20.87 | 78.70       | 23.06 | 87.30       | 26.49 | 98.90       | 30.93 |
|        | 39                              | 47.30                        | 14.56 | 53.30       | 16.16 | 66.20       | 20.22 | 72.30       | 22.40 | 78.70       | 24.79 | 87.30       | 28.33 | 98.90       | 33.21 |
|        | 41                              | 47.30                        | 16.24 | 53.30       | 17.93 | 66.20       | 22.43 | 72.30       | 24.85 | 78.70       | 27.35 | 87.30       | 31.47 | 98.90       | 36.48 |
|        | 43                              | 47.30                        | 17.96 | 53.30       | 19.84 | 66.20       | 24.82 | 72.30       | 27.47 | 78.70       | 30.24 | 87.30       | 34.83 | 98.90       | 40.11 |
|        | 46                              | 46.40                        | 20.56 | 52.40       | 22.87 | 65.10       | 28.63 | 71.10       | 31.43 | 77.40       | 34.56 | 85.70       | 39.55 | 97.10       | 44.89 |
|        | 48                              | 43.40                        | 19.55 | 49.10       | 21.77 | 61.00       | 27.25 | 66.70       | 29.90 | 72.60       | 32.71 | 80.30       | 37.21 | 92.00       | 43.05 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 40.40                        | 18.52 | 45.70       | 20.66 | 57.00       | 25.85 | 62.30       | 28.01 | 68.20       | 30.99 | 77.70       | 37.35 | 89.90       | 43.83 |
|        | 52                              | 37.40                        | 17.51 | 42.30       | 19.53 | 52.90       | 23.65 | 59.20       | 27.31 | 66.60       | 32.66 | 72.50       | 37.56 | 76.60       | 37.95 |
| 60     | 10                              | 12.90                        | 1.47  | 20.00       | 2.10  | 27.60       | 2.85  | 29.40       | 3.09  | 31.20       | 3.28  | 34.20       | 3.66  | 37.50       | 4.12  |
|        | 12                              | 12.90                        | 1.13  | 20.00       | 1.86  | 27.60       | 2.72  | 29.40       | 2.96  | 31.20       | 3.14  | 34.20       | 3.49  | 37.50       | 3.92  |
|        | 14                              | 12.90                        | 1.09  | 20.00       | 1.79  | 27.60       | 2.59  | 29.40       | 2.79  | 31.20       | 2.96  | 34.20       | 3.29  | 37.50       | 3.69  |
|        | 16                              | 12.90                        | 1.06  | 20.00       | 1.72  | 27.60       | 2.45  | 29.40       | 2.63  | 31.20       | 2.80  | 34.20       | 3.10  | 37.50       | 3.49  |
|        | 18                              | 12.90                        | 1.03  | 20.00       | 1.65  | 27.60       | 2.34  | 29.40       | 2.53  | 31.20       | 2.69  | 34.20       | 2.99  | 37.50       | 3.38  |
|        | 20                              | 12.90                        | 0.98  | 20.00       | 1.60  | 27.60       | 2.30  | 29.40       | 2.49  | 31.20       | 2.65  | 34.20       | 2.96  | 37.50       | 3.39  |
|        | 21                              | 14.50                        | 1.11  | 21.60       | 1.73  | 29.10       | 2.54  | 30.80       | 2.74  | 32.60       | 2.93  | 35.50       | 3.27  | 38.80       | 3.86  |
|        | 23                              | 18.00                        | 2.77  | 24.80       | 4.18  | 32.20       | 5.21  | 33.80       | 5.39  | 35.40       | 5.52  | 38.10       | 5.92  | 41.30       | 6.56  |
|        | 25                              | 21.90                        | 4.48  | 28.10       | 5.09  | 35.30       | 5.89  | 36.80       | 6.13  | 38.30       | 6.31  | 40.90       | 6.78  | 43.90       | 7.46  |
|        | 27                              | 25.10                        | 5.08  | 31.40       | 5.89  | 38.40       | 6.88  | 39.80       | 7.13  | 41.30       | 7.32  | 43.60       | 7.83  | 49.00       | 9.05  |
|        | 29                              | 28.80                        | 6.05  | 34.80       | 7.00  | 41.70       | 8.21  | 43.10       | 8.53  | 44.30       | 8.83  | 48.40       | 9.71  | 58.00       | 11.98 |
|        | 31                              | 32.60                        | 7.36  | 38.40       | 8.57  | 45.00       | 10.02 | 46.20       | 10.30 | 50.00       | 11.00 | 57.30       | 12.68 | 66.90       | 15.39 |
|        | 33                              | 36.50                        | 9.12  | 42.00       | 10.33 | 48.50       | 11.77 | 53.20       | 12.84 | 58.70       | 14.13 | 66.10       | 16.16 | 75.90       | 19.55 |
|        | 35                              | 40.50                        | 11.02 | 45.70       | 12.27 | 56.80       | 15.06 | 62.00       | 16.47 | 67.50       | 18.05 | 74.90       | 20.57 | 84.80       | 24.73 |
|        | 37                              | 40.50                        | 11.66 | 45.70       | 12.99 | 56.80       | 15.99 | 62.00       | 17.54 | 67.50       | 19.21 | 74.90       | 21.89 | 84.80       | 26.34 |
|        | 39                              | 40.50                        | 12.44 | 45.70       | 13.84 | 56.80       | 17.19 | 62.00       | 18.78 | 67.50       | 20.61 | 74.90       | 23.46 | 84.80       | 28.21 |
|        | 41                              | 40.50                        | 13.71 | 45.70       | 15.32 | 56.80       | 18.94 | 62.00       | 20.80 | 67.50       | 22.73 | 74.90       | 26.05 | 84.80       | 31.17 |
|        | 43                              | 40.50                        | 15.14 | 45.70       | 16.94 | 56.80       | 20.95 | 62.00       | 22.99 | 67.50       | 25.12 | 74.90       | 28.85 | 84.80       | 34.55 |
|        | 46                              | 39.80                        | 17.46 | 44.90       | 19.54 | 55.80       | 24.15 | 60.90       | 26.48 | 66.30       | 28.94 | 73.60       | 33.27 | 83.30       | 40.18 |
|        | 48                              | 37.10                        | 16.65 | 42.00       | 18.62 | 52.30       | 23.04 | 57.10       | 25.22 | 62.20       | 27.56 | 68.90       | 31.56 | 77.90       | 37.75 |
|        | 50                              | 34.60                        | 15.83 | 39.10       | 17.71 | 48.90       | 21.89 | 53.40       | 23.96 | 58.10       | 26.19 | 64.30       | 29.55 | 72.50       | 35.20 |
|        | 52                              | 32.00                        | 15.02 | 36.30       | 16.79 | 45.30       | 20.75 | 49.60       | 22.10 | 54.10       | 23.99 | 60.60       | 28.38 | 69.70       | 35.55 |
| 50     | 10                              | 10.80                        | 1.43  | 16.70       | 1.86  | 23.00       | 2.39  | 24.50       | 2.47  | 26.00       | 2.66  | 28.50       | 2.98  | 31.30       | 3.37  |
|        | 12                              | 10.80                        | 1.03  | 16.70       | 1.46  | 23.00       | 2.14  | 24.50       | 2.36  | 26.00       | 2.55  | 28.50       | 2.86  | 31.30       | 3.24  |
|        | 14                              | 10.80                        | 0.96  | 16.70       | 1.41  | 23.00       | 2.06  | 24.50       | 2.25  | 26.00       | 2.41  | 28.50       | 2.70  | 31.30       | 3.06  |
|        | 16                              | 10.80                        | 0.94  | 16.70       | 1.37  | 23.00       | 1.98  | 24.50       | 2.14  | 26.00       | 2.29  | 28.50       | 2.57  | 31.30       | 2.89  |
|        | 18                              | 10.80                        | 0.90  | 16.70       | 1.31  | 23.00       | 1.89  | 24.50       | 2.05  | 26.00       | 2.18  | 28.50       | 2.45  | 31.30       | 2.77  |
|        | 20                              | 10.80                        | 0.87  | 16.70       | 1.27  | 23.00       | 1.84  | 24.50       | 2.00  | 26.00       | 2.15  | 28.50       | 2.41  | 31.30       | 2.75  |
|        | 21                              | 12.20                        | 0.91  | 18.00       | 1.37  | 24.30       | 1.99  | 25.70       | 2.16  | 27.10       | 2.31  | 29.60       | 2.59  | 32.30       | 3.02  |
|        | 23                              | 15.00                        | 1.87  | 20.70       | 2.74  | 26.70       | 4.64  | 28.20       | 4.82  | 29.50       | 4.95  | 31.70       | 5.28  | 34.40       | 5.75  |
|        | 25                              | 20.80                        | 4.36  | 23.40       | 4.50  | 29.40       | 5.16  | 30.60       | 5.33  | 31.90       | 5.49  | 34.00       | 5.89  | 36.50       | 6.49  |
|        | 27                              | 21.10                        | 4.54  | 26.20       | 5.08  | 32.00       | 5.92  | 33.20       | 6.12  | 34.30       | 6.31  | 36.40       | 6.75  | 40.90       | 7.70  |
|        | 29                              | 24.00                        | 5.27  | 29.10       | 5.99  | 34.70       | 6.92  | 35.90       | 7.16  | 36.90       | 7.38  | 40.40       | 8.16  | 48.30       | 9.93  |
|        | 31                              | 27.20                        | 6.27  | 32.00       | 7.12  | 37.50       | 8.36  | 38.50       | 8.67  | 41.50       | 9.33  | 47.70       | 10.69 | 55.80       | 12.77 |
|        | 33                              | 30.40                        | 7.69  | 35.10       | 8.70  | 40.40       | 9.91  | 44.30       | 10.79 | 48.90       | 11.83 | 55.00       | 13.39 | 63.20       | 15.93 |
|        | 35                              | 33.80                        | 9.31  | 38.10       | 10.22 | 47.40       | 12.56 | 51.70       | 13.66 | 56.20       | 14.82 | 62.40       | 16.68 | 70.70       | 19.82 |
|        | 37                              | 33.80                        | 9.91  | 38.10       | 10.87 | 47.40       | 13.31 | 51.70       | 14.50 | 56.20       | 15.74 | 62.40       | 17.79 | 70.70       | 21.09 |
|        | 39                              | 33.80                        | 10.52 | 38.10       | 11.59 | 47.40       | 14.24 | 51.70       | 15.54 | 56.20       | 16.86 | 62.40       | 18.99 | 70.70       | 22.68 |
|        | 41                              | 33.80                        | 11.52 | 38.10       | 12.73 | 47.40       | 15.76 | 51.70       | 17.10 | 56.20       | 18.55 | 62.40       | 21.06 | 70.70       | 25.05 |
|        | 43                              | 33.80                        | 12.66 | 38.10       | 14.04 | 47.40       | 17.40 | 51.70       | 18.89 | 56.20       | 20.50 | 62.40       | 23.32 | 70.70       | 27.75 |
|        | 46                              | 33.20                        | 14.48 | 37.50       | 16.19 | 46.60       | 20.02 | 50.80       | 21.75 | 55.10       | 23.58 | 61.30       | 26.89 | 69.40       | 32.04 |
|        | 48                              | 31.00                        | 13.77 | 35.00       | 15.47 | 43.70       | 19.10 | 47.70       | 20.77 | 51.70       | 22.50 | 57.40       | 25.57 | 64.90       | 30.34 |
|        | 50                              | 28.80                        | 13.11 | 32.60       | 14.77 | 40.80       | 18.20 | 44.50       | 19.76 | 48.30       | 21.42 | 53.50       | 24.24 | 60.40       | 28.62 |
|        | 52                              | 26.70                        | 12.45 | 30.30       | 14.09 | 37.90       | 17.29 | 41.40       | 18.78 | 44.90       | 20.35 | 49.70       | 22.38 | 56.00       | 26.23 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM460LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 34.70                        | 3.86  | 52.60       | 5.39  | 65.30       | 6.07  | 66.70       | 5.65  | 67.60       | 5.19  | 71.10       | 4.99  | 74.00       | 4.97  |
|        | 12                         | 34.70                        | 3.63  | 52.60       | 5.07  | 65.30       | 5.77  | 66.70       | 5.33  | 67.60       | 4.94  | 71.10       | 4.78  | 74.00       | 4.84  |
|        | 14                         | 34.70                        | 3.42  | 52.60       | 4.78  | 65.30       | 5.49  | 66.70       | 5.10  | 67.60       | 4.78  | 71.10       | 4.67  | 74.00       | 4.76  |
|        | 16                         | 34.70                        | 3.25  | 52.60       | 4.52  | 65.30       | 5.32  | 66.70       | 5.00  | 67.60       | 4.74  | 71.10       | 4.67  | 74.00       | 4.81  |
|        | 18                         | 34.70                        | 3.11  | 52.60       | 4.43  | 65.30       | 5.26  | 66.70       | 5.06  | 67.60       | 4.87  | 71.10       | 4.88  | 74.00       | 5.18  |
|        | 20                         | 34.70                        | 3.02  | 52.60       | 4.49  | 65.30       | 5.55  | 66.70       | 5.71  | 67.60       | 5.67  | 71.10       | 5.97  | 74.00       | 6.70  |
|        | 21                         | 39.30                        | 3.61  | 56.70       | 5.44  | 68.80       | 7.20  | 70.00       | 7.70  | 70.70       | 7.46  | 73.80       | 7.57  | 76.40       | 7.88  |
|        | 23                         | 48.50                        | 7.93  | 65.10       | 8.71  | 75.90       | 9.03  | 76.60       | 10.00 | 76.80       | 9.85  | 79.30       | 10.01 | 81.40       | 10.40 |
|        | 25                         | 58.00                        | 9.59  | 73.60       | 10.60 | 83.30       | 11.44 | 83.40       | 13.35 | 83.20       | 13.25 | 84.90       | 13.36 | 86.40       | 13.83 |
|        | 27                         | 67.70                        | 11.98 | 82.40       | 13.47 | 90.80       | 14.80 | 90.40       | 17.97 | 89.60       | 17.72 | 90.70       | 17.72 | 96.60       | 19.55 |
|        | 29                         | 77.60                        | 15.39 | 91.50       | 17.18 | 98.50       | 18.96 | 97.50       | 23.39 | 96.20       | 22.96 | 100.7       | 23.93 | 114.9       | 29.07 |
|        | 31                         | 87.80                        | 19.45 | 100.8       | 21.10 | 106.5       | 23.79 | 104.8       | 27.45 | 108.3       | 28.75 | 118.3       | 32.13 | 132.9       | 38.73 |
|        | 33                         | 98.30                        | 24.40 | 110.2       | 26.49 | 114.6       | 30.01 | 120.4       | 35.20 | 127.3       | 38.47 | 135.6       | 42.01 | 153.7       | 50.80 |
|        | 35                         | 109.0                        | 30.69 | 120.0       | 32.86 | 134.4       | 43.69 | 139.9       | 46.64 | 145.5       | 50.06 | 161.0       | 55.82 | 181.4       | 63.63 |
|        | 37                         | 109.0                        | 32.75 | 120.0       | 34.95 | 133.5       | 43.69 | 138.1       | 46.49 | 153.5       | 53.60 | 170.2       | 59.68 | 181.0       | 63.46 |
|        | 39                         | 109.0                        | 34.90 | 120.0       | 37.39 | 131.6       | 43.52 | 146.5       | 50.25 | 162.9       | 57.95 | 175.3       | 61.78 | 178.5       | 62.43 |
|        | 41                         | 109.0                        | 38.38 | 116.5       | 40.03 | 136.5       | 47.77 | 151.8       | 55.44 | 163.6       | 60.36 | 168.3       | 60.88 | 170.9       | 61.77 |
|        | 43                         | 109.0                        | 41.92 | 111.6       | 39.62 | 142.5       | 53.49 | 153.9       | 59.29 | 156.9       | 59.66 | 161.7       | 60.10 | 164.3       | 61.30 |
|        | 46                         | 105.5                        | 46.98 | 112.1       | 45.34 | 138.5       | 58.36 | 140.6       | 58.59 | 143.8       | 59.06 | 148.0       | 59.45 | 150.3       | 60.52 |
|        | 48                         | 93.30                        | 46.03 | 106.9       | 51.24 | 120.4       | 57.45 | 122.4       | 57.66 | 125.1       | 58.19 | 128.9       | 58.49 | 130.8       | 59.44 |
|        | 50                         | 85.60                        | 48.39 | 98.70       | 56.69 | 102.2       | 56.58 | 104.2       | 56.69 | 106.2       | 57.27 | 110.1       | 57.58 | 111.3       | 58.27 |
|        | 52                         | 81.10                        | 55.80 | 79.50       | 56.39 | 83.60       | 56.33 | 85.10       | 56.19 | 87.10       | 57.05 | 90.30       | 57.14 | 92.00       | 57.98 |
| 120    | 10                         | 31.40                        | 3.51  | 47.50       | 5.10  | 60.10       | 6.08  | 61.50       | 6.07  | 62.50       | 5.57  | 66.00       | 5.24  | 68.80       | 5.21  |
|        | 12                         | 31.40                        | 3.32  | 47.50       | 4.79  | 60.10       | 5.75  | 61.50       | 5.65  | 62.50       | 5.29  | 66.00       | 5.07  | 68.80       | 5.07  |
|        | 14                         | 31.40                        | 3.16  | 47.50       | 4.52  | 60.10       | 5.48  | 61.50       | 5.39  | 62.50       | 5.06  | 66.00       | 4.90  | 68.80       | 4.95  |
|        | 16                         | 31.40                        | 3.00  | 47.50       | 4.30  | 60.10       | 5.25  | 61.50       | 5.17  | 62.50       | 4.95  | 66.00       | 4.80  | 68.80       | 4.93  |
|        | 18                         | 31.40                        | 2.86  | 47.50       | 4.14  | 60.10       | 5.12  | 61.50       | 5.14  | 62.50       | 4.97  | 66.00       | 4.89  | 68.80       | 5.11  |
|        | 20                         | 31.40                        | 2.77  | 47.50       | 4.15  | 60.10       | 5.33  | 61.50       | 5.42  | 62.50       | 5.34  | 66.00       | 5.41  | 68.80       | 5.99  |
|        | 21                         | 35.50                        | 3.28  | 51.20       | 4.94  | 63.40       | 6.76  | 64.60       | 7.02  | 65.30       | 7.00  | 68.50       | 6.96  | 70.90       | 7.18  |
|        | 23                         | 43.90                        | 7.57  | 58.80       | 8.47  | 69.90       | 9.00  | 70.70       | 8.90  | 71.10       | 8.77  | 73.60       | 8.61  | 75.50       | 8.88  |
|        | 25                         | 52.50                        | 9.08  | 66.50       | 10.22 | 76.80       | 11.10 | 76.90       | 11.11 | 76.90       | 11.07 | 78.90       | 10.97 | 80.30       | 11.28 |
|        | 27                         | 61.20                        | 11.09 | 74.50       | 12.81 | 83.70       | 13.95 | 83.40       | 14.07 | 82.80       | 14.16 | 84.30       | 14.14 | 89.70       | 15.47 |
|        | 29                         | 70.20                        | 14.12 | 82.60       | 16.24 | 90.80       | 17.11 | 89.90       | 17.53 | 89.00       | 17.81 | 93.50       | 18.69 | 106.2       | 22.31 |
|        | 31                         | 79.40                        | 17.77 | 90.90       | 20.04 | 98.10       | 20.67 | 96.80       | 21.87 | 100.2       | 23.81 | 110.6       | 26.94 | 122.6       | 31.75 |
|        | 33                         | 88.90                        | 22.11 | 99.50       | 24.73 | 105.5       | 25.44 | 111.0       | 30.42 | 117.9       | 34.34 | 127.7       | 37.99 | 138.9       | 44.18 |
|        | 35                         | 98.60                        | 27.55 | 108.3       | 30.53 | 123.8       | 35.71 | 129.6       | 44.78 | 135.4       | 48.01 | 144.5       | 51.77 | 160.6       | 59.26 |
|        | 37                         | 98.60                        | 29.65 | 108.3       | 32.23 | 123.8       | 38.73 | 129.6       | 44.75 | 135.8       | 48.26 | 150.9       | 54.35 | 169.9       | 62.91 |
|        | 39                         | 98.60                        | 31.95 | 108.3       | 34.17 | 123.8       | 41.86 | 129.7       | 44.86 | 144.3       | 52.09 | 160.7       | 58.33 | 170.9       | 62.88 |
|        | 41                         | 98.60                        | 35.49 | 108.3       | 37.97 | 121.5       | 42.48 | 134.9       | 48.99 | 150.1       | 57.00 | 161.2       | 60.70 | 163.8       | 61.83 |
|        | 43                         | 98.60                        | 39.25 | 107.5       | 39.04 | 126.7       | 47.03 | 140.9       | 54.46 | 150.4       | 59.40 | 154.5       | 59.43 | 157.3       | 60.79 |
|        | 46                         | 95.40                        | 44.25 | 99.60       | 39.34 | 132.4       | 56.43 | 135.4       | 57.71 | 137.5       | 57.95 | 141.5       | 58.10 | 144.0       | 59.34 |
|        | 48                         | 84.50                        | 43.75 | 95.10       | 44.61 | 116.0       | 56.73 | 117.6       | 57.02 | 119.6       | 57.32 | 123.3       | 57.58 | 125.2       | 58.36 |
|        | 50                         | 73.40                        | 43.22 | 88.70       | 50.49 | 98.60       | 56.30 | 100.3       | 56.60 | 102.0       | 56.83 | 105.2       | 57.06 | 106.7       | 57.50 |
|        | 52                         | 67.90                        | 47.96 | 76.50       | 55.01 | 80.10       | 56.29 | 81.50       | 56.42 | 83.00       | 56.45 | 85.70       | 56.76 | 88.00       | 57.32 |
| 110    | 10                         | 28.20                        | 3.16  | 42.70       | 4.73  | 55.20       | 5.84  | 56.40       | 5.92  | 59.20       | 5.82  | 60.60       | 5.60  | 65.80       | 5.53  |
|        | 12                         | 28.20                        | 3.01  | 42.70       | 4.46  | 55.20       | 5.53  | 56.40       | 5.53  | 59.20       | 5.51  | 60.60       | 5.34  | 65.80       | 5.35  |
|        | 14                         | 28.20                        | 2.87  | 42.70       | 4.25  | 55.20       | 5.28  | 56.40       | 5.31  | 59.20       | 5.31  | 60.60       | 5.14  | 65.80       | 5.18  |
|        | 16                         | 28.20                        | 2.73  | 42.70       | 4.03  | 55.20       | 5.04  | 56.40       | 5.10  | 59.20       | 5.13  | 60.60       | 4.99  | 65.80       | 5.07  |
|        | 18                         | 28.20                        | 2.61  | 42.70       | 3.87  | 55.20       | 4.97  | 56.40       | 5.03  | 59.20       | 5.10  | 60.60       | 4.97  | 65.80       | 5.15  |
|        | 20                         | 28.20                        | 2.52  | 42.70       | 3.81  | 55.20       | 5.13  | 56.40       | 5.18  | 59.20       | 5.34  | 60.60       | 5.31  | 65.80       | 5.73  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 31.90                        | 2.94  | 46.00       | 4.44  | 58.20       | 6.29  | 59.20       | 6.46  | 61.90       | 6.79  | 62.90       | 6.86  | 67.90       | 7.15  |
|        | 23                              | 39.30                        | 7.16  | 52.80       | 8.07  | 64.20       | 8.75  | 64.80       | 8.56  | 67.20       | 8.67  | 67.70       | 8.44  | 72.30       | 8.63  |
|        | 25                              | 47.00                        | 8.50  | 59.80       | 9.55  | 70.50       | 10.57 | 70.50       | 10.45 | 72.80       | 10.60 | 72.50       | 10.24 | 76.90       | 10.66 |
|        | 27                              | 54.90                        | 10.28 | 66.90       | 11.74 | 76.90       | 13.05 | 76.40       | 12.91 | 78.40       | 12.96 | 77.40       | 12.56 | 85.90       | 14.15 |
|        | 29                              | 63.00                        | 12.89 | 74.20       | 14.76 | 83.40       | 16.10 | 82.40       | 15.86 | 84.20       | 15.86 | 86.00       | 15.95 | 101.6       | 19.77 |
|        | 31                              | 71.30                        | 16.15 | 81.70       | 18.13 | 90.10       | 19.40 | 88.70       | 19.10 | 94.80       | 20.55 | 101.7       | 22.27 | 117.3       | 27.18 |
|        | 33                              | 79.70                        | 19.95 | 89.40       | 22.20 | 97.00       | 23.42 | 101.8       | 25.15 | 111.5       | 28.65 | 117.3       | 30.71 | 132.9       | 36.74 |
|        | 35                              | 88.40                        | 24.66 | 97.40       | 27.29 | 113.7       | 31.76 | 118.8       | 34.40 | 128.2       | 39.51 | 133.0       | 41.68 | 148.4       | 48.78 |
|        | 37                              | 88.40                        | 26.14 | 97.40       | 28.99 | 113.7       | 33.49 | 118.8       | 37.07 | 128.2       | 42.70 | 133.0       | 44.59 | 148.6       | 52.22 |
|        | 39                              | 88.40                        | 28.21 | 97.40       | 30.83 | 113.7       | 35.89 | 118.8       | 40.44 | 128.2       | 45.71 | 139.7       | 50.67 | 158.3       | 59.79 |
|        | 41                              | 88.40                        | 31.38 | 97.40       | 33.83 | 113.7       | 39.74 | 118.8       | 46.10 | 131.7       | 52.60 | 146.2       | 59.83 | 156.5       | 65.89 |
|        | 43                              | 88.40                        | 34.15 | 97.40       | 36.46 | 111.2       | 43.47 | 123.6       | 49.85 | 137.4       | 57.20 | 148.1       | 61.85 | 150.1       | 62.95 |
|        | 46                              | 85.50                        | 34.98 | 94.30       | 36.80 | 115.8       | 50.86 | 129.0       | 57.95 | 131.4       | 58.96 | 135.4       | 59.20 | 137.2       | 60.21 |
|        | 48                              | 75.70                        | 34.33 | 83.70       | 36.78 | 110.2       | 55.84 | 112.7       | 56.58 | 114.2       | 56.92 | 117.7       | 57.06 | 119.5       | 58.01 |
|        | 50                              | 65.80                        | 33.64 | 78.40       | 40.74 | 94.10       | 54.02 | 95.80       | 54.75 | 97.30       | 54.94 | 100.2       | 54.82 | 101.6       | 55.71 |
|        | 52                              | 55.80                        | 32.93 | 71.90       | 46.73 | 76.00       | 52.11 | 77.80       | 53.33 | 78.90       | 53.11 | 81.60       | 52.87 | 83.50       | 53.93 |
| 100    | 10                              | 23.70                        | 2.80  | 35.80       | 4.34  | 48.30       | 5.57  | 51.30       | 5.72  | 53.90       | 5.70  | 59.80       | 6.01  | 62.10       | 5.92  |
|        | 12                              | 23.70                        | 2.68  | 35.80       | 4.14  | 48.30       | 5.24  | 51.30       | 5.33  | 53.90       | 5.36  | 59.80       | 5.76  | 62.10       | 5.72  |
|        | 14                              | 23.70                        | 2.58  | 35.80       | 3.95  | 48.30       | 4.98  | 51.30       | 5.07  | 53.90       | 5.10  | 59.80       | 5.57  | 62.10       | 5.54  |
|        | 16                              | 23.70                        | 2.46  | 35.80       | 3.74  | 48.30       | 4.76  | 51.30       | 4.88  | 53.90       | 4.94  | 59.80       | 5.39  | 62.10       | 5.42  |
|        | 18                              | 23.70                        | 2.34  | 35.80       | 3.57  | 48.30       | 4.59  | 51.30       | 4.76  | 53.90       | 4.90  | 59.80       | 5.36  | 62.10       | 5.42  |
|        | 20                              | 23.70                        | 2.27  | 35.80       | 3.48  | 48.30       | 4.66  | 51.30       | 4.94  | 53.90       | 5.13  | 59.80       | 5.56  | 62.10       | 5.80  |
|        | 21                              | 26.80                        | 2.62  | 38.70       | 3.95  | 50.90       | 5.60  | 53.80       | 6.00  | 56.30       | 6.35  | 62.10       | 6.86  | 64.10       | 7.49  |
|        | 23                              | 33.10                        | 6.76  | 44.30       | 7.63  | 56.20       | 8.49  | 58.90       | 8.64  | 61.20       | 8.71  | 66.70       | 8.80  | 68.30       | 8.77  |
|        | 25                              | 39.50                        | 7.91  | 50.20       | 8.92  | 61.70       | 10.06 | 64.20       | 10.40 | 66.20       | 10.59 | 71.50       | 10.43 | 72.50       | 10.49 |
|        | 27                              | 46.20                        | 9.48  | 56.20       | 10.70 | 67.20       | 12.44 | 69.50       | 12.84 | 71.40       | 13.01 | 76.40       | 12.80 | 81.10       | 13.59 |
|        | 29                              | 52.90                        | 11.62 | 62.30       | 13.32 | 73.00       | 15.46 | 75.00       | 15.89 | 76.70       | 15.88 | 84.80       | 16.24 | 95.90       | 18.70 |
|        | 31                              | 59.80                        | 14.61 | 68.60       | 16.34 | 78.80       | 18.68 | 80.70       | 19.16 | 86.30       | 19.94 | 100.3       | 21.96 | 110.8       | 25.06 |
|        | 33                              | 67.00                        | 17.81 | 75.10       | 19.85 | 84.80       | 22.63 | 92.60       | 25.15 | 101.6       | 26.50 | 115.8       | 29.40 | 125.6       | 33.16 |
|        | 35                              | 74.40                        | 21.86 | 81.70       | 24.16 | 99.40       | 30.63 | 108.1       | 34.23 | 116.7       | 35.21 | 130.5       | 38.76 | 140.1       | 43.69 |
|        | 37                              | 74.40                        | 23.42 | 81.70       | 25.94 | 99.40       | 32.46 | 108.1       | 35.84 | 116.7       | 37.49 | 128.2       | 40.67 | 137.3       | 46.16 |
|        | 39                              | 74.40                        | 25.12 | 81.70       | 27.88 | 99.40       | 34.36 | 108.1       | 37.50 | 116.7       | 40.06 | 126.1       | 42.85 | 135.3       | 48.84 |
|        | 41                              | 74.40                        | 27.53 | 81.70       | 30.62 | 99.40       | 37.19 | 108.1       | 41.15 | 116.7       | 43.77 | 125.3       | 47.29 | 141.9       | 56.82 |
|        | 43                              | 74.40                        | 30.50 | 81.70       | 33.97 | 99.40       | 40.62 | 108.1       | 44.77 | 117.1       | 49.56 | 130.3       | 55.70 | 141.1       | 63.29 |
|        | 46                              | 71.90                        | 34.46 | 79.10       | 38.37 | 99.80       | 47.33 | 110.2       | 56.12 | 122.2       | 64.30 | 127.2       | 65.34 | 129.1       | 66.83 |
|        | 48                              | 63.60                        | 30.08 | 70.00       | 33.49 | 94.70       | 46.75 | 105.2       | 55.07 | 107.2       | 55.97 | 110.6       | 56.11 | 112.2       | 57.17 |
|        | 50                              | 55.40                        | 25.61 | 62.30       | 29.39 | 87.30       | 44.57 | 90.00       | 46.37 | 90.80       | 46.46 | 94.00       | 46.59 | 95.30       | 47.31 |
|        | 52                              | 47.00                        | 21.01 | 59.00       | 28.35 | 70.00       | 36.38 | 72.70       | 36.92 | 73.70       | 37.13 | 76.40       | 37.16 | 78.10       | 37.67 |
| 90     | 10                              | 21.30                        | 2.52  | 32.40       | 4.02  | 43.50       | 5.34  | 46.20       | 5.56  | 48.50       | 5.65  | 54.40       | 6.07  | 61.50       | 6.57  |
|        | 12                              | 21.30                        | 2.40  | 32.40       | 3.78  | 43.50       | 4.97  | 46.20       | 5.16  | 48.50       | 5.26  | 54.40       | 5.63  | 61.50       | 6.17  |
|        | 14                              | 21.30                        | 2.28  | 32.40       | 3.55  | 43.50       | 4.64  | 46.20       | 4.81  | 48.50       | 4.87  | 54.40       | 5.23  | 61.50       | 5.76  |
|        | 16                              | 21.30                        | 2.18  | 32.40       | 3.34  | 43.50       | 4.34  | 46.20       | 4.48  | 48.50       | 4.55  | 54.40       | 4.89  | 61.50       | 5.41  |
|        | 18                              | 21.30                        | 2.06  | 32.40       | 3.14  | 43.50       | 4.09  | 46.20       | 4.25  | 48.50       | 4.32  | 54.40       | 4.66  | 61.50       | 5.34  |
|        | 20                              | 21.30                        | 1.97  | 32.40       | 2.99  | 43.50       | 3.96  | 46.20       | 4.15  | 48.50       | 4.32  | 54.40       | 4.85  | 61.50       | 5.58  |
|        | 21                              | 24.10                        | 2.24  | 34.90       | 3.31  | 45.80       | 4.56  | 48.40       | 4.89  | 50.60       | 5.16  | 56.50       | 5.75  | 63.40       | 7.08  |
|        | 23                              | 29.70                        | 5.98  | 40.00       | 6.65  | 50.60       | 7.42  | 53.00       | 7.59  | 55.00       | 7.62  | 60.80       | 7.98  | 67.60       | 8.82  |
|        | 25                              | 35.50                        | 6.84  | 45.30       | 7.71  | 55.50       | 8.65  | 57.70       | 8.87  | 59.60       | 9.01  | 65.10       | 9.51  | 71.80       | 10.43 |
|        | 27                              | 41.40                        | 8.12  | 50.70       | 9.09  | 60.50       | 10.43 | 62.50       | 10.77 | 64.20       | 11.00 | 69.60       | 11.48 | 80.30       | 13.28 |
|        | 29                              | 47.60                        | 9.72  | 56.20       | 11.12 | 65.60       | 12.88 | 67.50       | 13.27 | 69.00       | 13.52 | 77.20       | 14.50 | 94.90       | 18.05 |
|        | 31                              | 53.80                        | 12.13 | 61.90       | 13.63 | 70.90       | 15.50 | 72.60       | 15.88 | 77.70       | 17.07 | 91.30       | 19.18 | 109.6       | 23.77 |
|        | 33                              | 60.20                        | 14.79 | 67.70       | 16.41 | 76.30       | 18.64 | 83.30       | 20.60 | 91.30       | 22.89 | 105.4       | 25.14 | 123.5       | 30.81 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 66.90                        | 17.95 | 73.70       | 19.77 | 89.50       | 24.90 | 97.20       | 27.71 | 104.9       | 30.37 | 119.4       | 33.45 | 135.9       | 39.92 |
|        | 37                              | 66.90                        | 19.04 | 73.70       | 21.04 | 89.50       | 26.56 | 97.20       | 29.45 | 104.9       | 32.05 | 119.4       | 35.49 | 133.7       | 41.78 |
|        | 39                              | 66.90                        | 20.18 | 73.70       | 22.40 | 89.50       | 28.13 | 97.20       | 31.34 | 104.9       | 33.65 | 119.4       | 37.94 | 131.7       | 43.73 |
|        | 41                              | 66.90                        | 23.40 | 73.70       | 25.76 | 89.50       | 31.98 | 97.20       | 35.47 | 104.9       | 37.53 | 118.4       | 41.68 | 126.1       | 47.12 |
|        | 43                              | 66.90                        | 26.19 | 73.70       | 28.86 | 89.50       | 36.15 | 97.20       | 39.46 | 104.9       | 41.48 | 114.7       | 45.76 | 128.0       | 54.63 |
|        | 46                              | 64.70                        | 30.97 | 71.40       | 34.52 | 86.70       | 43.03 | 94.50       | 46.92 | 107.0       | 54.47 | 119.7       | 61.74 | 125.2       | 66.79 |
|        | 48                              | 57.10                        | 27.38 | 63.10       | 30.50 | 78.50       | 39.11 | 91.80       | 47.21 | 102.0       | 54.26 | 108.1       | 56.11 | 108.9       | 57.26 |
|        | 50                              | 49.80                        | 23.71 | 55.00       | 26.39 | 75.30       | 38.67 | 88.00       | 46.51 | 88.50       | 47.59 | 91.80       | 46.62 | 92.40       | 47.51 |
|        | 52                              | 42.30                        | 19.93 | 48.00       | 23.14 | 69.90       | 37.64 | 74.70       | 40.15 | 71.20       | 39.14 | 74.40       | 37.16 | 75.50       | 37.88 |
| 80     | 10                              | 18.90                        | 2.41  | 28.70       | 3.69  | 38.50       | 5.09  | 41.00       | 5.39  | 43.30       | 5.57  | 48.50       | 6.18  | 54.60       | 6.71  |
|        | 12                              | 18.90                        | 2.16  | 28.70       | 3.48  | 38.50       | 4.77  | 41.00       | 5.02  | 43.30       | 5.16  | 48.50       | 5.73  | 54.60       | 6.22  |
|        | 14                              | 18.90                        | 2.07  | 28.70       | 3.31  | 38.50       | 4.44  | 41.00       | 4.68  | 43.30       | 4.80  | 48.50       | 5.32  | 54.60       | 5.78  |
|        | 16                              | 18.90                        | 1.97  | 28.70       | 3.12  | 38.50       | 4.17  | 41.00       | 4.37  | 43.30       | 4.48  | 48.50       | 4.98  | 54.60       | 5.41  |
|        | 18                              | 18.90                        | 1.89  | 28.70       | 2.94  | 38.50       | 3.92  | 41.00       | 4.11  | 43.30       | 4.23  | 48.50       | 4.69  | 54.60       | 5.16  |
|        | 20                              | 18.90                        | 1.82  | 28.70       | 2.82  | 38.50       | 3.79  | 41.00       | 3.98  | 43.30       | 4.11  | 48.50       | 4.66  | 54.60       | 5.35  |
|        | 21                              | 21.40                        | 2.05  | 30.90       | 3.08  | 40.60       | 4.22  | 43.10       | 4.47  | 45.20       | 4.70  | 50.40       | 5.42  | 56.40       | 6.50  |
|        | 23                              | 26.40                        | 5.91  | 35.50       | 6.53  | 44.90       | 7.26  | 47.10       | 7.45  | 49.10       | 7.53  | 54.10       | 8.17  | 60.00       | 8.82  |
|        | 25                              | 31.60                        | 6.65  | 40.10       | 7.49  | 49.20       | 8.41  | 51.40       | 8.60  | 53.10       | 8.69  | 58.10       | 9.44  | 63.80       | 10.23 |
|        | 27                              | 36.80                        | 7.77  | 44.90       | 8.72  | 53.70       | 9.88  | 55.60       | 10.18 | 57.30       | 10.38 | 62.00       | 11.24 | 71.30       | 12.68 |
|        | 29                              | 42.20                        | 9.21  | 49.80       | 10.45 | 58.20       | 11.99 | 60.00       | 12.36 | 61.50       | 12.62 | 68.80       | 14.23 | 84.30       | 16.98 |
|        | 31                              | 47.70                        | 11.32 | 54.80       | 12.72 | 62.90       | 14.44 | 64.60       | 14.82 | 69.20       | 15.83 | 81.30       | 18.81 | 97.40       | 21.94 |
|        | 33                              | 53.50                        | 13.73 | 60.00       | 15.26 | 67.70       | 17.19 | 74.10       | 18.96 | 81.50       | 21.02 | 93.90       | 24.46 | 110.4       | 28.15 |
|        | 35                              | 59.30                        | 16.57 | 65.40       | 18.21 | 79.40       | 22.69 | 86.40       | 25.13 | 93.70       | 27.73 | 106.4       | 31.76 | 123.4       | 36.54 |
|        | 37                              | 59.30                        | 17.52 | 65.40       | 19.36 | 79.40       | 24.09 | 86.40       | 26.75 | 93.70       | 29.48 | 106.4       | 33.53 | 123.4       | 38.83 |
|        | 39                              | 59.30                        | 18.50 | 65.40       | 20.48 | 79.40       | 25.80 | 86.40       | 28.78 | 93.70       | 31.69 | 106.4       | 35.41 | 123.4       | 41.60 |
|        | 41                              | 59.30                        | 21.22 | 65.40       | 23.54 | 79.40       | 29.36 | 86.40       | 32.69 | 93.70       | 36.07 | 106.4       | 39.43 | 123.0       | 46.39 |
|        | 43                              | 59.30                        | 24.21 | 65.40       | 26.64 | 79.40       | 33.21 | 86.40       | 36.89 | 93.70       | 40.76 | 106.4       | 43.60 | 118.0       | 49.97 |
|        | 46                              | 57.50                        | 28.31 | 63.20       | 31.54 | 76.80       | 39.22 | 83.60       | 42.98 | 90.50       | 47.99 | 103.1       | 52.49 | 115.6       | 61.77 |
|        | 48                              | 50.80                        | 25.00 | 56.00       | 27.90 | 68.00       | 34.61 | 74.00       | 37.82 | 84.80       | 45.92 | 98.40       | 51.42 | 105.9       | 57.34 |
|        | 50                              | 44.20                        | 21.63 | 48.70       | 24.16 | 59.50       | 30.10 | 69.50       | 36.15 | 81.40       | 45.39 | 89.10       | 46.76 | 90.10       | 47.65 |
|        | 52                              | 37.50                        | 18.18 | 41.30       | 20.33 | 56.20       | 29.53 | 65.70       | 35.85 | 70.90       | 40.81 | 71.80       | 37.19 | 73.20       | 37.91 |
| 70     | 10                              | 16.50                        | 2.23  | 25.10       | 3.11  | 33.70       | 4.39  | 35.90       | 4.74  | 37.80       | 4.98  | 42.40       | 5.60  | 47.80       | 6.34  |
|        | 12                              | 16.50                        | 1.78  | 25.10       | 2.95  | 33.70       | 4.17  | 35.90       | 4.44  | 37.80       | 4.65  | 42.40       | 5.22  | 47.80       | 5.89  |
|        | 14                              | 16.50                        | 1.72  | 25.10       | 2.80  | 33.70       | 3.92  | 35.90       | 4.15  | 37.80       | 4.33  | 42.40       | 4.87  | 47.80       | 5.49  |
|        | 16                              | 16.50                        | 1.67  | 25.10       | 2.68  | 33.70       | 3.68  | 35.90       | 3.91  | 37.80       | 4.06  | 42.40       | 4.54  | 47.80       | 5.15  |
|        | 18                              | 16.50                        | 1.60  | 25.10       | 2.55  | 33.70       | 3.50  | 35.90       | 3.70  | 37.80       | 3.83  | 42.40       | 4.27  | 47.80       | 4.87  |
|        | 20                              | 16.50                        | 1.54  | 25.10       | 2.44  | 33.70       | 3.34  | 35.90       | 3.55  | 37.80       | 3.69  | 42.40       | 4.15  | 47.80       | 4.86  |
|        | 21                              | 18.70                        | 1.74  | 27.10       | 2.64  | 35.50       | 3.65  | 37.60       | 3.88  | 39.50       | 4.06  | 44.00       | 4.60  | 49.40       | 5.63  |
|        | 23                              | 23.10                        | 4.77  | 31.10       | 6.17  | 39.30       | 6.72  | 41.20       | 6.90  | 42.90       | 6.99  | 47.30       | 7.72  | 52.50       | 8.56  |
|        | 25                              | 27.60                        | 6.03  | 35.30       | 6.81  | 43.10       | 7.66  | 44.90       | 7.88  | 46.50       | 7.96  | 50.60       | 8.75  | 55.80       | 9.51  |
|        | 27                              | 32.20                        | 6.95  | 39.50       | 7.89  | 47.00       | 8.85  | 48.70       | 9.03  | 50.00       | 9.24  | 54.10       | 10.20 | 62.50       | 11.61 |
|        | 29                              | 36.90                        | 8.21  | 43.70       | 9.18  | 51.00       | 10.50 | 52.50       | 10.81 | 53.80       | 11.06 | 60.10       | 12.67 | 73.80       | 15.61 |
|        | 31                              | 41.80                        | 9.88  | 48.20       | 11.18 | 55.00       | 12.66 | 56.40       | 13.00 | 60.60       | 13.85 | 71.10       | 16.68 | 85.30       | 20.15 |
|        | 33                              | 46.70                        | 11.93 | 52.70       | 13.24 | 59.30       | 14.92 | 64.80       | 16.32 | 71.30       | 18.03 | 82.00       | 21.57 | 96.60       | 25.91 |
|        | 35                              | 51.90                        | 14.30 | 57.40       | 15.80 | 69.50       | 19.33 | 75.50       | 21.29 | 81.90       | 23.41 | 92.90       | 27.81 | 108.1       | 33.02 |
|        | 37                              | 51.90                        | 15.19 | 57.40       | 16.71 | 69.50       | 20.54 | 75.50       | 22.67 | 81.90       | 24.94 | 92.90       | 29.63 | 108.1       | 34.88 |
|        | 39                              | 51.90                        | 16.12 | 57.40       | 17.82 | 69.50       | 21.99 | 75.50       | 24.41 | 81.90       | 26.96 | 92.90       | 31.73 | 108.1       | 37.60 |
|        | 41                              | 51.90                        | 18.49 | 57.40       | 20.24 | 69.50       | 25.02 | 75.50       | 27.77 | 81.90       | 30.40 | 92.90       | 36.12 | 108.1       | 42.02 |
|        | 43                              | 51.90                        | 20.86 | 57.40       | 22.87 | 69.50       | 28.30 | 75.50       | 31.38 | 81.90       | 34.38 | 92.90       | 40.85 | 108.1       | 47.02 |
|        | 46                              | 50.20                        | 24.34 | 55.50       | 27.03 | 67.30       | 33.48 | 73.20       | 36.68 | 79.30       | 40.60 | 89.90       | 48.21 | 104.6       | 54.78 |
|        | 48                              | 44.50                        | 21.50 | 49.20       | 23.90 | 59.50       | 29.59 | 64.70       | 32.38 | 70.10       | 35.84 | 79.60       | 42.50 | 95.40       | 49.87 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 38.70                        | 18.58 | 42.70       | 20.68 | 51.80       | 25.59 | 56.30       | 27.96 | 62.20       | 31.76 | 75.00       | 41.05 | 91.00       | 48.29 |
|        | 52                         | 32.90                        | 15.60 | 36.30       | 17.39 | 43.90       | 21.50 | 50.50       | 25.34 | 58.90       | 31.48 | 69.40       | 39.70 | 76.50       | 40.27 |
| 60     | 10                         | 14.20                        | 2.05  | 21.50       | 2.80  | 28.90       | 3.64  | 30.70       | 3.97  | 32.40       | 4.22  | 36.40       | 4.83  | 41.00       | 5.53  |
|        | 12                         | 14.20                        | 1.45  | 21.50       | 2.38  | 28.90       | 3.46  | 30.70       | 3.75  | 32.40       | 3.99  | 36.40       | 4.53  | 41.00       | 5.19  |
|        | 14                         | 14.20                        | 1.40  | 21.50       | 2.30  | 28.90       | 3.30  | 30.70       | 3.55  | 32.40       | 3.75  | 36.40       | 4.25  | 41.00       | 4.85  |
|        | 16                         | 14.20                        | 1.37  | 21.50       | 2.22  | 28.90       | 3.12  | 30.70       | 3.36  | 32.40       | 3.55  | 36.40       | 4.00  | 41.00       | 4.55  |
|        | 18                         | 14.20                        | 1.33  | 21.50       | 2.13  | 28.90       | 2.97  | 30.70       | 3.18  | 32.40       | 3.35  | 36.40       | 3.76  | 41.00       | 4.31  |
|        | 20                         | 14.20                        | 1.28  | 21.50       | 2.04  | 28.90       | 2.85  | 30.70       | 3.05  | 32.40       | 3.20  | 36.40       | 3.61  | 41.00       | 4.19  |
|        | 21                         | 16.00                        | 1.44  | 23.20       | 2.19  | 30.50       | 3.08  | 32.30       | 3.28  | 33.90       | 3.45  | 37.80       | 3.90  | 42.40       | 4.63  |
|        | 23                         | 19.80                        | 3.31  | 26.60       | 4.85  | 33.70       | 6.23  | 35.30       | 6.37  | 36.80       | 6.42  | 40.60       | 7.05  | 45.10       | 7.98  |
|        | 25                         | 24.00                        | 5.60  | 30.10       | 6.14  | 36.90       | 6.87  | 38.50       | 7.07  | 39.80       | 7.19  | 43.50       | 7.89  | 47.90       | 8.94  |
|        | 27                         | 27.60                        | 6.19  | 33.70       | 6.96  | 40.20       | 7.83  | 41.70       | 8.04  | 42.90       | 8.17  | 46.40       | 8.92  | 53.50       | 10.58 |
|        | 29                         | 31.60                        | 7.20  | 37.40       | 8.06  | 43.70       | 9.09  | 45.00       | 9.36  | 46.00       | 9.57  | 51.60       | 10.87 | 63.30       | 13.87 |
|        | 31                         | 35.80                        | 8.49  | 41.20       | 9.55  | 47.20       | 10.87 | 48.40       | 11.20 | 51.90       | 11.91 | 61.00       | 14.19 | 73.10       | 17.78 |
|        | 33                         | 40.10                        | 10.17 | 45.00       | 11.29 | 50.80       | 12.75 | 55.60       | 13.92 | 61.00       | 15.27 | 70.40       | 18.02 | 82.90       | 22.55 |
|        | 35                         | 44.50                        | 12.13 | 49.00       | 13.41 | 59.60       | 16.26 | 64.80       | 17.80 | 70.10       | 19.43 | 79.70       | 22.89 | 92.70       | 28.42 |
|        | 37                         | 44.50                        | 12.80 | 49.00       | 14.14 | 59.60       | 17.22 | 64.80       | 18.92 | 70.10       | 20.63 | 79.70       | 24.30 | 92.70       | 30.25 |
|        | 39                         | 44.50                        | 13.59 | 49.00       | 15.05 | 59.60       | 18.59 | 64.80       | 20.30 | 70.10       | 22.22 | 79.70       | 26.09 | 92.70       | 32.45 |
|        | 41                         | 44.50                        | 15.28 | 49.00       | 17.08 | 59.60       | 20.93 | 64.80       | 23.02 | 70.10       | 25.03 | 79.70       | 29.70 | 92.70       | 36.57 |
|        | 43                         | 44.50                        | 17.22 | 49.00       | 19.29 | 59.60       | 23.67 | 64.80       | 26.01 | 70.10       | 28.29 | 79.70       | 33.61 | 92.70       | 41.37 |
|        | 46                         | 43.10                        | 20.30 | 47.50       | 22.78 | 57.70       | 27.97 | 62.70       | 30.72 | 67.80       | 33.43 | 77.20       | 39.73 | 89.70       | 49.43 |
|        | 48                         | 38.00                        | 17.95 | 41.90       | 20.12 | 51.00       | 24.74 | 55.50       | 27.13 | 60.00       | 29.52 | 68.30       | 35.10 | 79.30       | 43.67 |
|        | 50                         | 33.10                        | 15.52 | 36.40       | 17.41 | 44.40       | 21.40 | 48.30       | 23.46 | 52.10       | 25.53 | 59.40       | 30.34 | 69.00       | 37.75 |
|        | 52                         | 28.10                        | 13.02 | 31.00       | 14.62 | 37.70       | 17.99 | 41.00       | 19.69 | 44.40       | 21.43 | 52.50       | 26.99 | 63.90       | 35.94 |
| 50     | 10                         | 11.90                        | 2.06  | 18.00       | 2.54  | 24.10       | 3.14  | 25.70       | 3.22  | 27.00       | 3.36  | 30.20       | 3.86  | 34.10       | 4.46  |
|        | 12                         | 11.90                        | 1.40  | 18.00       | 1.85  | 24.10       | 2.71  | 25.70       | 2.98  | 27.00       | 3.22  | 30.20       | 3.69  | 34.10       | 4.24  |
|        | 14                         | 11.90                        | 1.23  | 18.00       | 1.80  | 24.10       | 2.61  | 25.70       | 2.85  | 27.00       | 3.06  | 30.20       | 3.48  | 34.10       | 4.00  |
|        | 16                         | 11.90                        | 1.21  | 18.00       | 1.75  | 24.10       | 2.50  | 25.70       | 2.73  | 27.00       | 2.90  | 30.20       | 3.31  | 34.10       | 3.79  |
|        | 18                         | 11.90                        | 1.17  | 18.00       | 1.68  | 24.10       | 2.40  | 25.70       | 2.61  | 27.00       | 2.77  | 30.20       | 3.14  | 34.10       | 3.60  |
|        | 20                         | 11.90                        | 1.13  | 18.00       | 1.63  | 24.10       | 2.32  | 25.70       | 2.50  | 27.00       | 2.66  | 30.20       | 3.01  | 34.10       | 3.48  |
|        | 21                         | 13.40                        | 1.17  | 19.40       | 1.75  | 25.50       | 2.46  | 26.90       | 2.65  | 28.20       | 2.81  | 31.40       | 3.17  | 35.30       | 3.74  |
|        | 23                         | 16.50                        | 2.27  | 22.30       | 3.24  | 28.00       | 5.57  | 29.50       | 5.83  | 30.60       | 5.91  | 33.70       | 6.37  | 37.60       | 7.08  |
|        | 25                         | 22.90                        | 5.50  | 25.20       | 5.51  | 30.80       | 6.09  | 32.00       | 6.23  | 33.10       | 6.37  | 36.20       | 6.96  | 39.90       | 7.87  |
|        | 27                         | 23.20                        | 5.54  | 28.20       | 6.05  | 33.60       | 6.84  | 34.70       | 7.03  | 35.70       | 7.14  | 38.60       | 7.83  | 44.70       | 9.13  |
|        | 29                         | 26.50                        | 6.30  | 31.30       | 6.93  | 36.40       | 7.78  | 37.50       | 7.99  | 38.30       | 8.13  | 42.90       | 9.16  | 52.80       | 11.44 |
|        | 31                         | 29.90                        | 7.27  | 34.50       | 8.02  | 39.30       | 9.13  | 40.30       | 9.37  | 43.20       | 10.02 | 50.70       | 11.85 | 61.00       | 14.62 |
|        | 33                         | 33.50                        | 8.63  | 37.80       | 9.44  | 42.40       | 10.67 | 46.30       | 11.57 | 50.80       | 12.68 | 58.50       | 14.81 | 69.10       | 18.18 |
|        | 35                         | 37.20                        | 10.16 | 41.10       | 11.06 | 49.70       | 13.40 | 54.00       | 14.61 | 58.40       | 15.81 | 66.30       | 18.35 | 77.20       | 22.55 |
|        | 37                         | 37.20                        | 10.73 | 41.10       | 11.67 | 49.70       | 14.17 | 54.00       | 15.45 | 58.40       | 16.73 | 66.30       | 19.58 | 77.20       | 23.95 |
|        | 39                         | 37.20                        | 11.41 | 41.10       | 12.47 | 49.70       | 15.18 | 54.00       | 16.64 | 58.40       | 17.96 | 66.30       | 20.87 | 77.20       | 25.88 |
|        | 41                         | 37.20                        | 12.75 | 41.10       | 13.98 | 49.70       | 17.22 | 54.00       | 18.68 | 58.40       | 20.18 | 66.30       | 23.74 | 77.20       | 29.16 |
|        | 43                         | 37.20                        | 14.32 | 41.10       | 15.75 | 49.70       | 19.41 | 54.00       | 21.09 | 58.40       | 22.79 | 66.30       | 26.83 | 77.20       | 32.96 |
|        | 46                         | 36.00                        | 16.73 | 39.80       | 18.58 | 48.10       | 22.88 | 52.30       | 24.89 | 56.40       | 26.88 | 64.20       | 31.72 | 74.80       | 38.97 |
|        | 48                         | 31.80                        | 14.71 | 35.10       | 16.43 | 42.60       | 20.20 | 46.30       | 21.99 | 49.90       | 23.74 | 56.80       | 28.04 | 66.10       | 34.44 |
|        | 50                         | 27.60                        | 12.68 | 30.50       | 14.25 | 37.00       | 17.45 | 40.20       | 19.00 | 43.40       | 20.51 | 49.30       | 24.26 | 57.60       | 29.79 |
|        | 52                         | 23.60                        | 10.60 | 26.00       | 12.01 | 31.40       | 14.64 | 34.30       | 15.96 | 36.80       | 17.22 | 42.00       | 20.39 | 49.00       | 25.04 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM480LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 36.20                        | 4.20  | 54.80       | 5.76  | 68.20       | 6.38  | 69.60       | 5.90  | 70.60       | 5.48  | 74.20       | 5.30  | 77.20       | 5.28  |
|        | 12                              | 36.20                        | 3.94  | 54.80       | 5.40  | 68.20       | 6.06  | 69.60       | 5.58  | 70.60       | 5.26  | 74.20       | 5.10  | 77.20       | 5.16  |
|        | 14                              | 36.20                        | 3.70  | 54.80       | 5.10  | 68.20       | 5.78  | 69.60       | 5.36  | 70.60       | 5.10  | 74.20       | 5.00  | 77.20       | 5.10  |
|        | 16                              | 36.20                        | 3.52  | 54.80       | 4.82  | 68.20       | 5.62  | 69.60       | 5.28  | 70.60       | 5.08  | 74.20       | 5.02  | 77.20       | 5.18  |
|        | 18                              | 36.20                        | 3.36  | 54.80       | 4.72  | 68.20       | 5.56  | 69.60       | 5.38  | 70.60       | 5.24  | 74.20       | 5.28  | 77.20       | 5.66  |
|        | 20                              | 36.20                        | 3.26  | 54.80       | 4.80  | 68.20       | 5.90  | 69.60       | 6.12  | 70.60       | 6.20  | 74.20       | 6.56  | 77.20       | 7.38  |
|        | 21                              | 41.00                        | 3.90  | 59.20       | 5.84  | 71.80       | 7.70  | 73.00       | 8.16  | 73.80       | 7.98  | 77.00       | 8.14  | 79.80       | 8.52  |
|        | 23                              | 50.60                        | 8.28  | 68.00       | 9.08  | 79.20       | 9.52  | 80.00       | 10.72 | 80.20       | 10.62 | 82.80       | 10.84 | 85.00       | 11.32 |
|        | 25                              | 60.60                        | 10.08 | 76.80       | 11.20 | 87.00       | 12.16 | 87.00       | 14.44 | 86.80       | 14.38 | 88.60       | 14.56 | 90.20       | 15.16 |
|        | 27                              | 70.60                        | 12.74 | 86.00       | 14.34 | 94.80       | 15.88 | 94.40       | 19.54 | 93.60       | 19.32 | 94.60       | 19.36 | 100.8       | 21.48 |
|        | 29                              | 81.00                        | 16.46 | 95.40       | 18.32 | 102.8       | 20.44 | 101.8       | 25.46 | 100.4       | 25.06 | 105.2       | 26.24 | 120.4       | 32.24 |
|        | 31                              | 91.60                        | 20.86 | 105.2       | 22.60 | 111.2       | 25.86 | 109.4       | 29.98 | 113.0       | 31.52 | 123.4       | 35.40 | 140.2       | 43.40 |
|        | 33                              | 102.6                        | 26.28 | 115.0       | 28.48 | 119.6       | 32.80 | 125.6       | 38.60 | 132.8       | 42.36 | 142.4       | 46.72 | 162.2       | 56.52 |
|        | 35                              | 113.8                        | 33.18 | 125.2       | 35.40 | 140.2       | 48.00 | 146.0       | 51.38 | 153.0       | 55.54 | 169.6       | 61.32 | 191.0       | 69.94 |
|        | 37                              | 113.8                        | 35.40 | 125.2       | 37.64 | 139.2       | 47.98 | 144.6       | 51.38 | 161.2       | 59.16 | 178.8       | 65.38 | 189.0       | 69.02 |
|        | 39                              | 113.8                        | 37.72 | 125.2       | 40.24 | 137.8       | 47.94 | 153.6       | 55.66 | 170.8       | 63.52 | 182.8       | 67.12 | 186.2       | 67.84 |
|        | 41                              | 113.8                        | 41.50 | 121.6       | 43.06 | 142.8       | 52.62 | 158.8       | 61.36 | 170.6       | 66.04 | 175.6       | 66.66 | 178.2       | 67.34 |
|        | 43                              | 113.8                        | 45.34 | 116.4       | 42.58 | 148.6       | 58.24 | 160.6       | 64.78 | 163.8       | 65.16 | 168.8       | 65.66 | 171.4       | 66.94 |
|        | 46                              | 110.0                        | 50.82 | 116.4       | 48.62 | 144.4       | 63.40 | 146.6       | 63.64 | 150.0       | 64.16 | 154.4       | 64.52 | 157.0       | 65.84 |
|        | 48                              | 97.40                        | 49.78 | 110.8       | 55.08 | 125.6       | 62.44 | 127.8       | 62.72 | 130.4       | 63.22 | 134.4       | 63.56 | 136.4       | 64.62 |
|        | 50                              | 88.60                        | 51.84 | 103.0       | 61.72 | 106.6       | 61.52 | 108.8       | 61.72 | 110.8       | 62.26 | 114.8       | 62.62 | 116.0       | 63.36 |
|        | 52                              | 84.20                        | 61.58 | 81.60       | 61.66 | 86.40       | 61.72 | 88.20       | 61.68 | 90.40       | 62.64 | 93.80       | 62.78 | 96.00       | 63.82 |
| 120    | 10                              | 32.80                        | 3.84  | 49.60       | 5.48  | 62.80       | 6.42  | 64.20       | 6.38  | 65.20       | 5.82  | 68.80       | 5.52  | 71.80       | 5.52  |
|        | 12                              | 32.80                        | 3.62  | 49.60       | 5.14  | 62.80       | 6.08  | 64.20       | 5.94  | 65.20       | 5.54  | 68.80       | 5.36  | 71.80       | 5.40  |
|        | 14                              | 32.80                        | 3.44  | 49.60       | 4.84  | 62.80       | 5.80  | 64.20       | 5.68  | 65.20       | 5.32  | 68.80       | 5.22  | 71.80       | 5.30  |
|        | 16                              | 32.80                        | 3.26  | 49.60       | 4.60  | 62.80       | 5.56  | 64.20       | 5.46  | 65.20       | 5.22  | 68.80       | 5.14  | 71.80       | 5.30  |
|        | 18                              | 32.80                        | 3.10  | 49.60       | 4.44  | 62.80       | 5.44  | 64.20       | 5.44  | 65.20       | 5.28  | 68.80       | 5.26  | 71.80       | 5.52  |
|        | 20                              | 32.80                        | 3.00  | 49.60       | 4.44  | 62.80       | 5.68  | 64.20       | 5.76  | 65.20       | 5.72  | 68.80       | 5.90  | 71.80       | 6.58  |
|        | 21                              | 37.00                        | 3.56  | 53.40       | 5.32  | 66.20       | 7.26  | 67.40       | 7.52  | 68.20       | 7.48  | 71.40       | 7.44  | 74.00       | 7.70  |
|        | 23                              | 45.80                        | 7.92  | 61.40       | 8.84  | 73.00       | 9.46  | 73.80       | 9.36  | 74.20       | 9.38  | 76.80       | 9.26  | 78.80       | 9.60  |
|        | 25                              | 54.80                        | 9.56  | 69.40       | 10.78 | 80.20       | 11.76 | 80.20       | 11.78 | 80.20       | 11.96 | 82.40       | 11.88 | 83.80       | 12.26 |
|        | 27                              | 63.80                        | 11.78 | 77.80       | 13.62 | 87.40       | 14.86 | 87.00       | 15.06 | 86.40       | 15.38 | 88.00       | 15.40 | 93.60       | 16.88 |
|        | 29                              | 73.20                        | 15.10 | 86.20       | 17.34 | 94.80       | 18.26 | 93.80       | 18.86 | 92.80       | 19.36 | 97.60       | 20.38 | 110.8       | 24.48 |
|        | 31                              | 82.80                        | 19.06 | 94.80       | 21.46 | 102.4       | 22.12 | 101.0       | 23.70 | 104.6       | 26.00 | 115.4       | 29.54 | 128.0       | 35.00 |
|        | 33                              | 92.80                        | 23.82 | 103.8       | 26.58 | 110.2       | 27.30 | 115.8       | 33.26 | 123.0       | 37.68 | 133.2       | 41.82 | 145.0       | 48.88 |
|        | 35                              | 102.8                        | 29.78 | 113.0       | 32.92 | 129.2       | 38.68 | 135.2       | 49.22 | 141.2       | 52.92 | 150.8       | 57.06 | 169.2       | 65.10 |
|        | 37                              | 102.8                        | 32.06 | 113.0       | 34.74 | 129.2       | 42.12 | 135.2       | 49.16 | 142.0       | 53.30 | 158.6       | 60.04 | 178.4       | 68.88 |
|        | 39                              | 102.8                        | 34.54 | 113.0       | 36.82 | 129.2       | 45.74 | 135.4       | 49.28 | 151.2       | 57.70 | 168.4       | 63.96 | 178.2       | 68.30 |
|        | 41                              | 102.8                        | 38.38 | 113.0       | 40.90 | 127.0       | 46.64 | 141.2       | 54.04 | 157.0       | 63.10 | 168.2       | 66.46 | 171.0       | 67.50 |
|        | 43                              | 102.8                        | 42.48 | 112.2       | 42.04 | 132.2       | 51.02 | 147.0       | 59.32 | 156.8       | 64.84 | 161.2       | 64.92 | 164.2       | 66.42 |
|        | 46                              | 99.60                        | 47.90 | 103.6       | 42.10 | 137.6       | 60.94 | 141.2       | 62.68 | 143.4       | 62.90 | 147.6       | 63.12 | 150.4       | 64.60 |
|        | 48                              | 88.20                        | 47.36 | 98.60       | 47.80 | 121.0       | 61.64 | 122.6       | 61.96 | 124.8       | 62.28 | 128.6       | 62.58 | 130.6       | 63.44 |
|        | 50                              | 76.60                        | 46.78 | 91.80       | 54.22 | 102.8       | 61.22 | 104.6       | 61.62 | 106.0       | 61.62 | 109.4       | 61.86 | 111.4       | 62.60 |
|        | 52                              | 70.80                        | 52.36 | 78.40       | 60.16 | 82.60       | 61.66 | 84.00       | 61.84 | 85.80       | 61.90 | 88.80       | 62.38 | 91.60       | 62.98 |
| 110    | 10                              | 29.40                        | 3.48  | 44.60       | 5.12  | 57.60       | 6.22  | 58.80       | 6.26  | 61.80       | 6.12  | 63.20       | 5.86  | 68.60       | 5.78  |
|        | 12                              | 29.40                        | 3.30  | 44.60       | 4.82  | 57.60       | 5.88  | 58.80       | 5.86  | 61.80       | 5.80  | 63.20       | 5.60  | 68.60       | 5.62  |
|        | 14                              | 29.40                        | 3.14  | 44.60       | 4.58  | 57.60       | 5.62  | 58.80       | 5.62  | 61.80       | 5.60  | 63.20       | 5.40  | 68.60       | 5.46  |
|        | 16                              | 29.40                        | 2.98  | 44.60       | 4.34  | 57.60       | 5.36  | 58.80       | 5.40  | 61.80       | 5.42  | 63.20       | 5.26  | 68.60       | 5.38  |
|        | 18                              | 29.40                        | 2.84  | 44.60       | 4.16  | 57.60       | 5.30  | 58.80       | 5.34  | 61.80       | 5.40  | 63.20       | 5.26  | 68.60       | 5.50  |
|        | 20                              | 29.40                        | 2.74  | 44.60       | 4.10  | 57.60       | 5.48  | 58.80       | 5.52  | 61.80       | 5.68  | 63.20       | 5.66  | 68.60       | 6.20  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 33.20                        | 3.20  | 48.00       | 4.80  | 60.80       | 6.76  | 61.80       | 6.94  | 64.60       | 7.28  | 65.60       | 7.36  | 70.80       | 7.62  |
|        | 23                               | 41.00                        | 7.50  | 55.00       | 8.44  | 67.00       | 9.14  | 67.60       | 8.98  | 70.20       | 9.12  | 70.60       | 8.96  | 75.40       | 9.26  |
|        | 25                               | 49.00                        | 8.96  | 62.40       | 10.04 | 73.60       | 11.20 | 73.60       | 11.06 | 76.00       | 11.22 | 75.60       | 10.98 | 80.20       | 11.52 |
|        | 27                               | 57.20                        | 10.90 | 69.80       | 12.48 | 80.20       | 13.90 | 79.80       | 13.74 | 81.80       | 13.82 | 80.80       | 13.60 | 89.60       | 15.40 |
|        | 29                               | 65.80                        | 13.80 | 77.40       | 15.78 | 87.00       | 17.18 | 86.00       | 16.90 | 87.80       | 17.00 | 89.80       | 17.32 | 106.0       | 21.58 |
|        | 31                               | 74.40                        | 17.32 | 85.20       | 19.42 | 94.00       | 20.78 | 92.60       | 20.42 | 99.00       | 22.22 | 106.2       | 24.32 | 122.4       | 29.82 |
|        | 33                               | 83.20                        | 21.48 | 93.20       | 23.86 | 101.2       | 25.14 | 106.2       | 27.00 | 116.4       | 31.28 | 122.4       | 33.70 | 138.6       | 40.48 |
|        | 35                               | 92.20                        | 26.66 | 101.6       | 29.42 | 118.6       | 34.26 | 124.0       | 37.16 | 133.8       | 43.42 | 138.8       | 45.92 | 154.8       | 53.44 |
|        | 37                               | 92.20                        | 28.26 | 101.6       | 31.26 | 118.6       | 36.10 | 124.0       | 40.22 | 133.8       | 46.92 | 138.8       | 49.12 | 156.2       | 57.34 |
|        | 39                               | 92.20                        | 30.50 | 101.6       | 33.24 | 118.6       | 38.64 | 124.0       | 44.08 | 133.8       | 50.20 | 146.4       | 56.12 | 166.0       | 65.28 |
|        | 41                               | 92.20                        | 33.94 | 101.6       | 36.48 | 118.6       | 42.76 | 124.0       | 50.50 | 137.8       | 58.02 | 153.0       | 66.24 | 163.4       | 71.90 |
|        | 43                               | 92.20                        | 36.96 | 101.6       | 39.32 | 116.0       | 47.00 | 129.0       | 54.08 | 143.4       | 62.32 | 154.6       | 67.58 | 156.6       | 68.80 |
|        | 46                               | 89.20                        | 37.88 | 98.40       | 39.66 | 120.4       | 54.70 | 134.0       | 62.58 | 137.2       | 64.14 | 141.4       | 64.40 | 143.2       | 65.44 |
|        | 48                               | 79.00                        | 37.20 | 86.80       | 39.32 | 114.4       | 60.32 | 117.6       | 61.50 | 119.2       | 61.90 | 123.0       | 62.10 | 124.8       | 63.16 |
|        | 50                               | 68.80                        | 36.44 | 81.00       | 43.60 | 98.20       | 58.84 | 99.80       | 59.52 | 101.6       | 59.78 | 104.4       | 59.60 | 106.0       | 60.60 |
|        | 52                               | 58.20                        | 35.68 | 74.60       | 51.70 | 78.00       | 56.98 | 80.00       | 58.36 | 81.20       | 58.22 | 84.20       | 57.92 | 86.80       | 59.12 |
| 100    | 10                               | 24.80                        | 3.10  | 37.40       | 4.74  | 50.40       | 5.98  | 53.60       | 6.10  | 56.20       | 6.04  | 62.40       | 6.34  | 64.80       | 6.22  |
|        | 12                               | 24.80                        | 2.96  | 37.40       | 4.50  | 50.40       | 5.62  | 53.60       | 5.68  | 56.20       | 5.68  | 62.40       | 6.08  | 64.80       | 6.02  |
|        | 14                               | 24.80                        | 2.84  | 37.40       | 4.28  | 50.40       | 5.34  | 53.60       | 5.40  | 56.20       | 5.40  | 62.40       | 5.88  | 64.80       | 5.84  |
|        | 16                               | 24.80                        | 2.70  | 37.40       | 4.04  | 50.40       | 5.10  | 53.60       | 5.20  | 56.20       | 5.24  | 62.40       | 5.70  | 64.80       | 5.72  |
|        | 18                               | 24.80                        | 2.56  | 37.40       | 3.86  | 50.40       | 4.92  | 53.60       | 5.08  | 56.20       | 5.20  | 62.40       | 5.68  | 64.80       | 5.74  |
|        | 20                               | 24.80                        | 2.48  | 37.40       | 3.76  | 50.40       | 5.00  | 53.60       | 5.28  | 56.20       | 5.48  | 62.40       | 5.92  | 64.80       | 6.18  |
|        | 21                               | 28.00                        | 2.86  | 40.40       | 4.28  | 53.20       | 6.04  | 56.20       | 6.46  | 58.80       | 6.82  | 64.80       | 7.36  | 66.80       | 7.82  |
|        | 23                               | 34.60                        | 7.10  | 46.20       | 8.00  | 58.60       | 8.88  | 61.40       | 9.02  | 63.80       | 9.12  | 69.60       | 9.24  | 71.20       | 9.22  |
|        | 25                               | 41.20                        | 8.36  | 52.40       | 9.40  | 64.40       | 10.64 | 67.00       | 11.00 | 69.00       | 11.20 | 74.60       | 11.02 | 75.60       | 11.10 |
|        | 27                               | 48.20                        | 10.06 | 58.60       | 11.38 | 70.20       | 13.24 | 72.60       | 13.66 | 74.40       | 13.82 | 79.80       | 13.60 | 84.60       | 14.54 |
|        | 29                               | 55.20                        | 12.44 | 65.00       | 14.24 | 76.20       | 16.50 | 78.20       | 16.94 | 80.00       | 16.90 | 88.40       | 17.28 | 100.0       | 20.18 |
|        | 31                               | 62.40                        | 15.68 | 71.60       | 17.50 | 82.20       | 20.00 | 84.20       | 20.48 | 90.00       | 21.32 | 104.6       | 23.58 | 115.6       | 27.28 |
|        | 33                               | 70.00                        | 19.18 | 78.40       | 21.34 | 88.60       | 24.30 | 96.60       | 27.02 | 106.0       | 28.48 | 120.8       | 31.84 | 131.0       | 36.40 |
|        | 35                               | 77.60                        | 23.62 | 85.20       | 26.06 | 103.8       | 33.06 | 112.8       | 36.94 | 121.8       | 37.98 | 136.2       | 42.34 | 146.2       | 48.16 |
|        | 37                               | 77.60                        | 25.32 | 85.20       | 27.98 | 103.8       | 35.02 | 112.8       | 38.66 | 121.8       | 40.52 | 133.8       | 44.64 | 143.2       | 50.90 |
|        | 39                               | 77.60                        | 27.16 | 85.20       | 30.06 | 103.8       | 37.06 | 112.8       | 40.42 | 121.8       | 43.48 | 131.6       | 47.06 | 141.4       | 53.92 |
|        | 41                               | 77.60                        | 29.78 | 85.20       | 33.04 | 103.8       | 40.10 | 112.8       | 44.32 | 121.8       | 47.76 | 131.0       | 52.06 | 148.4       | 62.76 |
|        | 43                               | 77.60                        | 33.02 | 85.20       | 36.66 | 103.8       | 43.78 | 112.8       | 48.20 | 122.2       | 53.76 | 136.0       | 60.62 | 147.2       | 69.16 |
|        | 46                               | 75.00                        | 37.32 | 82.60       | 41.42 | 103.8       | 50.76 | 114.6       | 60.38 | 127.0       | 69.46 | 132.6       | 70.98 | 134.6       | 72.64 |
|        | 48                               | 66.40                        | 32.60 | 73.00       | 36.14 | 98.20       | 50.20 | 109.0       | 59.36 | 111.8       | 60.82 | 115.4       | 61.06 | 117.0       | 62.16 |
|        | 50                               | 57.80                        | 27.76 | 64.40       | 31.36 | 90.60       | 48.14 | 94.00       | 50.48 | 94.60       | 50.50 | 98.00       | 50.64 | 99.40       | 51.46 |
|        | 52                               | 49.00                        | 22.78 | 61.40       | 31.08 | 71.80       | 39.80 | 74.60       | 40.38 | 75.60       | 40.60 | 78.60       | 40.64 | 81.00       | 41.30 |
| 90     | 10                               | 22.20                        | 2.80  | 33.80       | 4.42  | 45.40       | 5.78  | 48.20       | 5.98  | 50.60       | 6.04  | 56.80       | 6.46  | 64.20       | 6.96  |
|        | 12                               | 22.20                        | 2.66  | 33.80       | 4.14  | 45.40       | 5.36  | 48.20       | 5.54  | 50.60       | 5.62  | 56.80       | 5.98  | 64.20       | 6.54  |
|        | 14                               | 22.20                        | 2.52  | 33.80       | 3.88  | 45.40       | 5.00  | 48.20       | 5.16  | 50.60       | 5.20  | 56.80       | 5.56  | 64.20       | 6.10  |
|        | 16                               | 22.20                        | 2.40  | 33.80       | 3.64  | 45.40       | 4.68  | 48.20       | 4.80  | 50.60       | 4.86  | 56.80       | 5.20  | 64.20       | 5.74  |
|        | 18                               | 22.20                        | 2.26  | 33.80       | 3.42  | 45.40       | 4.40  | 48.20       | 4.56  | 50.60       | 4.62  | 56.80       | 4.96  | 64.20       | 5.68  |
|        | 20                               | 22.20                        | 2.16  | 33.80       | 3.24  | 45.40       | 4.26  | 48.20       | 4.46  | 50.60       | 4.62  | 56.80       | 5.18  | 64.20       | 5.96  |
|        | 21                               | 25.20                        | 2.46  | 36.40       | 3.60  | 47.80       | 4.94  | 50.60       | 5.28  | 52.80       | 5.56  | 59.00       | 6.18  | 66.20       | 7.62  |
|        | 23                               | 31.00                        | 6.30  | 41.80       | 6.98  | 52.80       | 7.78  | 55.40       | 7.94  | 57.40       | 7.96  | 63.40       | 8.32  | 70.60       | 9.24  |
|        | 25                               | 37.00                        | 7.24  | 47.20       | 8.14  | 58.00       | 9.12  | 60.20       | 9.36  | 62.20       | 9.52  | 68.00       | 10.04 | 75.00       | 11.02 |
|        | 27                               | 43.20                        | 8.64  | 52.80       | 9.64  | 63.20       | 11.10 | 65.20       | 11.46 | 67.00       | 11.68 | 72.60       | 12.18 | 83.80       | 14.12 |
|        | 29                               | 49.60                        | 10.40 | 58.60       | 11.90 | 68.40       | 13.78 | 70.40       | 14.18 | 72.00       | 14.42 | 80.60       | 15.44 | 99.00       | 19.28 |
|        | 31                               | 56.20                        | 13.04 | 64.60       | 14.60 | 74.00       | 16.60 | 75.80       | 16.98 | 81.00       | 18.26 | 95.20       | 20.54 | 114.4       | 25.52 |
|        | 33                               | 62.80                        | 15.92 | 70.60       | 17.64 | 79.60       | 20.02 | 87.00       | 22.14 | 95.20       | 24.62 | 110.0       | 27.06 | 128.8       | 33.20 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 69.80                        | 19.40 | 76.80       | 21.32 | 93.40       | 26.88 | 101.4       | 29.92 | 109.4       | 32.80 | 124.6       | 36.12 | 141.8       | 43.16 |
|        | 37                              | 69.80                        | 20.58 | 76.80       | 22.70 | 93.40       | 28.68 | 101.4       | 31.80 | 109.4       | 34.60 | 124.6       | 38.30 | 139.4       | 45.28 |
|        | 39                              | 69.80                        | 21.82 | 76.80       | 24.16 | 93.40       | 30.36 | 101.4       | 33.82 | 109.4       | 36.30 | 124.6       | 40.90 | 137.4       | 47.62 |
|        | 41                              | 69.80                        | 25.32 | 76.80       | 27.80 | 93.40       | 34.52 | 101.4       | 38.28 | 109.4       | 40.48 | 123.6       | 45.04 | 131.6       | 51.60 |
|        | 43                              | 69.80                        | 28.36 | 76.80       | 31.16 | 93.40       | 39.02 | 101.4       | 42.58 | 109.4       | 44.70 | 119.6       | 49.60 | 133.6       | 59.48 |
|        | 46                              | 67.60                        | 33.56 | 74.60       | 37.30 | 90.40       | 46.44 | 98.20       | 50.30 | 111.2       | 58.54 | 124.4       | 66.58 | 130.6       | 72.60 |
|        | 48                              | 59.60                        | 29.68 | 65.80       | 32.96 | 81.40       | 41.84 | 95.20       | 50.66 | 105.6       | 58.42 | 112.6       | 60.90 | 113.6       | 62.26 |
|        | 50                              | 52.00                        | 25.72 | 57.40       | 28.52 | 77.80       | 41.48 | 91.00       | 50.04 | 92.40       | 51.80 | 95.80       | 50.76 | 96.40       | 51.68 |
|        | 52                              | 44.00                        | 21.62 | 50.00       | 25.10 | 71.60       | 41.18 | 76.60       | 43.94 | 73.00       | 42.84 | 76.40       | 40.64 | 78.20       | 41.56 |
| 80     | 10                              | 19.80                        | 2.60  | 30.00       | 4.08  | 40.20       | 5.56  | 42.80       | 5.86  | 45.20       | 6.02  | 50.60       | 6.64  | 57.00       | 7.18  |
|        | 12                              | 19.80                        | 2.40  | 30.00       | 3.84  | 40.20       | 5.20  | 42.80       | 5.44  | 45.20       | 5.56  | 50.60       | 6.14  | 57.00       | 6.64  |
|        | 14                              | 19.80                        | 2.30  | 30.00       | 3.64  | 40.20       | 4.82  | 42.80       | 5.06  | 45.20       | 5.16  | 50.60       | 5.70  | 57.00       | 6.18  |
|        | 16                              | 19.80                        | 2.18  | 30.00       | 3.42  | 40.20       | 4.52  | 42.80       | 4.72  | 45.20       | 4.82  | 50.60       | 5.34  | 57.00       | 5.78  |
|        | 18                              | 19.80                        | 2.08  | 30.00       | 3.22  | 40.20       | 4.24  | 42.80       | 4.44  | 45.20       | 4.54  | 50.60       | 5.02  | 57.00       | 5.52  |
|        | 20                              | 19.80                        | 2.00  | 30.00       | 3.08  | 40.20       | 4.10  | 42.80       | 4.30  | 45.20       | 4.42  | 50.60       | 5.00  | 57.00       | 5.74  |
|        | 21                              | 22.40                        | 2.26  | 32.20       | 3.36  | 42.40       | 4.58  | 45.00       | 4.84  | 47.20       | 5.08  | 52.60       | 5.84  | 58.80       | 7.02  |
|        | 23                              | 27.60                        | 6.24  | 37.00       | 6.88  | 46.80       | 7.62  | 49.20       | 7.82  | 51.20       | 7.88  | 56.40       | 8.54  | 62.60       | 9.22  |
|        | 25                              | 33.00                        | 7.06  | 41.80       | 7.92  | 51.40       | 8.88  | 53.60       | 9.06  | 55.40       | 9.14  | 60.60       | 9.96  | 66.60       | 10.80 |
|        | 27                              | 38.40                        | 8.28  | 46.80       | 9.26  | 56.00       | 10.52 | 58.00       | 10.82 | 59.80       | 11.02 | 64.60       | 11.92 | 74.40       | 13.48 |
|        | 29                              | 44.00                        | 9.86  | 52.00       | 11.18 | 60.80       | 12.82 | 62.60       | 13.20 | 64.20       | 13.46 | 71.80       | 15.18 | 88.00       | 18.14 |
|        | 31                              | 49.80                        | 12.20 | 57.20       | 13.64 | 65.60       | 15.46 | 67.40       | 15.84 | 72.20       | 16.94 | 84.80       | 20.14 | 101.6       | 23.56 |
|        | 33                              | 55.80                        | 14.82 | 62.60       | 16.40 | 70.60       | 18.46 | 77.40       | 20.38 | 85.00       | 22.62 | 98.00       | 26.34 | 115.2       | 30.36 |
|        | 35                              | 61.80                        | 17.90 | 68.20       | 19.64 | 82.80       | 24.50 | 90.20       | 27.14 | 97.80       | 29.96 | 111.0       | 34.32 | 128.8       | 39.54 |
|        | 37                              | 61.80                        | 18.94 | 68.20       | 20.88 | 82.80       | 26.02 | 90.20       | 28.90 | 97.80       | 31.86 | 111.0       | 36.22 | 128.8       | 42.02 |
|        | 39                              | 61.80                        | 20.00 | 68.20       | 22.10 | 82.80       | 27.86 | 90.20       | 31.08 | 97.80       | 34.22 | 111.0       | 38.24 | 128.8       | 45.00 |
|        | 41                              | 61.80                        | 22.96 | 68.20       | 25.42 | 82.80       | 31.72 | 90.20       | 35.32 | 97.80       | 38.96 | 111.0       | 42.58 | 128.4       | 50.16 |
|        | 43                              | 61.80                        | 26.22 | 68.20       | 28.78 | 82.80       | 35.88 | 90.20       | 39.86 | 97.80       | 44.02 | 111.0       | 47.06 | 123.0       | 54.00 |
|        | 46                              | 60.00                        | 30.68 | 66.00       | 34.10 | 80.20       | 42.40 | 87.20       | 46.44 | 94.40       | 51.80 | 107.2       | 56.38 | 120.2       | 66.64 |
|        | 48                              | 53.00                        | 27.12 | 58.40       | 30.18 | 71.00       | 37.40 | 77.20       | 40.86 | 88.00       | 49.28 | 102.0       | 55.28 | 110.6       | 62.42 |
|        | 50                              | 46.20                        | 23.46 | 50.80       | 26.14 | 61.80       | 32.30 | 71.80       | 38.70 | 84.00       | 48.74 | 93.00       | 50.84 | 94.00       | 51.84 |
|        | 52                              | 39.20                        | 19.74 | 43.00       | 22.00 | 58.40       | 32.40 | 68.00       | 39.66 | 72.60       | 44.62 | 73.60       | 40.70 | 75.60       | 41.56 |
| 70     | 10                              | 17.20                        | 2.42  | 26.20       | 3.44  | 35.20       | 4.84  | 37.40       | 5.20  | 39.40       | 5.44  | 44.20       | 6.08  | 49.80       | 6.86  |
|        | 12                              | 17.20                        | 2.00  | 26.20       | 3.28  | 35.20       | 4.58  | 37.40       | 4.86  | 39.40       | 5.06  | 44.20       | 5.66  | 49.80       | 6.36  |
|        | 14                              | 17.20                        | 1.92  | 26.20       | 3.10  | 35.20       | 4.30  | 37.40       | 4.52  | 39.40       | 4.70  | 44.20       | 5.26  | 49.80       | 5.92  |
|        | 16                              | 17.20                        | 1.86  | 26.20       | 2.96  | 35.20       | 4.02  | 37.40       | 4.26  | 39.40       | 4.40  | 44.20       | 4.90  | 49.80       | 5.54  |
|        | 18                              | 17.20                        | 1.78  | 26.20       | 2.80  | 35.20       | 3.82  | 37.40       | 4.02  | 39.40       | 4.14  | 44.20       | 4.60  | 49.80       | 5.24  |
|        | 20                              | 17.20                        | 1.70  | 26.20       | 2.68  | 35.20       | 3.64  | 37.40       | 3.86  | 39.40       | 4.00  | 44.20       | 4.48  | 49.80       | 5.24  |
|        | 21                              | 19.60                        | 1.92  | 28.20       | 2.90  | 37.00       | 3.98  | 39.20       | 4.22  | 41.20       | 4.40  | 46.00       | 4.98  | 51.60       | 6.10  |
|        | 23                              | 24.20                        | 5.40  | 32.40       | 6.52  | 41.00       | 7.08  | 43.00       | 7.26  | 44.80       | 7.34  | 49.40       | 8.08  | 54.80       | 8.96  |
|        | 25                              | 28.80                        | 6.42  | 36.80       | 7.22  | 45.00       | 8.10  | 46.80       | 8.32  | 48.60       | 8.38  | 52.80       | 9.20  | 58.20       | 10.00 |
|        | 27                              | 33.60                        | 7.42  | 41.20       | 8.40  | 49.00       | 9.40  | 50.80       | 9.58  | 52.20       | 9.82  | 56.40       | 10.82 | 65.20       | 12.34 |
|        | 29                              | 38.60                        | 8.80  | 45.60       | 9.82  | 53.20       | 11.24 | 54.80       | 11.56 | 56.20       | 11.80 | 62.80       | 13.52 | 77.00       | 16.72 |
|        | 31                              | 43.60                        | 10.66 | 50.20       | 12.02 | 57.40       | 13.56 | 58.80       | 13.90 | 63.20       | 14.82 | 74.20       | 17.86 | 89.00       | 21.64 |
|        | 33                              | 48.80                        | 12.90 | 55.00       | 14.26 | 61.80       | 16.02 | 67.60       | 17.54 | 74.40       | 19.40 | 85.60       | 23.22 | 100.8       | 27.96 |
|        | 35                              | 54.20                        | 15.50 | 59.80       | 17.04 | 72.40       | 20.88 | 78.80       | 23.00 | 85.40       | 25.30 | 97.00       | 30.06 | 112.8       | 35.76 |
|        | 37                              | 54.20                        | 16.46 | 59.80       | 18.02 | 72.40       | 22.18 | 78.80       | 24.50 | 85.40       | 26.96 | 97.00       | 32.04 | 112.8       | 37.76 |
|        | 39                              | 54.20                        | 17.46 | 59.80       | 19.22 | 72.40       | 23.74 | 78.80       | 26.38 | 85.40       | 29.14 | 97.00       | 34.30 | 112.8       | 40.70 |
|        | 41                              | 54.20                        | 20.02 | 59.80       | 21.86 | 72.40       | 27.04 | 78.80       | 30.02 | 85.40       | 32.86 | 97.00       | 39.06 | 112.8       | 45.50 |
|        | 43                              | 54.20                        | 22.58 | 59.80       | 24.72 | 72.40       | 30.60 | 78.80       | 33.94 | 85.40       | 37.18 | 97.00       | 44.18 | 112.8       | 50.92 |
|        | 46                              | 52.40                        | 26.38 | 58.00       | 29.22 | 70.20       | 36.22 | 76.40       | 39.68 | 82.80       | 43.92 | 93.80       | 52.14 | 109.2       | 59.32 |
|        | 48                              | 46.40                        | 23.32 | 51.40       | 25.86 | 62.00       | 32.02 | 67.60       | 35.04 | 73.20       | 38.76 | 83.00       | 45.94 | 98.80       | 53.54 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 40.40                        | 20.16 | 44.60       | 22.40 | 54.00       | 27.70 | 58.80       | 30.26 | 64.40       | 33.94 | 77.60       | 44.04 | 94.80       | 52.40 |
|        | 52                              | 34.40                        | 16.94 | 37.80       | 18.84 | 45.80       | 23.28 | 52.60       | 27.64 | 61.20       | 34.72 | 71.00       | 43.38 | 79.00       | 44.14 |
| 60     | 10                              | 14.80                        | 2.20  | 22.40       | 3.04  | 30.20       | 4.04  | 32.00       | 4.40  | 33.80       | 4.66  | 38.00       | 5.30  | 42.80       | 6.06  |
|        | 12                              | 14.80                        | 1.62  | 22.40       | 2.66  | 30.20       | 3.84  | 32.00       | 4.14  | 33.80       | 4.38  | 38.00       | 4.96  | 42.80       | 5.66  |
|        | 14                              | 14.80                        | 1.56  | 22.40       | 2.56  | 30.20       | 3.64  | 32.00       | 3.90  | 33.80       | 4.10  | 38.00       | 4.64  | 42.80       | 5.28  |
|        | 16                              | 14.80                        | 1.52  | 22.40       | 2.46  | 30.20       | 3.44  | 32.00       | 3.68  | 33.80       | 3.88  | 38.00       | 4.36  | 42.80       | 4.94  |
|        | 18                              | 14.80                        | 1.48  | 22.40       | 2.36  | 30.20       | 3.26  | 32.00       | 3.48  | 33.80       | 3.66  | 38.00       | 4.08  | 42.80       | 4.68  |
|        | 20                              | 14.80                        | 1.42  | 22.40       | 2.26  | 30.20       | 3.12  | 32.00       | 3.34  | 33.80       | 3.48  | 38.00       | 3.92  | 42.80       | 4.54  |
|        | 21                              | 16.60                        | 1.60  | 24.20       | 2.42  | 31.80       | 3.38  | 33.60       | 3.60  | 35.40       | 3.76  | 39.40       | 4.24  | 44.20       | 5.04  |
|        | 23                              | 20.60                        | 3.74  | 27.80       | 5.46  | 35.20       | 6.58  | 36.80       | 6.72  | 38.40       | 6.76  | 42.40       | 7.40  | 47.00       | 8.38  |
|        | 25                              | 24.60                        | 5.90  | 31.40       | 6.52  | 38.60       | 7.28  | 40.20       | 7.48  | 41.60       | 7.60  | 45.40       | 8.32  | 50.00       | 9.42  |
|        | 27                              | 28.80                        | 6.60  | 35.20       | 7.42  | 42.00       | 8.34  | 43.40       | 8.54  | 44.80       | 8.66  | 48.40       | 9.44  | 55.80       | 11.24 |
|        | 29                              | 33.00                        | 7.72  | 39.00       | 8.62  | 45.60       | 9.74  | 47.00       | 10.00 | 48.00       | 10.22 | 53.80       | 11.60 | 66.00       | 14.84 |
|        | 31                              | 37.40                        | 9.14  | 43.00       | 10.28 | 49.20       | 11.68 | 50.40       | 12.00 | 54.20       | 12.76 | 63.60       | 15.20 | 76.20       | 19.10 |
|        | 33                              | 41.80                        | 11.00 | 47.00       | 12.18 | 53.00       | 13.72 | 58.00       | 14.96 | 63.60       | 16.42 | 73.40       | 19.40 | 86.40       | 24.32 |
|        | 35                              | 46.40                        | 13.16 | 51.20       | 14.50 | 62.20       | 17.56 | 67.60       | 19.22 | 73.20       | 21.00 | 83.20       | 24.74 | 96.60       | 30.78 |
|        | 37                              | 46.40                        | 13.90 | 51.20       | 15.30 | 62.20       | 18.60 | 67.60       | 20.44 | 73.20       | 22.30 | 83.20       | 26.28 | 96.60       | 32.76 |
|        | 39                              | 46.40                        | 14.76 | 51.20       | 16.28 | 62.20       | 20.08 | 67.60       | 21.94 | 73.20       | 24.02 | 83.20       | 28.22 | 96.60       | 35.14 |
|        | 41                              | 46.40                        | 16.62 | 51.20       | 18.48 | 62.20       | 22.62 | 67.60       | 24.90 | 73.20       | 27.08 | 83.20       | 32.14 | 96.60       | 39.62 |
|        | 43                              | 46.40                        | 18.74 | 51.20       | 20.86 | 62.20       | 25.60 | 67.60       | 28.14 | 73.20       | 30.62 | 83.20       | 36.38 | 96.60       | 44.84 |
|        | 46                              | 45.00                        | 22.14 | 49.60       | 24.64 | 60.20       | 30.28 | 65.40       | 33.26 | 70.80       | 36.20 | 80.60       | 43.02 | 93.60       | 53.60 |
|        | 48                              | 39.60                        | 19.60 | 43.80       | 21.78 | 53.20       | 26.80 | 57.80       | 29.38 | 62.60       | 31.98 | 71.20       | 38.02 | 82.80       | 47.36 |
|        | 50                              | 34.60                        | 16.94 | 38.00       | 18.86 | 46.40       | 23.18 | 50.40       | 25.42 | 54.40       | 27.66 | 62.00       | 32.86 | 72.00       | 40.94 |
|        | 52                              | 29.40                        | 14.18 | 32.40       | 15.86 | 39.20       | 19.50 | 42.80       | 21.34 | 46.40       | 23.22 | 54.60       | 29.42 | 66.40       | 39.52 |
| 50     | 10                              | 12.40                        | 2.14  | 18.80       | 2.74  | 25.20       | 3.40  | 26.80       | 3.48  | 28.20       | 3.74  | 31.60       | 4.28  | 35.60       | 4.94  |
|        | 12                              | 12.40                        | 1.44  | 18.80       | 2.06  | 25.20       | 3.02  | 26.80       | 3.32  | 28.20       | 3.58  | 31.60       | 4.08  | 35.60       | 4.68  |
|        | 14                              | 12.40                        | 1.32  | 18.80       | 2.00  | 25.20       | 2.90  | 26.80       | 3.16  | 28.20       | 3.38  | 31.60       | 3.84  | 35.60       | 4.40  |
|        | 16                              | 12.40                        | 1.30  | 18.80       | 1.94  | 25.20       | 2.78  | 26.80       | 3.02  | 28.20       | 3.20  | 31.60       | 3.64  | 35.60       | 4.16  |
|        | 18                              | 12.40                        | 1.26  | 18.80       | 1.86  | 25.20       | 2.66  | 26.80       | 2.88  | 28.20       | 3.04  | 31.60       | 3.44  | 35.60       | 3.94  |
|        | 20                              | 12.40                        | 1.22  | 18.80       | 1.80  | 25.20       | 2.56  | 26.80       | 2.76  | 28.20       | 2.92  | 31.60       | 3.30  | 35.60       | 3.80  |
|        | 21                              | 14.00                        | 1.30  | 20.20       | 1.94  | 26.60       | 2.72  | 28.00       | 2.92  | 29.40       | 3.08  | 32.80       | 3.48  | 36.80       | 4.10  |
|        | 23                              | 17.20                        | 2.56  | 23.20       | 3.64  | 29.20       | 6.02  | 30.80       | 6.18  | 32.00       | 6.24  | 35.20       | 6.72  | 39.20       | 7.46  |
|        | 25                              | 23.20                        | 5.76  | 26.20       | 5.86  | 32.20       | 6.48  | 33.40       | 6.62  | 34.60       | 6.74  | 37.80       | 7.36  | 41.60       | 8.32  |
|        | 27                              | 24.00                        | 5.88  | 29.40       | 6.46  | 35.00       | 7.30  | 36.20       | 7.48  | 37.20       | 7.60  | 40.40       | 8.30  | 46.60       | 9.70  |
|        | 29                              | 27.60                        | 6.74  | 32.60       | 7.44  | 38.00       | 8.32  | 39.20       | 8.54  | 40.00       | 8.68  | 44.80       | 9.78  | 55.00       | 12.26 |
|        | 31                              | 31.20                        | 7.82  | 36.00       | 8.64  | 41.00       | 9.82  | 42.00       | 10.06 | 45.00       | 10.76 | 53.00       | 12.72 | 63.60       | 15.70 |
|        | 33                              | 35.00                        | 9.32  | 39.40       | 10.20 | 44.20       | 11.50 | 48.40       | 12.48 | 53.00       | 13.66 | 61.00       | 15.94 | 72.00       | 19.62 |
|        | 35                              | 38.80                        | 11.00 | 42.80       | 11.98 | 51.80       | 14.48 | 56.40       | 15.78 | 61.00       | 17.08 | 69.20       | 19.84 | 80.60       | 24.42 |
|        | 37                              | 38.80                        | 11.62 | 42.80       | 12.64 | 51.80       | 15.30 | 56.40       | 16.70 | 61.00       | 18.08 | 69.20       | 21.16 | 80.60       | 25.94 |
|        | 39                              | 38.80                        | 12.36 | 42.80       | 13.52 | 51.80       | 16.40 | 56.40       | 17.98 | 61.00       | 19.42 | 69.20       | 22.58 | 80.60       | 28.02 |
|        | 41                              | 38.80                        | 13.82 | 42.80       | 15.18 | 51.80       | 18.62 | 56.40       | 20.20 | 61.00       | 21.84 | 69.20       | 25.68 | 80.60       | 31.60 |
|        | 43                              | 38.80                        | 15.52 | 42.80       | 17.10 | 51.80       | 21.00 | 56.40       | 22.82 | 61.00       | 24.68 | 69.20       | 29.06 | 80.60       | 35.74 |
|        | 46                              | 37.60                        | 18.16 | 41.60       | 20.22 | 50.20       | 24.78 | 54.60       | 26.96 | 58.80       | 29.12 | 67.00       | 34.38 | 78.00       | 42.28 |
|        | 48                              | 33.20                        | 16.00 | 36.60       | 17.92 | 44.40       | 21.88 | 48.40       | 23.84 | 52.00       | 25.74 | 59.20       | 30.40 | 69.00       | 37.38 |
|        | 50                              | 28.80                        | 13.84 | 31.80       | 15.56 | 38.60       | 18.92 | 42.00       | 20.60 | 45.20       | 22.24 | 51.40       | 26.32 | 60.00       | 32.36 |
|        | 52                              | 24.60                        | 11.62 | 27.20       | 13.14 | 32.80       | 15.88 | 35.80       | 17.32 | 38.40       | 18.68 | 43.80       | 22.12 | 51.20       | 27.20 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM500LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 29.70                        | 2.00  | 47.80       | 3.20  | 67.70       | 4.57  | 72.50       | 4.93  | 77.20       | 5.27  | 82.20       | 5.65  | 87.50       | 6.11  |
|        | 12                         | 29.70                        | 2.00  | 47.80       | 3.21  | 67.70       | 4.58  | 72.50       | 4.95  | 77.20       | 5.33  | 82.20       | 5.70  | 87.50       | 6.15  |
|        | 14                         | 29.70                        | 1.94  | 47.80       | 3.20  | 67.70       | 4.63  | 72.50       | 5.03  | 77.20       | 5.34  | 82.20       | 5.73  | 87.50       | 6.28  |
|        | 16                         | 29.70                        | 1.89  | 47.80       | 3.23  | 67.70       | 4.73  | 72.50       | 5.11  | 77.20       | 5.47  | 82.20       | 5.90  | 87.50       | 6.54  |
|        | 18                         | 29.70                        | 1.91  | 47.80       | 3.28  | 67.70       | 4.92  | 72.50       | 5.37  | 77.20       | 5.80  | 82.20       | 6.31  | 87.50       | 7.18  |
|        | 20                         | 29.70                        | 1.98  | 47.80       | 3.47  | 67.70       | 5.50  | 72.50       | 6.06  | 77.20       | 6.73  | 82.20       | 7.52  | 87.50       | 8.87  |
|        | 21                         | 33.70                        | 2.47  | 51.50       | 4.39  | 71.30       | 7.46  | 76.10       | 8.06  | 80.80       | 8.53  | 85.30       | 9.10  | 90.30       | 9.92  |
|        | 23                         | 41.60                        | 5.82  | 59.10       | 7.38  | 78.80       | 9.45  | 83.30       | 9.97  | 87.80       | 10.66 | 91.70       | 11.22 | 96.20       | 12.21 |
|        | 25                         | 49.70                        | 7.30  | 66.90       | 9.26  | 86.40       | 11.92 | 90.70       | 12.54 | 95.00       | 13.31 | 98.30       | 14.02 | 102.2       | 15.06 |
|        | 27                         | 58.00                        | 9.36  | 75.00       | 11.72 | 94.20       | 15.10 | 98.20       | 15.96 | 102.4       | 16.79 | 105.0       | 17.43 | 114.2       | 19.83 |
|        | 29                         | 66.50                        | 12.13 | 83.00       | 14.82 | 102.2       | 18.80 | 105.9       | 19.64 | 109.9       | 20.55 | 116.6       | 22.17 | 135.1       | 27.84 |
|        | 31                         | 75.20                        | 15.24 | 91.40       | 18.40 | 110.4       | 23.08 | 114.0       | 24.02 | 123.8       | 26.81 | 137.9       | 31.19 | 156.0       | 38.55 |
|        | 33                         | 84.20                        | 19.12 | 100.0       | 22.78 | 118.9       | 28.34 | 130.8       | 32.30 | 145.6       | 37.72 | 159.2       | 43.24 | 176.8       | 51.98 |
|        | 35                         | 93.40                        | 23.97 | 108.9       | 28.22 | 139.4       | 39.54 | 152.7       | 45.28 | 167.4       | 51.77 | 180.4       | 57.86 | 197.5       | 66.58 |
|        | 37                         | 93.40                        | 25.58 | 108.9       | 30.11 | 139.4       | 42.21 | 152.5       | 48.00 | 167.4       | 54.96 | 180.4       | 61.28 | 185.3       | 65.16 |
|        | 39                         | 93.40                        | 27.28 | 108.9       | 31.83 | 139.3       | 43.39 | 152.6       | 49.54 | 167.2       | 56.91 | 173.7       | 60.12 | 171.8       | 60.66 |
|        | 41                         | 93.40                        | 29.10 | 108.9       | 33.21 | 139.3       | 44.87 | 152.5       | 51.19 | 160.5       | 55.24 | 160.4       | 55.25 | 158.7       | 55.89 |
|        | 43                         | 93.40                        | 30.86 | 108.9       | 34.36 | 139.3       | 47.56 | 147.7       | 51.70 | 147.7       | 51.67 | 147.7       | 51.66 | 146.0       | 52.35 |
|        | 46                         | 93.40                        | 33.27 | 108.9       | 37.23 | 129.7       | 47.37 | 129.5       | 47.34 | 129.7       | 47.32 | 129.6       | 47.35 | 127.9       | 47.91 |
|        | 48                         | 93.40                        | 35.21 | 109.0       | 40.72 | 118.3       | 45.53 | 118.4       | 45.57 | 118.1       | 45.41 | 118.1       | 45.46 | 116.8       | 46.01 |
|        | 50                         | 93.60                        | 37.34 | 107.4       | 43.33 | 107.4       | 43.28 | 107.4       | 43.30 | 107.3       | 43.27 | 107.3       | 43.23 | 105.7       | 43.64 |
|        | 52                         | 92.80                        | 39.49 | 94.60       | 38.66 | 95.50       | 37.33 | 95.70       | 37.03 | 96.00       | 36.72 | 96.20       | 36.50 | 95.80       | 36.74 |
| 120    | 10                         | 27.50                        | 1.85  | 44.20       | 2.95  | 62.50       | 4.21  | 66.90       | 4.52  | 71.30       | 4.83  | 75.90       | 5.16  | 80.80       | 5.58  |
|        | 12                         | 27.50                        | 1.85  | 44.20       | 2.95  | 62.50       | 4.24  | 66.90       | 4.53  | 71.30       | 4.86  | 75.90       | 5.23  | 80.80       | 5.65  |
|        | 14                         | 27.50                        | 1.77  | 44.20       | 2.94  | 62.50       | 4.26  | 66.90       | 4.57  | 71.30       | 4.94  | 75.90       | 5.28  | 80.80       | 5.70  |
|        | 16                         | 27.50                        | 1.71  | 44.20       | 2.92  | 62.50       | 4.32  | 66.90       | 4.67  | 71.30       | 5.02  | 75.90       | 5.35  | 80.80       | 5.88  |
|        | 18                         | 27.50                        | 1.72  | 44.20       | 2.98  | 62.50       | 4.48  | 66.90       | 4.85  | 71.30       | 5.24  | 75.90       | 5.66  | 80.80       | 6.32  |
|        | 20                         | 27.50                        | 1.77  | 44.20       | 3.14  | 62.50       | 4.93  | 66.90       | 5.41  | 71.30       | 5.90  | 75.90       | 6.54  | 80.80       | 7.68  |
|        | 21                         | 31.10                        | 2.18  | 47.50       | 3.87  | 65.90       | 6.54  | 70.20       | 7.29  | 74.50       | 7.89  | 78.80       | 8.36  | 83.40       | 9.07  |
|        | 23                         | 38.40                        | 5.48  | 54.60       | 6.95  | 72.70       | 8.70  | 76.80       | 9.23  | 80.90       | 9.70  | 84.70       | 10.23 | 88.80       | 11.02 |
|        | 25                         | 45.90                        | 6.80  | 61.80       | 8.58  | 79.70       | 10.91 | 83.70       | 11.56 | 87.60       | 12.05 | 90.80       | 12.64 | 94.40       | 13.57 |
|        | 27                         | 53.50                        | 8.67  | 69.20       | 10.84 | 87.00       | 13.80 | 90.60       | 14.43 | 94.40       | 15.20 | 97.00       | 15.68 | 105.5       | 17.95 |
|        | 29                         | 61.40                        | 11.23 | 76.70       | 13.67 | 94.30       | 17.12 | 97.80       | 17.84 | 101.4       | 18.64 | 107.7       | 20.03 | 124.8       | 24.90 |
|        | 31                         | 69.50                        | 14.13 | 84.50       | 16.84 | 101.9       | 20.91 | 105.2       | 21.71 | 114.2       | 24.11 | 127.4       | 27.87 | 143.9       | 34.15 |
|        | 33                         | 77.70                        | 17.53 | 92.50       | 20.71 | 109.7       | 25.53 | 120.8       | 28.95 | 134.4       | 33.56 | 146.9       | 38.24 | 163.3       | 46.11 |
|        | 35                         | 86.20                        | 21.83 | 100.7       | 25.52 | 128.7       | 35.25 | 140.9       | 40.15 | 154.4       | 46.07 | 166.5       | 51.41 | 182.5       | 60.14 |
|        | 37                         | 86.20                        | 23.29 | 100.7       | 27.24 | 128.7       | 37.61 | 140.9       | 42.87 | 154.5       | 48.83 | 166.5       | 54.56 | 182.5       | 63.75 |
|        | 39                         | 86.20                        | 24.86 | 100.7       | 29.05 | 128.7       | 39.06 | 140.8       | 44.08 | 154.4       | 50.41 | 166.5       | 56.48 | 171.8       | 60.73 |
|        | 41                         | 86.20                        | 26.51 | 100.7       | 30.56 | 128.7       | 39.93 | 140.8       | 45.60 | 154.5       | 52.13 | 160.5       | 55.26 | 158.7       | 55.88 |
|        | 43                         | 86.20                        | 28.29 | 100.7       | 31.76 | 128.7       | 42.23 | 140.9       | 48.26 | 147.7       | 51.69 | 147.8       | 51.69 | 145.9       | 52.24 |
|        | 46                         | 86.20                        | 30.95 | 100.5       | 33.65 | 128.7       | 46.79 | 129.7       | 47.39 | 129.5       | 47.34 | 129.5       | 47.33 | 128.2       | 47.98 |
|        | 48                         | 86.20                        | 32.72 | 100.6       | 36.80 | 118.5       | 45.58 | 118.3       | 45.53 | 118.1       | 45.52 | 118.1       | 45.43 | 116.7       | 46.08 |
|        | 50                         | 86.20                        | 34.50 | 100.6       | 39.76 | 107.5       | 43.32 | 107.4       | 43.31 | 107.7       | 43.45 | 107.3       | 43.29 | 106.1       | 43.77 |
|        | 52                         | 86.20                        | 35.78 | 94.30       | 39.23 | 95.20       | 37.85 | 95.30       | 37.59 | 95.60       | 37.30 | 95.70       | 37.08 | 95.40       | 37.45 |
| 110    | 10                         | 25.20                        | 1.69  | 40.50       | 2.70  | 57.20       | 3.85  | 61.30       | 4.13  | 65.30       | 4.42  | 69.60       | 4.72  | 73.90       | 5.08  |
|        | 12                         | 25.20                        | 1.69  | 40.50       | 2.70  | 57.20       | 3.88  | 61.30       | 4.16  | 65.30       | 4.42  | 69.60       | 4.74  | 73.90       | 5.12  |
|        | 14                         | 25.20                        | 1.61  | 40.50       | 2.66  | 57.20       | 3.88  | 61.30       | 4.18  | 65.30       | 4.46  | 69.60       | 4.79  | 73.90       | 5.22  |
|        | 16                         | 25.20                        | 1.54  | 40.50       | 2.63  | 57.20       | 3.93  | 61.30       | 4.23  | 65.30       | 4.54  | 69.60       | 4.87  | 73.90       | 5.33  |
|        | 18                         | 25.20                        | 1.52  | 40.50       | 2.67  | 57.20       | 4.06  | 61.30       | 4.39  | 65.30       | 4.70  | 69.60       | 5.10  | 73.90       | 5.64  |
|        | 20                         | 25.20                        | 1.57  | 40.50       | 2.79  | 57.20       | 4.40  | 61.30       | 4.82  | 65.30       | 5.22  | 69.60       | 5.70  | 73.90       | 6.59  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 28.50                        | 1.91  | 43.60       | 3.39  | 60.40       | 5.67  | 64.20       | 6.29  | 68.30       | 6.95  | 72.20       | 7.58  | 76.40       | 8.27  |
|        | 23                               | 35.20                        | 5.09  | 50.00       | 6.51  | 66.70       | 8.10  | 70.40       | 8.45  | 74.20       | 8.93  | 77.60       | 9.34  | 81.30       | 9.97  |
|        | 25                               | 42.00                        | 6.32  | 56.60       | 7.92  | 73.10       | 10.01 | 76.70       | 10.47 | 80.30       | 11.01 | 83.20       | 11.42 | 86.40       | 12.19 |
|        | 27                               | 49.10                        | 7.93  | 63.30       | 10.01 | 79.70       | 12.49 | 83.00       | 13.03 | 86.60       | 13.73 | 88.80       | 14.07 | 96.60       | 16.04 |
|        | 29                               | 56.30                        | 10.28 | 70.30       | 12.52 | 86.60       | 15.47 | 89.70       | 16.16 | 93.00       | 16.85 | 98.60       | 18.03 | 114.2       | 22.11 |
|        | 31                               | 63.70                        | 12.99 | 77.40       | 15.33 | 93.50       | 18.86 | 96.40       | 19.54 | 104.7       | 21.60 | 116.7       | 24.78 | 132.0       | 30.11 |
|        | 33                               | 71.20                        | 16.04 | 84.70       | 18.77 | 100.5       | 22.90 | 110.6       | 25.82 | 123.3       | 29.75 | 134.6       | 33.68 | 149.5       | 40.47 |
|        | 35                               | 79.10                        | 19.82 | 92.20       | 22.99 | 118.0       | 31.30 | 129.1       | 35.43 | 141.6       | 40.45 | 152.6       | 45.31 | 167.1       | 53.20 |
|        | 37                               | 79.10                        | 21.14 | 92.20       | 24.53 | 118.0       | 33.40 | 129.1       | 37.81 | 141.6       | 43.19 | 152.6       | 48.29 | 167.3       | 56.52 |
|        | 39                               | 79.10                        | 22.55 | 92.20       | 26.17 | 118.0       | 35.27 | 129.1       | 39.40 | 141.6       | 44.44 | 152.6       | 49.57 | 167.2       | 58.42 |
|        | 41                               | 79.10                        | 24.06 | 92.20       | 27.84 | 118.0       | 36.50 | 129.1       | 40.27 | 141.7       | 45.95 | 152.5       | 51.23 | 158.6       | 55.95 |
|        | 43                               | 79.10                        | 25.69 | 92.20       | 29.40 | 118.0       | 37.45 | 129.1       | 42.45 | 141.7       | 48.62 | 147.6       | 51.73 | 146.1       | 52.34 |
|        | 46                               | 79.10                        | 28.34 | 92.20       | 31.34 | 117.9       | 41.36 | 129.1       | 47.02 | 129.6       | 47.38 | 129.6       | 47.35 | 128.0       | 47.96 |
|        | 48                               | 79.10                        | 30.11 | 92.20       | 33.16 | 117.7       | 45.19 | 118.1       | 45.50 | 118.4       | 45.55 | 118.3       | 45.50 | 116.7       | 46.04 |
|        | 50                               | 79.10                        | 31.87 | 92.20       | 35.82 | 107.4       | 43.33 | 107.4       | 43.32 | 107.3       | 43.29 | 107.3       | 43.30 | 106.1       | 43.79 |
|        | 52                               | 79.20                        | 32.54 | 92.10       | 38.45 | 94.80       | 38.54 | 94.90       | 38.27 | 95.10       | 37.97 | 95.00       | 37.69 | 95.10       | 37.81 |
| 100    | 10                               | 23.00                        | 1.54  | 36.70       | 2.46  | 52.00       | 3.50  | 55.80       | 3.75  | 59.50       | 4.00  | 63.30       | 4.27  | 67.20       | 4.58  |
|        | 12                               | 23.00                        | 1.52  | 36.70       | 2.46  | 52.00       | 3.50  | 55.80       | 3.77  | 59.50       | 4.03  | 63.30       | 4.30  | 67.20       | 4.60  |
|        | 14                               | 23.00                        | 1.45  | 36.70       | 2.38  | 52.00       | 3.49  | 55.80       | 3.78  | 59.50       | 4.06  | 63.30       | 4.31  | 67.20       | 4.65  |
|        | 16                               | 23.00                        | 1.36  | 36.70       | 2.31  | 52.00       | 3.50  | 55.80       | 3.82  | 59.50       | 4.09  | 63.30       | 4.39  | 67.20       | 4.78  |
|        | 18                               | 23.00                        | 1.33  | 36.70       | 2.36  | 52.00       | 3.59  | 55.80       | 3.91  | 59.50       | 4.24  | 63.30       | 4.54  | 67.20       | 5.00  |
|        | 20                               | 23.00                        | 1.37  | 36.70       | 2.44  | 52.00       | 3.86  | 55.80       | 4.24  | 59.50       | 4.60  | 63.30       | 5.00  | 67.20       | 5.70  |
|        | 21                               | 25.90                        | 1.65  | 39.70       | 2.91  | 55.00       | 4.83  | 58.50       | 5.39  | 62.00       | 5.93  | 65.80       | 6.51  | 69.50       | 7.58  |
|        | 23                               | 32.00                        | 4.73  | 45.50       | 5.99  | 60.70       | 7.51  | 64.10       | 7.86  | 67.50       | 8.17  | 70.50       | 8.51  | 74.00       | 9.10  |
|        | 25                               | 38.30                        | 5.77  | 51.50       | 7.32  | 66.50       | 9.15  | 69.70       | 9.59  | 73.00       | 9.99  | 75.70       | 10.36 | 78.60       | 11.02 |
|        | 27                               | 44.60                        | 7.23  | 57.60       | 9.10  | 72.50       | 11.34 | 75.50       | 11.82 | 78.70       | 12.33 | 80.80       | 12.78 | 87.80       | 14.29 |
|        | 29                               | 51.10                        | 9.31  | 63.90       | 11.40 | 78.70       | 14.01 | 81.50       | 14.53 | 84.50       | 15.15 | 89.70       | 16.18 | 104.0       | 19.67 |
|        | 31                               | 57.90                        | 11.93 | 70.40       | 13.99 | 85.00       | 16.96 | 87.70       | 17.53 | 95.30       | 19.27 | 106.1       | 21.94 | 120.0       | 26.41 |
|        | 33                               | 64.80                        | 14.63 | 77.00       | 16.96 | 91.50       | 20.46 | 100.7       | 22.91 | 112.0       | 26.20 | 122.5       | 29.50 | 136.1       | 35.15 |
|        | 35                               | 71.90                        | 17.94 | 83.80       | 20.62 | 107.2       | 27.64 | 117.5       | 31.07 | 128.7       | 35.28 | 138.8       | 39.28 | 152.0       | 46.29 |
|        | 37                               | 71.90                        | 19.12 | 83.80       | 22.01 | 107.2       | 29.49 | 117.5       | 33.18 | 128.7       | 37.63 | 138.8       | 41.93 | 152.0       | 49.34 |
|        | 39                               | 71.90                        | 20.39 | 83.80       | 23.47 | 107.2       | 31.39 | 117.5       | 35.08 | 128.7       | 39.45 | 138.8       | 43.33 | 152.0       | 50.68 |
|        | 41                               | 71.90                        | 21.76 | 83.80       | 25.05 | 107.2       | 32.99 | 117.5       | 36.47 | 128.7       | 40.47 | 138.8       | 44.58 | 152.0       | 52.41 |
|        | 43                               | 71.90                        | 23.23 | 83.80       | 26.65 | 107.2       | 34.19 | 117.5       | 37.55 | 128.6       | 42.28 | 138.8       | 47.24 | 146.2       | 52.33 |
|        | 46                               | 71.90                        | 25.64 | 83.80       | 28.85 | 107.1       | 36.46 | 117.4       | 41.08 | 128.8       | 46.78 | 129.9       | 47.37 | 128.0       | 47.94 |
|        | 48                               | 71.90                        | 27.36 | 83.80       | 30.57 | 107.2       | 39.88 | 117.4       | 44.99 | 118.4       | 45.55 | 118.3       | 45.48 | 116.8       | 46.05 |
|        | 50                               | 71.90                        | 29.23 | 83.80       | 32.17 | 106.9       | 43.01 | 107.5       | 43.35 | 107.4       | 43.31 | 107.5       | 43.34 | 106.0       | 43.76 |
|        | 52                               | 71.90                        | 30.14 | 83.70       | 34.11 | 94.10       | 39.26 | 94.50       | 38.86 | 94.80       | 38.41 | 95.10       | 38.02 | 94.80       | 38.11 |
| 90     | 10                               | 20.70                        | 1.38  | 33.00       | 2.20  | 46.90       | 3.14  | 50.10       | 3.36  | 53.50       | 3.59  | 57.00       | 3.83  | 60.50       | 4.12  |
|        | 12                               | 20.70                        | 1.34  | 33.00       | 2.20  | 46.90       | 3.15  | 50.10       | 3.38  | 53.50       | 3.60  | 57.00       | 3.85  | 60.50       | 4.15  |
|        | 14                               | 20.70                        | 1.26  | 33.00       | 2.11  | 46.90       | 3.08  | 50.10       | 3.36  | 53.50       | 3.60  | 57.00       | 3.87  | 60.50       | 4.17  |
|        | 16                               | 20.70                        | 1.21  | 33.00       | 2.01  | 46.90       | 3.07  | 50.10       | 3.35  | 53.50       | 3.64  | 57.00       | 3.92  | 60.50       | 4.24  |
|        | 18                               | 20.70                        | 1.15  | 33.00       | 2.03  | 46.90       | 3.13  | 50.10       | 3.43  | 53.50       | 3.72  | 57.00       | 4.03  | 60.50       | 4.39  |
|        | 20                               | 20.70                        | 1.18  | 33.00       | 2.10  | 46.90       | 3.34  | 50.10       | 3.68  | 53.50       | 4.00  | 57.00       | 4.36  | 60.50       | 4.92  |
|        | 21                               | 23.30                        | 1.41  | 35.60       | 2.47  | 49.50       | 4.05  | 52.60       | 4.50  | 55.80       | 4.98  | 59.20       | 5.47  | 62.50       | 6.56  |
|        | 23                               | 28.80                        | 4.36  | 40.90       | 5.50  | 54.50       | 6.89  | 57.60       | 7.25  | 60.80       | 7.53  | 63.50       | 7.78  | 66.60       | 8.22  |
|        | 25                               | 34.50                        | 5.27  | 46.30       | 6.64  | 59.80       | 8.29  | 62.70       | 8.70  | 65.80       | 9.11  | 68.00       | 9.42  | 70.80       | 9.93  |
|        | 27                               | 40.30                        | 6.53  | 51.80       | 8.18  | 65.30       | 10.27 | 67.90       | 10.67 | 70.80       | 11.08 | 72.70       | 11.37 | 79.10       | 12.67 |
|        | 29                               | 46.10                        | 8.33  | 57.50       | 10.36 | 70.80       | 12.61 | 73.30       | 13.07 | 76.10       | 13.55 | 80.80       | 14.40 | 93.50       | 17.32 |
|        | 31                               | 52.20                        | 10.83 | 63.30       | 12.65 | 76.50       | 15.17 | 78.90       | 15.66 | 85.80       | 17.11 | 95.50       | 19.27 | 108.0       | 23.03 |
|        | 33                               | 58.30                        | 13.29 | 69.20       | 15.27 | 82.30       | 18.20 | 90.50       | 20.24 | 100.8       | 22.97 | 110.2       | 25.68 | 122.3       | 30.31 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 64.80                        | 16.16 | 75.50       | 18.41 | 96.50       | 24.27 | 105.6       | 27.13 | 115.8       | 30.54 | 124.9       | 33.82 | 136.7       | 39.62 |
|        | 37                              | 64.80                        | 17.21 | 75.50       | 19.64 | 96.50       | 25.88 | 105.6       | 28.93 | 115.8       | 32.59 | 124.9       | 36.09 | 136.7       | 42.30 |
|        | 39                              | 64.80                        | 18.36 | 75.50       | 20.95 | 96.50       | 27.63 | 105.6       | 30.88 | 115.8       | 34.48 | 124.9       | 38.13 | 136.7       | 44.35 |
|        | 41                              | 64.80                        | 19.58 | 75.50       | 22.36 | 96.50       | 29.38 | 105.6       | 32.52 | 115.8       | 36.09 | 124.9       | 39.32 | 136.7       | 45.56 |
|        | 43                              | 64.80                        | 20.92 | 75.50       | 23.88 | 96.50       | 31.03 | 105.6       | 33.88 | 115.8       | 37.36 | 125.0       | 40.50 | 136.7       | 47.64 |
|        | 46                              | 64.80                        | 23.09 | 75.50       | 26.23 | 96.50       | 33.07 | 105.5       | 35.78 | 115.9       | 40.34 | 124.9       | 44.81 | 128.1       | 47.94 |
|        | 48                              | 64.80                        | 24.65 | 75.50       | 27.94 | 96.50       | 34.99 | 105.5       | 39.11 | 115.8       | 44.18 | 118.4       | 45.57 | 117.0       | 46.12 |
|        | 50                              | 64.80                        | 26.34 | 75.50       | 29.48 | 96.60       | 37.79 | 105.6       | 42.30 | 107.4       | 43.33 | 107.5       | 43.33 | 106.2       | 43.83 |
|        | 52                              | 64.80                        | 27.86 | 75.50       | 30.05 | 93.90       | 39.44 | 94.20       | 39.28 | 94.60       | 38.81 | 94.80       | 38.39 | 94.70       | 38.54 |
| 80     | 10                              | 18.30                        | 1.23  | 29.50       | 1.96  | 41.70       | 2.78  | 44.50       | 2.99  | 47.50       | 3.18  | 50.60       | 3.39  | 53.80       | 3.65  |
|        | 12                              | 18.30                        | 1.14  | 29.50       | 1.95  | 41.70       | 2.79  | 44.50       | 3.00  | 47.50       | 3.19  | 50.60       | 3.41  | 53.80       | 3.66  |
|        | 14                              | 18.30                        | 1.10  | 29.50       | 1.84  | 41.70       | 2.71  | 44.50       | 2.92  | 47.50       | 3.14  | 50.60       | 3.39  | 53.80       | 3.66  |
|        | 16                              | 18.30                        | 1.05  | 29.50       | 1.75  | 41.70       | 2.62  | 44.50       | 2.88  | 47.50       | 3.14  | 50.60       | 3.40  | 53.80       | 3.70  |
|        | 18                              | 18.30                        | 1.00  | 29.50       | 1.72  | 41.70       | 2.67  | 44.50       | 2.93  | 47.50       | 3.20  | 50.60       | 3.47  | 53.80       | 3.81  |
|        | 20                              | 18.30                        | 0.99  | 29.50       | 1.78  | 41.70       | 2.81  | 44.50       | 3.10  | 47.50       | 3.40  | 50.60       | 3.71  | 53.80       | 4.17  |
|        | 21                              | 20.80                        | 1.18  | 31.70       | 2.04  | 43.90       | 3.35  | 46.70       | 3.71  | 49.70       | 4.11  | 52.50       | 4.51  | 55.60       | 5.35  |
|        | 23                              | 26.20                        | 4.03  | 36.40       | 5.00  | 48.40       | 6.22  | 51.20       | 6.58  | 53.90       | 6.87  | 56.50       | 7.13  | 59.20       | 7.53  |
|        | 25                              | 30.50                        | 4.76  | 41.20       | 5.95  | 53.10       | 7.47  | 55.80       | 7.81  | 58.40       | 8.16  | 60.50       | 8.46  | 63.00       | 8.92  |
|        | 27                              | 35.60                        | 5.85  | 46.10       | 7.28  | 58.00       | 9.12  | 60.40       | 9.52  | 62.90       | 9.93  | 64.60       | 10.17 | 70.30       | 11.25 |
|        | 29                              | 40.90                        | 7.37  | 51.20       | 9.15  | 62.90       | 11.23 | 65.30       | 11.63 | 67.60       | 12.04 | 71.70       | 12.78 | 83.30       | 15.19 |
|        | 31                              | 46.30                        | 9.57  | 56.30       | 11.39 | 67.90       | 13.50 | 70.00       | 13.90 | 76.20       | 15.08 | 84.90       | 16.93 | 96.00       | 19.94 |
|        | 33                              | 51.70                        | 11.97 | 61.70       | 13.67 | 73.10       | 16.09 | 80.50       | 17.77 | 89.50       | 20.00 | 97.90       | 22.19 | 108.9       | 25.93 |
|        | 35                              | 57.50                        | 14.50 | 67.10       | 16.36 | 85.70       | 21.16 | 94.00       | 23.48 | 102.9       | 26.27 | 111.1       | 28.91 | 121.7       | 33.55 |
|        | 37                              | 57.50                        | 15.42 | 67.10       | 17.43 | 85.70       | 22.58 | 94.00       | 25.07 | 102.9       | 28.03 | 111.1       | 30.83 | 121.7       | 35.80 |
|        | 39                              | 57.50                        | 16.44 | 67.10       | 18.58 | 85.70       | 24.09 | 94.00       | 26.75 | 102.9       | 29.90 | 111.1       | 32.90 | 121.7       | 37.89 |
|        | 41                              | 57.50                        | 17.54 | 67.10       | 19.84 | 85.70       | 25.71 | 94.00       | 28.54 | 102.9       | 31.66 | 111.1       | 34.56 | 121.7       | 39.75 |
|        | 43                              | 57.50                        | 18.72 | 67.10       | 21.18 | 85.70       | 27.44 | 94.00       | 30.17 | 102.9       | 33.24 | 111.1       | 35.84 | 121.7       | 41.18 |
|        | 46                              | 57.50                        | 20.67 | 67.10       | 23.38 | 85.70       | 29.75 | 94.00       | 32.42 | 102.9       | 35.20 | 111.0       | 38.16 | 121.6       | 44.45 |
|        | 48                              | 57.50                        | 22.10 | 67.10       | 24.98 | 85.70       | 31.52 | 94.00       | 34.31 | 103.0       | 37.88 | 110.9       | 41.72 | 116.9       | 46.11 |
|        | 50                              | 57.50                        | 23.63 | 67.10       | 26.68 | 85.70       | 33.06 | 93.90       | 36.59 | 102.9       | 40.94 | 107.6       | 43.36 | 106.1       | 43.81 |
|        | 52                              | 57.50                        | 25.25 | 67.10       | 27.50 | 85.80       | 35.01 | 93.20       | 38.98 | 94.20       | 39.34 | 94.40       | 38.92 | 94.30       | 39.05 |
| 70     | 10                              | 16.00                        | 1.08  | 25.80       | 1.70  | 36.40       | 2.43  | 39.10       | 2.61  | 41.60       | 2.78  | 44.20       | 2.96  | 47.00       | 3.18  |
|        | 12                              | 16.00                        | 0.97  | 25.80       | 1.64  | 36.40       | 2.43  | 39.10       | 2.61  | 41.60       | 2.79  | 44.20       | 2.97  | 47.00       | 3.20  |
|        | 14                              | 16.00                        | 0.94  | 25.80       | 1.58  | 36.40       | 2.31  | 39.10       | 2.50  | 41.60       | 2.70  | 44.20       | 2.90  | 47.00       | 3.15  |
|        | 16                              | 16.00                        | 0.90  | 25.80       | 1.49  | 36.40       | 2.22  | 39.10       | 2.42  | 41.60       | 2.63  | 44.20       | 2.85  | 47.00       | 3.12  |
|        | 18                              | 16.00                        | 0.86  | 25.80       | 1.45  | 36.40       | 2.21  | 39.10       | 2.44  | 41.60       | 2.67  | 44.20       | 2.91  | 47.00       | 3.21  |
|        | 20                              | 16.00                        | 0.84  | 25.80       | 1.47  | 36.40       | 2.31  | 39.10       | 2.56  | 41.60       | 2.81  | 44.20       | 3.07  | 47.00       | 3.45  |
|        | 21                              | 18.10                        | 0.96  | 27.70       | 1.67  | 38.40       | 2.67  | 40.90       | 2.99  | 43.40       | 3.30  | 45.90       | 3.62  | 48.60       | 4.23  |
|        | 23                              | 22.50                        | 3.26  | 31.80       | 4.49  | 42.50       | 5.54  | 44.70       | 5.86  | 47.20       | 6.14  | 49.50       | 6.39  | 51.70       | 6.77  |
|        | 25                              | 26.70                        | 4.28  | 36.00       | 5.32  | 46.50       | 6.60  | 48.80       | 6.94  | 51.10       | 7.26  | 53.00       | 7.53  | 55.00       | 7.92  |
|        | 27                              | 31.20                        | 5.17  | 40.30       | 6.42  | 50.70       | 7.97  | 52.90       | 8.36  | 55.00       | 8.76  | 56.60       | 9.02  | 61.50       | 9.94  |
|        | 29                              | 35.90                        | 6.43  | 44.70       | 7.97  | 55.00       | 9.90  | 57.10       | 10.28 | 59.20       | 10.63 | 62.80       | 11.21 | 72.80       | 13.26 |
|        | 31                              | 40.50                        | 8.27  | 49.30       | 10.12 | 59.40       | 11.98 | 61.30       | 12.32 | 66.60       | 13.25 | 74.20       | 14.74 | 84.00       | 17.15 |
|        | 33                              | 45.40                        | 10.56 | 53.80       | 12.13 | 63.90       | 14.15 | 70.50       | 15.49 | 78.30       | 17.28 | 85.70       | 19.02 | 95.30       | 22.00 |
|        | 35                              | 50.40                        | 12.87 | 58.60       | 14.44 | 75.00       | 18.32 | 82.20       | 20.17 | 90.00       | 22.38 | 97.10       | 24.46 | 106.4       | 28.13 |
|        | 37                              | 50.40                        | 13.68 | 58.60       | 15.37 | 75.00       | 19.52 | 82.20       | 21.52 | 90.00       | 23.88 | 97.10       | 26.09 | 106.4       | 30.01 |
|        | 39                              | 50.40                        | 14.56 | 58.60       | 16.39 | 75.00       | 20.84 | 82.20       | 22.96 | 90.00       | 25.48 | 97.10       | 27.84 | 106.4       | 32.01 |
|        | 41                              | 50.40                        | 15.53 | 58.60       | 17.49 | 75.00       | 22.23 | 82.20       | 24.51 | 90.00       | 27.19 | 97.10       | 29.72 | 106.4       | 34.00 |
|        | 43                              | 50.40                        | 16.60 | 58.60       | 18.68 | 75.00       | 23.74 | 82.20       | 26.16 | 90.00       | 28.91 | 97.10       | 31.40 | 106.4       | 35.90 |
|        | 46                              | 50.40                        | 18.35 | 58.60       | 20.62 | 75.00       | 26.20 | 82.20       | 28.69 | 90.00       | 31.33 | 97.10       | 33.70 | 106.4       | 38.24 |
|        | 48                              | 50.40                        | 19.64 | 58.60       | 22.04 | 75.00       | 27.89 | 82.20       | 30.53 | 90.00       | 33.18 | 97.10       | 35.66 | 106.4       | 40.60 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 50.40                        | 21.06 | 58.60       | 23.57 | 75.00       | 29.65 | 82.20       | 32.10 | 90.10       | 34.87 | 97.20       | 38.11 | 105.8       | 43.66 |
|        | 52                              | 50.40                        | 22.52 | 58.60       | 24.95 | 75.00       | 30.44 | 82.20       | 33.10 | 90.10       | 37.26 | 94.20       | 39.40 | 93.80       | 39.75 |
| 60     | 10                              | 13.80                        | 0.94  | 22.00       | 1.46  | 31.30       | 2.08  | 33.40       | 2.23  | 35.70       | 2.38  | 38.00       | 2.53  | 40.30       | 2.73  |
|        | 12                              | 13.80                        | 0.83  | 22.00       | 1.34  | 31.30       | 2.02  | 33.40       | 2.21  | 35.70       | 2.38  | 38.00       | 2.53  | 40.30       | 2.73  |
|        | 14                              | 13.80                        | 0.80  | 22.00       | 1.30  | 31.30       | 1.94  | 33.40       | 2.10  | 35.70       | 2.27  | 38.00       | 2.43  | 40.30       | 2.62  |
|        | 16                              | 13.80                        | 0.78  | 22.00       | 1.24  | 31.30       | 1.85  | 33.40       | 1.99  | 35.70       | 2.17  | 38.00       | 2.33  | 40.30       | 2.55  |
|        | 18                              | 13.80                        | 0.75  | 22.00       | 1.19  | 31.30       | 1.79  | 33.40       | 1.97  | 35.70       | 2.16  | 38.00       | 2.37  | 40.30       | 2.58  |
|        | 20                              | 13.80                        | 0.71  | 22.00       | 1.18  | 31.30       | 1.84  | 33.40       | 2.04  | 35.70       | 2.26  | 38.00       | 2.47  | 40.30       | 2.76  |
|        | 21                              | 15.50                        | 0.79  | 23.70       | 1.32  | 33.00       | 2.10  | 35.00       | 2.31  | 37.20       | 2.58  | 39.50       | 2.82  | 41.70       | 3.26  |
|        | 23                              | 19.20                        | 2.18  | 27.30       | 3.52  | 36.40       | 4.86  | 38.40       | 5.14  | 40.50       | 5.41  | 42.30       | 5.62  | 44.40       | 5.96  |
|        | 25                              | 24.40                        | 3.96  | 30.90       | 4.65  | 40.00       | 5.72  | 41.80       | 6.01  | 43.80       | 6.31  | 45.40       | 6.58  | 47.20       | 6.93  |
|        | 27                              | 26.80                        | 4.55  | 34.50       | 5.54  | 43.50       | 6.83  | 45.30       | 7.19  | 47.20       | 7.53  | 48.50       | 7.79  | 52.70       | 8.54  |
|        | 29                              | 30.80                        | 5.58  | 38.30       | 6.79  | 47.20       | 8.38  | 49.00       | 8.79  | 50.80       | 9.22  | 53.80       | 9.80  | 62.30       | 11.40 |
|        | 31                              | 34.70                        | 7.04  | 42.20       | 8.60  | 51.00       | 10.47 | 52.50       | 10.76 | 57.20       | 11.55 | 63.70       | 12.74 | 72.00       | 14.62 |
|        | 33                              | 38.90                        | 9.09  | 46.20       | 10.62 | 55.00       | 12.31 | 60.40       | 13.41 | 67.20       | 14.83 | 73.50       | 16.16 | 81.60       | 18.47 |
|        | 35                              | 43.20                        | 11.19 | 50.30       | 12.59 | 64.30       | 15.72 | 70.40       | 17.17 | 77.30       | 18.87 | 83.20       | 20.47 | 91.20       | 23.29 |
|        | 37                              | 43.20                        | 11.87 | 50.30       | 13.36 | 64.30       | 16.74 | 70.40       | 18.30 | 77.30       | 20.12 | 83.20       | 21.83 | 91.20       | 24.84 |
|        | 39                              | 43.20                        | 12.71 | 50.30       | 14.25 | 64.30       | 17.86 | 70.40       | 19.51 | 77.30       | 21.47 | 83.20       | 23.30 | 91.20       | 26.51 |
|        | 41                              | 43.20                        | 13.53 | 50.30       | 15.18 | 64.30       | 19.05 | 70.40       | 20.83 | 77.30       | 22.91 | 83.20       | 24.87 | 91.20       | 28.28 |
|        | 43                              | 43.20                        | 14.44 | 50.30       | 16.22 | 64.30       | 20.34 | 70.40       | 22.25 | 77.30       | 24.46 | 83.20       | 26.54 | 91.20       | 30.19 |
|        | 46                              | 43.20                        | 15.95 | 50.30       | 17.95 | 64.30       | 22.47 | 70.40       | 24.55 | 77.30       | 26.98 | 83.20       | 29.14 | 91.20       | 33.01 |
|        | 48                              | 43.20                        | 17.07 | 50.30       | 19.23 | 64.30       | 24.01 | 70.40       | 26.23 | 77.30       | 28.72 | 83.20       | 31.00 | 91.20       | 34.89 |
|        | 50                              | 43.20                        | 18.32 | 50.30       | 20.61 | 64.30       | 25.64 | 70.40       | 27.99 | 77.30       | 30.54 | 83.20       | 32.67 | 91.20       | 36.77 |
|        | 52                              | 43.20                        | 19.66 | 50.30       | 22.08 | 64.30       | 27.09 | 70.40       | 28.87 | 77.30       | 31.36 | 83.20       | 33.53 | 91.20       | 38.55 |
| 50     | 10                              | 11.50                        | 0.94  | 18.30       | 1.22  | 26.00       | 1.73  | 27.80       | 1.84  | 29.70       | 1.96  | 31.70       | 2.11  | 33.70       | 2.26  |
|        | 12                              | 11.50                        | 0.82  | 18.30       | 1.09  | 26.00       | 1.59  | 27.80       | 1.76  | 29.70       | 1.91  | 31.70       | 2.07  | 33.70       | 2.24  |
|        | 14                              | 11.50                        | 0.76  | 18.30       | 1.05  | 26.00       | 1.53  | 27.80       | 1.69  | 29.70       | 1.81  | 31.70       | 1.96  | 33.70       | 2.14  |
|        | 16                              | 11.50                        | 0.73  | 18.30       | 1.02  | 26.00       | 1.48  | 27.80       | 1.60  | 29.70       | 1.73  | 31.70       | 1.87  | 33.70       | 2.03  |
|        | 18                              | 11.50                        | 0.70  | 18.30       | 0.98  | 26.00       | 1.42  | 27.80       | 1.54  | 29.70       | 1.68  | 31.70       | 1.83  | 33.70       | 2.00  |
|        | 20                              | 11.50                        | 0.67  | 18.30       | 0.95  | 26.00       | 1.41  | 27.80       | 1.55  | 29.70       | 1.73  | 31.70       | 1.89  | 33.70       | 2.10  |
|        | 21                              | 13.00                        | 0.68  | 19.70       | 1.03  | 27.50       | 1.57  | 29.20       | 1.74  | 31.00       | 1.93  | 32.90       | 2.11  | 34.70       | 2.38  |
|        | 23                              | 15.90                        | 1.45  | 22.70       | 2.24  | 30.30       | 4.16  | 32.00       | 4.40  | 33.70       | 4.63  | 35.30       | 4.86  | 37.00       | 5.11  |
|        | 25                              | 22.90                        | 3.79  | 26.10       | 4.08  | 33.30       | 4.85  | 34.90       | 5.09  | 36.40       | 5.35  | 37.80       | 5.57  | 39.30       | 5.89  |
|        | 27                              | 23.30                        | 4.15  | 28.80       | 4.74  | 36.30       | 5.72  | 37.80       | 6.03  | 39.30       | 6.33  | 40.40       | 6.57  | 43.90       | 7.15  |
|        | 29                              | 25.50                        | 4.84  | 31.90       | 5.73  | 39.30       | 6.95  | 40.80       | 7.27  | 42.20       | 7.64  | 44.90       | 8.15  | 52.00       | 9.43  |
|        | 31                              | 29.00                        | 5.96  | 35.10       | 7.09  | 42.50       | 8.64  | 43.80       | 9.07  | 47.50       | 9.83  | 53.00       | 10.84 | 60.00       | 12.29 |
|        | 33                              | 32.30                        | 7.62  | 38.40       | 8.99  | 45.80       | 10.48 | 50.30       | 11.43 | 55.90       | 12.50 | 61.20       | 13.54 | 68.00       | 15.32 |
|        | 35                              | 35.90                        | 9.64  | 41.80       | 10.68 | 53.70       | 13.31 | 58.70       | 14.45 | 64.30       | 15.72 | 69.40       | 16.90 | 76.00       | 19.00 |
|        | 37                              | 35.90                        | 10.25 | 41.80       | 11.41 | 53.70       | 14.15 | 58.70       | 15.37 | 64.30       | 16.75 | 69.40       | 18.03 | 76.00       | 20.27 |
|        | 39                              | 35.90                        | 10.89 | 41.80       | 12.14 | 53.70       | 15.08 | 58.70       | 16.39 | 64.30       | 17.86 | 69.40       | 19.24 | 76.00       | 21.62 |
|        | 41                              | 35.90                        | 11.58 | 41.80       | 12.91 | 53.70       | 16.10 | 58.70       | 17.49 | 64.30       | 19.05 | 69.40       | 20.52 | 76.00       | 23.07 |
|        | 43                              | 35.90                        | 12.30 | 41.80       | 13.76 | 53.70       | 17.20 | 58.70       | 18.68 | 64.30       | 20.36 | 69.40       | 21.91 | 76.00       | 24.63 |
|        | 46                              | 35.90                        | 13.55 | 41.80       | 15.21 | 53.70       | 19.03 | 58.70       | 20.63 | 64.30       | 22.48 | 69.40       | 24.17 | 76.00       | 27.15 |
|        | 48                              | 35.90                        | 14.48 | 41.80       | 16.27 | 53.70       | 20.36 | 58.70       | 22.05 | 64.30       | 24.01 | 69.40       | 25.83 | 76.00       | 29.00 |
|        | 50                              | 35.90                        | 15.51 | 41.80       | 17.44 | 53.70       | 21.79 | 58.70       | 23.57 | 64.30       | 25.66 | 69.40       | 27.58 | 76.00       | 30.95 |
|        | 52                              | 35.90                        | 16.63 | 41.80       | 18.71 | 53.70       | 23.30 | 58.70       | 25.00 | 64.30       | 27.14 | 69.40       | 28.58 | 76.00       | 31.90 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM520LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 30.90                        | 2.13  | 49.70       | 3.40  | 70.40       | 4.86  | 75.40       | 5.24  | 80.30       | 5.61  | 85.50       | 6.02  | 91.00       | 6.52  |
|        | 12                              | 30.90                        | 2.13  | 49.70       | 3.42  | 70.40       | 4.88  | 75.40       | 5.27  | 80.30       | 5.67  | 85.50       | 6.07  | 91.00       | 6.62  |
|        | 14                              | 30.90                        | 2.06  | 49.70       | 3.43  | 70.40       | 4.93  | 75.40       | 5.35  | 80.30       | 5.66  | 85.50       | 6.15  | 91.00       | 6.77  |
|        | 16                              | 30.90                        | 2.04  | 49.70       | 3.47  | 70.40       | 5.07  | 75.40       | 5.45  | 80.30       | 5.84  | 85.50       | 6.36  | 91.00       | 7.09  |
|        | 18                              | 30.90                        | 2.06  | 49.70       | 3.52  | 70.40       | 5.27  | 75.40       | 5.74  | 80.30       | 6.22  | 85.50       | 6.82  | 91.00       | 7.78  |
|        | 20                              | 30.90                        | 2.13  | 49.70       | 3.74  | 70.40       | 5.90  | 75.40       | 6.47  | 80.30       | 7.22  | 85.50       | 8.15  | 91.00       | 9.51  |
|        | 21                              | 35.10                        | 2.67  | 53.60       | 4.72  | 74.10       | 7.92  | 79.10       | 8.42  | 84.00       | 8.98  | 88.70       | 9.67  | 93.90       | 10.50 |
|        | 23                              | 43.20                        | 6.05  | 61.40       | 7.74  | 81.90       | 9.89  | 86.60       | 10.45 | 91.30       | 11.35 | 95.40       | 11.93 | 100.1       | 12.90 |
|        | 25                              | 51.70                        | 7.66  | 69.60       | 9.74  | 89.90       | 12.53 | 94.40       | 13.23 | 98.80       | 14.22 | 102.2       | 14.86 | 106.3       | 15.99 |
|        | 27                              | 60.30                        | 9.89  | 78.00       | 12.34 | 98.00       | 16.00 | 102.2       | 17.04 | 106.4       | 17.91 | 109.2       | 18.49 | 118.8       | 21.09 |
|        | 29                              | 69.10                        | 12.76 | 86.30       | 15.65 | 106.3       | 19.95 | 110.2       | 20.86 | 114.2       | 21.85 | 121.2       | 23.60 | 140.4       | 29.75 |
|        | 31                              | 78.20                        | 16.07 | 95.10       | 19.50 | 114.9       | 24.56 | 118.6       | 25.58 | 128.7       | 28.61 | 143.5       | 33.36 | 162.2       | 41.38 |
|        | 33                              | 87.60                        | 20.24 | 104.0       | 24.21 | 123.7       | 30.24 | 136.0       | 34.53 | 151.4       | 40.42 | 165.6       | 46.44 | 183.8       | 56.11 |
|        | 35                              | 97.00                        | 25.46 | 113.3       | 30.06 | 145.0       | 42.36 | 158.9       | 48.61 | 174.0       | 55.79 | 187.5       | 62.35 | 205.4       | 70.99 |
|        | 37                              | 97.00                        | 27.17 | 113.3       | 32.08 | 145.0       | 45.22 | 158.6       | 51.32 | 174.2       | 59.00 | 187.5       | 65.52 | 191.6       | 68.62 |
|        | 39                              | 97.00                        | 28.99 | 113.3       | 33.94 | 144.8       | 45.61 | 158.6       | 52.25 | 173.9       | 60.29 | 179.8       | 63.10 | 177.8       | 63.54 |
|        | 41                              | 97.00                        | 30.93 | 113.3       | 35.11 | 145.0       | 46.83 | 158.6       | 53.65 | 166.4       | 57.77 | 166.4       | 57.77 | 164.4       | 58.41 |
|        | 43                              | 97.00                        | 32.82 | 113.3       | 35.63 | 145.0       | 49.74 | 153.3       | 54.09 | 153.5       | 54.06 | 153.3       | 54.03 | 151.6       | 54.80 |
|        | 46                              | 97.00                        | 35.00 | 113.3       | 38.87 | 135.0       | 49.79 | 134.8       | 49.74 | 135.0       | 49.73 | 134.8       | 49.77 | 133.2       | 50.34 |
|        | 48                              | 97.00                        | 36.93 | 113.3       | 42.78 | 123.3       | 48.08 | 123.5       | 48.18 | 123.2       | 47.98 | 123.1       | 47.99 | 121.8       | 48.63 |
|        | 50                              | 97.30                        | 39.31 | 112.3       | 45.99 | 112.1       | 45.92 | 112.1       | 45.97 | 112.1       | 45.93 | 111.9       | 45.88 | 110.4       | 46.35 |
|        | 52                              | 96.00                        | 42.25 | 97.40       | 40.69 | 98.90       | 38.59 | 99.20       | 38.14 | 99.70       | 37.67 | 100.0       | 37.30 | 100.2       | 37.51 |
| 120    | 10                              | 28.60                        | 1.97  | 46.00       | 3.14  | 65.00       | 4.48  | 69.60       | 4.81  | 74.10       | 5.14  | 79.00       | 5.49  | 84.00       | 5.94  |
|        | 12                              | 28.60                        | 1.97  | 46.00       | 3.14  | 65.00       | 4.51  | 69.60       | 4.83  | 74.10       | 5.18  | 79.00       | 5.56  | 84.00       | 6.01  |
|        | 14                              | 28.60                        | 1.88  | 46.00       | 3.16  | 65.00       | 4.54  | 69.60       | 4.87  | 74.10       | 5.26  | 79.00       | 5.60  | 84.00       | 6.08  |
|        | 16                              | 28.60                        | 1.83  | 46.00       | 3.14  | 65.00       | 4.63  | 69.60       | 5.00  | 74.10       | 5.35  | 79.00       | 5.69  | 84.00       | 6.31  |
|        | 18                              | 28.60                        | 1.85  | 46.00       | 3.21  | 65.00       | 4.82  | 69.60       | 5.19  | 74.10       | 5.59  | 79.00       | 6.05  | 84.00       | 6.80  |
|        | 20                              | 28.60                        | 1.90  | 46.00       | 3.38  | 65.00       | 5.29  | 69.60       | 5.81  | 74.10       | 6.29  | 79.00       | 7.02  | 84.00       | 8.28  |
|        | 21                              | 32.30                        | 2.36  | 49.40       | 4.18  | 68.60       | 7.04  | 73.00       | 7.79  | 77.50       | 8.24  | 81.90       | 8.75  | 86.80       | 9.65  |
|        | 23                              | 40.00                        | 5.71  | 56.70       | 7.27  | 75.60       | 9.15  | 79.80       | 9.66  | 84.20       | 10.15 | 88.10       | 10.82 | 92.30       | 11.75 |
|        | 25                              | 47.80                        | 7.12  | 64.20       | 9.07  | 82.90       | 11.42 | 87.10       | 12.11 | 91.20       | 12.70 | 94.40       | 13.47 | 98.10       | 14.46 |
|        | 27                              | 55.60                        | 9.16  | 72.00       | 11.39 | 90.50       | 14.60 | 94.30       | 15.27 | 98.20       | 16.21 | 100.9       | 16.77 | 109.7       | 19.04 |
|        | 29                              | 63.90                        | 11.80 | 79.80       | 14.41 | 98.20       | 18.13 | 101.7       | 18.91 | 105.5       | 19.77 | 112.0       | 21.29 | 129.8       | 26.57 |
|        | 31                              | 72.30                        | 14.87 | 87.90       | 17.81 | 106.0       | 22.21 | 109.4       | 23.07 | 118.8       | 25.67 | 132.4       | 29.76 | 149.7       | 36.58 |
|        | 33                              | 80.80                        | 18.52 | 96.20       | 21.97 | 114.1       | 27.19 | 125.6       | 30.89 | 139.8       | 35.90 | 152.8       | 41.00 | 169.8       | 49.60 |
|        | 35                              | 89.70                        | 23.15 | 104.8       | 27.14 | 133.9       | 37.69 | 146.6       | 43.02 | 160.6       | 49.48 | 173.1       | 55.40 | 189.8       | 64.45 |
|        | 37                              | 89.70                        | 24.71 | 104.8       | 28.98 | 133.9       | 40.21 | 146.6       | 45.94 | 160.7       | 52.24 | 173.2       | 58.56 | 189.8       | 67.78 |
|        | 39                              | 89.70                        | 26.37 | 104.8       | 30.90 | 133.9       | 41.26 | 146.4       | 46.34 | 160.6       | 53.19 | 173.2       | 59.82 | 177.8       | 63.56 |
|        | 41                              | 89.70                        | 28.13 | 104.8       | 32.54 | 133.9       | 41.57 | 146.4       | 47.61 | 160.7       | 54.65 | 166.3       | 57.77 | 164.4       | 58.43 |
|        | 43                              | 89.70                        | 30.02 | 104.8       | 33.39 | 133.9       | 44.06 | 146.6       | 50.51 | 153.5       | 54.08 | 153.5       | 54.07 | 151.5       | 54.68 |
|        | 46                              | 89.70                        | 32.87 | 104.5       | 35.07 | 133.9       | 49.11 | 135.0       | 49.79 | 134.8       | 49.73 | 134.8       | 49.75 | 133.5       | 50.41 |
|        | 48                              | 89.70                        | 34.57 | 104.7       | 38.59 | 123.6       | 48.15 | 123.3       | 48.08 | 123.1       | 48.08 | 123.1       | 47.99 | 121.7       | 48.69 |
|        | 50                              | 89.70                        | 36.20 | 104.7       | 41.92 | 112.2       | 45.95 | 112.2       | 45.96 | 112.2       | 45.98 | 111.9       | 45.90 | 110.8       | 46.48 |
|        | 52                              | 89.70                        | 38.25 | 96.80       | 41.57 | 98.40       | 39.42 | 98.60       | 39.01 | 99.00       | 38.57 | 99.20       | 38.23 | 99.40       | 38.56 |
| 110    | 10                              | 26.20                        | 1.79  | 42.10       | 2.87  | 59.50       | 4.09  | 63.70       | 4.40  | 67.90       | 4.70  | 72.30       | 5.02  | 76.90       | 5.40  |
|        | 12                              | 26.20                        | 1.79  | 42.10       | 2.87  | 59.50       | 4.12  | 63.70       | 4.43  | 67.90       | 4.70  | 72.30       | 5.05  | 76.90       | 5.45  |
|        | 14                              | 26.20                        | 1.71  | 42.10       | 2.83  | 59.50       | 4.16  | 63.70       | 4.44  | 67.90       | 4.74  | 72.30       | 5.10  | 76.90       | 5.55  |
|        | 16                              | 26.20                        | 1.64  | 42.10       | 2.83  | 59.50       | 4.22  | 63.70       | 4.53  | 67.90       | 4.86  | 72.30       | 5.19  | 76.90       | 5.67  |
|        | 18                              | 26.20                        | 1.64  | 42.10       | 2.87  | 59.50       | 4.37  | 63.70       | 4.72  | 67.90       | 5.03  | 72.30       | 5.45  | 76.90       | 6.01  |
|        | 20                              | 26.20                        | 1.69  | 42.10       | 3.00  | 59.50       | 4.73  | 63.70       | 5.17  | 67.90       | 5.60  | 72.30       | 6.10  | 76.90       | 7.03  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 29.60                        | 2.06  | 45.30       | 3.66  | 62.90       | 6.10  | 66.80       | 6.78  | 71.00       | 7.45  | 75.10       | 8.02  | 79.50       | 8.63  |
|        | 23                               | 36.60                        | 5.29  | 52.00       | 6.81  | 69.40       | 8.50  | 73.30       | 8.87  | 77.20       | 9.32  | 80.60       | 9.75  | 84.50       | 10.44 |
|        | 25                               | 43.70                        | 6.61  | 58.80       | 8.32  | 76.10       | 10.46 | 79.80       | 10.96 | 83.50       | 11.56 | 86.50       | 12.00 | 89.90       | 12.88 |
|        | 27                               | 51.00                        | 8.36  | 65.80       | 10.50 | 82.90       | 13.18 | 86.30       | 13.71 | 90.00       | 14.45 | 92.30       | 14.86 | 100.4       | 17.12 |
|        | 29                               | 58.50                        | 10.87 | 73.10       | 13.18 | 90.00       | 16.35 | 93.30       | 17.09 | 96.70       | 17.84 | 102.5       | 19.12 | 118.8       | 23.62 |
|        | 31                               | 66.30                        | 13.66 | 80.40       | 16.17 | 97.20       | 19.99 | 100.3       | 20.73 | 108.9       | 22.96 | 121.4       | 26.41 | 137.3       | 32.20 |
|        | 33                               | 74.10                        | 16.92 | 88.10       | 19.86 | 104.5       | 24.33 | 115.1       | 27.49 | 128.2       | 31.75 | 139.9       | 36.03 | 155.5       | 43.41 |
|        | 35                               | 82.20                        | 20.97 | 95.90       | 24.41 | 122.7       | 33.40 | 134.3       | 37.88 | 147.2       | 43.34 | 158.6       | 48.65 | 173.7       | 57.38 |
|        | 37                               | 82.20                        | 22.38 | 95.90       | 26.04 | 122.7       | 35.65 | 134.3       | 40.43 | 147.2       | 46.29 | 158.6       | 51.89 | 174.0       | 60.74 |
|        | 39                               | 82.20                        | 23.88 | 95.90       | 27.80 | 122.7       | 37.68 | 134.3       | 41.75 | 147.2       | 46.76 | 158.7       | 52.28 | 173.9       | 61.82 |
|        | 41                               | 82.20                        | 25.48 | 95.90       | 29.58 | 122.7       | 38.38 | 134.3       | 41.84 | 147.4       | 47.99 | 158.6       | 53.67 | 164.3       | 58.45 |
|        | 43                               | 82.20                        | 27.21 | 95.90       | 31.26 | 122.7       | 38.97 | 134.2       | 44.28 | 147.4       | 50.89 | 153.2       | 54.10 | 151.7       | 54.74 |
|        | 46                               | 82.20                        | 30.02 | 95.90       | 32.66 | 122.5       | 43.29 | 134.2       | 49.35 | 135.0       | 49.81 | 134.8       | 49.74 | 133.2       | 50.41 |
|        | 48                               | 82.20                        | 31.91 | 95.90       | 34.70 | 122.7       | 47.68 | 123.1       | 48.03 | 123.5       | 48.11 | 123.2       | 48.05 | 121.6       | 48.64 |
|        | 50                               | 82.20                        | 33.65 | 95.80       | 37.69 | 112.2       | 46.01 | 112.1       | 45.99 | 112.1       | 45.96 | 112.1       | 45.92 | 110.8       | 46.48 |
|        | 52                               | 82.40                        | 34.14 | 95.70       | 41.55 | 97.60       | 40.48 | 97.90       | 40.06 | 98.20       | 39.62 | 97.90       | 39.20 | 99.00       | 39.19 |
| 100    | 10                               | 23.90                        | 1.63  | 38.20       | 2.61  | 54.10       | 3.72  | 58.00       | 3.99  | 61.90       | 4.25  | 65.80       | 4.54  | 69.90       | 4.87  |
|        | 12                               | 23.90                        | 1.63  | 38.20       | 2.61  | 54.10       | 3.72  | 58.00       | 4.01  | 61.90       | 4.28  | 65.80       | 4.57  | 69.90       | 4.90  |
|        | 14                               | 23.90                        | 1.55  | 38.20       | 2.53  | 54.10       | 3.75  | 58.00       | 4.04  | 61.90       | 4.32  | 65.80       | 4.59  | 69.90       | 4.95  |
|        | 16                               | 23.90                        | 1.44  | 38.20       | 2.49  | 54.10       | 3.77  | 58.00       | 4.10  | 61.90       | 4.38  | 65.80       | 4.68  | 69.90       | 5.10  |
|        | 18                               | 23.90                        | 1.43  | 38.20       | 2.54  | 54.10       | 3.86  | 58.00       | 4.20  | 61.90       | 4.55  | 65.80       | 4.86  | 69.90       | 5.35  |
|        | 20                               | 23.90                        | 1.48  | 38.20       | 2.63  | 54.10       | 4.16  | 58.00       | 4.55  | 61.90       | 4.94  | 65.80       | 5.36  | 69.90       | 6.12  |
|        | 21                               | 27.00                        | 1.79  | 41.30       | 3.15  | 57.20       | 5.21  | 60.80       | 5.81  | 64.50       | 6.38  | 68.40       | 6.99  | 72.30       | 7.91  |
|        | 23                               | 33.30                        | 4.92  | 47.30       | 6.26  | 63.20       | 7.88  | 66.60       | 8.24  | 70.20       | 8.56  | 73.30       | 8.89  | 77.00       | 9.51  |
|        | 25                               | 39.80                        | 6.04  | 53.60       | 7.67  | 69.20       | 9.67  | 72.50       | 10.09 | 75.90       | 10.44 | 78.80       | 10.82 | 81.70       | 11.56 |
|        | 27                               | 46.30                        | 7.60  | 60.00       | 9.62  | 75.40       | 11.92 | 78.50       | 12.45 | 81.90       | 13.00 | 84.00       | 13.49 | 91.30       | 15.04 |
|        | 29                               | 53.10                        | 9.85  | 66.50       | 11.98 | 81.90       | 14.77 | 84.80       | 15.33 | 87.90       | 16.00 | 93.30       | 17.11 | 108.2       | 20.89 |
|        | 31                               | 60.10                        | 12.52 | 73.30       | 14.72 | 88.40       | 17.93 | 91.20       | 18.54 | 99.10       | 20.44 | 110.3       | 23.33 | 124.8       | 28.16 |
|        | 33                               | 67.40                        | 15.39 | 80.10       | 17.91 | 95.20       | 21.70 | 104.8       | 24.35 | 116.5       | 27.91 | 127.4       | 31.50 | 141.5       | 37.62 |
|        | 35                               | 74.70                        | 18.95 | 87.10       | 21.84 | 111.5       | 29.44 | 122.2       | 33.15 | 133.9       | 37.72 | 144.3       | 42.07 | 158.1       | 49.72 |
|        | 37                               | 74.70                        | 20.20 | 87.10       | 23.32 | 111.5       | 31.41 | 122.2       | 35.41 | 133.9       | 40.24 | 144.3       | 44.91 | 158.1       | 53.04 |
|        | 39                               | 74.70                        | 21.54 | 87.10       | 24.87 | 111.5       | 33.44 | 122.2       | 37.46 | 133.9       | 41.99 | 144.3       | 45.68 | 158.1       | 53.48 |
|        | 41                               | 74.70                        | 23.00 | 87.10       | 26.55 | 111.5       | 35.19 | 122.2       | 38.52 | 133.9       | 42.08 | 144.3       | 46.53 | 158.1       | 54.95 |
|        | 43                               | 74.70                        | 24.57 | 87.10       | 28.26 | 111.5       | 35.88 | 122.2       | 39.08 | 133.7       | 44.11 | 144.3       | 49.40 | 151.9       | 54.79 |
|        | 46                               | 74.70                        | 27.11 | 87.10       | 30.37 | 111.3       | 38.07 | 122.2       | 42.99 | 133.9       | 49.09 | 135.3       | 49.81 | 133.2       | 50.38 |
|        | 48                               | 74.70                        | 28.94 | 87.10       | 32.09 | 111.5       | 41.86 | 122.0       | 47.36 | 123.3       | 48.08 | 123.3       | 48.01 | 121.7       | 48.62 |
|        | 50                               | 74.70                        | 30.91 | 87.10       | 33.78 | 111.5       | 45.56 | 112.3       | 46.00 | 112.1       | 45.96 | 112.4       | 46.02 | 110.6       | 46.45 |
|        | 52                               | 74.70                        | 31.33 | 87.10       | 36.58 | 96.60       | 41.67 | 97.10       | 41.02 | 97.70       | 40.34 | 98.20       | 39.69 | 98.60       | 39.69 |
| 90     | 10                               | 21.60                        | 1.47  | 34.30       | 2.34  | 48.70       | 3.33  | 52.20       | 3.58  | 55.60       | 3.82  | 59.30       | 4.07  | 62.90       | 4.38  |
|        | 12                               | 21.60                        | 1.43  | 34.30       | 2.34  | 48.70       | 3.35  | 52.20       | 3.59  | 55.60       | 3.83  | 59.30       | 4.09  | 62.90       | 4.41  |
|        | 14                               | 21.60                        | 1.34  | 34.30       | 2.24  | 48.70       | 3.28  | 52.20       | 3.61  | 55.60       | 3.87  | 59.30       | 4.14  | 62.90       | 4.44  |
|        | 16                               | 21.60                        | 1.29  | 34.30       | 2.13  | 48.70       | 3.31  | 52.20       | 3.61  | 55.60       | 3.92  | 59.30       | 4.20  | 62.90       | 4.53  |
|        | 18                               | 21.60                        | 1.22  | 34.30       | 2.18  | 48.70       | 3.37  | 52.20       | 3.69  | 55.60       | 3.99  | 59.30       | 4.34  | 62.90       | 4.71  |
|        | 20                               | 21.60                        | 1.27  | 34.30       | 2.27  | 48.70       | 3.60  | 52.20       | 3.96  | 55.60       | 4.30  | 59.30       | 4.68  | 62.90       | 5.29  |
|        | 21                               | 24.20                        | 1.51  | 37.10       | 2.68  | 51.50       | 4.38  | 54.80       | 4.85  | 58.00       | 5.38  | 61.60       | 5.90  | 65.00       | 7.06  |
|        | 23                               | 29.90                        | 4.52  | 42.60       | 5.74  | 56.70       | 7.23  | 60.00       | 7.60  | 63.20       | 7.90  | 66.00       | 8.16  | 69.20       | 8.63  |
|        | 25                               | 35.90                        | 5.51  | 48.10       | 6.96  | 62.20       | 8.75  | 65.20       | 9.19  | 68.40       | 9.58  | 70.70       | 9.88  | 73.60       | 10.37 |
|        | 27                               | 41.90                        | 6.83  | 53.80       | 8.61  | 67.90       | 10.77 | 70.70       | 11.21 | 73.60       | 11.65 | 75.60       | 11.96 | 82.20       | 13.36 |
|        | 29                               | 47.90                        | 8.74  | 59.80       | 10.87 | 73.60       | 13.29 | 76.20       | 13.78 | 79.10       | 14.29 | 84.00       | 15.19 | 97.20       | 18.35 |
|        | 31                               | 54.30                        | 11.42 | 65.80       | 13.29 | 79.60       | 16.00 | 82.10       | 16.53 | 89.20       | 18.09 | 99.30       | 20.44 | 112.3       | 24.51 |
|        | 33                               | 60.60                        | 13.97 | 72.00       | 16.09 | 85.60       | 19.25 | 94.10       | 21.46 | 104.8       | 24.41 | 114.6       | 27.35 | 127.3       | 32.37 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 67.40                        | 17.03 | 78.50       | 19.46 | 100.4       | 25.78 | 109.9       | 28.88 | 120.4       | 32.57 | 129.9       | 36.14 | 142.2       | 42.43 |
|        | 37                              | 67.40                        | 18.14 | 78.50       | 20.76 | 100.4       | 27.51 | 109.9       | 30.80 | 120.4       | 34.77 | 129.9       | 38.57 | 142.2       | 45.32 |
|        | 39                              | 67.40                        | 19.37 | 78.50       | 22.15 | 100.4       | 29.38 | 109.9       | 32.88 | 120.4       | 36.80 | 129.9       | 40.78 | 142.2       | 47.28 |
|        | 41                              | 67.40                        | 20.66 | 78.50       | 23.65 | 100.4       | 31.25 | 109.9       | 34.67 | 120.4       | 38.32 | 129.9       | 41.29 | 142.2       | 47.46 |
|        | 43                              | 67.40                        | 22.07 | 78.50       | 25.27 | 100.4       | 33.02 | 109.9       | 35.74 | 120.4       | 38.92 | 130.0       | 42.21 | 142.2       | 49.82 |
|        | 46                              | 67.40                        | 24.37 | 78.50       | 27.76 | 100.4       | 34.49 | 109.7       | 37.33 | 120.6       | 42.20 | 129.8       | 46.98 | 133.4       | 50.40 |
|        | 48                              | 67.40                        | 26.02 | 78.50       | 29.58 | 100.3       | 36.64 | 109.7       | 41.05 | 120.4       | 46.49 | 123.4       | 48.12 | 122.0       | 48.73 |
|        | 50                              | 67.40                        | 27.81 | 78.50       | 31.00 | 100.4       | 39.81 | 109.7       | 44.65 | 112.1       | 45.95 | 112.4       | 45.99 | 111.0       | 46.53 |
|        | 52                              | 67.40                        | 29.43 | 78.50       | 31.92 | 96.30       | 42.06 | 96.80       | 41.66 | 97.40       | 40.95 | 97.70       | 40.30 | 98.20       | 40.32 |
| 80     | 10                              | 19.00                        | 1.31  | 30.70       | 2.08  | 43.40       | 2.95  | 46.30       | 3.17  | 49.40       | 3.38  | 52.60       | 3.61  | 55.90       | 3.88  |
|        | 12                              | 19.00                        | 1.22  | 30.70       | 2.08  | 43.40       | 2.96  | 46.30       | 3.19  | 49.40       | 3.40  | 52.60       | 3.62  | 55.90       | 3.90  |
|        | 14                              | 19.00                        | 1.17  | 30.70       | 1.97  | 43.40       | 2.88  | 46.30       | 3.10  | 49.40       | 3.34  | 52.60       | 3.64  | 55.90       | 3.93  |
|        | 16                              | 19.00                        | 1.11  | 30.70       | 1.85  | 43.40       | 2.81  | 46.30       | 3.10  | 49.40       | 3.38  | 52.60       | 3.66  | 55.90       | 3.99  |
|        | 18                              | 19.00                        | 1.07  | 30.70       | 1.86  | 43.40       | 2.88  | 46.30       | 3.16  | 49.40       | 3.45  | 52.60       | 3.73  | 55.90       | 4.11  |
|        | 20                              | 19.00                        | 1.06  | 30.70       | 1.91  | 43.40       | 3.03  | 46.30       | 3.34  | 49.40       | 3.67  | 52.60       | 3.99  | 55.90       | 4.49  |
|        | 21                              | 21.60                        | 1.27  | 33.00       | 2.21  | 45.70       | 3.62  | 48.60       | 4.00  | 51.70       | 4.44  | 54.60       | 4.88  | 57.90       | 5.78  |
|        | 23                              | 26.50                        | 4.12  | 37.90       | 5.20  | 50.40       | 6.50  | 53.30       | 6.89  | 56.10       | 7.21  | 58.80       | 7.45  | 61.60       | 7.88  |
|        | 25                              | 31.70                        | 4.95  | 42.90       | 6.23  | 55.30       | 7.86  | 58.00       | 8.19  | 60.80       | 8.60  | 62.90       | 8.92  | 65.50       | 9.39  |
|        | 27                              | 37.10                        | 6.12  | 47.90       | 7.65  | 60.30       | 9.68  | 62.90       | 10.04 | 65.50       | 10.41 | 67.10       | 10.67 | 73.10       | 11.83 |
|        | 29                              | 42.60                        | 7.76  | 53.30       | 9.66  | 65.50       | 11.80 | 67.90       | 12.23 | 70.40       | 12.67 | 74.60       | 13.47 | 86.60       | 16.04 |
|        | 31                              | 48.10                        | 10.09 | 58.50       | 11.94 | 70.70       | 14.20 | 72.80       | 14.63 | 79.30       | 15.91 | 88.20       | 17.90 | 99.80       | 21.16 |
|        | 33                              | 53.80                        | 12.56 | 64.20       | 14.38 | 76.10       | 16.97 | 83.70       | 18.79 | 93.10       | 21.20 | 101.7       | 23.57 | 113.3       | 27.62 |
|        | 35                              | 59.80                        | 15.25 | 69.70       | 17.25 | 89.10       | 22.43 | 97.80       | 24.94 | 107.1       | 27.96 | 115.5       | 30.81 | 126.6       | 35.84 |
|        | 37                              | 59.80                        | 16.22 | 69.70       | 18.38 | 89.10       | 23.93 | 97.80       | 26.63 | 107.1       | 29.82 | 115.5       | 32.86 | 126.6       | 38.25 |
|        | 39                              | 59.80                        | 17.29 | 69.70       | 19.61 | 89.10       | 25.54 | 97.80       | 28.42 | 107.1       | 31.82 | 115.5       | 35.08 | 126.6       | 40.52 |
|        | 41                              | 59.80                        | 18.47 | 69.70       | 20.93 | 89.10       | 27.27 | 97.80       | 30.33 | 107.1       | 33.73 | 115.5       | 36.88 | 126.6       | 42.36 |
|        | 43                              | 59.80                        | 19.72 | 69.70       | 22.36 | 89.10       | 29.11 | 97.80       | 32.07 | 107.1       | 35.25 | 115.5       | 37.71 | 126.6       | 43.06 |
|        | 46                              | 59.80                        | 21.77 | 69.70       | 24.69 | 89.10       | 31.41 | 97.80       | 34.00 | 107.1       | 36.77 | 115.4       | 39.87 | 126.4       | 46.59 |
|        | 48                              | 59.80                        | 23.27 | 69.70       | 26.38 | 89.10       | 33.17 | 97.80       | 35.86 | 107.1       | 39.74 | 115.4       | 43.86 | 121.9       | 48.73 |
|        | 50                              | 59.80                        | 24.89 | 69.70       | 28.18 | 89.10       | 34.73 | 97.60       | 38.51 | 107.1       | 43.18 | 112.4       | 45.99 | 110.7       | 46.48 |
|        | 52                              | 59.80                        | 26.60 | 69.70       | 28.52 | 89.20       | 37.58 | 96.30       | 41.83 | 96.80       | 41.77 | 97.10       | 41.09 | 97.60       | 41.12 |
| 70     | 10                              | 16.60                        | 1.15  | 26.80       | 1.81  | 37.90       | 2.58  | 40.60       | 2.77  | 43.20       | 2.95  | 46.00       | 3.14  | 48.90       | 3.38  |
|        | 12                              | 16.60                        | 1.03  | 26.80       | 1.75  | 37.90       | 2.58  | 40.60       | 2.77  | 43.20       | 2.96  | 46.00       | 3.16  | 48.90       | 3.40  |
|        | 14                              | 16.60                        | 1.00  | 26.80       | 1.69  | 37.90       | 2.45  | 40.60       | 2.66  | 43.20       | 2.87  | 46.00       | 3.07  | 48.90       | 3.35  |
|        | 16                              | 16.60                        | 0.95  | 26.80       | 1.58  | 37.90       | 2.36  | 40.60       | 2.58  | 43.20       | 2.83  | 46.00       | 3.07  | 48.90       | 3.36  |
|        | 18                              | 16.60                        | 0.92  | 26.80       | 1.54  | 37.90       | 2.39  | 40.60       | 2.63  | 43.20       | 2.88  | 46.00       | 3.14  | 48.90       | 3.45  |
|        | 20                              | 16.60                        | 0.90  | 26.80       | 1.57  | 37.90       | 2.49  | 40.60       | 2.77  | 43.20       | 3.03  | 46.00       | 3.31  | 48.90       | 3.72  |
|        | 21                              | 18.90                        | 1.03  | 28.80       | 1.80  | 40.00       | 2.89  | 42.60       | 3.23  | 45.20       | 3.56  | 47.80       | 3.92  | 50.50       | 4.57  |
|        | 23                              | 23.40                        | 3.53  | 33.00       | 4.65  | 44.20       | 5.78  | 46.50       | 6.12  | 49.10       | 6.42  | 51.50       | 6.69  | 53.80       | 7.10  |
|        | 25                              | 27.80                        | 4.42  | 37.40       | 5.55  | 48.40       | 6.93  | 50.70       | 7.29  | 53.10       | 7.62  | 55.10       | 7.89  | 57.20       | 8.34  |
|        | 27                              | 32.50                        | 5.37  | 41.90       | 6.74  | 52.80       | 8.37  | 55.10       | 8.81  | 57.20       | 9.27  | 58.80       | 9.49  | 64.00       | 10.41 |
|        | 29                              | 37.40                        | 6.74  | 46.50       | 8.40  | 57.20       | 10.44 | 59.30       | 10.78 | 61.60       | 11.15 | 65.30       | 11.77 | 75.70       | 13.98 |
|        | 31                              | 42.10                        | 8.70  | 51.20       | 10.65 | 61.80       | 12.58 | 63.70       | 12.95 | 69.20       | 13.93 | 77.20       | 15.54 | 87.40       | 18.14 |
|        | 33                              | 47.30                        | 11.05 | 55.90       | 12.74 | 66.50       | 14.87 | 73.30       | 16.33 | 81.40       | 18.26 | 89.20       | 20.13 | 99.10       | 23.36 |
|        | 35                              | 52.50                        | 13.52 | 60.80       | 15.19 | 78.00       | 19.36 | 85.50       | 21.36 | 93.60       | 23.74 | 100.9       | 25.99 | 110.6       | 29.97 |
|        | 37                              | 52.50                        | 14.39 | 60.80       | 16.16 | 78.00       | 20.63 | 85.50       | 22.79 | 93.60       | 25.34 | 100.9       | 27.73 | 110.6       | 31.96 |
|        | 39                              | 52.50                        | 15.33 | 60.80       | 17.24 | 78.00       | 22.04 | 85.50       | 24.33 | 93.60       | 27.04 | 100.9       | 29.60 | 110.6       | 34.10 |
|        | 41                              | 52.50                        | 16.37 | 60.80       | 18.41 | 78.00       | 23.51 | 85.50       | 25.98 | 93.60       | 28.87 | 100.9       | 31.60 | 110.6       | 36.24 |
|        | 43                              | 52.50                        | 17.51 | 60.80       | 19.67 | 78.00       | 25.11 | 85.50       | 27.72 | 93.60       | 30.70 | 100.9       | 33.41 | 110.6       | 38.29 |
|        | 46                              | 52.50                        | 19.34 | 60.80       | 21.71 | 78.00       | 27.72 | 85.50       | 30.42 | 93.60       | 33.05 | 100.9       | 35.35 | 110.6       | 39.96 |
|        | 48                              | 52.50                        | 20.69 | 60.80       | 23.22 | 78.00       | 29.52 | 85.50       | 32.38 | 93.60       | 34.90 | 100.9       | 37.27 | 110.7       | 42.63 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                           | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                           | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                        | 52.50                        | 22.13 | 60.80       | 24.83 | 78.00       | 31.39 | 85.50       | 33.74 | 93.60       | 36.67 | 101.1       | 40.15 | 110.5       | 46.34 |
|        | 52                        | 52.50                        | 23.68 | 60.80       | 26.29 | 78.00       | 31.49 | 85.50       | 35.34 | 93.70       | 40.17 | 96.60       | 41.95 | 96.80       | 42.21 |
| 60     | 10                        | 14.30                        | 0.98  | 22.90       | 1.55  | 32.50       | 2.21  | 34.80       | 2.37  | 37.20       | 2.53  | 39.50       | 2.69  | 41.90       | 2.90  |
|        | 12                        | 14.30                        | 0.86  | 22.90       | 1.43  | 32.50       | 2.15  | 34.80       | 2.37  | 37.20       | 2.53  | 39.50       | 2.69  | 41.90       | 2.90  |
|        | 14                        | 14.30                        | 0.83  | 22.90       | 1.38  | 32.50       | 2.06  | 34.80       | 2.24  | 37.20       | 2.42  | 39.50       | 2.58  | 41.90       | 2.78  |
|        | 16                        | 14.30                        | 0.81  | 22.90       | 1.32  | 32.50       | 1.96  | 34.80       | 2.11  | 37.20       | 2.31  | 39.50       | 2.48  | 41.90       | 2.73  |
|        | 18                        | 14.30                        | 0.78  | 22.90       | 1.26  | 32.50       | 1.91  | 34.80       | 2.12  | 37.20       | 2.32  | 39.50       | 2.55  | 41.90       | 2.78  |
|        | 20                        | 14.30                        | 0.73  | 22.90       | 1.27  | 32.50       | 1.99  | 34.80       | 2.19  | 37.20       | 2.44  | 39.50       | 2.67  | 41.90       | 2.98  |
|        | 21                        | 16.10                        | 0.84  | 24.70       | 1.41  | 34.30       | 2.27  | 36.40       | 2.50  | 38.70       | 2.79  | 41.10       | 3.05  | 43.40       | 3.53  |
|        | 23                        | 20.00                        | 2.35  | 28.40       | 3.81  | 37.90       | 5.07  | 40.00       | 5.35  | 42.10       | 5.64  | 44.00       | 5.85  | 46.20       | 6.23  |
|        | 25                        | 24.70                        | 4.01  | 32.20       | 4.83  | 41.60       | 5.96  | 43.50       | 6.30  | 45.50       | 6.62  | 47.30       | 6.90  | 49.10       | 7.25  |
|        | 27                        | 27.80                        | 4.70  | 35.90       | 5.77  | 45.20       | 7.17  | 47.10       | 7.55  | 49.10       | 7.91  | 50.50       | 8.19  | 54.80       | 9.01  |
|        | 29                        | 32.00                        | 5.80  | 39.80       | 7.12  | 49.10       | 8.83  | 51.00       | 9.27  | 52.80       | 9.74  | 55.90       | 10.26 | 64.90       | 11.97 |
|        | 31                        | 36.10                        | 7.37  | 43.90       | 9.05  | 53.00       | 10.96 | 54.60       | 11.28 | 59.50       | 12.13 | 66.30       | 13.39 | 74.90       | 15.41 |
|        | 33                        | 40.50                        | 9.55  | 48.10       | 11.13 | 57.20       | 12.93 | 62.90       | 14.11 | 69.90       | 15.61 | 76.50       | 17.05 | 85.00       | 19.54 |
|        | 35                        | 44.90                        | 11.68 | 52.30       | 13.22 | 66.80       | 16.55 | 73.30       | 18.11 | 80.40       | 19.95 | 86.60       | 21.68 | 94.90       | 24.73 |
|        | 37                        | 44.90                        | 12.40 | 52.30       | 14.05 | 66.80       | 17.63 | 73.30       | 19.31 | 80.40       | 21.28 | 86.60       | 23.13 | 94.90       | 26.37 |
|        | 39                        | 44.90                        | 13.34 | 52.30       | 15.00 | 66.80       | 18.83 | 73.30       | 20.60 | 80.40       | 22.71 | 86.60       | 24.70 | 94.90       | 28.16 |
|        | 41                        | 44.90                        | 14.23 | 52.30       | 15.99 | 66.80       | 20.09 | 73.30       | 22.01 | 80.40       | 24.25 | 86.60       | 26.36 | 94.90       | 30.04 |
|        | 43                        | 44.90                        | 15.20 | 52.30       | 17.10 | 66.80       | 21.45 | 73.30       | 23.51 | 80.40       | 25.89 | 86.60       | 28.14 | 94.90       | 32.07 |
|        | 46                        | 44.90                        | 16.81 | 52.30       | 18.94 | 66.80       | 23.70 | 73.30       | 25.94 | 80.40       | 28.57 | 86.60       | 30.90 | 94.90       | 35.09 |
|        | 48                        | 44.90                        | 18.01 | 52.30       | 20.27 | 66.80       | 25.34 | 73.30       | 27.72 | 80.40       | 30.41 | 86.60       | 32.88 | 94.90       | 36.91 |
|        | 50                        | 44.90                        | 19.33 | 52.30       | 21.70 | 66.80       | 27.06 | 73.30       | 29.59 | 80.40       | 32.35 | 86.60       | 34.39 | 94.90       | 38.64 |
|        | 52                        | 44.90                        | 20.78 | 52.30       | 23.20 | 66.80       | 28.60 | 73.30       | 29.99 | 80.40       | 32.47 | 86.60       | 35.80 | 94.90       | 41.47 |
| 50     | 10                        | 12.00                        | 0.93  | 19.00       | 1.30  | 27.00       | 1.84  | 28.90       | 1.95  | 30.90       | 2.10  | 33.00       | 2.24  | 35.10       | 2.40  |
|        | 12                        | 12.00                        | 0.81  | 19.00       | 1.16  | 27.00       | 1.70  | 28.90       | 1.88  | 30.90       | 2.04  | 33.00       | 2.20  | 35.10       | 2.40  |
|        | 14                        | 12.00                        | 0.78  | 19.00       | 1.11  | 27.00       | 1.64  | 28.90       | 1.80  | 30.90       | 1.93  | 33.00       | 2.09  | 35.10       | 2.29  |
|        | 16                        | 12.00                        | 0.75  | 19.00       | 1.08  | 27.00       | 1.58  | 28.90       | 1.70  | 30.90       | 1.85  | 33.00       | 2.00  | 35.10       | 2.16  |
|        | 18                        | 12.00                        | 0.71  | 19.00       | 1.03  | 27.00       | 1.51  | 28.90       | 1.64  | 30.90       | 1.78  | 33.00       | 1.96  | 35.10       | 2.15  |
|        | 20                        | 12.00                        | 0.68  | 19.00       | 1.00  | 27.00       | 1.52  | 28.90       | 1.67  | 30.90       | 1.86  | 33.00       | 2.04  | 35.10       | 2.27  |
|        | 21                        | 13.50                        | 0.70  | 20.50       | 1.09  | 28.60       | 1.69  | 30.40       | 1.88  | 32.20       | 2.07  | 34.30       | 2.27  | 36.10       | 2.58  |
|        | 23                        | 16.60                        | 1.55  | 23.60       | 2.42  | 31.50       | 4.31  | 33.30       | 4.58  | 35.10       | 4.82  | 36.70       | 5.06  | 38.50       | 5.33  |
|        | 25                        | 23.20                        | 3.83  | 26.80       | 4.16  | 34.60       | 5.07  | 36.20       | 5.33  | 37.90       | 5.59  | 39.30       | 5.83  | 40.80       | 6.15  |
|        | 27                        | 23.60                        | 4.20  | 29.90       | 4.89  | 37.70       | 5.99  | 39.30       | 6.29  | 40.80       | 6.62  | 42.10       | 6.87  | 45.70       | 7.52  |
|        | 29                        | 26.50                        | 5.00  | 33.20       | 5.98  | 40.80       | 7.29  | 42.40       | 7.64  | 43.90       | 8.05  | 46.80       | 8.60  | 54.10       | 9.98  |
|        | 31                        | 30.20                        | 6.21  | 36.40       | 7.41  | 44.20       | 9.10  | 45.50       | 9.56  | 49.40       | 10.36 | 55.10       | 11.36 | 62.40       | 12.91 |
|        | 33                        | 33.60                        | 7.98  | 40.00       | 9.47  | 47.60       | 10.93 | 52.30       | 11.98 | 58.20       | 13.13 | 63.70       | 14.24 | 70.70       | 16.14 |
|        | 35                        | 37.40                        | 10.00 | 43.40       | 11.13 | 55.90       | 14.00 | 61.10       | 15.19 | 66.80       | 16.55 | 72.30       | 17.83 | 79.00       | 20.10 |
|        | 37                        | 37.40                        | 10.72 | 43.40       | 11.96 | 55.90       | 14.89 | 61.10       | 16.18 | 66.80       | 17.65 | 72.30       | 19.02 | 79.00       | 21.45 |
|        | 39                        | 37.40                        | 11.40 | 43.40       | 12.73 | 55.90       | 15.88 | 61.10       | 17.24 | 66.80       | 18.83 | 72.30       | 20.31 | 79.00       | 22.89 |
|        | 41                        | 37.40                        | 12.14 | 43.40       | 13.55 | 55.90       | 16.96 | 61.10       | 18.41 | 66.80       | 20.09 | 72.30       | 21.67 | 79.00       | 24.41 |
|        | 43                        | 37.40                        | 12.91 | 43.40       | 14.47 | 55.90       | 18.12 | 61.10       | 19.67 | 66.80       | 21.48 | 72.30       | 23.15 | 79.00       | 26.07 |
|        | 46                        | 37.40                        | 14.24 | 43.40       | 16.02 | 55.90       | 20.03 | 61.10       | 21.73 | 66.80       | 23.72 | 72.30       | 25.54 | 79.00       | 28.74 |
|        | 48                        | 37.40                        | 15.22 | 43.40       | 17.15 | 55.90       | 21.41 | 61.10       | 23.24 | 66.80       | 25.33 | 72.30       | 27.29 | 79.00       | 30.70 |
|        | 50                        | 37.40                        | 16.33 | 43.40       | 18.40 | 55.90       | 22.92 | 61.10       | 24.83 | 66.80       | 27.07 | 72.30       | 29.14 | 79.00       | 32.77 |
|        | 52                        | 37.40                        | 17.52 | 43.40       | 19.76 | 55.90       | 24.50 | 61.10       | 26.35 | 66.80       | 28.65 | 72.30       | 29.73 | 79.00       | 33.19 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM540LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 32.10                        | 2.15  | 51.60       | 3.44  | 73.10       | 4.92  | 78.30       | 5.30  | 83.40       | 5.68  | 88.80       | 6.09  | 94.50       | 6.60  |
|        | 12                              | 32.10                        | 2.15  | 51.60       | 3.46  | 73.10       | 4.96  | 78.30       | 5.34  | 83.40       | 5.73  | 88.80       | 6.14  | 94.50       | 6.69  |
|        | 14                              | 32.10                        | 2.08  | 51.60       | 3.46  | 73.10       | 5.01  | 78.30       | 5.42  | 83.40       | 5.72  | 88.80       | 6.22  | 94.50       | 6.83  |
|        | 16                              | 32.10                        | 2.04  | 51.60       | 3.51  | 73.10       | 5.15  | 78.30       | 5.50  | 83.40       | 5.89  | 88.80       | 6.41  | 94.50       | 7.14  |
|        | 18                              | 32.10                        | 2.07  | 51.60       | 3.56  | 73.10       | 5.33  | 78.30       | 5.77  | 83.40       | 6.25  | 88.80       | 6.84  | 94.50       | 7.79  |
|        | 20                              | 32.10                        | 2.14  | 51.60       | 3.77  | 73.10       | 5.93  | 78.30       | 6.47  | 83.40       | 7.19  | 88.80       | 8.10  | 94.50       | 9.40  |
|        | 21                              | 36.40                        | 2.67  | 55.60       | 4.71  | 77.00       | 7.86  | 82.10       | 8.37  | 87.20       | 9.04  | 92.10       | 9.85  | 97.50       | 10.90 |
|        | 23                              | 44.80                        | 6.57  | 63.80       | 8.27  | 85.10       | 10.38 | 89.90       | 10.87 | 94.80       | 11.75 | 99.10       | 12.33 | 103.9       | 13.27 |
|        | 25                              | 53.70                        | 8.18  | 72.40       | 10.28 | 93.40       | 12.93 | 97.90       | 13.62 | 102.6       | 14.59 | 106.1       | 15.21 | 110.4       | 16.32 |
|        | 27                              | 62.60                        | 10.42 | 81.00       | 12.86 | 101.8       | 16.36 | 106.1       | 17.38 | 110.4       | 18.24 | 113.4       | 18.82 | 123.4       | 21.43 |
|        | 29                              | 71.80                        | 13.26 | 89.70       | 16.16 | 110.4       | 20.40 | 114.4       | 21.30 | 118.6       | 22.28 | 125.9       | 24.00 | 145.9       | 30.07 |
|        | 31                              | 81.30                        | 16.62 | 98.80       | 19.98 | 119.3       | 24.99 | 123.1       | 25.99 | 133.6       | 28.98 | 149.0       | 33.66 | 168.5       | 41.56 |
|        | 33                              | 91.00                        | 20.73 | 108.1       | 24.67 | 128.5       | 30.63 | 141.2       | 34.86 | 157.2       | 40.64 | 172.0       | 46.55 | 190.9       | 56.00 |
|        | 35                              | 100.8                        | 25.94 | 117.7       | 30.48 | 150.6       | 42.60 | 164.9       | 48.69 | 180.7       | 55.70 | 194.7       | 62.05 | 213.4       | 70.27 |
|        | 37                              | 100.8                        | 27.65 | 117.7       | 32.50 | 150.6       | 45.41 | 164.7       | 51.34 | 180.8       | 58.81 | 194.7       | 65.08 | 201.0       | 68.49 |
|        | 39                              | 100.8                        | 29.46 | 117.7       | 34.64 | 150.4       | 46.44 | 164.7       | 52.98 | 180.7       | 60.85 | 188.2       | 63.98 | 186.0       | 64.38 |
|        | 41                              | 100.8                        | 31.40 | 117.7       | 36.22 | 150.7       | 48.15 | 164.7       | 54.90 | 173.6       | 59.19 | 173.5       | 59.18 | 171.3       | 59.81 |
|        | 43                              | 100.8                        | 33.47 | 117.7       | 37.08 | 150.7       | 51.38 | 159.2       | 55.72 | 159.4       | 55.66 | 159.2       | 55.64 | 157.5       | 56.42 |
|        | 46                              | 100.8                        | 36.00 | 117.8       | 40.57 | 139.5       | 51.21 | 139.3       | 51.18 | 139.4       | 51.15 | 139.2       | 51.19 | 137.6       | 51.74 |
|        | 48                              | 100.8                        | 38.10 | 117.7       | 44.27 | 126.8       | 48.95 | 127.1       | 49.08 | 127.1       | 49.05 | 126.6       | 48.88 | 125.2       | 49.51 |
|        | 50                              | 101.0                        | 40.38 | 115.2       | 46.24 | 114.9       | 46.18 | 114.9       | 46.20 | 114.9       | 46.19 | 114.6       | 46.12 | 113.3       | 46.72 |
|        | 52                              | 99.00                        | 41.78 | 100.4       | 40.39 | 101.6       | 38.83 | 101.7       | 38.48 | 102.1       | 38.14 | 102.4       | 37.87 | 102.2       | 38.13 |
| 120    | 10                              | 29.70                        | 1.99  | 47.80       | 3.17  | 67.50       | 4.53  | 72.30       | 4.86  | 77.00       | 5.21  | 82.00       | 5.57  | 87.20       | 6.01  |
|        | 12                              | 29.70                        | 1.99  | 47.80       | 3.17  | 67.50       | 4.56  | 72.30       | 4.90  | 77.00       | 5.26  | 82.00       | 5.62  | 87.20       | 6.08  |
|        | 14                              | 29.70                        | 1.91  | 47.80       | 3.19  | 67.50       | 4.60  | 72.30       | 4.95  | 77.00       | 5.33  | 82.00       | 5.65  | 87.20       | 6.14  |
|        | 16                              | 29.70                        | 1.82  | 47.80       | 3.17  | 67.50       | 4.70  | 72.30       | 5.07  | 77.00       | 5.39  | 82.00       | 5.74  | 87.20       | 6.35  |
|        | 18                              | 29.70                        | 1.85  | 47.80       | 3.24  | 67.50       | 4.89  | 72.30       | 5.25  | 77.00       | 5.62  | 82.00       | 6.08  | 87.20       | 6.81  |
|        | 20                              | 29.70                        | 1.90  | 47.80       | 3.41  | 67.50       | 5.33  | 72.30       | 5.85  | 77.00       | 6.30  | 82.00       | 6.99  | 87.20       | 8.20  |
|        | 21                              | 33.50                        | 2.35  | 51.30       | 4.18  | 71.30       | 7.01  | 75.80       | 7.73  | 80.50       | 8.16  | 85.10       | 8.76  | 90.10       | 9.97  |
|        | 23                              | 41.60                        | 6.18  | 58.90       | 7.79  | 78.60       | 9.73  | 82.90       | 10.16 | 87.50       | 10.58 | 91.50       | 11.24 | 95.80       | 12.15 |
|        | 25                              | 49.70                        | 7.62  | 66.70       | 9.62  | 86.20       | 11.94 | 90.40       | 12.53 | 94.70       | 13.10 | 98.00       | 13.86 | 101.8       | 14.83 |
|        | 27                              | 57.80                        | 9.69  | 74.80       | 11.91 | 94.00       | 15.06 | 98.00       | 15.65 | 102.0       | 16.57 | 104.7       | 17.12 | 113.9       | 19.37 |
|        | 29                              | 66.40                        | 12.31 | 82.90       | 14.90 | 102.0       | 18.59 | 105.6       | 19.37 | 109.6       | 20.21 | 116.3       | 21.72 | 134.7       | 26.95 |
|        | 31                              | 75.10                        | 15.39 | 91.30       | 18.31 | 110.2       | 22.65 | 113.6       | 23.51 | 123.4       | 26.08 | 137.4       | 30.11 | 155.6       | 36.85 |
|        | 33                              | 84.00                        | 19.04 | 99.90       | 22.45 | 118.5       | 27.61 | 130.4       | 31.27 | 145.2       | 36.21 | 158.7       | 41.22 | 176.3       | 49.63 |
|        | 35                              | 93.20                        | 23.66 | 108.8       | 27.60 | 139.1       | 38.02 | 152.2       | 43.24 | 166.8       | 49.54 | 179.8       | 55.32 | 197.1       | 64.07 |
|        | 37                              | 93.20                        | 25.21 | 108.8       | 29.43 | 139.1       | 40.51 | 152.2       | 46.12 | 166.8       | 52.24 | 179.8       | 58.39 | 197.1       | 67.24 |
|        | 39                              | 93.20                        | 26.86 | 108.8       | 31.35 | 139.1       | 42.03 | 152.0       | 47.16 | 166.8       | 53.91 | 179.8       | 60.40 | 185.9       | 64.37 |
|        | 41                              | 93.20                        | 28.62 | 108.8       | 33.43 | 139.1       | 42.89 | 152.1       | 48.93 | 166.8       | 55.90 | 173.4       | 59.18 | 171.4       | 59.83 |
|        | 43                              | 93.20                        | 30.52 | 108.8       | 34.65 | 139.0       | 45.67 | 152.3       | 52.15 | 159.5       | 55.71 | 159.5       | 55.70 | 157.3       | 56.30 |
|        | 46                              | 93.20                        | 33.60 | 108.5       | 36.71 | 138.9       | 50.85 | 139.4       | 51.18 | 139.3       | 51.17 | 139.3       | 51.15 | 137.8       | 51.79 |
|        | 48                              | 93.20                        | 35.43 | 108.8       | 40.04 | 127.0       | 48.99 | 126.9       | 48.95 | 126.7       | 48.96 | 126.6       | 48.88 | 125.2       | 49.58 |
|        | 50                              | 93.20                        | 37.09 | 108.8       | 42.99 | 114.9       | 46.18 | 114.9       | 46.16 | 114.9       | 46.21 | 114.7       | 46.17 | 113.4       | 46.74 |
|        | 52                              | 93.20                        | 38.44 | 99.90       | 41.01 | 101.1       | 39.43 | 101.3       | 39.12 | 101.5       | 38.81 | 101.7       | 38.55 | 101.6       | 38.90 |
| 110    | 10                              | 27.30                        | 1.80  | 43.70       | 2.90  | 61.80       | 4.14  | 66.20       | 4.45  | 70.50       | 4.75  | 75.10       | 5.08  | 79.90       | 5.46  |
|        | 12                              | 27.30                        | 1.80  | 43.70       | 2.90  | 61.80       | 4.16  | 66.20       | 4.47  | 70.50       | 4.77  | 75.10       | 5.12  | 79.90       | 5.53  |
|        | 14                              | 27.30                        | 1.72  | 43.70       | 2.86  | 61.80       | 4.20  | 66.20       | 4.50  | 70.50       | 4.82  | 75.10       | 5.17  | 79.90       | 5.60  |
|        | 16                              | 27.30                        | 1.63  | 43.70       | 2.85  | 61.80       | 4.27  | 66.20       | 4.59  | 70.50       | 4.94  | 75.10       | 5.25  | 79.90       | 5.71  |
|        | 18                              | 27.30                        | 1.63  | 43.70       | 2.90  | 61.80       | 4.41  | 66.20       | 4.78  | 70.50       | 5.09  | 75.10       | 5.50  | 79.90       | 6.03  |
|        | 20                              | 27.30                        | 1.68  | 43.70       | 3.03  | 61.80       | 4.75  | 66.20       | 5.20  | 70.50       | 5.64  | 75.10       | 6.13  | 79.90       | 6.99  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 30.80                        | 2.04  | 47.00       | 3.67  | 65.30       | 6.06  | 69.40       | 6.75  | 73.70       | 7.41  | 78.00       | 7.94  | 82.60       | 8.74  |
|        | 23                              | 38.10                        | 5.73  | 54.00       | 7.32  | 72.10       | 9.06  | 76.10       | 9.44  | 80.20       | 9.83  | 83.70       | 10.18 | 87.80       | 10.87 |
|        | 25                              | 45.40                        | 7.06  | 61.10       | 8.85  | 79.10       | 11.02 | 82.90       | 11.52 | 86.70       | 11.99 | 89.90       | 12.41 | 93.40       | 13.28 |
|        | 27                              | 52.90                        | 8.86  | 68.30       | 11.02 | 86.10       | 13.70 | 89.70       | 14.20 | 93.50       | 14.84 | 95.90       | 15.24 | 104.2       | 17.47 |
|        | 29                              | 60.80                        | 11.40 | 75.90       | 13.68 | 93.40       | 16.88 | 96.90       | 17.54 | 100.5       | 18.29 | 106.4       | 19.58 | 123.4       | 24.03 |
|        | 31                              | 68.80                        | 14.22 | 83.50       | 16.72 | 100.9       | 20.46 | 104.2       | 21.20 | 113.1       | 23.40 | 126.1       | 26.82 | 142.5       | 32.54 |
|        | 33                              | 76.90                        | 17.43 | 91.50       | 20.36 | 108.5       | 24.79 | 119.6       | 27.91 | 133.1       | 32.11 | 145.3       | 36.34 | 161.5       | 43.60 |
|        | 35                              | 85.30                        | 21.48 | 99.60       | 24.89 | 127.4       | 33.78 | 139.5       | 38.20 | 152.9       | 43.55 | 164.7       | 48.73 | 180.4       | 57.27 |
|        | 37                              | 85.30                        | 22.89 | 99.60       | 26.52 | 127.4       | 36.02 | 139.5       | 40.72 | 152.9       | 46.47 | 164.7       | 51.91 | 180.6       | 60.52 |
|        | 39                              | 85.30                        | 24.39 | 99.60       | 28.28 | 127.4       | 38.38 | 139.5       | 42.50 | 152.9       | 47.57 | 164.7       | 53.01 | 180.7       | 62.35 |
|        | 41                              | 85.30                        | 26.01 | 99.60       | 30.15 | 127.4       | 39.55 | 139.5       | 43.14 | 153.0       | 49.31 | 164.7       | 54.93 | 171.3       | 59.85 |
|        | 43                              | 85.30                        | 27.73 | 99.60       | 32.14 | 127.4       | 40.52 | 139.4       | 45.90 | 153.1       | 52.52 | 159.2       | 55.71 | 157.5       | 56.35 |
|        | 46                              | 85.30                        | 30.53 | 99.60       | 33.91 | 127.2       | 45.06 | 139.0       | 51.03 | 139.4       | 51.19 | 139.3       | 51.18 | 137.5       | 51.83 |
|        | 48                              | 85.30                        | 32.55 | 99.60       | 36.10 | 126.7       | 48.81 | 126.7       | 48.88 | 127.0       | 48.97 | 126.7       | 48.94 | 125.0       | 49.50 |
|        | 50                              | 85.30                        | 34.42 | 99.50       | 38.74 | 114.9       | 46.25 | 114.9       | 46.23 | 114.9       | 46.23 | 114.9       | 46.17 | 113.4       | 46.68 |
| 100    | 52                              | 85.60                        | 34.52 | 99.40       | 41.36 | 100.6       | 40.20 | 100.7       | 39.89 | 100.9       | 39.58 | 100.6       | 39.29 | 101.0       | 39.33 |
|        | 10                              | 24.80                        | 1.64  | 39.70       | 2.63  | 56.20       | 3.76  | 60.20       | 4.03  | 64.20       | 4.30  | 68.30       | 4.59  | 72.60       | 4.94  |
|        | 12                              | 24.80                        | 1.62  | 39.70       | 2.63  | 56.20       | 3.76  | 60.20       | 4.05  | 64.20       | 4.32  | 68.30       | 4.61  | 72.60       | 4.99  |
|        | 14                              | 24.80                        | 1.54  | 39.70       | 2.56  | 56.20       | 3.78  | 60.20       | 4.07  | 64.20       | 4.36  | 68.30       | 4.66  | 72.60       | 5.04  |
|        | 16                              | 24.80                        | 1.45  | 39.70       | 2.49  | 56.20       | 3.81  | 60.20       | 4.14  | 64.20       | 4.43  | 68.30       | 4.75  | 72.60       | 5.18  |
|        | 18                              | 24.80                        | 1.41  | 39.70       | 2.54  | 56.20       | 3.90  | 60.20       | 4.24  | 64.20       | 4.60  | 68.30       | 4.92  | 72.60       | 5.40  |
|        | 20                              | 24.80                        | 1.46  | 39.70       | 2.64  | 56.20       | 4.19  | 60.20       | 4.58  | 64.20       | 4.97  | 68.30       | 5.41  | 72.60       | 6.15  |
|        | 21                              | 28.10                        | 1.76  | 42.90       | 3.14  | 59.40       | 5.19  | 63.20       | 5.77  | 67.00       | 6.35  | 71.00       | 6.97  | 75.00       | 7.92  |
|        | 23                              | 34.60                        | 5.33  | 49.10       | 6.76  | 65.60       | 8.39  | 69.10       | 8.77  | 72.90       | 9.12  | 76.20       | 9.45  | 79.90       | 10.01 |
|        | 25                              | 41.30                        | 6.47  | 55.60       | 8.19  | 71.80       | 10.22 | 75.30       | 10.64 | 78.80       | 10.99 | 81.80       | 11.32 | 84.80       | 11.99 |
|        | 27                              | 48.10                        | 8.06  | 62.30       | 10.16 | 78.30       | 12.44 | 81.60       | 12.96 | 85.00       | 13.51 | 87.20       | 13.90 | 94.80       | 15.43 |
|        | 29                              | 55.20                        | 10.40 | 69.10       | 12.50 | 85.00       | 15.28 | 88.00       | 15.84 | 91.30       | 16.48 | 96.90       | 17.56 | 112.3       | 21.34 |
|        | 31                              | 62.40                        | 13.06 | 76.10       | 15.23 | 91.80       | 18.42 | 94.70       | 19.03 | 102.8       | 20.90 | 114.5       | 23.77 | 129.6       | 28.55 |
|        | 33                              | 70.00                        | 15.92 | 83.10       | 18.42 | 98.80       | 22.18 | 108.8       | 24.81 | 120.9       | 28.33 | 132.3       | 31.87 | 146.9       | 37.91 |
|        | 35                              | 77.60                        | 19.48 | 90.40       | 22.35 | 115.8       | 29.87 | 126.9       | 33.56 | 139.0       | 38.04 | 149.8       | 42.32 | 164.1       | 49.80 |
| 90     | 37                              | 77.60                        | 20.72 | 90.40       | 23.82 | 115.8       | 31.84 | 126.9       | 35.78 | 139.0       | 40.54 | 149.8       | 45.13 | 164.1       | 53.06 |
|        | 39                              | 77.60                        | 22.06 | 90.40       | 25.37 | 115.8       | 33.94 | 126.9       | 38.15 | 139.0       | 42.71 | 149.8       | 46.44 | 164.1       | 54.21 |
|        | 41                              | 77.60                        | 23.53 | 90.40       | 27.05 | 115.8       | 36.18 | 126.9       | 39.67 | 139.0       | 43.35 | 149.8       | 47.85 | 164.1       | 56.20 |
|        | 43                              | 77.60                        | 25.10 | 90.40       | 28.86 | 115.8       | 37.25 | 126.9       | 40.59 | 138.8       | 45.72 | 149.9       | 51.04 | 157.8       | 56.40 |
|        | 46                              | 77.60                        | 27.64 | 90.40       | 31.25 | 115.7       | 39.76 | 126.8       | 44.76 | 138.9       | 50.85 | 139.7       | 51.22 | 137.5       | 51.79 |
|        | 48                              | 77.60                        | 29.47 | 90.40       | 33.10 | 115.9       | 43.35 | 126.0       | 48.56 | 126.8       | 48.94 | 126.8       | 48.92 | 125.3       | 49.49 |
|        | 50                              | 77.60                        | 31.43 | 90.50       | 34.82 | 114.7       | 46.08 | 115.1       | 46.25 | 114.9       | 46.20 | 115.0       | 46.24 | 113.2       | 46.65 |
|        | 52                              | 77.60                        | 32.31 | 90.40       | 36.67 | 99.70       | 41.12 | 100.2       | 40.63 | 100.6       | 40.14 | 100.9       | 39.64 | 101.0       | 39.75 |
|        | 10                              | 22.40                        | 1.48  | 35.70       | 2.37  | 50.50       | 3.36  | 54.30       | 3.62  | 57.80       | 3.86  | 61.50       | 4.11  | 65.30       | 4.42  |
|        | 12                              | 22.40                        | 1.40  | 35.70       | 2.36  | 50.50       | 3.38  | 54.30       | 3.62  | 57.80       | 3.87  | 61.50       | 4.13  | 65.30       | 4.45  |
|        | 14                              | 22.40                        | 1.33  | 35.70       | 2.26  | 50.50       | 3.32  | 54.30       | 3.65  | 57.80       | 3.91  | 61.50       | 4.18  | 65.30       | 4.50  |
|        | 16                              | 22.40                        | 1.27  | 35.70       | 2.13  | 50.50       | 3.33  | 54.30       | 3.65  | 57.80       | 3.96  | 61.50       | 4.24  | 65.30       | 4.59  |
|        | 18                              | 22.40                        | 1.20  | 35.70       | 2.17  | 50.50       | 3.41  | 54.30       | 3.73  | 57.80       | 4.03  | 61.50       | 4.39  | 65.30       | 4.76  |
|        | 20                              | 22.40                        | 1.24  | 35.70       | 2.26  | 50.50       | 3.63  | 54.30       | 3.98  | 57.80       | 4.32  | 61.50       | 4.71  | 65.30       | 5.31  |
|        | 21                              | 25.10                        | 1.48  | 38.60       | 2.66  | 53.40       | 4.39  | 56.90       | 4.84  | 60.20       | 5.37  | 63.90       | 5.87  | 67.50       | 6.99  |
|        | 23                              | 31.10                        | 4.67  | 44.30       | 6.19  | 58.90       | 7.75  | 62.30       | 8.08  | 65.60       | 8.43  | 68.60       | 8.72  | 71.80       | 9.20  |
|        | 25                              | 37.20                        | 5.88  | 50.00       | 7.44  | 64.50       | 9.26  | 67.80       | 9.73  | 71.00       | 10.12 | 73.50       | 10.43 | 76.40       | 10.91 |
|        | 27                              | 43.40                        | 7.24  | 55.90       | 9.15  | 70.40       | 11.29 | 73.40       | 11.73 | 76.40       | 12.18 | 78.60       | 12.49 | 85.30       | 13.89 |
|        | 29                              | 49.70                        | 9.18  | 62.10       | 11.39 | 76.40       | 13.78 | 79.20       | 14.26 | 82.10       | 14.79 | 87.20       | 15.70 | 101.0       | 18.86 |
|        | 31                              | 56.40                        | 11.97 | 68.40       | 13.85 | 82.60       | 16.51 | 85.30       | 17.03 | 92.60       | 18.58 | 103.1       | 20.96 | 116.6       | 24.94 |
|        | 33                              | 62.90                        | 14.50 | 74.80       | 16.60 | 88.80       | 19.75 | 97.80       | 21.94 | 108.8       | 24.86 | 119.0       | 27.77 | 132.3       | 32.73 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 69.90                        | 17.57 | 81.60       | 19.98 | 104.2       | 26.25 | 114.2       | 29.32 | 125.0       | 32.98 | 135.0       | 36.49 | 147.7       | 42.69 |
|        | 37                               | 69.90                        | 18.67 | 81.60       | 21.27 | 104.2       | 27.99 | 114.2       | 31.24 | 125.0       | 35.15 | 135.0       | 38.89 | 147.7       | 45.54 |
|        | 39                               | 69.90                        | 19.90 | 81.60       | 22.66 | 104.2       | 29.85 | 114.2       | 33.31 | 125.0       | 37.46 | 135.0       | 41.47 | 147.7       | 47.97 |
|        | 41                               | 69.90                        | 21.19 | 81.60       | 24.16 | 104.2       | 31.81 | 114.2       | 35.52 | 125.0       | 39.44 | 135.0       | 42.49 | 147.7       | 48.75 |
|        | 43                               | 69.90                        | 22.61 | 81.60       | 25.78 | 104.2       | 33.91 | 114.2       | 36.97 | 125.0       | 40.39 | 135.0       | 43.80 | 147.8       | 51.47 |
|        | 46                               | 69.90                        | 24.91 | 81.60       | 28.38 | 104.2       | 35.76 | 113.9       | 39.00 | 125.2       | 43.96 | 134.8       | 48.80 | 137.7       | 51.80 |
|        | 48                               | 69.90                        | 26.56 | 81.60       | 30.28 | 104.2       | 38.07 | 114.0       | 42.53 | 124.9       | 47.95 | 126.8       | 48.95 | 125.3       | 49.58 |
|        | 50                               | 69.90                        | 28.35 | 81.60       | 31.83 | 104.2       | 40.88 | 113.3       | 45.39 | 114.9       | 46.17 | 115.1       | 46.21 | 113.6       | 46.74 |
|        | 52                               | 69.90                        | 30.26 | 81.50       | 32.27 | 99.60       | 41.60 | 100.0       | 41.09 | 100.4       | 40.59 | 100.5       | 40.08 | 100.5       | 40.19 |
| 80     | 10                               | 19.70                        | 1.32  | 31.80       | 2.10  | 45.10       | 2.98  | 48.10       | 3.20  | 51.30       | 3.41  | 54.60       | 3.65  | 58.10       | 3.92  |
|        | 12                               | 19.70                        | 1.19  | 31.80       | 2.07  | 45.10       | 2.98  | 48.10       | 3.22  | 51.30       | 3.43  | 54.60       | 3.65  | 58.10       | 3.94  |
|        | 14                               | 19.70                        | 1.13  | 31.80       | 1.97  | 45.10       | 2.91  | 48.10       | 3.14  | 51.30       | 3.38  | 54.60       | 3.67  | 58.10       | 3.96  |
|        | 16                               | 19.70                        | 1.08  | 31.80       | 1.85  | 45.10       | 2.81  | 48.10       | 3.12  | 51.30       | 3.42  | 54.60       | 3.70  | 58.10       | 4.03  |
|        | 18                               | 19.70                        | 1.05  | 31.80       | 1.83  | 45.10       | 2.88  | 48.10       | 3.19  | 51.30       | 3.49  | 54.60       | 3.77  | 58.10       | 4.16  |
|        | 20                               | 19.70                        | 1.03  | 31.80       | 1.89  | 45.10       | 3.03  | 48.10       | 3.36  | 51.30       | 3.70  | 54.60       | 4.01  | 58.10       | 4.52  |
|        | 21                               | 22.40                        | 1.23  | 34.30       | 2.19  | 47.50       | 3.60  | 50.50       | 4.00  | 53.70       | 4.44  | 56.70       | 4.86  | 60.20       | 5.73  |
|        | 23                               | 27.60                        | 4.01  | 39.40       | 5.47  | 52.40       | 6.99  | 55.30       | 7.41  | 58.30       | 7.71  | 61.00       | 7.95  | 64.00       | 8.41  |
|        | 25                               | 32.90                        | 5.28  | 44.50       | 6.65  | 57.50       | 8.38  | 60.20       | 8.71  | 63.20       | 9.14  | 65.30       | 9.46  | 68.00       | 9.94  |
|        | 27                               | 38.60                        | 6.49  | 49.70       | 8.13  | 62.60       | 10.21 | 65.30       | 10.57 | 68.00       | 10.94 | 69.70       | 11.21 | 75.90       | 12.36 |
|        | 29                               | 44.20                        | 8.18  | 55.30       | 10.19 | 68.00       | 12.31 | 70.40       | 12.73 | 73.20       | 13.18 | 77.50       | 13.97 | 89.90       | 16.57 |
|        | 31                               | 49.90                        | 10.57 | 60.80       | 12.48 | 73.40       | 14.75 | 75.60       | 15.18 | 82.30       | 16.45 | 91.60       | 18.39 | 103.7       | 21.63 |
|        | 33                               | 55.90                        | 13.09 | 66.70       | 14.90 | 79.10       | 17.49 | 86.90       | 19.29 | 96.70       | 21.68 | 105.6       | 24.04 | 117.7       | 28.05 |
|        | 35                               | 62.10                        | 15.78 | 72.40       | 17.77 | 92.60       | 22.93 | 101.5       | 25.42 | 111.3       | 28.41 | 119.9       | 31.22 | 131.5       | 36.21 |
|        | 37                               | 62.10                        | 16.76 | 72.40       | 18.90 | 92.60       | 24.43 | 101.5       | 27.10 | 111.3       | 30.26 | 119.9       | 33.28 | 131.5       | 38.60 |
|        | 39                               | 62.10                        | 17.83 | 72.40       | 20.14 | 92.60       | 26.03 | 101.5       | 28.89 | 111.3       | 32.26 | 119.9       | 35.47 | 131.5       | 41.15 |
|        | 41                               | 62.10                        | 19.01 | 72.40       | 21.45 | 92.60       | 27.76 | 101.5       | 30.80 | 111.3       | 34.40 | 119.9       | 37.81 | 131.5       | 43.48 |
|        | 43                               | 62.10                        | 20.27 | 72.40       | 22.89 | 92.60       | 29.60 | 101.5       | 32.81 | 111.3       | 36.28 | 119.9       | 39.07 | 131.5       | 44.57 |
|        | 46                               | 62.10                        | 22.31 | 72.40       | 25.22 | 92.60       | 32.22 | 101.5       | 35.07 | 111.3       | 38.24 | 119.9       | 41.59 | 131.2       | 48.42 |
|        | 48                               | 62.10                        | 23.83 | 72.40       | 26.91 | 92.60       | 34.12 | 101.5       | 37.12 | 111.2       | 41.21 | 119.9       | 45.38 | 125.4       | 49.61 |
|        | 50                               | 62.10                        | 25.44 | 72.40       | 28.72 | 92.60       | 35.72 | 101.3       | 39.57 | 111.2       | 44.25 | 115.2       | 46.23 | 113.2       | 46.69 |
|        | 52                               | 62.10                        | 27.16 | 72.40       | 29.49 | 92.70       | 37.65 | 99.60       | 41.39 | 99.90       | 41.18 | 100.1       | 40.67 | 100.2       | 40.79 |
| 70     | 10                               | 17.30                        | 1.16  | 27.80       | 1.83  | 39.40       | 2.61  | 42.10       | 2.79  | 44.80       | 2.98  | 47.80       | 3.17  | 50.80       | 3.41  |
|        | 12                               | 17.30                        | 0.99  | 27.80       | 1.72  | 39.40       | 2.61  | 42.10       | 2.80  | 44.80       | 2.98  | 47.80       | 3.19  | 50.80       | 3.43  |
|        | 14                               | 17.30                        | 0.97  | 27.80       | 1.67  | 39.40       | 2.47  | 42.10       | 2.69  | 44.80       | 2.91  | 47.80       | 3.11  | 50.80       | 3.38  |
|        | 16                               | 17.30                        | 0.92  | 27.80       | 1.56  | 39.40       | 2.35  | 42.10       | 2.57  | 44.80       | 2.84  | 47.80       | 3.09  | 50.80       | 3.39  |
|        | 18                               | 17.30                        | 0.89  | 27.80       | 1.51  | 39.40       | 2.37  | 42.10       | 2.62  | 44.80       | 2.89  | 47.80       | 3.16  | 50.80       | 3.48  |
|        | 20                               | 17.30                        | 0.86  | 27.80       | 1.53  | 39.40       | 2.47  | 42.10       | 2.76  | 44.80       | 3.03  | 47.80       | 3.33  | 50.80       | 3.75  |
|        | 21                               | 19.70                        | 0.99  | 30.00       | 1.76  | 41.60       | 2.86  | 44.20       | 3.21  | 47.00       | 3.55  | 49.70       | 3.92  | 52.40       | 4.56  |
|        | 23                               | 24.30                        | 3.31  | 34.30       | 4.56  | 45.90       | 6.21  | 48.30       | 6.57  | 51.00       | 6.92  | 53.40       | 7.21  | 55.90       | 7.62  |
|        | 25                               | 28.90                        | 4.70  | 38.90       | 5.90  | 50.20       | 7.38  | 52.60       | 7.79  | 55.10       | 8.14  | 57.20       | 8.41  | 59.40       | 8.87  |
|        | 27                               | 33.80                        | 5.69  | 43.50       | 7.14  | 54.80       | 8.87  | 57.20       | 9.34  | 59.40       | 9.82  | 61.00       | 10.02 | 66.40       | 10.94 |
|        | 29                               | 38.80                        | 7.10  | 48.30       | 8.84  | 59.40       | 10.96 | 61.60       | 11.30 | 64.00       | 11.66 | 67.80       | 12.29 | 78.60       | 14.47 |
|        | 31                               | 43.80                        | 9.08  | 53.20       | 11.19 | 64.30       | 13.09 | 66.20       | 13.46 | 71.80       | 14.49 | 80.20       | 16.05 | 90.70       | 18.63 |
|        | 33                               | 49.10                        | 11.63 | 58.10       | 13.27 | 69.10       | 15.39 | 76.10       | 16.85 | 84.50       | 18.76 | 92.60       | 20.63 | 102.9       | 23.84 |
|        | 35                               | 54.50                        | 14.06 | 63.20       | 15.72 | 81.00       | 19.88 | 88.80       | 21.87 | 97.20       | 24.23 | 104.8       | 26.46 | 114.8       | 30.41 |
|        | 37                               | 54.50                        | 14.93 | 63.20       | 16.70 | 81.00       | 21.14 | 88.80       | 23.29 | 97.20       | 25.83 | 104.8       | 28.19 | 114.8       | 32.39 |
|        | 39                               | 54.50                        | 15.87 | 63.20       | 17.77 | 81.00       | 22.55 | 88.80       | 24.83 | 97.20       | 27.52 | 104.8       | 30.06 | 114.8       | 34.52 |
|        | 41                               | 54.50                        | 16.91 | 63.20       | 18.95 | 81.00       | 24.03 | 88.80       | 26.49 | 97.20       | 29.35 | 104.8       | 32.05 | 114.8       | 36.80 |
|        | 43                               | 54.50                        | 18.06 | 63.20       | 20.21 | 81.00       | 25.63 | 88.80       | 28.22 | 97.20       | 31.27 | 104.8       | 34.15 | 114.8       | 39.22 |
|        | 46                               | 54.50                        | 19.89 | 63.20       | 22.25 | 81.00       | 28.24 | 88.80       | 31.07 | 97.20       | 33.92 | 104.8       | 36.45 | 114.8       | 41.34 |
|        | 48                               | 54.50                        | 21.25 | 63.20       | 23.76 | 81.00       | 30.12 | 88.80       | 33.14 | 97.20       | 35.92 | 104.8       | 38.57 | 115.0       | 44.14 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 54.50                        | 22.68 | 63.20       | 25.38 | 81.00       | 32.11 | 88.80       | 34.55 | 97.30       | 37.73 | 105.0       | 41.22 | 113.5       | 46.75 |
|        | 52                              | 54.50                        | 24.24 | 63.20       | 27.07 | 81.00       | 31.84 | 88.80       | 35.56 | 97.20       | 40.10 | 99.80       | 41.48 | 99.60       | 41.59 |
| 60     | 10                              | 14.80                        | 0.99  | 23.80       | 1.56  | 33.70       | 2.23  | 36.20       | 2.39  | 38.60       | 2.55  | 41.00       | 2.71  | 43.50       | 2.92  |
|        | 12                              | 14.80                        | 0.87  | 23.80       | 1.39  | 33.70       | 2.13  | 36.20       | 2.36  | 38.60       | 2.55  | 41.00       | 2.71  | 43.50       | 2.93  |
|        | 14                              | 14.80                        | 0.80  | 23.80       | 1.34  | 33.70       | 2.05  | 36.20       | 2.24  | 38.60       | 2.43  | 41.00       | 2.60  | 43.50       | 2.82  |
|        | 16                              | 14.80                        | 0.78  | 23.80       | 1.29  | 33.70       | 1.94  | 36.20       | 2.11  | 38.60       | 2.30  | 41.00       | 2.47  | 43.50       | 2.72  |
|        | 18                              | 14.80                        | 0.75  | 23.80       | 1.24  | 33.70       | 1.88  | 36.20       | 2.09  | 38.60       | 2.29  | 41.00       | 2.53  | 43.50       | 2.78  |
|        | 20                              | 14.80                        | 0.70  | 23.80       | 1.23  | 33.70       | 1.95  | 36.20       | 2.17  | 38.60       | 2.41  | 41.00       | 2.66  | 43.50       | 2.97  |
|        | 21                              | 16.70                        | 0.80  | 25.60       | 1.36  | 35.60       | 2.22  | 37.80       | 2.47  | 40.20       | 2.76  | 42.60       | 3.02  | 45.10       | 3.51  |
|        | 23                              | 20.80                        | 2.21  | 29.40       | 3.59  | 39.40       | 5.31  | 41.50       | 5.75  | 43.70       | 6.05  | 45.70       | 6.31  | 48.00       | 6.70  |
|        | 25                              | 25.60                        | 4.25  | 33.40       | 5.14  | 43.20       | 6.34  | 45.10       | 6.72  | 47.30       | 7.07  | 49.10       | 7.37  | 51.00       | 7.75  |
|        | 27                              | 28.90                        | 4.97  | 37.30       | 6.12  | 47.00       | 7.58  | 48.90       | 8.01  | 51.00       | 8.38  | 52.40       | 8.72  | 57.00       | 9.54  |
|        | 29                              | 33.20                        | 6.11  | 41.30       | 7.51  | 51.00       | 9.29  | 52.90       | 9.82  | 54.80       | 10.27 | 58.10       | 10.77 | 67.50       | 12.47 |
|        | 31                              | 37.50                        | 7.73  | 45.60       | 9.50  | 55.00       | 11.50 | 56.70       | 11.81 | 61.80       | 12.66 | 68.80       | 13.90 | 77.80       | 15.92 |
|        | 33                              | 42.10                        | 10.02 | 49.90       | 11.70 | 59.30       | 13.45 | 65.30       | 14.64 | 72.60       | 16.13 | 79.40       | 17.57 | 88.30       | 20.04 |
|        | 35                              | 46.70                        | 12.27 | 54.20       | 13.75 | 69.40       | 17.08 | 76.10       | 18.63 | 83.40       | 20.46 | 89.90       | 22.19 | 98.60       | 25.22 |
|        | 37                              | 46.70                        | 12.99 | 54.20       | 14.59 | 69.40       | 18.16 | 76.10       | 19.84 | 83.40       | 21.80 | 89.90       | 23.63 | 98.60       | 26.86 |
|        | 39                              | 46.70                        | 13.89 | 54.20       | 15.53 | 69.40       | 19.36 | 76.10       | 21.13 | 83.40       | 23.22 | 89.90       | 25.20 | 98.60       | 28.64 |
|        | 41                              | 46.70                        | 14.78 | 54.20       | 16.53 | 69.40       | 20.63 | 76.10       | 22.54 | 83.40       | 24.77 | 89.90       | 26.86 | 98.60       | 30.53 |
|        | 43                              | 46.70                        | 15.74 | 54.20       | 17.65 | 69.40       | 21.99 | 76.10       | 24.03 | 83.40       | 26.40 | 89.90       | 28.64 | 98.60       | 32.55 |
|        | 46                              | 46.70                        | 17.36 | 54.20       | 19.49 | 69.40       | 24.24 | 76.10       | 26.47 | 83.40       | 29.09 | 89.90       | 31.52 | 98.60       | 35.82 |
|        | 48                              | 46.70                        | 18.57 | 54.20       | 20.81 | 69.40       | 25.87 | 76.10       | 28.24 | 83.40       | 31.00 | 89.90       | 33.60 | 98.60       | 37.77 |
|        | 50                              | 46.70                        | 19.88 | 54.20       | 22.25 | 69.40       | 27.60 | 76.10       | 30.12 | 83.40       | 33.07 | 89.90       | 35.26 | 98.60       | 39.54 |
|        | 52                              | 46.70                        | 21.35 | 54.20       | 23.76 | 69.40       | 29.43 | 76.10       | 30.95 | 83.50       | 32.81 | 89.90       | 36.05 | 98.50       | 41.42 |
| 50     | 10                              | 12.40                        | 0.94  | 19.80       | 1.31  | 28.10       | 1.85  | 30.00       | 1.97  | 32.10       | 2.12  | 34.30       | 2.26  | 36.40       | 2.42  |
|        | 12                              | 12.40                        | 0.83  | 19.80       | 1.15  | 28.10       | 1.66  | 30.00       | 1.85  | 32.10       | 2.01  | 34.30       | 2.18  | 36.40       | 2.39  |
|        | 14                              | 12.40                        | 0.74  | 19.80       | 1.06  | 28.10       | 1.60  | 30.00       | 1.77  | 32.10       | 1.91  | 34.30       | 2.08  | 36.40       | 2.28  |
|        | 16                              | 12.40                        | 0.72  | 19.80       | 1.04  | 28.10       | 1.55  | 30.00       | 1.67  | 32.10       | 1.83  | 34.30       | 2.00  | 36.40       | 2.16  |
|        | 18                              | 12.40                        | 0.67  | 19.80       | 0.99  | 28.10       | 1.47  | 30.00       | 1.61  | 32.10       | 1.75  | 34.30       | 1.93  | 36.40       | 2.12  |
|        | 20                              | 12.40                        | 0.65  | 19.80       | 0.96  | 28.10       | 1.47  | 30.00       | 1.63  | 32.10       | 1.82  | 34.30       | 2.00  | 36.40       | 2.24  |
|        | 21                              | 14.00                        | 0.66  | 21.40       | 1.04  | 29.70       | 1.64  | 31.60       | 1.83  | 33.50       | 2.02  | 35.60       | 2.23  | 37.50       | 2.54  |
|        | 23                              | 17.30                        | 1.44  | 24.60       | 2.28  | 32.70       | 4.13  | 34.60       | 4.48  | 36.50       | 4.86  | 38.10       | 5.22  | 40.00       | 5.72  |
|        | 25                              | 23.80                        | 4.00  | 27.80       | 4.40  | 35.90       | 5.38  | 37.60       | 5.67  | 39.40       | 5.97  | 40.80       | 6.22  | 42.40       | 6.56  |
|        | 27                              | 24.50                        | 4.40  | 31.10       | 5.17  | 39.20       | 6.36  | 40.80       | 6.67  | 42.40       | 7.04  | 43.70       | 7.31  | 47.50       | 7.97  |
|        | 29                              | 27.60                        | 5.25  | 34.60       | 6.32  | 42.40       | 7.68  | 44.00       | 8.07  | 45.70       | 8.50  | 48.60       | 9.09  | 56.20       | 10.53 |
|        | 31                              | 31.30                        | 6.51  | 37.90       | 7.77  | 45.90       | 9.57  | 47.30       | 10.07 | 51.30       | 10.89 | 57.20       | 11.89 | 64.80       | 13.47 |
|        | 33                              | 34.90                        | 8.36  | 41.60       | 9.96  | 49.40       | 11.51 | 54.30       | 12.51 | 60.50       | 13.69 | 66.10       | 14.80 | 73.50       | 16.66 |
|        | 35                              | 38.90                        | 10.56 | 45.20       | 11.72 | 58.00       | 14.53 | 63.40       | 15.72 | 69.40       | 17.08 | 75.00       | 18.36 | 82.10       | 20.62 |
|        | 37                              | 38.90                        | 11.34 | 45.20       | 12.53 | 58.00       | 15.42 | 63.40       | 16.72 | 69.40       | 18.18 | 75.00       | 19.54 | 82.10       | 21.96 |
|        | 39                              | 38.90                        | 11.98 | 45.20       | 13.27 | 58.00       | 16.42 | 63.40       | 17.78 | 69.40       | 19.37 | 75.00       | 20.83 | 82.10       | 23.41 |
|        | 41                              | 38.90                        | 12.69 | 45.20       | 14.10 | 58.00       | 17.49 | 63.40       | 18.95 | 69.40       | 20.63 | 75.00       | 22.20 | 82.10       | 24.94 |
|        | 43                              | 38.90                        | 13.47 | 45.20       | 15.02 | 58.00       | 18.67 | 63.40       | 20.20 | 69.40       | 22.01 | 75.00       | 23.68 | 82.10       | 26.59 |
|        | 46                              | 38.90                        | 14.80 | 45.20       | 16.57 | 58.00       | 20.58 | 63.40       | 22.27 | 69.40       | 24.26 | 75.00       | 26.07 | 82.10       | 29.27 |
|        | 48                              | 38.90                        | 15.79 | 45.20       | 17.70 | 58.00       | 21.96 | 63.40       | 23.78 | 69.40       | 25.86 | 75.00       | 27.82 | 82.10       | 31.23 |
|        | 50                              | 38.90                        | 16.90 | 45.20       | 18.95 | 58.00       | 23.47 | 63.40       | 25.38 | 69.40       | 27.60 | 75.00       | 29.67 | 82.10       | 33.29 |
|        | 52                              | 38.90                        | 18.10 | 45.20       | 20.32 | 58.00       | 25.05 | 63.40       | 27.10 | 69.40       | 29.46 | 75.00       | 30.62 | 82.10       | 34.19 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM560LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 33.30                        | 2.31  | 53.50       | 3.71  | 75.90       | 5.33  | 81.20       | 5.75  | 86.50       | 6.06  | 92.10       | 6.52  | 98.00       | 7.08  |
|        | 12                         | 33.30                        | 2.31  | 53.50       | 3.73  | 75.90       | 5.38  | 81.20       | 5.80  | 86.50       | 6.16  | 92.10       | 6.62  | 98.00       | 7.23  |
|        | 14                         | 33.30                        | 2.23  | 53.50       | 3.73  | 75.90       | 5.43  | 81.20       | 5.87  | 86.50       | 6.22  | 92.10       | 6.76  | 98.00       | 7.43  |
|        | 16                         | 33.30                        | 2.20  | 53.50       | 3.77  | 75.90       | 5.58  | 81.20       | 5.97  | 86.50       | 6.41  | 92.10       | 6.97  | 98.00       | 7.76  |
|        | 18                         | 33.30                        | 2.22  | 53.50       | 3.82  | 75.90       | 5.79  | 81.20       | 6.27  | 86.50       | 6.81  | 92.10       | 7.45  | 98.00       | 8.48  |
|        | 20                         | 33.30                        | 2.30  | 53.50       | 4.06  | 75.90       | 6.46  | 81.20       | 7.06  | 86.50       | 7.84  | 92.10       | 8.83  | 98.00       | 10.28 |
|        | 21                         | 37.80                        | 2.88  | 57.70       | 5.09  | 79.80       | 8.61  | 85.10       | 9.22  | 90.40       | 10.01 | 95.50       | 10.79 | 101.1       | 11.68 |
|        | 23                         | 46.50                        | 6.83  | 66.10       | 8.71  | 88.20       | 11.10 | 93.20       | 11.65 | 98.30       | 12.60 | 102.8       | 13.24 | 107.8       | 14.29 |
|        | 25                         | 55.70                        | 8.59  | 75.00       | 10.82 | 96.90       | 13.91 | 101.6       | 14.67 | 106.4       | 15.73 | 110.1       | 16.43 | 114.5       | 17.66 |
|        | 27                         | 65.00                        | 10.96 | 84.00       | 13.70 | 105.6       | 17.69 | 110.0       | 18.80 | 114.6       | 19.77 | 117.6       | 20.42 | 127.9       | 23.36 |
|        | 29                         | 74.50                        | 14.05 | 93.00       | 17.43 | 114.5       | 22.08 | 118.7       | 23.09 | 122.9       | 24.17 | 130.5       | 26.09 | 151.3       | 32.87 |
|        | 31                         | 84.30                        | 17.70 | 102.5       | 21.57 | 123.8       | 27.13 | 127.7       | 28.25 | 138.6       | 31.58 | 154.5       | 36.80 | 174.7       | 45.23 |
|        | 33                         | 94.40                        | 22.27 | 112.1       | 26.74 | 133.3       | 33.35 | 146.5       | 38.07 | 163.0       | 44.40 | 178.4       | 50.24 | 198.0       | 60.04 |
|        | 35                         | 104.5                        | 28.07 | 122.1       | 33.13 | 156.2       | 46.41 | 171.1       | 52.44 | 187.3       | 59.75 | 201.9       | 66.29 | 217.1       | 73.55 |
|        | 37                         | 104.5                        | 29.93 | 122.1       | 35.32 | 156.2       | 49.34 | 170.8       | 55.30 | 187.5       | 63.10 | 201.9       | 69.60 | 205.6       | 72.18 |
|        | 39                         | 104.5                        | 31.90 | 122.1       | 37.65 | 156.0       | 50.50 | 170.9       | 57.19 | 187.4       | 65.45 | 194.2       | 68.48 | 191.8       | 69.42 |
|        | 41                         | 104.5                        | 34.00 | 122.1       | 39.44 | 156.2       | 52.34 | 170.9       | 59.40 | 179.6       | 63.84 | 179.6       | 63.84 | 177.2       | 64.44 |
|        | 43                         | 104.5                        | 35.98 | 122.1       | 39.91 | 156.2       | 54.85 | 165.4       | 59.51 | 165.5       | 59.47 | 165.2       | 59.43 | 163.4       | 60.18 |
|        | 46                         | 104.5                        | 37.94 | 122.1       | 42.92 | 145.3       | 54.29 | 145.1       | 54.25 | 145.3       | 54.23 | 145.1       | 54.27 | 143.3       | 54.75 |
|        | 48                         | 104.5                        | 39.86 | 122.0       | 46.56 | 132.5       | 52.09 | 132.7       | 52.25 | 133.2       | 52.41 | 132.2       | 52.02 | 130.7       | 52.62 |
|        | 50                         | 104.7                        | 42.15 | 120.5       | 49.06 | 120.3       | 49.01 | 120.4       | 49.07 | 120.3       | 49.00 | 120.1       | 48.96 | 118.6       | 49.59 |
|        | 52                         | 103.4                        | 44.22 | 105.5       | 43.11 | 106.7       | 41.56 | 106.9       | 41.18 | 107.4       | 40.88 | 107.5       | 40.61 | 107.3       | 40.90 |
| 120    | 10                         | 30.80                        | 2.13  | 49.50       | 3.41  | 70.00       | 4.90  | 75.00       | 5.27  | 79.80       | 5.65  | 85.10       | 5.98  | 90.40       | 6.42  |
|        | 12                         | 30.80                        | 2.14  | 49.50       | 3.42  | 70.00       | 4.93  | 75.00       | 5.31  | 79.80       | 5.70  | 85.10       | 6.06  | 90.40       | 6.54  |
|        | 14                         | 30.80                        | 2.04  | 49.50       | 3.44  | 70.00       | 4.98  | 75.00       | 5.37  | 79.80       | 5.78  | 85.10       | 6.14  | 90.40       | 6.67  |
|        | 16                         | 30.80                        | 1.97  | 49.50       | 3.41  | 70.00       | 5.08  | 75.00       | 5.50  | 79.80       | 5.86  | 85.10       | 6.24  | 90.40       | 6.91  |
|        | 18                         | 30.80                        | 2.00  | 49.50       | 3.49  | 70.00       | 5.30  | 75.00       | 5.70  | 79.80       | 6.11  | 85.10       | 6.62  | 90.40       | 7.42  |
|        | 20                         | 30.80                        | 2.05  | 49.50       | 3.66  | 70.00       | 5.79  | 75.00       | 6.36  | 79.80       | 6.87  | 85.10       | 7.62  | 90.40       | 8.96  |
|        | 21                         | 34.80                        | 2.53  | 53.20       | 4.51  | 73.90       | 7.65  | 78.60       | 8.45  | 83.50       | 8.98  | 88.20       | 9.69  | 93.50       | 10.76 |
|        | 23                         | 43.10                        | 6.44  | 61.10       | 8.20  | 81.50       | 10.36 | 86.00       | 10.85 | 90.70       | 11.33 | 94.90       | 12.04 | 99.40       | 13.04 |
|        | 25                         | 51.50                        | 7.98  | 69.20       | 10.13 | 89.30       | 12.81 | 93.70       | 13.45 | 98.30       | 14.10 | 101.6       | 14.92 | 105.6       | 15.99 |
|        | 27                         | 59.90                        | 10.20 | 77.50       | 12.60 | 97.40       | 16.22 | 101.6       | 16.89 | 105.8       | 17.91 | 108.6       | 18.51 | 118.1       | 21.03 |
|        | 29                         | 68.80                        | 13.02 | 86.00       | 15.88 | 105.8       | 20.08 | 109.5       | 20.94 | 113.7       | 21.88 | 120.6       | 23.55 | 139.7       | 29.37 |
|        | 31                         | 77.80                        | 16.35 | 94.60       | 19.63 | 114.2       | 24.54 | 117.8       | 25.49 | 128.0       | 28.35 | 142.5       | 32.84 | 161.3       | 40.37 |
|        | 33                         | 87.10                        | 20.33 | 103.6       | 24.27 | 122.9       | 30.00 | 135.2       | 34.06 | 150.6       | 39.57 | 164.6       | 44.98 | 182.9       | 53.43 |
|        | 35                         | 96.60                        | 25.54 | 112.8       | 29.93 | 144.2       | 41.51 | 157.8       | 47.04 | 173.0       | 53.32 | 186.5       | 59.36 | 203.8       | 68.09 |
|        | 37                         | 96.60                        | 27.23 | 112.8       | 31.92 | 144.2       | 44.25 | 157.9       | 50.05 | 173.0       | 56.24 | 186.5       | 62.67 | 202.9       | 71.28 |
|        | 39                         | 96.60                        | 29.02 | 112.8       | 34.01 | 144.2       | 46.04 | 157.7       | 51.21 | 173.0       | 58.16 | 186.5       | 64.97 | 191.8       | 69.05 |
|        | 41                         | 96.60                        | 30.93 | 112.8       | 36.26 | 144.2       | 47.11 | 157.7       | 53.10 | 173.0       | 60.45 | 179.4       | 63.84 | 177.3       | 64.46 |
|        | 43                         | 96.60                        | 32.98 | 112.8       | 37.12 | 144.2       | 49.27 | 157.9       | 55.66 | 165.5       | 59.47 | 165.5       | 59.47 | 163.1       | 60.06 |
|        | 46                         | 96.60                        | 35.64 | 112.6       | 38.71 | 144.2       | 53.71 | 145.3       | 54.27 | 145.1       | 54.22 | 145.1       | 54.23 | 143.5       | 54.81 |
|        | 48                         | 96.60                        | 37.31 | 112.8       | 41.98 | 132.6       | 52.16 | 132.5       | 52.12 | 132.3       | 52.12 | 132.3       | 52.03 | 130.8       | 52.70 |
|        | 50                         | 96.60                        | 38.71 | 112.8       | 44.97 | 120.4       | 49.05 | 120.4       | 49.02 | 120.2       | 49.05 | 119.2       | 48.71 | 118.8       | 49.61 |
|        | 52                         | 96.60                        | 40.24 | 105.1       | 43.72 | 106.3       | 42.14 | 106.5       | 41.85 | 106.7       | 41.54 | 106.9       | 41.26 | 106.7       | 41.68 |
| 110    | 10                         | 28.30                        | 1.94  | 45.30       | 3.12  | 64.10       | 4.46  | 68.60       | 4.81  | 73.10       | 5.14  | 77.90       | 5.50  | 82.90       | 5.92  |
|        | 12                         | 28.30                        | 1.93  | 45.30       | 3.12  | 64.10       | 4.48  | 68.60       | 4.84  | 73.10       | 5.17  | 77.90       | 5.55  | 82.90       | 6.00  |
|        | 14                         | 28.30                        | 1.83  | 45.30       | 3.07  | 64.10       | 4.53  | 68.60       | 4.87  | 73.10       | 5.23  | 77.90       | 5.61  | 82.90       | 6.08  |
|        | 16                         | 28.30                        | 1.76  | 45.30       | 3.07  | 64.10       | 4.60  | 68.60       | 4.97  | 73.10       | 5.35  | 77.90       | 5.70  | 82.90       | 6.21  |
|        | 18                         | 28.30                        | 1.76  | 45.30       | 3.11  | 64.10       | 4.75  | 68.60       | 5.18  | 73.10       | 5.53  | 77.90       | 5.97  | 82.90       | 6.57  |
|        | 20                         | 28.30                        | 1.81  | 45.30       | 3.24  | 64.10       | 5.15  | 68.60       | 5.64  | 73.10       | 6.14  | 77.90       | 6.68  | 82.90       | 7.63  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 31.90                        | 2.20  | 48.80       | 3.94  | 67.70       | 6.59  | 72.00       | 7.36  | 76.40       | 8.10  | 80.90       | 8.71  | 85.60       | 9.68  |
|        | 23                               | 39.50                        | 5.97  | 56.00       | 7.66  | 74.70       | 9.63  | 78.90       | 10.05 | 83.10       | 10.49 | 86.90       | 10.89 | 91.00       | 11.65 |
|        | 25                               | 47.10                        | 7.41  | 63.30       | 9.34  | 82.00       | 11.71 | 86.00       | 12.33 | 89.90       | 12.86 | 93.20       | 13.33 | 96.90       | 14.30 |
|        | 27                               | 54.90                        | 9.33  | 70.90       | 11.62 | 89.30       | 14.71 | 93.00       | 15.28 | 96.90       | 15.99 | 99.40       | 16.45 | 108.1       | 18.90 |
|        | 29                               | 63.00                        | 12.01 | 78.70       | 14.52 | 96.90       | 18.22 | 100.5       | 18.94 | 104.1       | 19.76 | 110.4       | 21.17 | 128.0       | 26.13 |
|        | 31                               | 71.40                        | 15.03 | 86.60       | 17.86 | 104.7       | 22.10 | 108.1       | 22.93 | 117.3       | 25.37 | 130.8       | 29.17 | 147.8       | 35.54 |
|        | 33                               | 79.80                        | 18.58 | 94.90       | 21.88 | 112.6       | 26.87 | 124.0       | 30.33 | 138.0       | 35.01 | 150.7       | 39.71 | 167.5       | 47.29 |
|        | 35                               | 88.50                        | 23.00 | 103.3       | 26.93 | 132.1       | 36.80 | 144.7       | 41.72 | 158.5       | 47.36 | 170.8       | 52.48 | 187.1       | 61.32 |
|        | 37                               | 88.50                        | 24.67 | 103.3       | 28.69 | 132.1       | 39.23 | 144.7       | 44.48 | 158.5       | 50.38 | 170.9       | 55.86 | 187.3       | 64.82 |
|        | 39                               | 88.50                        | 26.30 | 103.3       | 30.60 | 132.1       | 41.82 | 144.7       | 46.54 | 158.5       | 51.61 | 170.8       | 57.22 | 187.3       | 66.96 |
|        | 41                               | 88.50                        | 28.03 | 103.3       | 32.62 | 132.1       | 43.24 | 144.7       | 47.37 | 158.7       | 53.47 | 170.8       | 59.42 | 177.3       | 64.48 |
|        | 43                               | 88.50                        | 29.90 | 103.3       | 34.28 | 132.1       | 43.78 | 144.5       | 49.48 | 158.7       | 56.06 | 165.3       | 59.51 | 163.5       | 60.15 |
|        | 46                               | 88.50                        | 32.57 | 103.3       | 35.65 | 131.9       | 47.82 | 144.5       | 53.95 | 145.3       | 54.30 | 145.0       | 54.24 | 143.2       | 54.83 |
|        | 48                               | 88.50                        | 34.47 | 103.3       | 37.74 | 132.1       | 51.90 | 132.3       | 52.05 | 132.7       | 52.16 | 132.3       | 52.09 | 130.6       | 52.62 |
|        | 50                               | 88.50                        | 36.02 | 103.1       | 40.39 | 120.3       | 49.09 | 120.3       | 49.06 | 120.3       | 49.07 | 120.3       | 48.99 | 118.8       | 49.60 |
|        | 52                               | 88.70                        | 36.07 | 103.1       | 43.31 | 105.7       | 42.93 | 105.8       | 42.57 | 106.1       | 42.31 | 105.2       | 41.80 | 106.3       | 42.15 |
| 100    | 10                               | 25.70                        | 1.76  | 41.20       | 2.83  | 58.30       | 4.05  | 62.40       | 4.34  | 66.60       | 4.64  | 70.80       | 4.96  | 75.30       | 5.35  |
|        | 12                               | 25.70                        | 1.73  | 41.20       | 2.83  | 58.30       | 4.05  | 62.40       | 4.37  | 66.60       | 4.66  | 70.80       | 4.99  | 75.30       | 5.40  |
|        | 14                               | 25.70                        | 1.65  | 41.20       | 2.73  | 58.30       | 4.08  | 62.40       | 4.39  | 66.60       | 4.71  | 70.80       | 5.05  | 75.30       | 5.46  |
|        | 16                               | 25.70                        | 1.54  | 41.20       | 2.69  | 58.30       | 4.10  | 62.40       | 4.47  | 66.60       | 4.79  | 70.80       | 5.15  | 75.30       | 5.61  |
|        | 18                               | 25.70                        | 1.52  | 41.20       | 2.74  | 58.30       | 4.20  | 62.40       | 4.57  | 66.60       | 4.98  | 70.80       | 5.34  | 75.30       | 5.87  |
|        | 20                               | 25.70                        | 1.58  | 41.20       | 2.84  | 58.30       | 4.51  | 62.40       | 4.94  | 66.60       | 5.39  | 70.80       | 5.88  | 75.30       | 6.70  |
|        | 21                               | 29.10                        | 1.91  | 44.50       | 3.38  | 61.60       | 5.62  | 65.50       | 6.25  | 69.50       | 6.92  | 73.60       | 7.60  | 77.90       | 8.72  |
|        | 23                               | 35.80                        | 5.55  | 51.00       | 7.06  | 68.00       | 8.88  | 71.70       | 9.27  | 75.60       | 9.70  | 79.00       | 10.06 | 82.90       | 10.68 |
|        | 25                               | 42.80                        | 6.76  | 57.70       | 8.60  | 74.50       | 10.79 | 78.10       | 11.25 | 81.80       | 11.75 | 84.80       | 12.12 | 88.00       | 12.86 |
|        | 27                               | 49.90                        | 8.48  | 64.60       | 10.68 | 81.20       | 13.19 | 84.60       | 13.89 | 88.20       | 14.51 | 90.40       | 14.94 | 98.30       | 16.65 |
|        | 29                               | 57.20                        | 10.91 | 71.70       | 13.22 | 88.20       | 16.31 | 91.30       | 17.07 | 94.70       | 17.78 | 100.5       | 18.97 | 116.5       | 23.13 |
|        | 31                               | 64.70                        | 13.77 | 78.90       | 16.19 | 95.20       | 19.84 | 98.20       | 20.52 | 106.7       | 22.61 | 118.7       | 25.78 | 134.4       | 31.10 |
|        | 33                               | 72.50                        | 16.87 | 86.30       | 19.69 | 102.5       | 23.98 | 112.8       | 26.89 | 125.4       | 30.80 | 137.1       | 34.73 | 152.4       | 41.47 |
|        | 35                               | 80.40                        | 20.76 | 93.80       | 24.11 | 120.1       | 32.45 | 131.6       | 36.54 | 144.2       | 41.53 | 155.4       | 46.12 | 170.3       | 53.57 |
|        | 37                               | 80.40                        | 22.14 | 93.80       | 25.70 | 120.1       | 34.59 | 131.6       | 38.97 | 144.2       | 44.27 | 155.4       | 49.05 | 170.3       | 57.04 |
|        | 39                               | 80.40                        | 23.73 | 93.80       | 27.38 | 120.1       | 36.88 | 131.6       | 41.55 | 144.2       | 46.73 | 155.4       | 50.50 | 170.3       | 58.44 |
|        | 41                               | 80.40                        | 25.31 | 93.80       | 29.20 | 120.1       | 39.31 | 131.6       | 43.32 | 144.2       | 47.57 | 155.4       | 52.05 | 170.3       | 60.73 |
|        | 43                               | 80.40                        | 27.00 | 93.80       | 31.02 | 120.1       | 40.00 | 131.6       | 43.83 | 144.0       | 49.31 | 155.4       | 54.51 | 163.7       | 60.20 |
|        | 46                               | 80.40                        | 29.62 | 93.80       | 32.93 | 119.9       | 42.03 | 131.6       | 47.50 | 144.1       | 53.69 | 145.4       | 54.28 | 143.3       | 54.81 |
|        | 48                               | 80.40                        | 31.36 | 93.80       | 34.60 | 120.1       | 45.55 | 131.3       | 51.59 | 132.5       | 52.12 | 132.5       | 52.06 | 130.7       | 52.60 |
|        | 50                               | 80.40                        | 33.05 | 93.80       | 36.18 | 120.1       | 48.89 | 120.5       | 49.05 | 120.4       | 49.05 | 120.5       | 49.07 | 118.6       | 49.54 |
|        | 52                               | 80.40                        | 33.14 | 93.90       | 38.31 | 104.4       | 43.63 | 105.3       | 43.35 | 105.7       | 42.84 | 106.2       | 42.39 | 106.1       | 42.51 |
| 90     | 10                               | 23.20                        | 1.59  | 37.00       | 2.54  | 52.40       | 3.62  | 56.20       | 3.90  | 59.90       | 4.16  | 63.80       | 4.43  | 67.80       | 4.78  |
|        | 12                               | 23.20                        | 1.50  | 37.00       | 2.54  | 52.40       | 3.64  | 56.20       | 3.90  | 59.90       | 4.17  | 63.80       | 4.46  | 67.80       | 4.81  |
|        | 14                               | 23.20                        | 1.42  | 37.00       | 2.41  | 52.40       | 3.57  | 56.20       | 3.93  | 59.90       | 4.22  | 63.80       | 4.51  | 67.80       | 4.86  |
|        | 16                               | 23.20                        | 1.36  | 37.00       | 2.29  | 52.40       | 3.59  | 56.20       | 3.94  | 59.90       | 4.27  | 63.80       | 4.57  | 67.80       | 4.97  |
|        | 18                               | 23.20                        | 1.29  | 37.00       | 2.34  | 52.40       | 3.66  | 56.20       | 4.00  | 59.90       | 4.33  | 63.80       | 4.72  | 67.80       | 5.16  |
|        | 20                               | 23.20                        | 1.34  | 37.00       | 2.44  | 52.40       | 3.89  | 56.20       | 4.29  | 59.90       | 4.65  | 63.80       | 5.10  | 67.80       | 5.77  |
|        | 21                               | 26.10                        | 1.60  | 40.00       | 2.87  | 55.40       | 4.72  | 59.00       | 5.24  | 62.50       | 5.81  | 66.30       | 6.38  | 70.00       | 7.63  |
|        | 23                               | 32.20                        | 5.07  | 45.90       | 6.46  | 61.00       | 8.12  | 64.60       | 8.54  | 68.00       | 8.89  | 71.10       | 9.25  | 74.50       | 9.78  |
|        | 25                               | 38.60                        | 6.17  | 51.80       | 7.79  | 66.90       | 9.79  | 70.30       | 10.26 | 73.60       | 10.64 | 76.20       | 11.07 | 79.30       | 11.65 |
|        | 27                               | 45.00                        | 7.59  | 58.00       | 9.63  | 73.10       | 11.91 | 76.10       | 12.39 | 79.20       | 12.92 | 81.50       | 13.37 | 88.50       | 14.92 |
|        | 29                               | 51.50                        | 9.68  | 64.40       | 11.98 | 79.20       | 14.65 | 82.10       | 15.20 | 85.10       | 15.89 | 90.40       | 16.91 | 104.8       | 20.38 |
|        | 31                               | 58.50                        | 12.56 | 70.90       | 14.64 | 85.60       | 17.64 | 88.40       | 18.32 | 96.00       | 20.03 | 107.0       | 22.67 | 121.0       | 27.08 |
|        | 33                               | 65.20                        | 15.31 | 77.60       | 17.67 | 92.10       | 21.27 | 101.4       | 23.71 | 112.8       | 26.95 | 123.5       | 30.18 | 137.2       | 35.69 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 72.50                        | 18.64 | 84.60       | 21.37 | 108.1       | 28.42 | 118.4       | 31.83 | 129.6       | 35.89 | 140.0       | 39.79 | 153.2       | 46.45 |
|        | 37                              | 72.50                        | 19.86 | 84.60       | 22.89 | 108.1       | 30.31 | 118.4       | 33.92 | 129.6       | 38.27 | 140.0       | 42.44 | 153.2       | 49.42 |
|        | 39                              | 72.50                        | 21.23 | 84.60       | 24.40 | 108.1       | 32.32 | 118.4       | 36.17 | 129.6       | 40.79 | 140.0       | 45.27 | 153.2       | 51.98 |
|        | 41                              | 72.50                        | 22.64 | 84.60       | 26.01 | 108.1       | 34.47 | 118.4       | 38.58 | 129.6       | 43.00 | 140.0       | 46.58 | 153.2       | 52.88 |
|        | 43                              | 72.50                        | 24.25 | 84.60       | 27.76 | 108.1       | 36.20 | 118.4       | 39.66 | 129.6       | 43.55 | 139.9       | 47.42 | 153.2       | 54.94 |
|        | 46                              | 72.50                        | 26.72 | 84.60       | 30.15 | 108.1       | 37.65 | 118.2       | 41.21 | 129.9       | 46.61 | 139.7       | 51.62 | 143.5       | 54.84 |
|        | 48                              | 72.50                        | 28.34 | 84.60       | 31.92 | 108.1       | 39.85 | 118.2       | 44.68 | 129.7       | 50.64 | 132.5       | 52.14 | 131.0       | 52.73 |
|        | 50                              | 72.50                        | 29.91 | 84.60       | 33.16 | 108.1       | 42.68 | 118.2       | 47.91 | 120.4       | 49.03 | 120.5       | 49.05 | 119.0       | 49.64 |
|        | 52                              | 72.50                        | 31.10 | 84.50       | 33.63 | 104.7       | 44.28 | 105.2       | 43.80 | 105.5       | 43.27 | 105.7       | 42.82 | 105.6       | 42.97 |
| 80     | 10                              | 20.50                        | 1.42  | 33.00       | 2.25  | 46.70       | 3.21  | 49.90       | 3.44  | 53.20       | 3.67  | 56.60       | 3.93  | 60.20       | 4.22  |
|        | 12                              | 20.50                        | 1.27  | 33.00       | 2.23  | 46.70       | 3.21  | 49.90       | 3.46  | 53.20       | 3.70  | 56.60       | 3.94  | 60.20       | 4.25  |
|        | 14                              | 20.50                        | 1.22  | 33.00       | 2.11  | 46.70       | 3.10  | 49.90       | 3.36  | 53.20       | 3.64  | 56.60       | 3.96  | 60.20       | 4.28  |
|        | 16                              | 20.50                        | 1.16  | 33.00       | 1.97  | 46.70       | 3.04  | 49.90       | 3.36  | 53.20       | 3.68  | 56.60       | 3.98  | 60.20       | 4.35  |
|        | 18                              | 20.50                        | 1.13  | 33.00       | 1.98  | 46.70       | 3.12  | 49.90       | 3.43  | 53.20       | 3.75  | 56.60       | 4.06  | 60.20       | 4.47  |
|        | 20                              | 20.50                        | 1.11  | 33.00       | 2.04  | 46.70       | 3.27  | 49.90       | 3.61  | 53.20       | 3.98  | 56.60       | 4.32  | 60.20       | 4.87  |
|        | 21                              | 23.20                        | 1.33  | 35.60       | 2.36  | 49.30       | 3.88  | 52.40       | 4.31  | 55.70       | 4.78  | 58.80       | 5.25  | 62.40       | 6.20  |
|        | 23                              | 28.60                        | 4.47  | 40.90       | 5.83  | 54.30       | 7.32  | 57.40       | 7.74  | 60.50       | 8.10  | 63.30       | 8.41  | 66.30       | 8.91  |
|        | 25                              | 34.20                        | 5.52  | 46.20       | 6.97  | 59.60       | 8.78  | 62.40       | 9.19  | 65.50       | 9.65  | 67.80       | 9.96  | 70.50       | 10.45 |
|        | 27                              | 40.00                        | 6.80  | 51.60       | 8.53  | 65.00       | 10.75 | 67.70       | 11.14 | 70.50       | 11.54 | 72.30       | 11.83 | 78.70       | 13.09 |
|        | 29                              | 45.90                        | 8.61  | 57.40       | 10.67 | 70.50       | 13.01 | 73.00       | 13.49 | 75.80       | 13.99 | 80.40       | 14.88 | 93.20       | 17.80 |
|        | 31                              | 51.80                        | 11.12 | 63.00       | 13.16 | 76.20       | 15.68 | 78.40       | 16.16 | 85.40       | 17.59 | 95.00       | 19.82 | 107.5       | 23.40 |
|        | 33                              | 58.00                        | 13.73 | 69.10       | 15.77 | 82.00       | 18.69 | 90.10       | 20.70 | 100.3       | 23.41 | 109.6       | 26.03 | 122.0       | 30.48 |
|        | 35                              | 64.40                        | 16.63 | 75.10       | 18.91 | 96.10       | 24.75 | 105.2       | 27.51 | 115.3       | 30.83 | 124.4       | 33.94 | 136.3       | 39.48 |
|        | 37                              | 64.40                        | 17.73 | 75.10       | 20.16 | 96.10       | 26.38 | 105.2       | 29.33 | 115.3       | 32.84 | 124.4       | 36.18 | 136.3       | 42.10 |
|        | 39                              | 64.40                        | 18.90 | 75.10       | 21.61 | 96.10       | 28.11 | 105.2       | 31.27 | 115.3       | 35.00 | 124.4       | 38.58 | 136.3       | 44.89 |
|        | 41                              | 64.40                        | 20.19 | 75.10       | 23.03 | 96.10       | 29.99 | 105.2       | 33.35 | 115.3       | 37.34 | 124.4       | 41.13 | 136.3       | 47.51 |
|        | 43                              | 64.40                        | 21.58 | 75.10       | 24.57 | 96.10       | 31.97 | 105.2       | 35.14 | 115.3       | 38.84 | 124.4       | 42.00 | 136.3       | 48.16 |
|        | 46                              | 64.40                        | 23.88 | 75.10       | 26.96 | 96.10       | 34.06 | 105.2       | 36.87 | 115.3       | 40.36 | 124.3       | 44.02 | 136.1       | 51.22 |
|        | 48                              | 64.40                        | 25.49 | 75.10       | 28.57 | 96.10       | 35.77 | 105.2       | 38.82 | 115.3       | 43.24 | 124.3       | 47.75 | 131.0       | 52.73 |
|        | 50                              | 64.40                        | 27.22 | 75.10       | 30.12 | 96.00       | 37.16 | 105.1       | 41.28 | 115.3       | 46.32 | 120.5       | 49.05 | 118.7       | 49.60 |
|        | 52                              | 64.40                        | 29.07 | 75.10       | 30.16 | 96.00       | 39.36 | 103.8       | 43.62 | 105.2       | 43.90 | 105.3       | 43.38 | 105.2       | 43.55 |
| 70     | 10                              | 17.90                        | 1.24  | 28.80       | 1.97  | 40.90       | 2.80  | 43.70       | 3.00  | 46.50       | 3.21  | 49.60       | 3.41  | 52.70       | 3.67  |
|        | 12                              | 17.90                        | 1.06  | 28.80       | 1.85  | 40.90       | 2.78  | 43.70       | 3.00  | 46.50       | 3.21  | 49.60       | 3.44  | 52.70       | 3.70  |
|        | 14                              | 17.90                        | 1.03  | 28.80       | 1.78  | 40.90       | 2.64  | 43.70       | 2.86  | 46.50       | 3.10  | 49.60       | 3.34  | 52.70       | 3.64  |
|        | 16                              | 17.90                        | 0.98  | 28.80       | 1.67  | 40.90       | 2.52  | 43.70       | 2.77  | 46.50       | 3.06  | 49.60       | 3.33  | 52.70       | 3.65  |
|        | 18                              | 17.90                        | 0.95  | 28.80       | 1.62  | 40.90       | 2.56  | 43.70       | 2.83  | 46.50       | 3.12  | 49.60       | 3.41  | 52.70       | 3.74  |
|        | 20                              | 17.90                        | 0.93  | 28.80       | 1.66  | 40.90       | 2.66  | 43.70       | 2.98  | 46.50       | 3.27  | 49.60       | 3.59  | 52.70       | 4.02  |
|        | 21                              | 20.40                        | 1.07  | 31.10       | 1.90  | 43.10       | 3.09  | 45.90       | 3.46  | 48.70       | 3.84  | 51.50       | 4.22  | 54.40       | 4.91  |
|        | 23                              | 25.20                        | 3.61  | 35.60       | 5.08  | 47.60       | 6.49  | 50.10       | 6.86  | 52.90       | 7.23  | 55.40       | 7.53  | 58.00       | 7.99  |
|        | 25                              | 29.90                        | 4.90  | 40.30       | 6.18  | 52.10       | 7.74  | 54.60       | 8.16  | 57.20       | 8.55  | 59.30       | 8.86  | 61.60       | 9.35  |
|        | 27                              | 35.00                        | 5.95  | 45.10       | 7.49  | 56.80       | 9.32  | 59.30       | 9.83  | 61.60       | 10.32 | 63.30       | 10.52 | 68.90       | 11.53 |
|        | 29                              | 40.20                        | 7.46  | 50.10       | 9.31  | 61.60       | 11.52 | 63.80       | 11.89 | 66.40       | 12.31 | 70.30       | 13.01 | 81.50       | 15.39 |
|        | 31                              | 45.30                        | 9.58  | 55.20       | 11.72 | 66.60       | 13.82 | 68.60       | 14.24 | 74.50       | 15.37 | 83.20       | 17.11 | 94.10       | 19.97 |
|        | 33                              | 50.90                        | 12.13 | 60.30       | 13.95 | 71.70       | 16.34 | 78.90       | 17.95 | 87.70       | 20.08 | 96.00       | 22.15 | 106.7       | 25.80 |
|        | 35                              | 56.50                        | 14.75 | 65.60       | 16.60 | 84.00       | 21.24 | 92.10       | 23.49 | 100.9       | 26.19 | 108.7       | 28.66 | 119.1       | 33.03 |
|        | 37                              | 56.50                        | 15.71 | 65.60       | 17.69 | 84.00       | 22.75 | 92.10       | 25.11 | 100.9       | 27.92 | 108.7       | 30.54 | 119.1       | 35.18 |
|        | 39                              | 56.50                        | 16.73 | 65.60       | 18.89 | 84.00       | 24.27 | 92.10       | 26.79 | 100.9       | 29.76 | 108.7       | 32.56 | 119.1       | 37.51 |
|        | 41                              | 56.50                        | 17.86 | 65.60       | 20.17 | 84.00       | 25.87 | 92.10       | 28.57 | 100.9       | 31.73 | 108.7       | 34.72 | 119.1       | 40.00 |
|        | 43                              | 56.50                        | 19.13 | 65.60       | 21.62 | 84.00       | 27.59 | 92.10       | 30.45 | 100.9       | 33.69 | 108.7       | 36.59 | 119.1       | 42.03 |
|        | 46                              | 56.50                        | 21.14 | 65.60       | 23.82 | 84.00       | 30.12 | 92.10       | 33.00 | 100.9       | 35.83 | 108.7       | 38.36 | 119.1       | 43.69 |
|        | 48                              | 56.50                        | 22.66 | 65.60       | 25.31 | 84.00       | 31.89 | 92.10       | 34.93 | 100.9       | 37.64 | 108.7       | 40.38 | 119.2       | 46.42 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 56.50                        | 24.20 | 65.60       | 26.72 | 84.00       | 33.59 | 92.10       | 36.09 | 100.8       | 39.30 | 108.9       | 43.05 | 118.8       | 49.63 |
|        | 52                              | 56.50                        | 25.86 | 65.60       | 27.78 | 84.00       | 33.28 | 92.10       | 37.15 | 100.8       | 41.97 | 105.0       | 44.22 | 104.7       | 44.38 |
| 60     | 10                              | 15.40                        | 1.07  | 24.70       | 1.68  | 35.00       | 2.40  | 37.50       | 2.57  | 40.00       | 2.74  | 42.60       | 2.92  | 45.10       | 3.14  |
|        | 12                              | 15.40                        | 0.88  | 24.70       | 1.50  | 35.00       | 2.28  | 37.50       | 2.53  | 40.00       | 2.73  | 42.60       | 2.92  | 45.10       | 3.15  |
|        | 14                              | 15.40                        | 0.85  | 24.70       | 1.44  | 35.00       | 2.19  | 37.50       | 2.39  | 40.00       | 2.60  | 42.60       | 2.79  | 45.10       | 3.01  |
|        | 16                              | 15.40                        | 0.83  | 24.70       | 1.38  | 35.00       | 2.08  | 37.50       | 2.25  | 40.00       | 2.47  | 42.60       | 2.66  | 45.10       | 2.95  |
|        | 18                              | 15.40                        | 0.80  | 24.70       | 1.32  | 35.00       | 2.03  | 37.50       | 2.26  | 40.00       | 2.48  | 42.60       | 2.74  | 45.10       | 3.00  |
|        | 20                              | 15.40                        | 0.75  | 24.70       | 1.33  | 35.00       | 2.11  | 37.50       | 2.35  | 40.00       | 2.61  | 42.60       | 2.87  | 45.10       | 3.21  |
|        | 21                              | 17.40                        | 0.86  | 26.60       | 1.47  | 36.90       | 2.41  | 39.20       | 2.67  | 41.70       | 2.98  | 44.20       | 3.27  | 46.70       | 3.78  |
|        | 23                              | 21.50                        | 2.39  | 30.50       | 3.92  | 40.80       | 5.67  | 43.10       | 6.01  | 45.30       | 6.33  | 47.40       | 6.59  | 49.80       | 7.02  |
|        | 25                              | 26.50                        | 4.42  | 34.70       | 5.37  | 44.70       | 6.64  | 46.80       | 7.04  | 49.00       | 7.41  | 50.90       | 7.74  | 52.90       | 8.13  |
|        | 27                              | 29.90                        | 5.20  | 38.70       | 6.41  | 48.70       | 7.97  | 50.70       | 8.42  | 52.90       | 8.83  | 54.30       | 9.16  | 59.10       | 10.04 |
|        | 29                              | 34.40                        | 6.39  | 42.90       | 7.88  | 52.90       | 9.78  | 54.90       | 10.29 | 56.80       | 10.76 | 60.20       | 11.32 | 70.00       | 13.19 |
|        | 31                              | 38.90                        | 8.12  | 47.30       | 10.01 | 57.10       | 12.09 | 58.80       | 12.42 | 64.10       | 13.37 | 71.40       | 14.72 | 80.60       | 16.93 |
|        | 33                              | 43.60                        | 10.53 | 51.80       | 12.22 | 61.50       | 14.18 | 67.70       | 15.48 | 75.30       | 17.13 | 82.30       | 18.75 | 91.50       | 21.48 |
|        | 35                              | 48.40                        | 12.79 | 56.30       | 14.42 | 71.90       | 18.14 | 79.00       | 19.84 | 86.50       | 21.88 | 93.30       | 23.82 | 102.2       | 27.28 |
|        | 37                              | 48.40                        | 13.57 | 56.30       | 15.36 | 71.90       | 19.34 | 79.00       | 21.17 | 86.50       | 23.38 | 93.30       | 25.49 | 102.2       | 29.05 |
|        | 39                              | 48.40                        | 14.54 | 56.30       | 16.38 | 71.90       | 20.66 | 79.00       | 22.70 | 86.50       | 25.00 | 93.30       | 27.20 | 102.2       | 30.98 |
|        | 41                              | 48.40                        | 15.52 | 56.30       | 17.50 | 71.90       | 22.12 | 79.00       | 24.22 | 86.50       | 26.67 | 93.30       | 28.99 | 102.2       | 33.03 |
|        | 43                              | 48.40                        | 16.58 | 56.30       | 18.69 | 71.90       | 23.58 | 79.00       | 25.83 | 86.50       | 28.44 | 93.30       | 30.91 | 102.2       | 35.22 |
|        | 46                              | 48.40                        | 18.34 | 56.30       | 20.78 | 71.90       | 25.99 | 79.00       | 28.34 | 86.50       | 31.05 | 93.30       | 33.54 | 102.2       | 38.05 |
|        | 48                              | 48.40                        | 19.61 | 56.30       | 22.20 | 71.90       | 27.57 | 79.00       | 30.03 | 86.50       | 32.85 | 93.30       | 35.48 | 102.2       | 39.83 |
|        | 50                              | 48.40                        | 21.15 | 56.30       | 23.73 | 71.90       | 29.06 | 79.00       | 31.65 | 86.50       | 34.61 | 93.30       | 36.79 | 102.2       | 41.35 |
|        | 52                              | 48.40                        | 22.70 | 56.30       | 25.35 | 71.90       | 30.20 | 79.00       | 31.72 | 86.50       | 34.32 | 93.30       | 37.67 | 102.2       | 43.46 |
| 50     | 10                              | 12.90                        | 1.00  | 20.50       | 1.42  | 29.10       | 2.00  | 31.10       | 2.12  | 33.30       | 2.28  | 35.50       | 2.42  | 37.80       | 2.60  |
|        | 12                              | 12.90                        | 0.86  | 20.50       | 1.19  | 29.10       | 1.78  | 31.10       | 1.97  | 33.30       | 2.16  | 35.50       | 2.34  | 37.80       | 2.57  |
|        | 14                              | 12.90                        | 0.78  | 20.50       | 1.14  | 29.10       | 1.72  | 31.10       | 1.89  | 33.30       | 2.05  | 35.50       | 2.22  | 37.80       | 2.44  |
|        | 16                              | 12.90                        | 0.75  | 20.50       | 1.10  | 29.10       | 1.65  | 31.10       | 1.78  | 33.30       | 1.96  | 35.50       | 2.13  | 37.80       | 2.30  |
|        | 18                              | 12.90                        | 0.71  | 20.50       | 1.05  | 29.10       | 1.57  | 31.10       | 1.72  | 33.30       | 1.88  | 35.50       | 2.09  | 37.80       | 2.29  |
|        | 20                              | 12.90                        | 0.68  | 20.50       | 1.02  | 29.10       | 1.58  | 31.10       | 1.76  | 33.30       | 1.96  | 35.50       | 2.17  | 37.80       | 2.42  |
|        | 21                              | 14.60                        | 0.70  | 22.10       | 1.11  | 30.80       | 1.77  | 32.80       | 1.98  | 34.70       | 2.18  | 36.90       | 2.41  | 38.90       | 2.75  |
|        | 23                              | 17.90                        | 1.55  | 25.50       | 2.47  | 33.90       | 4.56  | 35.80       | 4.99  | 37.80       | 5.40  | 39.50       | 5.66  | 41.40       | 5.98  |
|        | 25                              | 24.50                        | 4.12  | 28.80       | 4.57  | 37.20       | 5.63  | 39.00       | 5.94  | 40.90       | 6.24  | 42.30       | 6.53  | 44.00       | 6.89  |
|        | 27                              | 25.40                        | 4.58  | 32.20       | 5.41  | 40.60       | 6.66  | 42.30       | 7.00  | 44.00       | 7.38  | 45.30       | 7.67  | 49.20       | 8.40  |
|        | 29                              | 28.60                        | 5.50  | 35.80       | 6.61  | 44.00       | 8.09  | 45.60       | 8.49  | 47.30       | 8.92  | 50.30       | 9.57  | 58.20       | 11.05 |
|        | 31                              | 32.50                        | 6.83  | 39.30       | 8.17  | 47.60       | 10.08 | 49.00       | 10.56 | 53.20       | 11.41 | 59.40       | 12.50 | 67.20       | 14.21 |
|        | 33                              | 36.20                        | 8.79  | 43.10       | 10.41 | 51.20       | 12.03 | 56.30       | 13.13 | 62.70       | 14.40 | 68.60       | 15.66 | 76.10       | 17.69 |
|        | 35                              | 40.30                        | 11.00 | 46.80       | 12.23 | 60.20       | 15.28 | 65.80       | 16.60 | 72.00       | 18.11 | 77.80       | 19.55 | 85.10       | 22.02 |
|        | 37                              | 40.30                        | 11.79 | 46.80       | 13.08 | 60.20       | 16.26 | 65.80       | 17.68 | 72.00       | 19.33 | 77.80       | 20.86 | 85.10       | 23.50 |
|        | 39                              | 40.30                        | 12.48 | 46.80       | 13.90 | 60.20       | 17.37 | 65.80       | 18.86 | 72.00       | 20.64 | 77.80       | 22.28 | 85.10       | 25.20 |
|        | 41                              | 40.30                        | 13.26 | 46.80       | 14.80 | 60.20       | 18.52 | 65.80       | 20.16 | 72.00       | 22.02 | 77.80       | 23.84 | 85.10       | 26.85 |
|        | 43                              | 40.30                        | 14.13 | 46.80       | 15.79 | 60.20       | 19.81 | 65.80       | 21.62 | 72.00       | 23.60 | 77.80       | 25.44 | 85.10       | 28.63 |
|        | 46                              | 40.30                        | 15.58 | 46.80       | 17.51 | 60.20       | 21.97 | 65.80       | 23.84 | 72.00       | 26.02 | 77.80       | 28.01 | 85.10       | 31.40 |
|        | 48                              | 40.30                        | 16.64 | 46.80       | 18.70 | 60.20       | 23.46 | 65.80       | 25.37 | 72.00       | 27.59 | 77.80       | 29.64 | 85.10       | 33.27 |
|        | 50                              | 40.30                        | 17.98 | 46.80       | 20.15 | 60.20       | 25.06 | 65.80       | 27.16 | 72.00       | 29.10 | 77.80       | 31.25 | 85.10       | 35.05 |
|        | 52                              | 40.30                        | 19.24 | 46.80       | 21.61 | 60.20       | 26.76 | 65.80       | 28.89 | 72.00       | 30.27 | 77.80       | 31.45 | 85.10       | 35.12 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM580LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 34.50                        | 2.27  | 55.40       | 3.64  | 78.60       | 5.20  | 84.10       | 5.60  | 89.60       | 5.99  | 95.40       | 6.41  | 101.5       | 6.94  |
|        | 12                         | 34.50                        | 2.27  | 55.40       | 3.66  | 78.60       | 5.25  | 84.10       | 5.65  | 89.60       | 6.05  | 95.40       | 6.47  | 101.5       | 7.00  |
|        | 14                         | 34.50                        | 2.19  | 55.40       | 3.64  | 78.60       | 5.31  | 84.10       | 5.74  | 89.60       | 6.04  | 95.40       | 6.51  | 101.5       | 7.16  |
|        | 16                         | 34.50                        | 2.13  | 55.40       | 3.69  | 78.60       | 5.45  | 84.10       | 5.81  | 89.60       | 6.20  | 95.40       | 6.71  | 101.5       | 7.49  |
|        | 18                         | 34.50                        | 2.16  | 55.40       | 3.75  | 78.60       | 5.65  | 84.10       | 6.11  | 89.60       | 6.60  | 95.40       | 7.20  | 101.5       | 8.25  |
|        | 20                         | 34.50                        | 2.25  | 55.40       | 3.99  | 78.60       | 6.35  | 84.10       | 6.94  | 89.60       | 7.70  | 95.40       | 8.67  | 101.5       | 10.19 |
|        | 21                         | 39.10                        | 2.83  | 59.70       | 5.07  | 82.70       | 8.60  | 88.20       | 9.15  | 93.70       | 9.72  | 98.90       | 10.44 | 104.7       | 11.36 |
|        | 23                         | 48.20                        | 6.67  | 68.50       | 8.52  | 91.40       | 10.81 | 96.60       | 11.31 | 101.8       | 12.21 | 106.4       | 12.85 | 111.6       | 13.95 |
|        | 25                         | 57.70                        | 8.37  | 77.70       | 10.71 | 100.3       | 13.55 | 105.2       | 14.25 | 110.2       | 15.23 | 114.0       | 16.02 | 118.6       | 17.19 |
|        | 27                         | 67.30                        | 10.81 | 87.00       | 13.51 | 109.3       | 17.19 | 113.9       | 18.24 | 118.7       | 19.16 | 121.8       | 19.88 | 132.5       | 22.59 |
|        | 29                         | 77.20                        | 13.95 | 96.30       | 17.02 | 118.6       | 21.44 | 122.9       | 22.39 | 127.4       | 23.42 | 135.2       | 25.24 | 156.7       | 31.63 |
|        | 31                         | 87.30                        | 17.47 | 106.1       | 21.01 | 128.1       | 26.30 | 132.2       | 27.36 | 143.6       | 30.51 | 160.0       | 35.45 | 181.0       | 43.73 |
|        | 33                         | 97.70                        | 21.83 | 116.0       | 25.99 | 138.0       | 32.27 | 151.7       | 36.74 | 168.8       | 42.84 | 184.7       | 49.06 | 205.1       | 59.95 |
|        | 35                         | 108.3                        | 27.34 | 126.4       | 32.15 | 161.8       | 44.94 | 177.1       | 51.42 | 194.1       | 59.52 | 209.2       | 67.09 | 229.1       | 77.46 |
|        | 37                         | 108.3                        | 29.19 | 126.4       | 34.33 | 161.8       | 47.96 | 176.9       | 54.43 | 194.2       | 63.10 | 209.2       | 70.73 | 214.8       | 75.11 |
|        | 39                         | 108.3                        | 31.14 | 126.4       | 36.62 | 161.6       | 49.20 | 177.0       | 56.45 | 194.0       | 65.65 | 201.2       | 69.29 | 198.9       | 69.93 |
|        | 41                         | 108.3                        | 33.24 | 126.4       | 38.39 | 161.7       | 50.84 | 176.9       | 58.44 | 185.8       | 63.26 | 185.7       | 63.27 | 183.6       | 64.11 |
|        | 43                         | 108.3                        | 35.48 | 126.4       | 39.44 | 161.7       | 54.16 | 170.8       | 59.05 | 170.9       | 58.99 | 170.8       | 58.98 | 169.0       | 59.92 |
|        | 46                         | 108.3                        | 38.29 | 126.4       | 42.88 | 150.1       | 54.13 | 149.8       | 54.09 | 150.1       | 54.05 | 149.9       | 54.13 | 148.0       | 54.69 |
|        | 48                         | 108.3                        | 40.58 | 126.5       | 46.96 | 136.9       | 52.17 | 137.1       | 52.29 | 136.8       | 52.12 | 136.6       | 52.10 | 135.1       | 52.73 |
|        | 50                         | 108.5                        | 43.06 | 124.4       | 49.66 | 124.3       | 49.59 | 124.3       | 49.62 | 124.2       | 49.60 | 124.1       | 49.52 | 122.5       | 50.15 |
|        | 52                         | 107.2                        | 45.18 | 109.1       | 43.93 | 110.3       | 42.39 | 110.5       | 42.03 | 110.9       | 41.68 | 111.1       | 41.41 | 110.8       | 41.68 |
| 120    | 10                         | 31.90                        | 2.10  | 51.30       | 3.35  | 72.50       | 4.80  | 77.70       | 5.14  | 82.70       | 5.51  | 88.10       | 5.88  | 93.70       | 6.33  |
|        | 12                         | 31.90                        | 2.10  | 51.30       | 3.35  | 72.50       | 4.83  | 77.70       | 5.19  | 82.70       | 5.56  | 88.10       | 5.94  | 93.70       | 6.42  |
|        | 14                         | 31.90                        | 2.02  | 51.30       | 3.35  | 72.50       | 4.88  | 77.70       | 5.25  | 82.70       | 5.65  | 88.10       | 5.98  | 93.70       | 6.46  |
|        | 16                         | 31.90                        | 1.92  | 51.30       | 3.32  | 72.50       | 4.97  | 77.70       | 5.37  | 82.70       | 5.70  | 88.10       | 6.05  | 93.70       | 6.68  |
|        | 18                         | 31.90                        | 1.94  | 51.30       | 3.40  | 72.50       | 5.18  | 77.70       | 5.57  | 82.70       | 5.95  | 88.10       | 6.42  | 93.70       | 7.20  |
|        | 20                         | 31.90                        | 2.00  | 51.30       | 3.60  | 72.50       | 5.70  | 77.70       | 6.26  | 82.70       | 6.75  | 88.10       | 7.47  | 93.70       | 8.82  |
|        | 21                         | 36.00                        | 2.49  | 55.10       | 4.46  | 76.50       | 7.63  | 81.50       | 8.44  | 86.40       | 8.95  | 91.40       | 9.51  | 96.80       | 10.40 |
|        | 23                         | 44.60                        | 6.28  | 63.30       | 7.99  | 84.40       | 10.08 | 89.10       | 10.58 | 93.90       | 11.01 | 98.30       | 11.68 | 103.0       | 12.62 |
|        | 25                         | 53.30                        | 7.78  | 71.70       | 9.95  | 92.50       | 12.54 | 97.10       | 13.16 | 101.7       | 13.69 | 105.3       | 14.47 | 109.4       | 15.52 |
|        | 27                         | 62.10                        | 9.98  | 80.30       | 12.50 | 100.9       | 15.85 | 105.2       | 16.44 | 109.6       | 17.38 | 112.5       | 17.93 | 122.4       | 20.45 |
|        | 29                         | 71.30                        | 12.93 | 89.00       | 15.70 | 109.5       | 19.54 | 113.4       | 20.35 | 117.7       | 21.25 | 125.0       | 22.83 | 144.7       | 28.33 |
|        | 31                         | 80.60                        | 16.18 | 98.00       | 19.25 | 118.3       | 23.84 | 122.1       | 24.74 | 132.5       | 27.45 | 147.7       | 31.71 | 167.0       | 38.79 |
|        | 33                         | 90.20                        | 20.04 | 107.3       | 23.64 | 127.3       | 29.09 | 140.1       | 32.95 | 156.0       | 38.16 | 170.5       | 43.44 | 189.4       | 52.58 |
|        | 35                         | 100.0                        | 24.93 | 116.8       | 29.10 | 149.3       | 40.10 | 163.5       | 45.61 | 179.2       | 52.39 | 193.2       | 59.07 | 211.7       | 69.76 |
|        | 37                         | 100.0                        | 26.60 | 116.8       | 31.08 | 149.3       | 42.79 | 163.5       | 48.71 | 179.2       | 55.45 | 193.1       | 62.60 | 211.7       | 73.61 |
|        | 39                         | 100.0                        | 28.40 | 116.8       | 33.16 | 149.3       | 44.51 | 163.3       | 49.97 | 179.2       | 57.52 | 193.1       | 65.12 | 198.9       | 70.01 |
|        | 41                         | 100.0                        | 30.30 | 116.8       | 35.40 | 149.3       | 45.31 | 163.3       | 51.66 | 179.2       | 59.61 | 185.6       | 63.28 | 183.6       | 64.11 |
|        | 43                         | 100.0                        | 32.35 | 116.8       | 36.80 | 149.3       | 48.18 | 163.5       | 55.02 | 170.9       | 59.02 | 171.0       | 59.03 | 168.7       | 59.75 |
|        | 46                         | 100.0                        | 35.70 | 116.6       | 38.81 | 149.3       | 53.69 | 150.1       | 54.12 | 149.8       | 54.07 | 149.8       | 54.04 | 148.3       | 54.78 |
|        | 48                         | 100.0                        | 37.72 | 116.8       | 42.52 | 137.1       | 52.24 | 136.9       | 52.20 | 136.6       | 52.16 | 136.6       | 52.07 | 135.1       | 52.83 |
|        | 50                         | 100.0                        | 39.73 | 116.8       | 45.81 | 124.3       | 49.60 | 124.2       | 49.55 | 124.5       | 49.76 | 124.1       | 49.59 | 122.8       | 50.15 |
|        | 52                         | 100.0                        | 41.27 | 108.8       | 44.58 | 109.9       | 42.98 | 110.1       | 42.68 | 110.3       | 42.35 | 110.5       | 42.08 | 110.3       | 42.48 |
| 110    | 10                         | 29.30                        | 1.91  | 47.00       | 3.07  | 66.40       | 4.38  | 71.10       | 4.71  | 75.70       | 5.03  | 80.70       | 5.37  | 85.80       | 5.77  |
|        | 12                         | 29.30                        | 1.91  | 47.00       | 3.07  | 66.40       | 4.41  | 71.10       | 4.74  | 75.70       | 5.06  | 80.70       | 5.42  | 85.80       | 5.85  |
|        | 14                         | 29.30                        | 1.82  | 47.00       | 3.01  | 66.40       | 4.43  | 71.10       | 4.78  | 75.70       | 5.12  | 80.70       | 5.48  | 85.80       | 5.94  |
|        | 16                         | 29.30                        | 1.73  | 47.00       | 2.98  | 66.40       | 4.51  | 71.10       | 4.86  | 75.70       | 5.23  | 80.70       | 5.56  | 85.80       | 6.05  |
|        | 18                         | 29.30                        | 1.71  | 47.00       | 3.04  | 66.40       | 4.67  | 71.10       | 5.07  | 75.70       | 5.40  | 80.70       | 5.83  | 85.80       | 6.41  |
|        | 20                         | 29.30                        | 1.77  | 47.00       | 3.18  | 66.40       | 5.07  | 71.10       | 5.56  | 75.70       | 6.04  | 80.70       | 6.56  | 85.80       | 7.51  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 33.10                        | 2.16  | 50.50       | 3.90  | 70.10       | 6.56  | 74.50       | 7.34  | 79.20       | 8.08  | 83.80       | 8.68  | 88.70       | 9.39  |
|        | 23                              | 40.90                        | 5.83  | 58.00       | 7.47  | 77.40       | 9.38  | 81.70       | 9.78  | 86.10       | 10.23 | 90.00       | 10.60 | 94.30       | 11.32 |
|        | 25                              | 48.70                        | 7.24  | 65.60       | 9.11  | 84.90       | 11.55 | 89.00       | 12.08 | 93.10       | 12.53 | 96.60       | 12.98 | 100.3       | 13.89 |
|        | 27                              | 56.90                        | 9.08  | 73.40       | 11.54 | 92.50       | 14.40 | 96.30       | 14.95 | 100.4       | 15.63 | 103.0       | 16.01 | 112.0       | 18.33 |
|        | 29                              | 65.30                        | 11.86 | 81.50       | 14.40 | 100.4       | 17.78 | 104.1       | 18.45 | 107.9       | 19.23 | 114.3       | 20.57 | 132.5       | 25.19 |
|        | 31                              | 73.90                        | 14.93 | 89.70       | 17.58 | 108.5       | 21.52 | 111.9       | 22.30 | 121.5       | 24.62 | 135.4       | 28.22 | 153.1       | 34.24 |
|        | 33                              | 82.60                        | 18.35 | 98.30       | 21.44 | 116.6       | 26.11 | 128.4       | 29.41 | 143.0       | 33.85 | 156.1       | 38.30 | 173.4       | 45.93 |
|        | 35                              | 91.70                        | 22.64 | 107.0       | 26.24 | 136.9       | 35.64 | 149.9       | 40.30 | 164.2       | 45.95 | 177.0       | 51.47 | 193.8       | 61.37 |
|        | 37                              | 91.70                        | 24.17 | 107.0       | 28.01 | 136.9       | 38.04 | 149.9       | 43.01 | 164.2       | 49.07 | 177.0       | 54.99 | 194.0       | 65.14 |
|        | 39                              | 91.70                        | 25.79 | 107.0       | 29.90 | 136.9       | 40.58 | 149.9       | 44.99 | 164.2       | 50.39 | 176.9       | 56.48 | 194.0       | 67.52 |
|        | 41                              | 91.70                        | 27.53 | 107.0       | 31.92 | 136.9       | 41.95 | 149.9       | 45.68 | 164.4       | 52.05 | 176.9       | 58.49 | 183.6       | 64.19 |
|        | 43                              | 91.70                        | 29.41 | 107.0       | 34.08 | 136.9       | 42.79 | 149.7       | 48.42 | 164.4       | 55.45 | 170.8       | 59.07 | 169.0       | 59.88 |
|        | 46                              | 91.70                        | 32.46 | 107.0       | 36.12 | 136.7       | 47.57 | 149.7       | 53.95 | 150.0       | 54.12 | 149.9       | 54.10 | 148.1       | 54.79 |
|        | 48                              | 91.70                        | 34.65 | 107.0       | 38.36 | 136.6       | 52.02 | 136.6       | 52.10 | 137.1       | 52.22 | 136.7       | 52.14 | 134.9       | 52.75 |
|        | 50                              | 91.70                        | 36.71 | 106.8       | 41.33 | 124.2       | 49.67 | 124.3       | 49.65 | 124.2       | 49.62 | 124.2       | 49.58 | 122.8       | 50.14 |
|        | 52                              | 91.90                        | 37.49 | 106.8       | 44.33 | 109.4       | 43.78 | 109.5       | 43.45 | 109.7       | 43.11 | 109.3       | 42.83 | 109.8       | 42.96 |
| 100    | 10                              | 26.70                        | 1.74  | 42.60       | 2.79  | 60.30       | 3.98  | 64.70       | 4.26  | 69.00       | 4.55  | 73.40       | 4.86  | 78.00       | 5.23  |
|        | 12                              | 26.70                        | 1.72  | 42.60       | 2.79  | 60.30       | 3.98  | 64.70       | 4.29  | 69.00       | 4.58  | 73.40       | 4.89  | 78.00       | 5.28  |
|        | 14                              | 26.70                        | 1.64  | 42.60       | 2.70  | 60.30       | 3.97  | 64.70       | 4.30  | 69.00       | 4.63  | 73.40       | 4.94  | 78.00       | 5.34  |
|        | 16                              | 26.70                        | 1.54  | 42.60       | 2.61  | 60.30       | 3.99  | 64.70       | 4.37  | 69.00       | 4.69  | 73.40       | 5.05  | 78.00       | 5.50  |
|        | 18                              | 26.70                        | 1.49  | 42.60       | 2.67  | 60.30       | 4.11  | 64.70       | 4.48  | 69.00       | 4.88  | 73.40       | 5.23  | 78.00       | 5.74  |
|        | 20                              | 26.70                        | 1.54  | 42.60       | 2.78  | 60.30       | 4.44  | 64.70       | 4.88  | 69.00       | 5.30  | 73.40       | 5.79  | 78.00       | 6.60  |
|        | 21                              | 30.10                        | 1.87  | 46.10       | 3.33  | 63.80       | 5.59  | 67.90       | 6.24  | 71.90       | 6.90  | 76.30       | 7.59  | 80.60       | 8.73  |
|        | 23                              | 37.10                        | 5.42  | 52.80       | 6.87  | 70.40       | 8.63  | 74.30       | 9.07  | 78.30       | 9.45  | 81.80       | 9.82  | 85.80       | 10.42 |
|        | 25                              | 44.40                        | 6.60  | 59.70       | 8.38  | 77.10       | 10.61 | 80.90       | 11.11 | 84.70       | 11.52 | 87.80       | 11.87 | 91.10       | 12.54 |
|        | 27                              | 51.70                        | 8.27  | 66.90       | 10.52 | 84.10       | 13.07 | 87.60       | 13.62 | 91.30       | 14.21 | 93.70       | 14.62 | 101.8       | 16.26 |
|        | 29                              | 59.20                        | 10.71 | 74.20       | 13.13 | 91.30       | 16.10 | 94.50       | 16.69 | 98.00       | 17.36 | 104.1       | 18.48 | 120.6       | 22.42 |
|        | 31                              | 67.10                        | 13.72 | 81.70       | 16.01 | 98.60       | 19.37 | 101.8       | 20.02 | 110.5       | 21.99 | 123.0       | 25.01 | 139.2       | 30.05 |
|        | 33                              | 75.10                        | 16.76 | 89.30       | 19.39 | 106.1       | 23.36 | 116.8       | 26.13 | 129.9       | 29.85 | 142.1       | 33.58 | 157.8       | 39.95 |
|        | 35                              | 83.30                        | 20.53 | 97.20       | 23.56 | 124.4       | 31.50 | 136.3       | 35.39 | 149.3       | 40.13 | 161.0       | 44.64 | 176.3       | 52.70 |
|        | 37                              | 83.30                        | 21.87 | 97.20       | 25.15 | 124.4       | 33.63 | 136.3       | 37.79 | 149.3       | 42.81 | 161.0       | 47.66 | 176.3       | 56.33 |
|        | 39                              | 83.30                        | 23.33 | 97.20       | 26.83 | 124.4       | 35.90 | 136.3       | 40.34 | 149.3       | 45.19 | 161.0       | 49.19 | 176.3       | 57.89 |
|        | 41                              | 83.30                        | 24.92 | 97.20       | 28.65 | 124.4       | 38.30 | 136.3       | 42.05 | 149.3       | 46.03 | 161.0       | 50.52 | 176.3       | 59.98 |
|        | 43                              | 83.30                        | 26.62 | 97.20       | 30.61 | 124.4       | 39.56 | 136.3       | 42.99 | 149.1       | 48.24 | 161.0       | 53.79 | 169.2       | 59.88 |
|        | 46                              | 83.30                        | 29.40 | 97.20       | 33.25 | 124.2       | 42.01 | 136.2       | 47.26 | 149.4       | 53.67 | 150.3       | 54.11 | 148.1       | 54.74 |
|        | 48                              | 83.30                        | 31.39 | 97.20       | 35.29 | 124.4       | 45.99 | 136.1       | 51.78 | 137.0       | 52.19 | 136.9       | 52.13 | 135.2       | 52.75 |
|        | 50                              | 83.30                        | 33.54 | 97.20       | 37.18 | 124.1       | 49.50 | 124.5       | 49.67 | 124.3       | 49.61 | 124.4       | 49.64 | 122.6       | 50.11 |
|        | 52                              | 83.30                        | 34.60 | 97.10       | 39.38 | 108.5       | 44.66 | 109.0       | 44.19 | 109.3       | 43.67 | 109.7       | 43.21 | 109.6       | 43.30 |
| 90     | 10                              | 24.00                        | 1.56  | 38.30       | 2.50  | 54.30       | 3.56  | 58.20       | 3.83  | 62.10       | 4.09  | 66.10       | 4.35  | 70.20       | 4.69  |
|        | 12                              | 24.00                        | 1.50  | 38.30       | 2.50  | 54.30       | 3.58  | 58.20       | 3.84  | 62.10       | 4.09  | 66.10       | 4.38  | 70.20       | 4.72  |
|        | 14                              | 24.00                        | 1.42  | 38.30       | 2.39  | 54.30       | 3.49  | 58.20       | 3.83  | 62.10       | 4.11  | 66.10       | 4.41  | 70.20       | 4.77  |
|        | 16                              | 24.00                        | 1.36  | 38.30       | 2.25  | 54.30       | 3.48  | 58.20       | 3.82  | 62.10       | 4.16  | 66.10       | 4.49  | 70.20       | 4.87  |
|        | 18                              | 24.00                        | 1.28  | 38.30       | 2.28  | 54.30       | 3.57  | 58.20       | 3.91  | 62.10       | 4.26  | 66.10       | 4.64  | 70.20       | 5.05  |
|        | 20                              | 24.00                        | 1.32  | 38.30       | 2.38  | 54.30       | 3.82  | 58.20       | 4.22  | 62.10       | 4.59  | 66.10       | 5.02  | 70.20       | 5.69  |
|        | 21                              | 27.00                        | 1.58  | 41.40       | 2.82  | 57.40       | 4.68  | 61.10       | 5.20  | 64.70       | 5.78  | 68.70       | 6.35  | 72.50       | 7.63  |
|        | 23                              | 33.40                        | 4.97  | 47.50       | 6.30  | 63.20       | 7.91  | 66.90       | 8.29  | 70.50       | 8.69  | 73.70       | 9.01  | 77.20       | 9.52  |
|        | 25                              | 40.00                        | 6.03  | 53.70       | 7.60  | 69.30       | 9.53  | 72.80       | 10.07 | 76.30       | 10.54 | 78.90       | 10.91 | 82.10       | 11.44 |
|        | 27                              | 46.70                        | 7.44  | 60.10       | 9.38  | 75.70       | 11.83 | 78.80       | 12.30 | 82.10       | 12.78 | 84.40       | 13.12 | 91.70       | 14.61 |
|        | 29                              | 53.40                        | 9.49  | 66.70       | 11.94 | 82.10       | 14.50 | 85.00       | 15.01 | 88.20       | 15.58 | 93.70       | 16.55 | 108.5       | 19.82 |
|        | 31                              | 60.60                        | 12.49 | 73.40       | 14.54 | 88.70       | 17.35 | 91.60       | 17.91 | 99.50       | 19.54 | 110.8       | 22.05 | 125.3       | 26.24 |
|        | 33                              | 67.60                        | 15.25 | 80.30       | 17.48 | 95.40       | 20.79 | 105.0       | 23.11 | 116.9       | 26.19 | 127.9       | 29.26 | 142.0       | 34.48 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 75.10                        | 18.51 | 87.60       | 21.06 | 111.9       | 27.68 | 122.6       | 30.92 | 134.3       | 34.78 | 145.0       | 38.48 | 158.6       | 45.01 |
|        | 37                              | 75.10                        | 19.71 | 87.60       | 22.46 | 111.9       | 29.54 | 122.6       | 32.99 | 134.3       | 37.12 | 145.0       | 41.08 | 158.6       | 48.07 |
|        | 39                              | 75.10                        | 21.04 | 87.60       | 23.97 | 111.9       | 31.55 | 122.6       | 35.23 | 134.3       | 39.62 | 145.0       | 43.85 | 158.6       | 50.71 |
|        | 41                              | 75.10                        | 22.44 | 87.60       | 25.59 | 111.9       | 33.68 | 122.6       | 37.60 | 134.3       | 41.78 | 145.0       | 45.07 | 158.6       | 51.71 |
|        | 43                              | 75.10                        | 23.99 | 87.60       | 27.35 | 111.9       | 35.96 | 122.6       | 39.24 | 134.3       | 42.93 | 145.0       | 46.23 | 158.6       | 54.28 |
|        | 46                              | 75.10                        | 26.50 | 87.60       | 30.18 | 111.9       | 38.09 | 122.4       | 41.23 | 134.5       | 46.41 | 144.8       | 51.47 | 148.3       | 54.75 |
|        | 48                              | 75.10                        | 28.30 | 87.60       | 32.26 | 112.0       | 40.44 | 122.4       | 45.13 | 134.3       | 50.88 | 136.9       | 52.20 | 135.4       | 52.86 |
|        | 50                              | 75.10                        | 30.27 | 87.60       | 34.00 | 112.0       | 43.58 | 122.5       | 48.68 | 124.3       | 49.61 | 124.4       | 49.63 | 123.0       | 50.22 |
|        | 52                              | 75.10                        | 32.36 | 87.60       | 34.73 | 108.3       | 45.17 | 108.7       | 44.66 | 109.1       | 44.12 | 109.3       | 43.63 | 109.3       | 43.79 |
| 80     | 10                              | 21.20                        | 1.39  | 34.20       | 2.22  | 48.40       | 3.16  | 51.60       | 3.39  | 55.10       | 3.61  | 58.60       | 3.86  | 62.40       | 4.15  |
|        | 12                              | 21.20                        | 1.27  | 34.20       | 2.21  | 48.40       | 3.16  | 51.60       | 3.41  | 55.10       | 3.63  | 58.60       | 3.87  | 62.40       | 4.17  |
|        | 14                              | 21.20                        | 1.22  | 34.20       | 2.09  | 48.40       | 3.07  | 51.60       | 3.30  | 55.10       | 3.55  | 58.60       | 3.86  | 62.40       | 4.17  |
|        | 16                              | 21.20                        | 1.17  | 34.20       | 1.97  | 48.40       | 2.96  | 51.60       | 3.26  | 55.10       | 3.57  | 58.60       | 3.88  | 62.40       | 4.24  |
|        | 18                              | 21.20                        | 1.13  | 34.20       | 1.93  | 48.40       | 3.03  | 51.60       | 3.34  | 55.10       | 3.65  | 58.60       | 3.97  | 62.40       | 4.38  |
|        | 20                              | 21.20                        | 1.10  | 34.20       | 2.00  | 48.40       | 3.20  | 51.60       | 3.54  | 55.10       | 3.90  | 58.60       | 4.25  | 62.40       | 4.81  |
|        | 21                              | 24.10                        | 1.32  | 36.80       | 2.32  | 51.00       | 3.84  | 54.20       | 4.27  | 57.70       | 4.74  | 60.90       | 5.21  | 64.60       | 6.20  |
|        | 23                              | 30.30                        | 4.59  | 42.30       | 5.71  | 56.20       | 7.13  | 59.40       | 7.55  | 62.60       | 7.88  | 65.50       | 8.17  | 68.70       | 8.68  |
|        | 25                              | 35.40                        | 5.42  | 47.80       | 6.80  | 61.70       | 8.55  | 64.70       | 8.95  | 67.80       | 9.43  | 70.20       | 9.80  | 73.10       | 10.33 |
|        | 27                              | 41.40                        | 6.69  | 53.40       | 8.33  | 67.30       | 10.54 | 70.10       | 11.00 | 73.00       | 11.46 | 74.90       | 11.74 | 81.50       | 12.98 |
|        | 29                              | 47.50                        | 8.43  | 59.40       | 10.50 | 73.00       | 12.93 | 75.70       | 13.38 | 78.50       | 13.86 | 83.20       | 14.70 | 96.60       | 17.45 |
|        | 31                              | 53.70                        | 10.97 | 65.30       | 13.10 | 78.80       | 15.50 | 81.20       | 15.95 | 88.40       | 17.29 | 98.40       | 19.34 | 111.4       | 22.75 |
|        | 33                              | 60.00                        | 13.72 | 71.60       | 15.67 | 84.90       | 18.41 | 93.40       | 20.31 | 103.8       | 22.83 | 113.5       | 25.32 | 126.4       | 29.54 |
|        | 35                              | 66.70                        | 16.62 | 77.80       | 18.73 | 99.50       | 24.17 | 109.0       | 26.80 | 119.4       | 29.96 | 128.8       | 32.93 | 141.2       | 38.18 |
|        | 37                              | 66.70                        | 17.68 | 77.80       | 19.96 | 99.50       | 25.80 | 109.0       | 28.62 | 119.4       | 31.96 | 128.8       | 35.14 | 141.2       | 40.75 |
|        | 39                              | 66.70                        | 18.86 | 77.80       | 21.29 | 99.50       | 27.53 | 109.0       | 30.55 | 119.4       | 34.11 | 128.8       | 37.51 | 141.2       | 43.48 |
|        | 41                              | 66.70                        | 20.13 | 77.80       | 22.73 | 99.50       | 29.40 | 109.0       | 32.62 | 119.4       | 36.42 | 128.8       | 40.04 | 141.2       | 46.02 |
|        | 43                              | 66.70                        | 21.50 | 77.80       | 24.29 | 99.50       | 31.39 | 109.0       | 34.79 | 119.4       | 38.49 | 128.8       | 41.48 | 141.2       | 47.32 |
|        | 46                              | 66.70                        | 23.74 | 77.80       | 26.83 | 99.50       | 34.28 | 109.0       | 37.33 | 119.4       | 40.55 | 128.8       | 43.95 | 141.0       | 51.05 |
|        | 48                              | 66.70                        | 25.41 | 77.80       | 28.69 | 99.50       | 36.36 | 109.0       | 39.58 | 119.5       | 43.74 | 128.7       | 48.11 | 135.4       | 52.85 |
|        | 50                              | 66.70                        | 27.18 | 77.80       | 30.66 | 99.50       | 38.14 | 108.8       | 42.21 | 119.4       | 47.14 | 124.5       | 49.66 | 122.6       | 50.16 |
|        | 52                              | 66.70                        | 29.07 | 77.80       | 31.62 | 99.50       | 40.42 | 107.6       | 44.61 | 108.7       | 44.73 | 108.9       | 44.24 | 108.9       | 44.37 |
| 70     | 10                              | 18.60                        | 1.22  | 29.90       | 1.93  | 42.30       | 2.76  | 45.30       | 2.96  | 48.20       | 3.16  | 51.30       | 3.36  | 54.50       | 3.61  |
|        | 12                              | 18.60                        | 1.08  | 29.90       | 1.84  | 42.30       | 2.76  | 45.30       | 2.96  | 48.20       | 3.16  | 51.30       | 3.38  | 54.50       | 3.64  |
|        | 14                              | 18.60                        | 1.05  | 29.90       | 1.78  | 42.30       | 2.62  | 45.30       | 2.84  | 48.20       | 3.07  | 51.30       | 3.28  | 54.50       | 3.55  |
|        | 16                              | 18.60                        | 1.00  | 29.90       | 1.68  | 42.30       | 2.50  | 45.30       | 2.72  | 48.20       | 2.98  | 51.30       | 3.23  | 54.50       | 3.54  |
|        | 18                              | 18.60                        | 0.96  | 29.90       | 1.62  | 42.30       | 2.49  | 45.30       | 2.75  | 48.20       | 3.03  | 51.30       | 3.31  | 54.50       | 3.66  |
|        | 20                              | 18.60                        | 0.93  | 29.90       | 1.64  | 42.30       | 2.61  | 45.30       | 2.91  | 48.20       | 3.20  | 51.30       | 3.51  | 54.50       | 3.96  |
|        | 21                              | 21.10                        | 1.07  | 32.20       | 1.88  | 44.60       | 3.05  | 47.50       | 3.42  | 50.40       | 3.79  | 53.30       | 4.17  | 56.30       | 4.88  |
|        | 23                              | 26.10                        | 3.78  | 36.90       | 5.12  | 49.30       | 6.33  | 51.90       | 6.70  | 54.80       | 7.04  | 57.40       | 7.32  | 60.00       | 7.77  |
|        | 25                              | 31.00                        | 4.87  | 41.80       | 6.07  | 53.90       | 7.56  | 56.60       | 7.96  | 59.20       | 8.31  | 61.50       | 8.64  | 63.80       | 9.12  |
|        | 27                              | 36.20                        | 5.89  | 46.70       | 7.33  | 58.80       | 9.11  | 61.40       | 9.60  | 63.80       | 10.14 | 65.60       | 10.42 | 71.30       | 11.47 |
|        | 29                              | 41.70                        | 7.34  | 51.90       | 9.11  | 63.80       | 11.40 | 66.20       | 11.83 | 68.70       | 12.23 | 72.80       | 12.91 | 84.40       | 15.24 |
|        | 31                              | 47.00                        | 9.41  | 57.20       | 11.65 | 69.00       | 13.74 | 71.10       | 14.13 | 77.20       | 15.22 | 86.10       | 16.87 | 97.40       | 19.59 |
|        | 33                              | 52.70                        | 12.11 | 62.40       | 13.91 | 74.20       | 16.20 | 81.80       | 17.73 | 90.80       | 19.75 | 99.40       | 21.72 | 110.5       | 25.10 |
|        | 35                              | 58.50                        | 14.77 | 68.00       | 16.56 | 87.00       | 20.95 | 95.40       | 23.05 | 104.4       | 25.55 | 112.6       | 27.90 | 123.3       | 32.06 |
|        | 37                              | 58.50                        | 15.70 | 68.00       | 17.63 | 87.00       | 22.32 | 95.40       | 24.59 | 104.4       | 27.28 | 112.6       | 29.77 | 123.3       | 34.20 |
|        | 39                              | 58.50                        | 16.72 | 68.00       | 18.80 | 87.00       | 23.85 | 95.40       | 26.26 | 104.4       | 29.10 | 112.6       | 31.78 | 123.3       | 36.49 |
|        | 41                              | 58.50                        | 17.85 | 68.00       | 20.08 | 87.00       | 25.45 | 95.40       | 28.05 | 104.4       | 31.08 | 112.6       | 33.94 | 123.3       | 38.95 |
|        | 43                              | 58.50                        | 19.10 | 68.00       | 21.45 | 87.00       | 27.19 | 95.40       | 29.94 | 104.4       | 33.16 | 112.6       | 36.21 | 123.3       | 41.56 |
|        | 46                              | 58.50                        | 21.12 | 68.00       | 23.69 | 87.00       | 30.04 | 95.40       | 33.04 | 104.4       | 36.08 | 112.6       | 38.79 | 123.3       | 43.97 |
|        | 48                              | 58.50                        | 22.62 | 68.00       | 25.34 | 87.00       | 32.09 | 95.40       | 35.29 | 104.4       | 38.27 | 112.6       | 41.11 | 123.5       | 46.81 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 58.50                        | 24.25 | 68.00       | 27.12 | 87.00       | 34.26 | 95.40       | 37.00 | 104.5       | 40.26 | 112.8       | 43.95 | 122.8       | 50.21 |
|        | 52                              | 58.50                        | 25.96 | 68.00       | 28.99 | 87.00       | 34.98 | 95.40       | 38.23 | 104.4       | 42.99 | 108.6       | 45.06 | 108.3       | 45.18 |
| 60     | 10                              | 16.00                        | 1.07  | 25.50       | 1.65  | 36.30       | 2.36  | 38.80       | 2.53  | 41.40       | 2.70  | 44.10       | 2.87  | 46.70       | 3.10  |
|        | 12                              | 16.00                        | 0.93  | 25.50       | 1.50  | 36.30       | 2.27  | 38.80       | 2.51  | 41.40       | 2.70  | 44.10       | 2.87  | 46.70       | 3.10  |
|        | 14                              | 16.00                        | 0.90  | 25.50       | 1.45  | 36.30       | 2.19  | 38.80       | 2.38  | 41.40       | 2.58  | 44.10       | 2.76  | 46.70       | 2.99  |
|        | 16                              | 16.00                        | 0.87  | 25.50       | 1.39  | 36.30       | 2.08  | 38.80       | 2.25  | 41.40       | 2.44  | 44.10       | 2.61  | 46.70       | 2.88  |
|        | 18                              | 16.00                        | 0.84  | 25.50       | 1.34  | 36.30       | 2.01  | 38.80       | 2.22  | 41.40       | 2.42  | 44.10       | 2.67  | 46.70       | 2.92  |
|        | 20                              | 16.00                        | 0.79  | 25.50       | 1.32  | 36.30       | 2.07  | 38.80       | 2.31  | 41.40       | 2.55  | 44.10       | 2.80  | 46.70       | 3.14  |
|        | 21                              | 18.00                        | 0.88  | 27.50       | 1.47  | 38.30       | 2.38  | 40.60       | 2.63  | 43.20       | 2.94  | 45.80       | 3.22  | 48.40       | 3.75  |
|        | 23                              | 22.30                        | 2.53  | 31.60       | 4.06  | 42.30       | 5.55  | 44.60       | 5.88  | 47.00       | 6.19  | 49.00       | 6.43  | 51.60       | 6.84  |
|        | 25                              | 28.50                        | 4.54  | 35.90       | 5.31  | 46.40       | 6.51  | 48.40       | 6.88  | 50.80       | 7.22  | 52.70       | 7.54  | 54.80       | 7.93  |
|        | 27                              | 31.10                        | 5.19  | 40.00       | 6.31  | 50.50       | 7.79  | 52.50       | 8.22  | 54.80       | 8.59  | 56.20       | 8.93  | 61.20       | 9.82  |
|        | 29                              | 35.70                        | 6.35  | 44.40       | 7.74  | 54.80       | 9.57  | 56.80       | 10.11 | 58.90       | 10.64 | 62.40       | 11.27 | 72.40       | 13.11 |
|        | 31                              | 40.30                        | 8.04  | 49.00       | 9.84  | 59.20       | 12.05 | 60.90       | 12.38 | 66.40       | 13.28 | 73.90       | 14.59 | 83.50       | 16.73 |
|        | 33                              | 45.20                        | 10.40 | 53.60       | 12.21 | 63.80       | 14.11 | 70.10       | 15.38 | 78.00       | 16.98 | 85.20       | 18.49 | 94.70       | 21.10 |
|        | 35                              | 50.20                        | 12.83 | 58.30       | 14.43 | 74.60       | 18.01 | 81.70       | 19.64 | 89.60       | 21.57 | 96.50       | 23.39 | 105.8       | 26.58 |
|        | 37                              | 50.20                        | 13.60 | 58.30       | 15.33 | 74.60       | 19.18 | 81.70       | 20.95 | 89.60       | 23.02 | 96.50       | 24.95 | 105.8       | 28.35 |
|        | 39                              | 50.20                        | 14.55 | 58.30       | 16.35 | 74.60       | 20.48 | 81.70       | 22.34 | 89.60       | 24.56 | 96.50       | 26.65 | 105.8       | 30.27 |
|        | 41                              | 50.20                        | 15.50 | 58.30       | 17.43 | 74.60       | 21.85 | 81.70       | 23.87 | 89.60       | 26.23 | 96.50       | 28.45 | 105.8       | 32.32 |
|        | 43                              | 50.20                        | 16.55 | 58.30       | 18.65 | 74.60       | 23.34 | 81.70       | 25.50 | 89.60       | 28.00 | 96.50       | 30.38 | 105.8       | 34.51 |
|        | 46                              | 50.20                        | 18.31 | 58.30       | 20.67 | 74.60       | 25.80 | 81.70       | 28.16 | 89.60       | 30.93 | 96.50       | 33.52 | 105.8       | 38.06 |
|        | 48                              | 50.20                        | 19.61 | 58.30       | 22.15 | 74.60       | 27.59 | 81.70       | 30.10 | 89.60       | 33.02 | 96.50       | 35.77 | 105.8       | 40.19 |
|        | 50                              | 50.20                        | 21.07 | 58.30       | 23.75 | 74.60       | 29.48 | 81.70       | 32.15 | 89.60       | 35.27 | 96.50       | 37.64 | 105.8       | 42.32 |
|        | 52                              | 50.20                        | 22.67 | 58.30       | 25.46 | 74.60       | 31.49 | 81.70       | 33.17 | 89.60       | 36.03 | 96.50       | 38.74 | 105.8       | 44.45 |
| 50     | 10                              | 13.30                        | 1.09  | 21.20       | 1.39  | 30.20       | 1.96  | 32.20       | 2.08  | 34.50       | 2.23  | 36.80       | 2.39  | 39.10       | 2.56  |
|        | 12                              | 13.30                        | 0.94  | 21.20       | 1.22  | 30.20       | 1.78  | 32.20       | 1.98  | 34.50       | 2.15  | 36.80       | 2.33  | 39.10       | 2.54  |
|        | 14                              | 13.30                        | 0.88  | 21.20       | 1.17  | 30.20       | 1.72  | 32.20       | 1.90  | 34.50       | 2.04  | 36.80       | 2.21  | 39.10       | 2.43  |
|        | 16                              | 13.30                        | 0.85  | 21.20       | 1.14  | 30.20       | 1.67  | 32.20       | 1.79  | 34.50       | 1.95  | 36.80       | 2.12  | 39.10       | 2.30  |
|        | 18                              | 13.30                        | 0.80  | 21.20       | 1.09  | 30.20       | 1.59  | 32.20       | 1.73  | 34.50       | 1.88  | 36.80       | 2.06  | 39.10       | 2.25  |
|        | 20                              | 13.30                        | 0.77  | 21.20       | 1.06  | 30.20       | 1.57  | 32.20       | 1.74  | 34.50       | 1.94  | 36.80       | 2.13  | 39.10       | 2.38  |
|        | 21                              | 15.10                        | 0.76  | 22.90       | 1.14  | 31.90       | 1.77  | 33.90       | 1.96  | 36.00       | 2.17  | 38.20       | 2.39  | 40.30       | 2.71  |
|        | 23                              | 18.50                        | 1.67  | 26.40       | 2.58  | 35.10       | 4.74  | 37.10       | 5.01  | 39.10       | 5.30  | 40.90       | 5.56  | 42.90       | 5.84  |
|        | 25                              | 27.30                        | 4.40  | 30.20       | 4.63  | 38.60       | 5.54  | 40.40       | 5.82  | 42.30       | 6.12  | 43.80       | 6.37  | 45.60       | 6.73  |
|        | 27                              | 27.00                        | 4.75  | 33.40       | 5.40  | 42.10       | 6.54  | 43.80       | 6.88  | 45.60       | 7.24  | 46.90       | 7.50  | 51.00       | 8.18  |
|        | 29                              | 29.60                        | 5.54  | 37.10       | 6.56  | 45.60       | 7.94  | 47.30       | 8.30  | 49.00       | 8.71  | 52.10       | 9.36  | 60.30       | 10.85 |
|        | 31                              | 33.60                        | 6.83  | 40.70       | 8.08  | 49.30       | 9.89  | 50.80       | 10.43 | 55.10       | 11.32 | 61.50       | 12.47 | 69.60       | 14.14 |
|        | 33                              | 37.40                        | 8.73  | 44.60       | 10.32 | 53.10       | 12.03 | 58.30       | 13.10 | 64.90       | 14.37 | 71.00       | 15.56 | 78.90       | 17.54 |
|        | 35                              | 41.70                        | 11.07 | 48.50       | 12.24 | 62.30       | 15.27 | 68.10       | 16.57 | 74.60       | 18.01 | 80.50       | 19.35 | 88.20       | 21.73 |
|        | 37                              | 41.70                        | 11.83 | 48.50       | 13.10 | 62.30       | 16.24 | 68.10       | 17.64 | 74.60       | 19.20 | 80.50       | 20.64 | 88.20       | 23.18 |
|        | 39                              | 41.70                        | 12.51 | 48.50       | 13.90 | 62.30       | 17.32 | 68.10       | 18.80 | 74.60       | 20.48 | 80.50       | 22.03 | 88.20       | 24.74 |
|        | 41                              | 41.70                        | 13.27 | 48.50       | 14.78 | 62.30       | 18.49 | 68.10       | 20.08 | 74.60       | 21.85 | 80.50       | 23.51 | 88.20       | 26.41 |
|        | 43                              | 41.70                        | 14.09 | 48.50       | 15.76 | 62.30       | 19.78 | 68.10       | 21.45 | 74.60       | 23.36 | 80.50       | 25.13 | 88.20       | 28.20 |
|        | 46                              | 41.70                        | 15.51 | 48.50       | 17.43 | 62.30       | 21.89 | 68.10       | 23.71 | 74.60       | 25.82 | 80.50       | 27.73 | 88.20       | 31.11 |
|        | 48                              | 41.70                        | 16.57 | 48.50       | 18.65 | 62.30       | 23.43 | 68.10       | 25.36 | 74.60       | 27.57 | 80.50       | 29.65 | 88.20       | 33.25 |
|        | 50                              | 41.70                        | 17.75 | 48.50       | 20.01 | 62.30       | 25.09 | 68.10       | 27.12 | 74.60       | 29.49 | 80.50       | 31.68 | 88.20       | 35.50 |
|        | 52                              | 41.70                        | 19.03 | 48.50       | 21.51 | 62.30       | 26.85 | 68.10       | 29.01 | 74.60       | 31.52 | 80.50       | 32.81 | 88.20       | 36.60 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM600LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 35.70                        | 2.40  | 57.30       | 3.84  | 81.30       | 5.49  | 87.00       | 5.91  | 92.70       | 6.33  | 98.70       | 6.78  | 105.0       | 7.35  |
|        | 12                              | 35.70                        | 2.40  | 57.30       | 3.87  | 81.30       | 5.55  | 87.00       | 5.97  | 92.70       | 6.39  | 98.70       | 6.84  | 105.0       | 7.47  |
|        | 14                              | 35.70                        | 2.31  | 57.30       | 3.87  | 81.30       | 5.61  | 87.00       | 6.06  | 92.70       | 6.36  | 98.70       | 6.93  | 105.0       | 7.65  |
|        | 16                              | 35.70                        | 2.28  | 57.30       | 3.93  | 81.30       | 5.79  | 87.00       | 6.15  | 92.70       | 6.57  | 98.70       | 7.17  | 105.0       | 8.04  |
|        | 18                              | 35.70                        | 2.31  | 57.30       | 3.99  | 81.30       | 6.00  | 87.00       | 6.48  | 92.70       | 7.02  | 98.70       | 7.71  | 105.0       | 8.85  |
|        | 20                              | 35.70                        | 2.40  | 57.30       | 4.26  | 81.30       | 6.75  | 87.00       | 7.35  | 92.70       | 8.19  | 98.70       | 9.30  | 105.0       | 10.83 |
|        | 21                              | 40.50                        | 3.03  | 61.80       | 5.40  | 85.50       | 9.06  | 91.20       | 9.51  | 96.90       | 10.17 | 102.3       | 11.01 | 108.3       | 11.94 |
|        | 23                              | 49.80                        | 6.90  | 70.80       | 8.88  | 94.50       | 11.25 | 99.90       | 11.79 | 105.3       | 12.90 | 110.1       | 13.56 | 115.5       | 14.64 |
|        | 25                              | 59.70                        | 8.73  | 80.40       | 11.19 | 103.8       | 14.16 | 108.9       | 14.94 | 114.0       | 16.14 | 117.9       | 16.86 | 122.7       | 18.12 |
|        | 27                              | 69.60                        | 11.34 | 90.00       | 14.13 | 113.1       | 18.09 | 117.9       | 19.32 | 122.7       | 20.28 | 126.0       | 20.94 | 137.1       | 23.85 |
|        | 29                              | 79.80                        | 14.58 | 99.60       | 17.85 | 122.7       | 22.59 | 127.2       | 23.61 | 131.7       | 24.72 | 139.8       | 26.67 | 162.0       | 33.54 |
|        | 31                              | 90.30                        | 18.30 | 109.8       | 22.11 | 132.6       | 27.78 | 136.8       | 28.92 | 148.5       | 32.31 | 165.6       | 37.62 | 187.2       | 46.56 |
|        | 33                              | 101.1                        | 22.95 | 120.0       | 27.42 | 142.8       | 34.17 | 156.9       | 38.97 | 174.6       | 45.54 | 191.1       | 52.26 | 212.1       | 64.08 |
|        | 35                              | 111.9                        | 28.83 | 130.8       | 33.99 | 167.4       | 47.76 | 183.3       | 54.75 | 200.7       | 63.54 | 216.3       | 71.58 | 237.0       | 81.87 |
|        | 37                              | 111.9                        | 30.78 | 130.8       | 36.30 | 167.4       | 50.97 | 183.0       | 57.75 | 201.0       | 67.14 | 216.3       | 74.97 | 221.1       | 78.57 |
|        | 39                              | 111.9                        | 32.85 | 130.8       | 38.73 | 167.1       | 51.42 | 183.0       | 59.16 | 200.7       | 69.03 | 207.3       | 72.27 | 204.9       | 72.81 |
|        | 41                              | 111.9                        | 35.07 | 130.8       | 40.29 | 167.4       | 52.80 | 183.0       | 60.90 | 191.7       | 65.79 | 191.7       | 65.79 | 189.3       | 66.63 |
|        | 43                              | 111.9                        | 37.44 | 130.8       | 40.71 | 167.4       | 56.34 | 176.4       | 61.44 | 176.7       | 61.38 | 176.4       | 61.35 | 174.6       | 62.37 |
|        | 46                              | 111.9                        | 40.02 | 130.8       | 44.52 | 155.4       | 56.55 | 155.1       | 56.49 | 155.4       | 56.46 | 155.1       | 56.55 | 153.3       | 57.12 |
|        | 48                              | 111.9                        | 42.30 | 130.8       | 49.02 | 141.9       | 54.72 | 142.2       | 54.90 | 141.9       | 54.69 | 141.6       | 54.63 | 140.1       | 55.35 |
|        | 50                              | 112.2                        | 45.03 | 129.3       | 52.32 | 129.0       | 52.23 | 129.0       | 52.29 | 129.0       | 52.26 | 128.7       | 52.17 | 127.2       | 52.86 |
|        | 52                              | 110.4                        | 47.94 | 111.9       | 45.96 | 113.7       | 43.65 | 114.0       | 43.14 | 114.6       | 42.63 | 114.9       | 42.21 | 115.2       | 42.45 |
| 120    | 10                              | 33.00                        | 2.22  | 53.10       | 3.54  | 75.00       | 5.07  | 80.40       | 5.43  | 85.50       | 5.82  | 91.20       | 6.21  | 96.90       | 6.69  |
|        | 12                              | 33.00                        | 2.22  | 53.10       | 3.54  | 75.00       | 5.10  | 80.40       | 5.49  | 85.50       | 5.88  | 91.20       | 6.27  | 96.90       | 6.78  |
|        | 14                              | 33.00                        | 2.13  | 53.10       | 3.57  | 75.00       | 5.16  | 80.40       | 5.55  | 85.50       | 5.97  | 91.20       | 6.30  | 96.90       | 6.84  |
|        | 16                              | 33.00                        | 2.04  | 53.10       | 3.54  | 75.00       | 5.28  | 80.40       | 5.70  | 85.50       | 6.03  | 91.20       | 6.39  | 96.90       | 7.11  |
|        | 18                              | 33.00                        | 2.07  | 53.10       | 3.63  | 75.00       | 5.52  | 80.40       | 5.91  | 85.50       | 6.30  | 91.20       | 6.81  | 96.90       | 7.68  |
|        | 20                              | 33.00                        | 2.13  | 53.10       | 3.84  | 75.00       | 6.06  | 80.40       | 6.66  | 85.50       | 7.14  | 91.20       | 7.95  | 96.90       | 9.42  |
|        | 21                              | 37.20                        | 2.67  | 57.00       | 4.77  | 79.20       | 8.13  | 84.30       | 8.94  | 89.40       | 9.30  | 94.50       | 9.90  | 100.2       | 10.98 |
|        | 23                              | 46.20                        | 6.51  | 65.40       | 8.31  | 87.30       | 10.53 | 92.10       | 11.01 | 97.20       | 11.46 | 101.7       | 12.27 | 106.5       | 13.35 |
|        | 25                              | 55.20                        | 8.10  | 74.10       | 10.44 | 95.70       | 13.05 | 100.5       | 13.71 | 105.3       | 14.34 | 108.9       | 15.30 | 113.1       | 16.41 |
|        | 27                              | 64.20                        | 10.47 | 83.10       | 13.05 | 104.4       | 16.65 | 108.9       | 17.28 | 113.4       | 18.39 | 116.4       | 19.02 | 126.6       | 21.54 |
|        | 29                              | 73.80                        | 13.50 | 92.10       | 16.44 | 113.4       | 20.55 | 117.3       | 21.42 | 121.8       | 22.38 | 129.3       | 24.09 | 149.7       | 30.00 |
|        | 31                              | 83.40                        | 16.92 | 101.4       | 20.22 | 122.4       | 25.14 | 126.3       | 26.10 | 137.1       | 29.01 | 152.7       | 33.60 | 172.8       | 41.22 |
|        | 33                              | 93.30                        | 21.03 | 111.0       | 24.90 | 131.7       | 30.75 | 144.9       | 34.89 | 161.4       | 40.50 | 176.4       | 46.20 | 195.9       | 56.07 |
|        | 35                              | 103.5                        | 26.25 | 120.9       | 30.72 | 154.5       | 42.54 | 169.2       | 48.48 | 185.4       | 55.80 | 199.8       | 63.06 | 219.0       | 74.07 |
|        | 37                              | 103.5                        | 28.02 | 120.9       | 32.82 | 154.5       | 45.39 | 169.2       | 51.78 | 185.4       | 58.86 | 199.8       | 66.60 | 219.0       | 77.64 |
|        | 39                              | 103.5                        | 29.91 | 120.9       | 35.01 | 154.5       | 46.71 | 168.9       | 52.23 | 185.4       | 60.30 | 199.8       | 68.46 | 204.9       | 72.84 |
|        | 41                              | 103.5                        | 31.92 | 120.9       | 37.38 | 154.5       | 46.95 | 168.9       | 53.67 | 185.4       | 62.13 | 191.4       | 65.79 | 189.3       | 66.66 |
|        | 43                              | 103.5                        | 34.08 | 120.9       | 38.43 | 154.5       | 50.01 | 169.2       | 57.27 | 176.7       | 61.41 | 176.7       | 61.41 | 174.3       | 62.19 |
|        | 46                              | 103.5                        | 37.62 | 120.6       | 40.23 | 154.5       | 56.01 | 155.4       | 56.52 | 155.1       | 56.46 | 155.1       | 56.46 | 153.6       | 57.21 |
|        | 48                              | 103.5                        | 39.57 | 120.9       | 44.31 | 142.2       | 54.81 | 141.9       | 54.75 | 141.6       | 54.72 | 141.6       | 54.63 | 140.1       | 55.44 |
|        | 50                              | 103.5                        | 41.43 | 120.9       | 47.97 | 129.0       | 52.23 | 129.0       | 52.20 | 129.0       | 52.29 | 128.7       | 52.20 | 127.5       | 52.86 |
|        | 52                              | 103.5                        | 43.74 | 111.3       | 46.92 | 113.1       | 44.55 | 113.4       | 44.10 | 113.7       | 43.62 | 114.0       | 43.23 | 114.3       | 43.59 |
| 110    | 10                              | 30.30                        | 2.01  | 48.60       | 3.24  | 68.70       | 4.62  | 73.50       | 4.98  | 78.30       | 5.31  | 83.40       | 5.67  | 88.80       | 6.09  |
|        | 12                              | 30.30                        | 2.01  | 48.60       | 3.24  | 68.70       | 4.65  | 73.50       | 5.01  | 78.30       | 5.34  | 83.40       | 5.73  | 88.80       | 6.18  |
|        | 14                              | 30.30                        | 1.92  | 48.60       | 3.18  | 68.70       | 4.71  | 73.50       | 5.04  | 78.30       | 5.40  | 83.40       | 5.79  | 88.80       | 6.27  |
|        | 16                              | 30.30                        | 1.83  | 48.60       | 3.18  | 68.70       | 4.80  | 73.50       | 5.16  | 78.30       | 5.55  | 83.40       | 5.88  | 88.80       | 6.39  |
|        | 18                              | 30.30                        | 1.83  | 48.60       | 3.24  | 68.70       | 4.98  | 73.50       | 5.40  | 78.30       | 5.73  | 83.40       | 6.18  | 88.80       | 6.78  |
|        | 20                              | 30.30                        | 1.89  | 48.60       | 3.39  | 68.70       | 5.40  | 73.50       | 5.91  | 78.30       | 6.42  | 83.40       | 6.96  | 88.80       | 7.95  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 34.20                        | 2.31  | 52.20       | 4.17  | 72.60       | 6.99  | 77.10       | 7.83  | 81.90       | 8.58  | 86.70       | 9.12  | 91.80       | 9.75  |
|        | 23                               | 42.30                        | 6.03  | 60.00       | 7.77  | 80.10       | 9.78  | 84.60       | 10.20 | 89.10       | 10.62 | 93.00       | 11.01 | 97.50       | 11.79 |
|        | 25                               | 50.40                        | 7.53  | 67.80       | 9.51  | 87.90       | 12.00 | 92.10       | 12.57 | 96.30       | 13.08 | 99.90       | 13.56 | 103.8       | 14.58 |
|        | 27                               | 58.80                        | 9.51  | 75.90       | 12.03 | 95.70       | 15.09 | 99.60       | 15.63 | 103.8       | 16.35 | 106.5       | 16.80 | 115.8       | 19.41 |
|        | 29                               | 67.50                        | 12.45 | 84.30       | 15.06 | 103.8       | 18.66 | 107.7       | 19.38 | 111.6       | 20.22 | 118.2       | 21.66 | 137.1       | 26.70 |
|        | 31                               | 76.50                        | 15.60 | 92.70       | 18.42 | 112.2       | 22.65 | 115.8       | 23.49 | 125.7       | 25.98 | 140.1       | 29.85 | 158.4       | 36.33 |
|        | 33                               | 85.50                        | 19.23 | 101.7       | 22.53 | 120.6       | 27.54 | 132.9       | 31.08 | 147.9       | 35.85 | 161.4       | 40.65 | 179.4       | 48.87 |
|        | 35                               | 94.80                        | 23.79 | 110.7       | 27.66 | 141.6       | 37.74 | 155.1       | 42.75 | 169.8       | 48.84 | 183.0       | 54.81 | 200.4       | 65.55 |
|        | 37                               | 94.80                        | 25.41 | 110.7       | 29.52 | 141.6       | 40.29 | 155.1       | 45.63 | 169.8       | 52.17 | 183.0       | 58.59 | 200.7       | 69.36 |
|        | 39                               | 94.80                        | 27.12 | 110.7       | 31.53 | 141.6       | 42.99 | 155.1       | 47.34 | 169.8       | 52.71 | 183.0       | 59.19 | 200.7       | 70.92 |
|        | 41                               | 94.80                        | 28.95 | 110.7       | 33.66 | 141.6       | 43.83 | 155.1       | 47.25 | 170.1       | 54.09 | 183.0       | 60.93 | 189.3       | 66.69 |
|        | 43                               | 94.80                        | 30.93 | 110.7       | 35.94 | 141.6       | 44.31 | 154.8       | 50.25 | 170.1       | 57.72 | 176.4       | 61.44 | 174.6       | 62.28 |
|        | 46                               | 94.80                        | 34.14 | 110.7       | 37.44 | 141.3       | 49.50 | 154.8       | 56.28 | 155.4       | 56.55 | 155.1       | 56.49 | 153.3       | 57.24 |
|        | 48                               | 94.80                        | 36.45 | 110.7       | 39.90 | 141.6       | 54.51 | 141.6       | 54.63 | 142.2       | 54.78 | 141.6       | 54.69 | 139.8       | 55.35 |
|        | 50                               | 94.80                        | 38.49 | 110.4       | 43.20 | 129.0       | 52.35 | 129.0       | 52.32 | 129.0       | 52.29 | 129.0       | 52.20 | 127.5       | 52.83 |
|        | 52                               | 95.10                        | 39.09 | 110.4       | 47.43 | 112.2       | 45.72 | 112.5       | 45.24 | 112.8       | 44.76 | 112.2       | 44.34 | 113.7       | 44.34 |
| 100    | 10                               | 27.60                        | 1.83  | 44.10       | 2.94  | 62.40       | 4.20  | 66.90       | 4.50  | 71.40       | 4.80  | 75.90       | 5.13  | 80.70       | 5.52  |
|        | 12                               | 27.60                        | 1.83  | 44.10       | 2.94  | 62.40       | 4.20  | 66.90       | 4.53  | 71.40       | 4.83  | 75.90       | 5.16  | 80.70       | 5.58  |
|        | 14                               | 27.60                        | 1.74  | 44.10       | 2.85  | 62.40       | 4.23  | 66.90       | 4.56  | 71.40       | 4.89  | 75.90       | 5.22  | 80.70       | 5.64  |
|        | 16                               | 27.60                        | 1.62  | 44.10       | 2.79  | 62.40       | 4.26  | 66.90       | 4.65  | 71.40       | 4.98  | 75.90       | 5.34  | 80.70       | 5.82  |
|        | 18                               | 27.60                        | 1.59  | 44.10       | 2.85  | 62.40       | 4.38  | 66.90       | 4.77  | 71.40       | 5.19  | 75.90       | 5.55  | 80.70       | 6.09  |
|        | 20                               | 27.60                        | 1.65  | 44.10       | 2.97  | 62.40       | 4.74  | 66.90       | 5.19  | 71.40       | 5.64  | 75.90       | 6.15  | 80.70       | 7.02  |
|        | 21                               | 31.20                        | 2.01  | 47.70       | 3.57  | 66.00       | 5.97  | 70.20       | 6.66  | 74.40       | 7.35  | 78.90       | 8.07  | 83.40       | 9.06  |
|        | 23                               | 38.40                        | 5.61  | 54.60       | 7.14  | 72.90       | 9.00  | 76.80       | 9.45  | 81.00       | 9.84  | 84.60       | 10.20 | 88.80       | 10.83 |
|        | 25                               | 45.90                        | 6.87  | 61.80       | 8.73  | 79.80       | 11.13 | 83.70       | 11.61 | 87.60       | 11.97 | 90.90       | 12.33 | 94.20       | 13.08 |
|        | 27                               | 53.40                        | 8.64  | 69.30       | 11.04 | 87.00       | 13.65 | 90.60       | 14.25 | 94.50       | 14.88 | 96.90       | 15.33 | 105.3       | 17.01 |
|        | 29                               | 61.20                        | 11.25 | 76.80       | 13.71 | 94.50       | 16.86 | 97.80       | 17.49 | 101.4       | 18.21 | 107.7       | 19.41 | 124.8       | 23.64 |
|        | 31                               | 69.30                        | 14.31 | 84.60       | 16.74 | 102.0       | 20.34 | 105.3       | 21.03 | 114.3       | 23.16 | 127.2       | 26.40 | 144.0       | 31.80 |
|        | 33                               | 77.70                        | 17.52 | 92.40       | 20.34 | 109.8       | 24.60 | 120.9       | 27.57 | 134.4       | 31.56 | 147.0       | 35.58 | 163.2       | 42.42 |
|        | 35                               | 86.10                        | 21.54 | 100.5       | 24.78 | 128.7       | 33.30 | 141.0       | 37.47 | 154.5       | 42.57 | 166.5       | 47.43 | 182.4       | 56.13 |
|        | 37                               | 86.10                        | 22.95 | 100.5       | 26.46 | 128.7       | 35.55 | 141.0       | 40.02 | 154.5       | 45.42 | 166.5       | 50.64 | 182.4       | 60.03 |
|        | 39                               | 86.10                        | 24.48 | 100.5       | 28.23 | 128.7       | 37.95 | 141.0       | 42.72 | 154.5       | 47.73 | 166.5       | 51.54 | 182.4       | 60.69 |
|        | 41                               | 86.10                        | 26.16 | 100.5       | 30.15 | 128.7       | 40.50 | 141.0       | 44.10 | 154.5       | 47.64 | 166.5       | 52.47 | 182.4       | 62.52 |
|        | 43                               | 86.10                        | 27.96 | 100.5       | 32.22 | 128.7       | 41.25 | 141.0       | 44.52 | 154.2       | 50.07 | 166.5       | 55.95 | 174.9       | 62.34 |
|        | 46                               | 86.10                        | 30.87 | 100.5       | 34.77 | 128.4       | 43.62 | 141.0       | 49.17 | 154.5       | 55.98 | 155.7       | 56.55 | 153.3       | 57.18 |
|        | 48                               | 86.10                        | 32.97 | 100.5       | 36.81 | 128.7       | 47.97 | 140.7       | 54.15 | 141.9       | 54.72 | 141.9       | 54.66 | 140.1       | 55.32 |
|        | 50                               | 86.10                        | 35.22 | 100.5       | 38.79 | 128.7       | 52.05 | 129.3       | 52.32 | 129.0       | 52.26 | 129.3       | 52.32 | 127.2       | 52.80 |
|        | 52                               | 86.10                        | 35.79 | 100.5       | 41.85 | 111.0       | 47.07 | 111.6       | 46.35 | 112.2       | 45.60 | 112.8       | 44.88 | 113.4       | 44.88 |
| 90     | 10                               | 24.90                        | 1.65  | 39.60       | 2.64  | 56.10       | 3.75  | 60.30       | 4.05  | 64.20       | 4.32  | 68.40       | 4.59  | 72.60       | 4.95  |
|        | 12                               | 24.90                        | 1.59  | 39.60       | 2.64  | 56.10       | 3.78  | 60.30       | 4.05  | 64.20       | 4.32  | 68.40       | 4.62  | 72.60       | 4.98  |
|        | 14                               | 24.90                        | 1.50  | 39.60       | 2.52  | 56.10       | 3.69  | 60.30       | 4.08  | 64.20       | 4.38  | 68.40       | 4.68  | 72.60       | 5.04  |
|        | 16                               | 24.90                        | 1.44  | 39.60       | 2.37  | 56.10       | 3.72  | 60.30       | 4.08  | 64.20       | 4.44  | 68.40       | 4.77  | 72.60       | 5.16  |
|        | 18                               | 24.90                        | 1.35  | 39.60       | 2.43  | 56.10       | 3.81  | 60.30       | 4.17  | 64.20       | 4.53  | 68.40       | 4.95  | 72.60       | 5.37  |
|        | 20                               | 24.90                        | 1.41  | 39.60       | 2.55  | 56.10       | 4.08  | 60.30       | 4.50  | 64.20       | 4.89  | 68.40       | 5.34  | 72.60       | 6.06  |
|        | 21                               | 27.90                        | 1.68  | 42.90       | 3.03  | 59.40       | 5.01  | 63.30       | 5.55  | 66.90       | 6.18  | 71.10       | 6.78  | 75.00       | 8.13  |
|        | 23                               | 34.50                        | 5.13  | 49.20       | 6.54  | 65.40       | 8.25  | 69.30       | 8.64  | 72.90       | 9.06  | 76.20       | 9.39  | 79.80       | 9.93  |
|        | 25                               | 41.40                        | 6.27  | 55.50       | 7.92  | 71.70       | 9.99  | 75.30       | 10.56 | 78.90       | 11.01 | 81.60       | 11.37 | 84.90       | 11.88 |
|        | 27                               | 48.30                        | 7.74  | 62.10       | 9.81  | 78.30       | 12.33 | 81.60       | 12.84 | 84.90       | 13.35 | 87.30       | 13.71 | 94.80       | 15.30 |
|        | 29                               | 55.20                        | 9.90  | 69.00       | 12.45 | 84.90       | 15.18 | 87.90       | 15.72 | 91.20       | 16.32 | 96.90       | 17.34 | 112.2       | 20.85 |
|        | 31                               | 62.70                        | 13.08 | 75.90       | 15.18 | 91.80       | 18.18 | 94.80       | 18.78 | 102.9       | 20.52 | 114.6       | 23.22 | 129.6       | 27.72 |
|        | 33                               | 69.90                        | 15.93 | 83.10       | 18.30 | 98.70       | 21.84 | 108.6       | 24.33 | 120.9       | 27.63 | 132.3       | 30.93 | 147.0       | 36.54 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 77.70                        | 19.38 | 90.60       | 22.11 | 115.8       | 29.19 | 126.9       | 32.67 | 138.9       | 36.81 | 150.0       | 40.80 | 164.1       | 47.82 |
|        | 37                              | 77.70                        | 20.64 | 90.60       | 23.58 | 115.8       | 31.17 | 126.9       | 34.86 | 138.9       | 39.30 | 150.0       | 43.56 | 164.1       | 51.09 |
|        | 39                              | 77.70                        | 22.05 | 90.60       | 25.17 | 115.8       | 33.30 | 126.9       | 37.23 | 138.9       | 41.94 | 150.0       | 46.50 | 164.1       | 53.64 |
|        | 41                              | 77.70                        | 23.52 | 90.60       | 26.88 | 115.8       | 35.55 | 126.9       | 39.75 | 138.9       | 44.01 | 150.0       | 47.04 | 164.1       | 53.61 |
|        | 43                              | 77.70                        | 25.14 | 90.60       | 28.74 | 115.8       | 37.95 | 126.9       | 41.10 | 138.9       | 44.49 | 150.0       | 47.94 | 164.1       | 56.46 |
|        | 46                              | 77.70                        | 27.78 | 90.60       | 31.71 | 115.8       | 39.51 | 126.6       | 42.78 | 139.2       | 48.27 | 149.7       | 53.64 | 153.6       | 57.21 |
|        | 48                              | 77.70                        | 29.67 | 90.60       | 33.90 | 115.8       | 42.09 | 126.6       | 47.07 | 138.9       | 53.19 | 141.9       | 54.75 | 140.4       | 55.47 |
|        | 50                              | 77.70                        | 31.74 | 90.60       | 35.52 | 115.8       | 45.60 | 126.6       | 51.03 | 129.0       | 52.23 | 129.3       | 52.29 | 127.8       | 52.92 |
|        | 52                              | 77.70                        | 33.93 | 90.60       | 36.60 | 110.7       | 47.79 | 111.3       | 47.04 | 111.9       | 46.26 | 112.2       | 45.54 | 112.8       | 45.57 |
| 80     | 10                              | 21.90                        | 1.47  | 35.40       | 2.34  | 50.10       | 3.33  | 53.40       | 3.57  | 57.00       | 3.81  | 60.60       | 4.08  | 64.50       | 4.38  |
|        | 12                              | 21.90                        | 1.35  | 35.40       | 2.34  | 50.10       | 3.33  | 53.40       | 3.60  | 57.00       | 3.84  | 60.60       | 4.08  | 64.50       | 4.41  |
|        | 14                              | 21.90                        | 1.29  | 35.40       | 2.22  | 50.10       | 3.24  | 53.40       | 3.48  | 57.00       | 3.75  | 60.60       | 4.11  | 64.50       | 4.44  |
|        | 16                              | 21.90                        | 1.23  | 35.40       | 2.07  | 50.10       | 3.15  | 53.40       | 3.48  | 57.00       | 3.81  | 60.60       | 4.14  | 64.50       | 4.53  |
|        | 18                              | 21.90                        | 1.20  | 35.40       | 2.07  | 50.10       | 3.24  | 53.40       | 3.57  | 57.00       | 3.90  | 60.60       | 4.23  | 64.50       | 4.68  |
|        | 20                              | 21.90                        | 1.17  | 35.40       | 2.13  | 50.10       | 3.42  | 53.40       | 3.78  | 57.00       | 4.17  | 60.60       | 4.53  | 64.50       | 5.13  |
|        | 21                              | 24.90                        | 1.41  | 38.10       | 2.49  | 52.80       | 4.11  | 56.10       | 4.56  | 59.70       | 5.07  | 63.00       | 5.58  | 66.90       | 6.63  |
|        | 23                              | 30.60                        | 4.68  | 43.80       | 5.91  | 58.20       | 7.41  | 61.50       | 7.86  | 64.80       | 8.22  | 67.80       | 8.49  | 71.10       | 9.03  |
|        | 25                              | 36.60                        | 5.61  | 49.50       | 7.08  | 63.90       | 8.94  | 66.90       | 9.33  | 70.20       | 9.87  | 72.60       | 10.26 | 75.60       | 10.80 |
|        | 27                              | 42.90                        | 6.96  | 55.20       | 8.70  | 69.60       | 11.10 | 72.60       | 11.52 | 75.60       | 11.94 | 77.40       | 12.24 | 84.30       | 13.56 |
|        | 29                              | 49.20                        | 8.82  | 61.50       | 11.01 | 75.60       | 13.50 | 78.30       | 13.98 | 81.30       | 14.49 | 86.10       | 15.39 | 99.90       | 18.30 |
|        | 31                              | 55.50                        | 11.49 | 67.50       | 13.65 | 81.60       | 16.20 | 84.00       | 16.68 | 91.50       | 18.12 | 101.7       | 20.31 | 115.2       | 23.97 |
|        | 33                              | 62.10                        | 14.31 | 74.10       | 16.38 | 87.90       | 19.29 | 96.60       | 21.33 | 107.4       | 24.03 | 117.3       | 26.70 | 130.8       | 31.23 |
|        | 35                              | 69.00                        | 17.37 | 80.40       | 19.62 | 102.9       | 25.44 | 112.8       | 28.26 | 123.6       | 31.65 | 133.2       | 34.83 | 146.1       | 40.47 |
|        | 37                              | 69.00                        | 18.48 | 80.40       | 20.91 | 102.9       | 27.15 | 112.8       | 30.18 | 123.6       | 33.75 | 133.2       | 37.17 | 146.1       | 43.20 |
|        | 39                              | 69.00                        | 19.71 | 80.40       | 22.32 | 102.9       | 28.98 | 112.8       | 32.22 | 123.6       | 36.03 | 133.2       | 39.69 | 146.1       | 46.11 |
|        | 41                              | 69.00                        | 21.06 | 80.40       | 23.82 | 102.9       | 30.96 | 112.8       | 34.41 | 123.6       | 38.49 | 133.2       | 42.36 | 146.1       | 48.63 |
|        | 43                              | 69.00                        | 22.50 | 80.40       | 25.47 | 102.9       | 33.06 | 112.8       | 36.69 | 123.6       | 40.50 | 133.2       | 43.35 | 146.1       | 49.20 |
|        | 46                              | 69.00                        | 24.84 | 80.40       | 28.14 | 102.9       | 35.94 | 112.8       | 38.91 | 123.6       | 42.12 | 133.2       | 45.66 | 145.8       | 53.19 |
|        | 48                              | 69.00                        | 26.58 | 80.40       | 30.09 | 102.9       | 38.01 | 112.8       | 41.13 | 123.6       | 45.60 | 133.2       | 50.25 | 140.4       | 55.47 |
|        | 50                              | 69.00                        | 28.44 | 80.40       | 32.16 | 102.9       | 39.81 | 112.5       | 44.13 | 123.6       | 49.38 | 129.3       | 52.29 | 127.2       | 52.83 |
|        | 52                              | 69.00                        | 30.42 | 80.40       | 32.64 | 102.9       | 42.99 | 110.7       | 47.46 | 111.3       | 47.16 | 111.6       | 46.41 | 112.2       | 46.44 |
| 70     | 10                              | 19.20                        | 1.29  | 30.90       | 2.04  | 43.80       | 2.91  | 46.80       | 3.12  | 49.80       | 3.33  | 53.10       | 3.54  | 56.40       | 3.81  |
|        | 12                              | 19.20                        | 1.14  | 30.90       | 1.95  | 43.80       | 2.91  | 46.80       | 3.12  | 49.80       | 3.33  | 53.10       | 3.57  | 56.40       | 3.84  |
|        | 14                              | 19.20                        | 1.11  | 30.90       | 1.89  | 43.80       | 2.76  | 46.80       | 3.00  | 49.80       | 3.24  | 53.10       | 3.45  | 56.40       | 3.75  |
|        | 16                              | 19.20                        | 1.05  | 30.90       | 1.77  | 43.80       | 2.64  | 46.80       | 2.88  | 49.80       | 3.18  | 53.10       | 3.45  | 56.40       | 3.78  |
|        | 18                              | 19.20                        | 1.02  | 30.90       | 1.71  | 43.80       | 2.67  | 46.80       | 2.94  | 49.80       | 3.24  | 53.10       | 3.54  | 56.40       | 3.90  |
|        | 20                              | 19.20                        | 0.99  | 30.90       | 1.74  | 43.80       | 2.79  | 46.80       | 3.12  | 49.80       | 3.42  | 53.10       | 3.75  | 56.40       | 4.23  |
|        | 21                              | 21.90                        | 1.14  | 33.30       | 2.01  | 46.20       | 3.27  | 49.20       | 3.66  | 52.20       | 4.05  | 55.20       | 4.47  | 58.20       | 5.22  |
|        | 23                              | 27.00                        | 4.05  | 38.10       | 5.28  | 51.00       | 6.57  | 53.70       | 6.96  | 56.70       | 7.32  | 59.40       | 7.62  | 62.10       | 8.10  |
|        | 25                              | 32.10                        | 5.01  | 43.20       | 6.30  | 55.80       | 7.89  | 58.50       | 8.31  | 61.20       | 8.67  | 63.60       | 9.00  | 66.00       | 9.54  |
|        | 27                              | 37.50                        | 6.09  | 48.30       | 7.65  | 60.90       | 9.51  | 63.60       | 10.05 | 66.00       | 10.65 | 67.80       | 10.89 | 73.80       | 11.94 |
|        | 29                              | 43.20                        | 7.65  | 53.70       | 9.54  | 66.00       | 11.94 | 68.40       | 12.33 | 71.10       | 12.75 | 75.30       | 13.47 | 87.30       | 15.96 |
|        | 31                              | 48.60                        | 9.84  | 59.10       | 12.18 | 71.40       | 14.34 | 73.50       | 14.76 | 79.80       | 15.90 | 89.10       | 17.67 | 100.8       | 20.58 |
|        | 33                              | 54.60                        | 12.60 | 64.50       | 14.52 | 76.80       | 16.92 | 84.60       | 18.57 | 93.90       | 20.73 | 102.9       | 22.83 | 114.3       | 26.46 |
|        | 35                              | 60.60                        | 15.42 | 70.20       | 17.31 | 90.00       | 21.99 | 98.70       | 24.24 | 108.0       | 26.91 | 116.4       | 29.43 | 127.5       | 33.90 |
|        | 37                              | 60.60                        | 16.41 | 70.20       | 18.42 | 90.00       | 23.43 | 98.70       | 25.86 | 108.0       | 28.74 | 116.4       | 31.41 | 127.5       | 36.15 |
|        | 39                              | 60.60                        | 17.49 | 70.20       | 19.65 | 90.00       | 25.05 | 98.70       | 27.63 | 108.0       | 30.66 | 116.4       | 33.54 | 127.5       | 38.58 |
|        | 41                              | 60.60                        | 18.69 | 70.20       | 21.00 | 90.00       | 26.73 | 98.70       | 29.52 | 108.0       | 32.76 | 116.4       | 35.82 | 127.5       | 41.19 |
|        | 43                              | 60.60                        | 20.01 | 70.20       | 22.44 | 90.00       | 28.56 | 98.70       | 31.50 | 108.0       | 34.95 | 116.4       | 38.22 | 127.5       | 43.95 |
|        | 46                              | 60.60                        | 22.11 | 70.20       | 24.78 | 90.00       | 31.56 | 98.70       | 34.77 | 108.0       | 37.80 | 116.4       | 40.44 | 127.5       | 45.69 |
|        | 48                              | 60.60                        | 23.67 | 70.20       | 26.52 | 90.00       | 33.72 | 98.70       | 37.14 | 108.0       | 39.99 | 116.4       | 42.72 | 127.8       | 48.84 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 60.60                        | 25.32 | 70.20       | 28.38 | 90.00       | 36.00 | 98.70       | 38.64 | 108.0       | 42.06 | 116.7       | 45.99 | 127.5       | 52.89 |
|        | 52                              | 60.60                        | 27.12 | 70.20       | 30.33 | 90.00       | 36.03 | 98.70       | 40.47 | 108.0       | 45.90 | 111.0       | 47.61 | 111.3       | 47.64 |
| 60     | 10                              | 16.50                        | 1.11  | 26.40       | 1.74  | 37.50       | 2.49  | 40.20       | 2.67  | 42.90       | 2.85  | 45.60       | 3.03  | 48.30       | 3.27  |
|        | 12                              | 16.50                        | 0.96  | 26.40       | 1.59  | 37.50       | 2.40  | 40.20       | 2.67  | 42.90       | 2.85  | 45.60       | 3.03  | 48.30       | 3.27  |
|        | 14                              | 16.50                        | 0.93  | 26.40       | 1.53  | 37.50       | 2.31  | 40.20       | 2.52  | 42.90       | 2.73  | 45.60       | 2.91  | 48.30       | 3.15  |
|        | 16                              | 16.50                        | 0.90  | 26.40       | 1.47  | 37.50       | 2.19  | 40.20       | 2.37  | 42.90       | 2.58  | 45.60       | 2.76  | 48.30       | 3.06  |
|        | 18                              | 16.50                        | 0.87  | 26.40       | 1.41  | 37.50       | 2.13  | 40.20       | 2.37  | 42.90       | 2.58  | 45.60       | 2.85  | 48.30       | 3.12  |
|        | 20                              | 16.50                        | 0.81  | 26.40       | 1.41  | 37.50       | 2.22  | 40.20       | 2.46  | 42.90       | 2.73  | 45.60       | 3.00  | 48.30       | 3.36  |
|        | 21                              | 18.60                        | 0.93  | 28.50       | 1.56  | 39.60       | 2.55  | 42.00       | 2.82  | 44.70       | 3.15  | 47.40       | 3.45  | 50.10       | 4.02  |
|        | 23                              | 23.10                        | 2.70  | 32.70       | 4.35  | 43.80       | 5.76  | 46.20       | 6.09  | 48.60       | 6.42  | 50.70       | 6.66  | 53.40       | 7.11  |
|        | 25                              | 28.80                        | 4.59  | 37.20       | 5.49  | 48.00       | 6.75  | 50.10       | 7.17  | 52.50       | 7.53  | 54.60       | 7.86  | 56.70       | 8.25  |
|        | 27                              | 32.10                        | 5.34  | 41.40       | 6.54  | 52.20       | 8.13  | 54.30       | 8.58  | 56.70       | 8.97  | 58.20       | 9.33  | 63.30       | 10.29 |
|        | 29                              | 36.90                        | 6.57  | 45.90       | 8.07  | 56.70       | 10.02 | 58.80       | 10.59 | 60.90       | 11.16 | 64.50       | 11.73 | 75.00       | 13.68 |
|        | 31                              | 41.70                        | 8.37  | 50.70       | 10.29 | 61.20       | 12.54 | 63.00       | 12.90 | 68.70       | 13.86 | 76.50       | 15.24 | 86.40       | 17.52 |
|        | 33                              | 46.80                        | 10.86 | 55.50       | 12.72 | 66.00       | 14.73 | 72.60       | 16.08 | 80.70       | 17.76 | 88.20       | 19.38 | 98.10       | 22.17 |
|        | 35                              | 51.90                        | 13.32 | 60.30       | 15.06 | 77.10       | 18.84 | 84.60       | 20.58 | 92.70       | 22.65 | 99.90       | 24.60 | 109.5       | 28.02 |
|        | 37                              | 51.90                        | 14.13 | 60.30       | 16.02 | 77.10       | 20.07 | 84.60       | 21.96 | 92.70       | 24.18 | 99.90       | 26.25 | 109.5       | 29.88 |
|        | 39                              | 51.90                        | 15.18 | 60.30       | 17.10 | 77.10       | 21.45 | 84.60       | 23.43 | 92.70       | 25.80 | 99.90       | 28.05 | 109.5       | 31.92 |
|        | 41                              | 51.90                        | 16.20 | 60.30       | 18.24 | 77.10       | 22.89 | 84.60       | 25.05 | 92.70       | 27.57 | 99.90       | 29.94 | 109.5       | 34.08 |
|        | 43                              | 51.90                        | 17.31 | 60.30       | 19.53 | 77.10       | 24.45 | 84.60       | 26.76 | 92.70       | 29.43 | 99.90       | 31.98 | 109.5       | 36.39 |
|        | 46                              | 51.90                        | 19.17 | 60.30       | 21.66 | 77.10       | 27.03 | 84.60       | 29.55 | 92.70       | 32.52 | 99.90       | 35.28 | 109.5       | 40.14 |
|        | 48                              | 51.90                        | 20.55 | 60.30       | 23.19 | 77.10       | 28.92 | 84.60       | 31.59 | 92.70       | 34.71 | 99.90       | 37.65 | 109.5       | 42.21 |
|        | 50                              | 51.90                        | 22.08 | 60.30       | 24.84 | 77.10       | 30.90 | 84.60       | 33.75 | 92.70       | 37.08 | 99.90       | 39.36 | 109.5       | 44.19 |
|        | 52                              | 51.90                        | 23.79 | 60.30       | 26.58 | 77.10       | 33.00 | 84.60       | 34.29 | 92.70       | 37.14 | 99.90       | 41.01 | 109.5       | 47.37 |
| 50     | 10                              | 13.80                        | 1.08  | 21.90       | 1.47  | 31.20       | 2.07  | 33.30       | 2.19  | 35.70       | 2.37  | 38.10       | 2.52  | 40.50       | 2.70  |
|        | 12                              | 13.80                        | 0.93  | 21.90       | 1.29  | 31.20       | 1.89  | 33.30       | 2.10  | 35.70       | 2.28  | 38.10       | 2.46  | 40.50       | 2.70  |
|        | 14                              | 13.80                        | 0.90  | 21.90       | 1.23  | 31.20       | 1.83  | 33.30       | 2.01  | 35.70       | 2.16  | 38.10       | 2.34  | 40.50       | 2.58  |
|        | 16                              | 13.80                        | 0.87  | 21.90       | 1.20  | 31.20       | 1.77  | 33.30       | 1.89  | 35.70       | 2.07  | 38.10       | 2.25  | 40.50       | 2.43  |
|        | 18                              | 13.80                        | 0.81  | 21.90       | 1.14  | 31.20       | 1.68  | 33.30       | 1.83  | 35.70       | 1.98  | 38.10       | 2.19  | 40.50       | 2.40  |
|        | 20                              | 13.80                        | 0.78  | 21.90       | 1.11  | 31.20       | 1.68  | 33.30       | 1.86  | 35.70       | 2.07  | 38.10       | 2.28  | 40.50       | 2.55  |
|        | 21                              | 15.60                        | 0.78  | 23.70       | 1.20  | 33.00       | 1.89  | 35.10       | 2.10  | 37.20       | 2.31  | 39.60       | 2.55  | 41.70       | 2.91  |
|        | 23                              | 19.20                        | 1.77  | 27.30       | 2.76  | 36.30       | 4.89  | 38.40       | 5.19  | 40.50       | 5.49  | 42.30       | 5.76  | 44.40       | 6.06  |
|        | 25                              | 27.60                        | 4.44  | 30.90       | 4.71  | 39.90       | 5.76  | 41.70       | 6.06  | 43.80       | 6.36  | 45.30       | 6.63  | 47.10       | 6.99  |
|        | 27                              | 27.30                        | 4.80  | 34.50       | 5.55  | 43.50       | 6.81  | 45.30       | 7.14  | 47.10       | 7.53  | 48.60       | 7.80  | 52.80       | 8.55  |
|        | 29                              | 30.60                        | 5.70  | 38.40       | 6.81  | 47.10       | 8.28  | 48.90       | 8.67  | 50.70       | 9.12  | 54.00       | 9.81  | 62.40       | 11.40 |
|        | 31                              | 34.80                        | 7.08  | 42.00       | 8.40  | 51.00       | 10.35 | 52.50       | 10.92 | 57.00       | 11.85 | 63.60       | 12.99 | 72.00       | 14.76 |
|        | 33                              | 38.70                        | 9.09  | 46.20       | 10.80 | 54.90       | 12.48 | 60.30       | 13.65 | 67.20       | 15.00 | 73.50       | 16.26 | 81.60       | 18.36 |
|        | 35                              | 43.20                        | 11.43 | 50.10       | 12.69 | 64.50       | 15.96 | 70.50       | 17.31 | 77.10       | 18.84 | 83.40       | 20.28 | 91.20       | 22.83 |
|        | 37                              | 43.20                        | 12.30 | 50.10       | 13.65 | 64.50       | 16.98 | 70.50       | 18.45 | 77.10       | 20.10 | 83.40       | 21.63 | 91.20       | 24.36 |
|        | 39                              | 43.20                        | 13.02 | 50.10       | 14.49 | 64.50       | 18.12 | 70.50       | 19.65 | 77.10       | 21.45 | 83.40       | 23.10 | 91.20       | 26.01 |
|        | 41                              | 43.20                        | 13.83 | 50.10       | 15.42 | 64.50       | 19.35 | 70.50       | 21.00 | 77.10       | 22.89 | 83.40       | 24.66 | 91.20       | 27.75 |
|        | 43                              | 43.20                        | 14.70 | 50.10       | 16.47 | 64.50       | 20.70 | 70.50       | 22.44 | 77.10       | 24.48 | 83.40       | 26.37 | 91.20       | 29.64 |
|        | 46                              | 43.20                        | 16.20 | 50.10       | 18.24 | 64.50       | 22.89 | 70.50       | 24.81 | 77.10       | 27.06 | 83.40       | 29.10 | 91.20       | 32.70 |
|        | 48                              | 43.20                        | 17.31 | 50.10       | 19.53 | 64.50       | 24.48 | 70.50       | 26.55 | 77.10       | 28.89 | 83.40       | 31.11 | 91.20       | 34.95 |
|        | 50                              | 43.20                        | 18.57 | 50.10       | 20.97 | 64.50       | 26.22 | 70.50       | 28.38 | 77.10       | 30.90 | 83.40       | 33.24 | 91.20       | 37.32 |
|        | 52                              | 43.20                        | 19.92 | 50.10       | 22.56 | 64.50       | 28.05 | 70.50       | 30.36 | 77.10       | 33.03 | 83.40       | 33.96 | 91.20       | 37.89 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM620LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 40.40                        | 3.36  | 63.40       | 5.07  | 85.40       | 6.54  | 89.90       | 6.64  | 94.10       | 6.67  | 99.80       | 6.86  | 105.4       | 7.23  |
|        | 12                              | 40.40                        | 3.26  | 63.40       | 4.95  | 85.40       | 6.44  | 89.90       | 6.52  | 94.10       | 6.57  | 99.80       | 6.79  | 105.4       | 7.24  |
|        | 14                              | 40.40                        | 3.11  | 63.40       | 4.81  | 85.40       | 6.34  | 89.90       | 6.46  | 94.10       | 6.47  | 99.80       | 6.79  | 105.4       | 7.31  |
|        | 16                              | 40.40                        | 3.01  | 63.40       | 4.73  | 85.40       | 6.37  | 89.90       | 6.46  | 94.10       | 6.58  | 99.80       | 6.94  | 105.4       | 7.58  |
|        | 18                              | 40.40                        | 2.97  | 63.40       | 4.73  | 85.40       | 6.48  | 89.90       | 6.69  | 94.10       | 6.93  | 99.80       | 7.38  | 105.4       | 8.25  |
|        | 20                              | 40.40                        | 2.99  | 63.40       | 4.93  | 85.40       | 7.10  | 89.90       | 7.55  | 94.10       | 8.03  | 99.80       | 8.89  | 105.4       | 10.23 |
|        | 21                              | 45.80                        | 3.68  | 68.30       | 6.12  | 89.90       | 9.39  | 94.30       | 9.96  | 98.40       | 10.25 | 103.5       | 10.84 | 108.7       | 11.58 |
|        | 23                              | 56.40                        | 8.39  | 78.30       | 10.09 | 99.30       | 11.77 | 103.2       | 12.50 | 106.9       | 13.14 | 111.3       | 13.63 | 115.9       | 14.50 |
|        | 25                              | 67.50                        | 10.37 | 88.80       | 12.46 | 109.0       | 14.80 | 112.5       | 16.09 | 115.8       | 16.82 | 119.2       | 17.32 | 123.1       | 18.33 |
|        | 27                              | 78.80                        | 13.17 | 99.40       | 15.72 | 118.8       | 18.92 | 121.8       | 21.08 | 124.6       | 21.58 | 127.4       | 22.00 | 137.6       | 24.71 |
|        | 29                              | 90.30                        | 16.88 | 110.2       | 19.92 | 128.9       | 23.80 | 131.4       | 26.40 | 133.8       | 26.91 | 141.3       | 28.59 | 162.7       | 35.31 |
|        | 31                              | 102.2                        | 21.22 | 121.4       | 24.54 | 139.3       | 29.38 | 141.3       | 31.74 | 150.8       | 34.53 | 167.0       | 39.51 | 187.6       | 48.07 |
|        | 33                              | 114.4                        | 26.56 | 132.7       | 30.53 | 150.0       | 36.39 | 162.2       | 41.88 | 177.3       | 47.65 | 191.8       | 53.49 | 214.0       | 65.26 |
|        | 35                              | 126.7                        | 33.32 | 144.6       | 37.82 | 175.9       | 51.53 | 189.1       | 57.45 | 202.8       | 64.65 | 220.4       | 72.88 | 243.9       | 83.24 |
|        | 37                              | 126.7                        | 35.57 | 144.6       | 40.33 | 175.5       | 53.68 | 187.8       | 59.30 | 206.9       | 68.78 | 225.0       | 76.97 | 233.9       | 81.33 |
|        | 39                              | 126.7                        | 37.94 | 144.6       | 43.09 | 174.1       | 53.83 | 191.7       | 61.86 | 211.3       | 72.21 | 222.1       | 76.40 | 222.0       | 77.05 |
|        | 41                              | 126.7                        | 41.01 | 142.9       | 45.36 | 176.7       | 56.66 | 194.4       | 65.36 | 206.1       | 71.20 | 208.3       | 71.41 | 208.0       | 72.52 |
|        | 43                              | 126.7                        | 44.21 | 140.6       | 45.47 | 179.8       | 61.93 | 191.2       | 67.86 | 192.8       | 68.00 | 194.9       | 68.17 | 195.0       | 69.41 |
|        | 46                              | 125.1                        | 48.25 | 141.1       | 50.71 | 169.9       | 64.36 | 170.7       | 64.43 | 172.4       | 64.62 | 174.2       | 64.89 | 174.0       | 65.68 |
|        | 48                              | 119.2                        | 49.34 | 138.7       | 56.38 | 152.2       | 62.71 | 153.3       | 62.90 | 154.5       | 63.04 | 156.1       | 63.13 | 156.0       | 64.03 |
|        | 50                              | 116.1                        | 52.49 | 133.4       | 60.71 | 134.9       | 60.64 | 135.8       | 60.69 | 136.8       | 60.98 | 138.5       | 61.05 | 138.1       | 61.83 |
|        | 52                              | 112.6                        | 56.97 | 113.3       | 56.20 | 116.2       | 54.57 | 117.0       | 54.11 | 118.3       | 54.15 | 120.0       | 53.89 | 120.8       | 54.37 |
| 120    | 10                              | 37.00                        | 3.07  | 58.10       | 4.72  | 78.70       | 6.25  | 83.00       | 6.50  | 86.90       | 6.54  | 92.40       | 6.62  | 97.50       | 6.91  |
|        | 12                              | 37.00                        | 2.99  | 58.10       | 4.58  | 78.70       | 6.11  | 83.00       | 6.34  | 86.90       | 6.44  | 92.40       | 6.57  | 97.50       | 6.89  |
|        | 14                              | 37.00                        | 2.86  | 58.10       | 4.48  | 78.70       | 6.02  | 83.00       | 6.25  | 86.90       | 6.38  | 92.40       | 6.49  | 97.50       | 6.86  |
|        | 16                              | 37.00                        | 2.73  | 58.10       | 4.36  | 78.70       | 5.99  | 83.00       | 6.24  | 86.90       | 6.36  | 92.40       | 6.49  | 97.50       | 7.02  |
|        | 18                              | 37.00                        | 2.69  | 58.10       | 4.34  | 78.70       | 6.08  | 83.00       | 6.36  | 86.90       | 6.53  | 92.40       | 6.80  | 97.50       | 7.47  |
|        | 20                              | 37.00                        | 2.69  | 58.10       | 4.49  | 78.70       | 6.53  | 83.00       | 6.98  | 86.90       | 7.24  | 92.40       | 7.76  | 97.50       | 8.98  |
|        | 21                              | 41.80                        | 3.28  | 62.50       | 5.46  | 83.10       | 8.55  | 87.10       | 9.22  | 90.80       | 9.46  | 95.80       | 9.84  | 100.7       | 10.65 |
|        | 23                              | 51.80                        | 7.95  | 71.70       | 9.59  | 91.60       | 11.29 | 95.20       | 11.56 | 98.80       | 11.72 | 103.0       | 12.16 | 107.1       | 12.98 |
|        | 25                              | 61.90                        | 9.70  | 81.20       | 11.79 | 100.5       | 13.92 | 103.8       | 14.36 | 107.0       | 14.65 | 110.3       | 15.23 | 113.8       | 16.09 |
|        | 27                              | 72.10                        | 12.18 | 91.00       | 14.70 | 109.6       | 17.62 | 112.5       | 18.06 | 115.2       | 18.73 | 117.9       | 19.12 | 127.3       | 21.39 |
|        | 29                              | 82.80                        | 15.57 | 100.9       | 18.53 | 119.0       | 21.68 | 121.2       | 22.38 | 123.8       | 23.05 | 130.9       | 24.56 | 150.6       | 30.07 |
|        | 31                              | 93.60                        | 19.52 | 111.1       | 22.79 | 128.5       | 26.37 | 130.5       | 27.42 | 139.3       | 30.15 | 154.7       | 34.57 | 173.8       | 41.73 |
|        | 33                              | 104.7                        | 24.22 | 121.6       | 28.04 | 138.2       | 32.29 | 149.7       | 37.05 | 164.0       | 42.50 | 178.7       | 47.88 | 197.0       | 57.12 |
|        | 35                              | 116.2                        | 30.16 | 132.4       | 34.55 | 162.2       | 44.73 | 174.8       | 52.49 | 188.4       | 58.75 | 202.3       | 65.28 | 222.0       | 76.09 |
|        | 37                              | 116.2                        | 32.30 | 132.4       | 36.74 | 162.2       | 47.93 | 174.8       | 54.69 | 188.4       | 60.85 | 204.8       | 68.73 | 226.7       | 80.23 |
|        | 39                              | 116.2                        | 34.62 | 132.4       | 39.10 | 162.2       | 50.13 | 174.6       | 55.04 | 192.3       | 63.44 | 209.7       | 71.99 | 218.4       | 77.29 |
|        | 41                              | 116.2                        | 37.58 | 132.4       | 42.44 | 161.0       | 50.46 | 176.9       | 57.75 | 195.2       | 66.87 | 204.7       | 71.33 | 204.5       | 72.52 |
|        | 43                              | 116.2                        | 40.73 | 132.0       | 43.64 | 163.6       | 54.86 | 180.2       | 62.98 | 189.8       | 67.92 | 191.7       | 67.91 | 191.4       | 69.04 |
|        | 46                              | 114.6                        | 45.38 | 128.2       | 45.11 | 166.6       | 63.30 | 168.4       | 64.05 | 169.2       | 64.14 | 171.1       | 64.18 | 171.2       | 65.18 |
|        | 48                              | 109.4                        | 46.45 | 126.4       | 50.25 | 150.3       | 62.45 | 150.9       | 62.54 | 151.6       | 62.66 | 153.4       | 62.71 | 153.3       | 63.60 |
|        | 50                              | 104.1                        | 47.45 | 123.4       | 55.36 | 133.2       | 60.51 | 134.0       | 60.59 | 135.0       | 60.88 | 136.3       | 60.93 | 136.0       | 61.44 |
|        | 52                              | 101.5                        | 50.94 | 111.5       | 56.21 | 114.2       | 55.16 | 115.1       | 54.90 | 115.9       | 54.58 | 117.3       | 54.39 | 118.4       | 54.89 |
| 110    | 10                              | 33.70                        | 2.76  | 52.80       | 4.33  | 72.20       | 5.81  | 76.00       | 6.11  | 80.50       | 6.30  | 84.60       | 6.45  | 90.70       | 6.70  |
|        | 12                              | 33.70                        | 2.70  | 52.80       | 4.21  | 72.20       | 5.69  | 76.00       | 5.94  | 80.50       | 6.17  | 84.60       | 6.36  | 90.70       | 6.66  |
|        | 14                              | 33.70                        | 2.58  | 52.80       | 4.08  | 72.20       | 5.61  | 76.00       | 5.86  | 80.50       | 6.11  | 84.60       | 6.30  | 90.70       | 6.63  |
|        | 16                              | 33.70                        | 2.46  | 52.80       | 3.98  | 72.20       | 5.56  | 76.00       | 5.84  | 80.50       | 6.12  | 84.60       | 6.28  | 90.70       | 6.64  |
|        | 18                              | 33.70                        | 2.41  | 52.80       | 3.95  | 72.20       | 5.64  | 76.00       | 5.96  | 80.50       | 6.22  | 84.60       | 6.46  | 90.70       | 6.92  |
|        | 20                              | 33.70                        | 2.41  | 52.80       | 4.02  | 72.20       | 5.99  | 76.00       | 6.36  | 80.50       | 6.78  | 84.60       | 7.12  | 90.70       | 7.93  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 38.10                        | 2.88  | 56.80       | 4.82  | 76.20       | 7.57  | 79.70       | 8.21  | 84.20       | 8.87  | 87.90       | 9.26  | 93.70       | 9.84  |
|        | 23                               | 47.00                        | 7.43  | 65.30       | 9.03  | 84.10       | 10.70 | 87.40       | 10.87 | 91.50       | 11.19 | 94.40       | 11.30 | 99.60       | 11.86 |
|        | 25                               | 56.10                        | 9.04  | 73.80       | 10.87 | 92.30       | 12.97 | 95.10       | 13.30 | 99.00       | 13.71 | 101.3       | 13.79 | 106.0       | 14.62 |
|        | 27                               | 65.50                        | 11.17 | 82.60       | 13.52 | 100.6       | 16.16 | 102.9       | 16.46 | 106.7       | 16.95 | 108.0       | 16.96 | 118.3       | 19.39 |
|        | 29                               | 75.10                        | 14.29 | 91.70       | 16.91 | 109.1       | 19.95 | 111.2       | 20.33 | 114.7       | 20.84 | 119.9       | 21.73 | 140.0       | 26.78 |
|        | 31                               | 85.10                        | 17.89 | 100.9       | 20.70 | 117.9       | 24.11 | 119.6       | 24.55 | 129.1       | 26.76 | 142.0       | 30.01 | 161.7       | 36.49 |
|        | 33                               | 95.10                        | 22.03 | 110.6       | 25.29 | 126.8       | 29.21 | 137.3       | 32.37 | 151.9       | 36.91 | 163.7       | 40.96 | 183.2       | 49.08 |
|        | 35                               | 105.5                        | 27.19 | 120.4       | 31.02 | 148.8       | 39.79 | 160.2       | 44.32 | 174.5       | 50.36 | 185.6       | 55.26 | 204.6       | 65.76 |
|        | 37                               | 105.5                        | 28.95 | 120.4       | 33.04 | 148.8       | 42.30 | 160.2       | 47.38 | 174.5       | 54.02 | 185.6       | 59.09 | 204.3       | 69.79 |
|        | 39                               | 105.5                        | 31.04 | 120.4       | 35.23 | 148.8       | 45.23 | 160.2       | 49.96 | 174.5       | 55.75 | 188.5       | 62.07 | 209.1       | 74.43 |
|        | 41                               | 105.5                        | 33.71 | 120.4       | 38.03 | 148.8       | 47.58 | 160.2       | 52.35 | 176.2       | 59.65 | 191.7       | 67.33 | 201.0       | 74.40 |
|        | 43                               | 105.5                        | 36.29 | 120.4       | 40.76 | 147.6       | 49.51 | 162.3       | 56.31 | 179.1       | 64.52 | 188.4       | 69.02 | 188.2       | 70.07 |
|        | 46                               | 104.1                        | 38.80 | 118.9       | 41.93 | 149.8       | 56.51 | 165.2       | 64.18 | 166.4       | 64.59 | 168.1       | 64.66 | 167.8       | 65.65 |
|        | 48                               | 99.40                        | 40.03 | 114.1       | 43.72 | 147.4       | 62.02 | 148.3       | 62.25 | 149.4       | 62.49 | 150.6       | 62.47 | 150.3       | 63.33 |
|        | 50                               | 94.60                        | 41.08 | 111.5       | 47.74 | 131.0       | 59.50 | 131.9       | 59.87 | 132.5       | 59.91 | 134.0       | 59.82 | 133.6       | 60.63 |
| 100    | 52                               | 90.10                        | 41.15 | 108.2       | 52.50 | 111.8       | 54.10 | 112.8       | 54.31 | 113.5       | 53.84 | 114.3       | 53.47 | 115.9       | 53.93 |
|        | 10                               | 29.70                        | 2.47  | 46.50       | 3.93  | 64.70       | 5.38  | 69.10       | 5.67  | 73.40       | 5.88  | 79.20       | 6.26  | 83.50       | 6.49  |
|        | 12                               | 29.70                        | 2.42  | 46.50       | 3.85  | 64.70       | 5.23  | 69.10       | 5.51  | 73.40       | 5.74  | 79.20       | 6.16  | 83.50       | 6.43  |
|        | 14                               | 29.70                        | 2.32  | 46.50       | 3.71  | 64.70       | 5.13  | 69.10       | 5.41  | 73.40       | 5.66  | 79.20       | 6.11  | 83.50       | 6.38  |
|        | 16                               | 29.70                        | 2.19  | 46.50       | 3.58  | 64.70       | 5.05  | 69.10       | 5.38  | 73.40       | 5.64  | 79.20       | 6.10  | 83.50       | 6.44  |
|        | 18                               | 29.70                        | 2.12  | 46.50       | 3.54  | 64.70       | 5.05  | 69.10       | 5.40  | 73.40       | 5.76  | 79.20       | 6.22  | 83.50       | 6.61  |
|        | 20                               | 29.70                        | 2.13  | 46.50       | 3.58  | 64.70       | 5.32  | 69.10       | 5.76  | 73.40       | 6.15  | 79.20       | 6.70  | 83.50       | 7.39  |
|        | 21                               | 33.60                        | 2.53  | 50.30       | 4.19  | 68.30       | 6.56  | 72.50       | 7.21  | 76.50       | 7.84  | 82.30       | 8.56  | 86.30       | 9.62  |
|        | 23                               | 41.40                        | 6.95  | 57.60       | 8.39  | 75.50       | 10.05 | 79.40       | 10.43 | 83.30       | 10.71 | 88.30       | 10.98 | 91.90       | 11.38 |
|        | 25                               | 49.50                        | 8.31  | 65.20       | 10.04 | 82.70       | 12.16 | 86.50       | 12.64 | 90.10       | 12.97 | 94.80       | 13.14 | 97.50       | 13.66 |
|        | 27                               | 57.70                        | 10.21 | 73.10       | 12.37 | 90.10       | 14.92 | 93.60       | 15.51 | 97.20       | 16.02 | 101.1       | 16.22 | 109.0       | 17.66 |
|        | 29                               | 66.10                        | 12.90 | 81.00       | 15.34 | 97.90       | 18.45 | 101.1       | 19.08 | 104.3       | 19.57 | 112.4       | 20.54 | 129.1       | 24.37 |
|        | 31                               | 74.80                        | 16.31 | 89.20       | 18.75 | 105.7       | 22.24 | 108.8       | 22.94 | 117.5       | 24.72 | 132.8       | 27.77 | 149.0       | 32.62 |
|        | 33                               | 83.80                        | 19.90 | 97.50       | 22.74 | 113.7       | 26.88 | 124.9       | 30.02 | 138.2       | 33.30 | 153.4       | 37.20 | 168.9       | 43.24 |
| 90     | 35                               | 93.00                        | 24.41 | 106.1       | 27.65 | 133.3       | 36.30 | 145.7       | 40.74 | 158.8       | 44.60 | 173.4       | 49.21 | 188.6       | 57.03 |
|        | 37                               | 93.00                        | 26.06 | 106.1       | 29.59 | 133.3       | 38.65 | 145.7       | 43.19 | 158.8       | 47.51 | 172.3       | 52.11 | 187.3       | 60.73 |
|        | 39                               | 93.00                        | 27.86 | 106.1       | 31.67 | 133.3       | 41.13 | 145.7       | 45.77 | 158.8       | 50.14 | 171.3       | 53.68 | 186.2       | 62.34 |
|        | 41                               | 93.00                        | 30.08 | 106.1       | 34.20 | 133.3       | 44.14 | 145.7       | 48.39 | 158.8       | 51.65 | 170.8       | 56.24 | 189.3       | 67.12 |
|        | 43                               | 93.00                        | 32.63 | 106.1       | 37.12 | 133.3       | 46.23 | 145.7       | 50.35 | 158.8       | 56.06 | 173.3       | 62.69 | 184.1       | 70.27 |
|        | 46                               | 91.80                        | 36.38 | 104.8       | 40.84 | 133.5       | 51.03 | 146.9       | 58.71 | 161.7       | 66.89 | 164.7       | 67.55 | 164.0       | 68.63 |
|        | 48                               | 87.80                        | 35.76 | 100.5       | 39.96 | 131.4       | 53.63 | 144.5       | 61.49 | 145.9       | 62.04 | 147.5       | 62.02 | 147.1       | 62.97 |
|        | 50                               | 83.90                        | 35.21 | 97.10       | 39.57 | 127.8       | 55.20 | 129.2       | 56.01 | 129.5       | 56.05 | 131.2       | 56.15 | 130.4       | 56.78 |
|        | 52                               | 79.90                        | 33.48 | 95.30       | 40.71 | 108.1       | 47.86 | 109.8       | 47.63 | 110.7       | 47.23 | 112.3       | 46.76 | 113.2       | 46.94 |
|        | 10                               | 26.80                        | 2.22  | 41.90       | 3.57  | 58.20       | 4.95  | 62.30       | 5.27  | 66.00       | 5.51  | 71.60       | 5.90  | 77.80       | 6.39  |
|        | 12                               | 26.80                        | 2.13  | 41.90       | 3.47  | 58.20       | 4.81  | 62.30       | 5.09  | 66.00       | 5.33  | 71.60       | 5.72  | 77.80       | 6.22  |
|        | 14                               | 26.80                        | 2.02  | 41.90       | 3.29  | 58.20       | 4.60  | 62.30       | 4.95  | 66.00       | 5.19  | 71.60       | 5.57  | 77.80       | 6.07  |
|        | 16                               | 26.80                        | 1.94  | 41.90       | 3.10  | 58.20       | 4.48  | 62.30       | 4.80  | 66.00       | 5.08  | 71.60       | 5.47  | 77.80       | 5.98  |
|        | 18                               | 26.80                        | 1.83  | 41.90       | 3.05  | 58.20       | 4.43  | 62.30       | 4.75  | 66.00       | 5.03  | 71.60       | 5.48  | 77.80       | 6.08  |
|        | 20                               | 26.80                        | 1.83  | 41.90       | 3.07  | 58.20       | 4.55  | 62.30       | 4.92  | 66.00       | 5.27  | 71.60       | 5.82  | 77.80       | 6.64  |
|        | 21                               | 30.10                        | 2.13  | 45.30       | 3.53  | 61.50       | 5.43  | 65.30       | 5.95  | 68.80       | 6.50  | 74.40       | 7.18  | 80.30       | 8.69  |
|        | 23                               | 37.20                        | 6.25  | 51.90       | 7.52  | 67.80       | 9.03  | 71.50       | 9.38  | 74.90       | 9.68  | 79.90       | 10.08 | 85.50       | 10.82 |
|        | 25                               | 44.60                        | 7.40  | 58.70       | 8.92  | 74.30       | 10.75 | 77.80       | 11.23 | 81.10       | 11.59 | 85.50       | 12.07 | 90.90       | 12.84 |
|        | 27                               | 52.00                        | 8.96  | 65.70       | 10.81 | 81.10       | 13.10 | 84.30       | 13.60 | 87.30       | 14.06 | 91.50       | 14.53 | 101.6       | 16.42 |
|        | 29                               | 59.60                        | 11.12 | 72.90       | 13.47 | 88.00       | 16.11 | 90.90       | 16.66 | 93.80       | 17.19 | 101.5       | 18.34 | 120.2       | 22.31 |
|        | 31                               | 67.50                        | 14.33 | 80.20       | 16.45 | 95.10       | 19.32 | 97.90       | 19.91 | 105.8       | 21.62 | 120.1       | 24.39 | 138.8       | 29.49 |
|        | 33                               | 75.40                        | 17.45 | 87.80       | 19.79 | 102.3       | 23.19 | 112.2       | 25.75 | 124.3       | 29.00 | 138.6       | 32.23 | 157.1       | 38.57 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 83.80                        | 21.17 | 95.70       | 23.85 | 120.0       | 30.92 | 131.1       | 34.53 | 142.8       | 38.51 | 157.1       | 42.59 | 174.4       | 50.22 |
|        | 37                              | 83.80                        | 22.51 | 95.70       | 25.41 | 120.0       | 33.00 | 131.1       | 36.79 | 142.8       | 40.95 | 157.1       | 45.38 | 173.4       | 53.20 |
|        | 39                              | 83.80                        | 23.97 | 95.70       | 27.10 | 120.0       | 35.15 | 131.1       | 39.25 | 142.8       | 43.46 | 157.1       | 48.49 | 172.4       | 55.68 |
|        | 41                              | 83.80                        | 26.42 | 95.70       | 29.78 | 120.0       | 38.42 | 131.1       | 42.83 | 142.8       | 46.63 | 156.6       | 50.52 | 169.7       | 57.06 |
|        | 43                              | 83.80                        | 28.77 | 95.70       | 32.44 | 120.0       | 41.94 | 131.1       | 45.57 | 142.8       | 48.79 | 154.9       | 52.92 | 170.6       | 62.53 |
|        | 46                              | 82.70                        | 32.71 | 94.50       | 37.01 | 118.7       | 46.15 | 129.8       | 50.29 | 144.2       | 57.38 | 157.3       | 64.21 | 162.3       | 68.63 |
|        | 48                              | 79.10                        | 32.32 | 90.60       | 36.62 | 115.0       | 46.25 | 128.6       | 53.26 | 141.8       | 60.51 | 146.4       | 62.16 | 145.7       | 63.11 |
|        | 50                              | 75.60                        | 32.01 | 86.70       | 35.81 | 113.6       | 48.33 | 126.9       | 55.51 | 128.3       | 56.51 | 130.1       | 56.10 | 129.4       | 56.95 |
|        | 52                              | 72.10                        | 31.74 | 83.40       | 34.99 | 107.9       | 48.91 | 110.6       | 49.54 | 109.3       | 48.56 | 111.0       | 47.20 | 111.6       | 47.48 |
| 80     | 10                              | 23.60                        | 2.09  | 37.30       | 3.21  | 51.80       | 4.53  | 55.20       | 4.84  | 58.70       | 5.10  | 63.60       | 5.58  | 69.10       | 6.04  |
|        | 12                              | 23.60                        | 1.86  | 37.30       | 3.12  | 51.80       | 4.39  | 55.20       | 4.70  | 58.70       | 4.94  | 63.60       | 5.38  | 69.10       | 5.84  |
|        | 14                              | 23.60                        | 1.78  | 37.30       | 2.97  | 51.80       | 4.19  | 55.20       | 4.47  | 58.70       | 4.72  | 63.60       | 5.21  | 69.10       | 5.65  |
|        | 16                              | 23.60                        | 1.70  | 37.30       | 2.79  | 51.80       | 4.01  | 55.20       | 4.33  | 58.70       | 4.61  | 63.60       | 5.07  | 69.10       | 5.54  |
|        | 18                              | 23.60                        | 1.65  | 37.30       | 2.71  | 51.80       | 3.96  | 55.20       | 4.27  | 58.70       | 4.56  | 63.60       | 5.00  | 69.10       | 5.52  |
|        | 20                              | 23.60                        | 1.60  | 37.30       | 2.70  | 51.80       | 4.02  | 55.20       | 4.35  | 58.70       | 4.68  | 63.60       | 5.18  | 69.10       | 5.90  |
|        | 21                              | 26.80                        | 1.86  | 40.20       | 3.06  | 54.60       | 4.67  | 58.00       | 5.09  | 61.40       | 5.54  | 66.10       | 6.22  | 71.60       | 7.41  |
|        | 23                              | 33.00                        | 5.91  | 46.20       | 7.03  | 60.30       | 8.39  | 63.50       | 8.78  | 66.70       | 9.07  | 71.10       | 9.56  | 76.10       | 10.23 |
|        | 25                              | 39.50                        | 6.86  | 52.20       | 8.25  | 66.10       | 9.93  | 69.20       | 10.29 | 72.20       | 10.70 | 76.20       | 11.30 | 80.90       | 12.03 |
|        | 27                              | 46.20                        | 8.27  | 58.30       | 9.89  | 72.10       | 12.02 | 75.00       | 12.45 | 77.80       | 12.83 | 81.30       | 13.44 | 90.30       | 14.98 |
|        | 29                              | 53.00                        | 10.16 | 64.80       | 12.20 | 78.20       | 14.58 | 80.90       | 15.08 | 83.60       | 15.55 | 90.30       | 16.90 | 106.9       | 20.11 |
|        | 31                              | 59.80                        | 12.88 | 71.20       | 15.00 | 84.50       | 17.51 | 86.90       | 18.02 | 94.10       | 19.44 | 106.7       | 22.28 | 123.4       | 26.14 |
|        | 33                              | 67.00                        | 15.86 | 78.10       | 17.98 | 91.00       | 20.82 | 99.80       | 22.99 | 110.6       | 25.73 | 123.1       | 29.09 | 140.0       | 33.79 |
|        | 35                              | 74.40                        | 19.20 | 84.90       | 21.47 | 106.6       | 27.40 | 116.5       | 30.40 | 127.2       | 33.85 | 139.7       | 37.82 | 156.4       | 43.75 |
|        | 37                              | 74.40                        | 20.37 | 84.90       | 22.86 | 106.6       | 29.18 | 116.5       | 32.42 | 127.2       | 36.05 | 139.7       | 40.20 | 156.4       | 46.62 |
|        | 39                              | 74.40                        | 21.64 | 84.90       | 24.31 | 106.6       | 31.19 | 116.5       | 34.72 | 127.2       | 38.60 | 139.7       | 42.75 | 156.4       | 49.84 |
|        | 41                              | 74.40                        | 23.78 | 84.90       | 26.71 | 106.6       | 34.14 | 116.5       | 37.97 | 127.2       | 42.25 | 139.7       | 46.38 | 156.2       | 53.73 |
|        | 43                              | 74.40                        | 26.10 | 84.90       | 29.23 | 106.6       | 37.31 | 116.5       | 41.42 | 127.2       | 45.75 | 139.7       | 48.97 | 153.9       | 55.77 |
|        | 46                              | 73.50                        | 29.53 | 83.80       | 33.25 | 105.3       | 41.98 | 115.2       | 45.70 | 125.7       | 50.17 | 138.3       | 54.74 | 152.7       | 63.91 |
|        | 48                              | 70.30                        | 29.16 | 80.40       | 32.87 | 101.1       | 41.25 | 110.6       | 44.81 | 123.2       | 51.68 | 136.2       | 57.28 | 144.2       | 63.11 |
|        | 50                              | 67.10                        | 28.86 | 76.90       | 32.53 | 97.20       | 40.49 | 108.6       | 46.22 | 121.8       | 53.94 | 128.8       | 56.20 | 127.9       | 56.95 |
|        | 52                              | 63.90                        | 28.59 | 73.40       | 31.09 | 95.60       | 41.99 | 105.5       | 47.66 | 108.8       | 49.94 | 109.4       | 47.78 | 110.2       | 48.09 |
| 70     | 10                              | 20.70                        | 1.88  | 32.60       | 2.75  | 45.30       | 3.91  | 48.40       | 4.22  | 51.30       | 4.48  | 55.70       | 4.92  | 60.50       | 5.45  |
|        | 12                              | 20.70                        | 1.54  | 32.60       | 2.61  | 45.30       | 3.82  | 48.40       | 4.09  | 51.30       | 4.34  | 55.70       | 4.77  | 60.50       | 5.27  |
|        | 14                              | 20.70                        | 1.50  | 32.60       | 2.51  | 45.30       | 3.61  | 48.40       | 3.89  | 51.30       | 4.14  | 55.70       | 4.54  | 60.50       | 5.03  |
|        | 16                              | 20.70                        | 1.44  | 32.60       | 2.38  | 45.30       | 3.43  | 48.40       | 3.70  | 51.30       | 3.98  | 55.70       | 4.39  | 60.50       | 4.90  |
|        | 18                              | 20.70                        | 1.39  | 32.60       | 2.29  | 45.30       | 3.37  | 48.40       | 3.65  | 51.30       | 3.92  | 55.70       | 4.33  | 60.50       | 4.85  |
|        | 20                              | 20.70                        | 1.35  | 32.60       | 2.26  | 45.30       | 3.38  | 48.40       | 3.70  | 51.30       | 3.97  | 55.70       | 4.41  | 60.50       | 5.06  |
|        | 21                              | 23.50                        | 1.54  | 35.20       | 2.53  | 47.80       | 3.84  | 50.80       | 4.21  | 53.70       | 4.56  | 57.80       | 5.09  | 62.40       | 6.06  |
|        | 23                              | 29.00                        | 4.77  | 40.30       | 6.43  | 52.80       | 7.56  | 55.50       | 7.91  | 58.30       | 8.20  | 62.20       | 8.76  | 66.50       | 9.48  |
|        | 25                              | 34.60                        | 6.16  | 45.70       | 7.40  | 57.80       | 8.87  | 60.50       | 9.26  | 63.00       | 9.55  | 66.60       | 10.15 | 70.70       | 10.87 |
|        | 27                              | 40.40                        | 7.30  | 51.10       | 8.79  | 63.10       | 10.49 | 65.70       | 10.94 | 67.90       | 11.43 | 71.10       | 12.05 | 79.10       | 13.40 |
|        | 29                              | 46.40                        | 8.91  | 56.70       | 10.63 | 68.40       | 12.84 | 70.70       | 13.25 | 73.10       | 13.66 | 78.90       | 14.89 | 93.50       | 17.89 |
|        | 31                              | 52.40                        | 11.11 | 62.50       | 13.29 | 73.90       | 15.44 | 76.00       | 15.89 | 82.20       | 17.04 | 93.40       | 19.53 | 108.0       | 23.05 |
|        | 33                              | 58.70                        | 13.88 | 68.20       | 15.79 | 79.60       | 18.19 | 87.40       | 19.93 | 96.70       | 22.15 | 107.8       | 25.18 | 122.4       | 29.57 |
|        | 35                              | 65.20                        | 16.83 | 74.30       | 18.82 | 93.30       | 23.55 | 101.9       | 25.95 | 111.2       | 28.70 | 122.0       | 32.40 | 136.7       | 37.74 |
|        | 37                              | 65.20                        | 17.90 | 74.30       | 19.98 | 93.30       | 25.07 | 101.9       | 27.66 | 111.2       | 30.62 | 122.0       | 34.55 | 136.7       | 40.10 |
|        | 39                              | 65.20                        | 19.05 | 74.30       | 21.31 | 93.30       | 26.82 | 101.9       | 29.64 | 111.2       | 32.83 | 122.0       | 36.94 | 136.7       | 42.97 |
|        | 41                              | 65.20                        | 20.94 | 74.30       | 23.31 | 93.30       | 29.32 | 101.9       | 32.44 | 111.2       | 35.81 | 122.0       | 40.47 | 136.7       | 46.73 |
|        | 43                              | 65.20                        | 22.91 | 74.30       | 25.47 | 93.30       | 32.04 | 101.9       | 35.41 | 111.2       | 39.09 | 122.0       | 44.24 | 136.7       | 50.86 |
|        | 46                              | 64.40                        | 25.89 | 73.30       | 28.94 | 92.20       | 36.41 | 100.8       | 40.02 | 109.9       | 43.84 | 120.6       | 49.10 | 135.0       | 55.58 |
|        | 48                              | 61.70                        | 25.62 | 70.30       | 28.65 | 88.50       | 36.06 | 96.70       | 39.62 | 105.5       | 43.12 | 115.7       | 48.01 | 131.2       | 55.66 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 58.90                        | 25.38 | 67.20       | 28.40 | 84.80       | 35.74 | 92.70       | 38.59 | 102.0       | 42.83 | 114.0       | 49.69 | 128.6       | 57.35 |
|        | 52                         | 56.10                        | 25.21 | 64.20       | 28.19 | 81.00       | 33.88 | 90.00       | 38.50 | 100.3       | 44.72 | 107.9       | 49.75 | 111.2       | 49.96 |
| 60     | 10                         | 17.80                        | 1.69  | 27.90       | 2.44  | 38.80       | 3.28  | 41.50       | 3.55  | 44.10       | 3.79  | 47.80       | 4.20  | 51.80       | 4.68  |
|        | 12                         | 17.80                        | 1.28  | 27.90       | 2.11  | 38.80       | 3.14  | 41.50       | 3.46  | 44.10       | 3.70  | 47.80       | 4.07  | 51.80       | 4.54  |
|        | 14                         | 17.80                        | 1.24  | 27.90       | 2.04  | 38.80       | 3.02  | 41.50       | 3.28  | 44.10       | 3.52  | 47.80       | 3.87  | 51.80       | 4.31  |
|        | 16                         | 17.80                        | 1.21  | 27.90       | 1.97  | 38.80       | 2.86  | 41.50       | 3.10  | 44.10       | 3.33  | 47.80       | 3.66  | 51.80       | 4.12  |
|        | 18                         | 17.80                        | 1.17  | 27.90       | 1.89  | 38.80       | 2.76  | 41.50       | 3.02  | 44.10       | 3.24  | 47.80       | 3.62  | 51.80       | 4.05  |
|        | 20                         | 17.80                        | 1.11  | 27.90       | 1.85  | 38.80       | 2.77  | 41.50       | 3.02  | 44.10       | 3.28  | 47.80       | 3.65  | 51.80       | 4.16  |
|        | 21                         | 20.10                        | 1.26  | 30.10       | 2.02  | 41.00       | 3.09  | 43.50       | 3.36  | 46.00       | 3.67  | 49.70       | 4.08  | 53.70       | 4.79  |
|        | 23                         | 24.90                        | 3.24  | 34.50       | 5.02  | 45.30       | 6.78  | 47.70       | 7.07  | 50.00       | 7.32  | 53.20       | 7.79  | 57.20       | 8.53  |
|        | 25                         | 30.90                        | 5.71  | 39.20       | 6.54  | 49.60       | 7.73  | 51.80       | 8.11  | 54.00       | 8.41  | 57.20       | 8.97  | 60.70       | 9.73  |
|        | 27                         | 34.60                        | 6.45  | 43.70       | 7.61  | 54.00       | 9.08  | 56.20       | 9.49  | 58.30       | 9.82  | 61.00       | 10.42 | 67.80       | 11.82 |
|        | 29                         | 39.70                        | 7.72  | 48.50       | 9.13  | 58.70       | 10.90 | 60.70       | 11.42 | 62.60       | 11.90 | 67.70       | 12.89 | 80.30       | 15.57 |
|        | 31                         | 44.90                        | 9.50  | 53.50       | 11.27 | 63.40       | 13.39 | 65.20       | 13.80 | 70.60       | 14.77 | 80.20       | 16.75 | 92.60       | 19.91 |
|        | 33                         | 50.40                        | 11.91 | 58.50       | 13.68 | 68.30       | 15.71 | 75.00       | 17.16 | 83.00       | 18.90 | 92.50       | 21.24 | 105.1       | 25.17 |
|        | 35                         | 55.90                        | 14.43 | 63.60       | 16.20 | 79.90       | 20.04 | 87.40       | 21.91 | 95.30       | 24.03 | 104.7       | 26.92 | 117.4       | 31.71 |
|        | 37                         | 55.90                        | 15.27 | 63.60       | 17.17 | 79.90       | 21.30 | 87.40       | 23.34 | 95.30       | 25.60 | 104.7       | 28.66 | 117.4       | 33.79 |
|        | 39                         | 55.90                        | 16.33 | 63.60       | 18.31 | 79.90       | 22.85 | 87.40       | 24.95 | 95.30       | 27.41 | 104.7       | 30.68 | 117.4       | 36.16 |
|        | 41                         | 55.90                        | 17.77 | 63.60       | 20.00 | 79.90       | 24.88 | 87.40       | 27.27 | 95.30       | 29.87 | 104.7       | 33.59 | 117.4       | 39.48 |
|        | 43                         | 55.90                        | 19.39 | 63.60       | 21.88 | 79.90       | 27.17 | 87.40       | 29.78 | 95.30       | 32.60 | 104.7       | 36.74 | 117.4       | 43.21 |
|        | 46                         | 55.20                        | 22.01 | 62.90       | 24.90 | 79.00       | 30.85 | 86.40       | 33.79 | 94.20       | 37.01 | 103.5       | 41.74 | 115.9       | 49.39 |
|        | 48                         | 52.80                        | 21.85 | 60.20       | 24.69 | 75.80       | 30.62 | 83.00       | 33.50 | 90.50       | 36.67 | 99.30       | 41.19 | 110.9       | 48.13 |
|        | 50                         | 50.40                        | 21.77 | 57.60       | 24.54 | 72.60       | 30.41 | 79.50       | 33.25 | 86.70       | 36.42 | 95.00       | 40.15 | 106.0       | 46.74 |
|        | 52                         | 48.00                        | 21.79 | 55.00       | 24.41 | 69.50       | 30.24 | 76.00       | 31.88 | 83.00       | 34.58 | 91.80       | 39.62 | 103.7       | 47.76 |
| 50     | 10                         | 14.90                        | 1.71  | 23.20       | 2.15  | 32.30       | 2.82  | 34.50       | 2.94  | 36.70       | 3.07  | 39.80       | 3.40  | 43.30       | 3.79  |
|        | 12                         | 14.90                        | 1.30  | 23.20       | 1.68  | 32.30       | 2.46  | 34.50       | 2.72  | 36.70       | 2.95  | 39.80       | 3.29  | 43.30       | 3.70  |
|        | 14                         | 14.90                        | 1.17  | 23.20       | 1.62  | 32.30       | 2.38  | 34.50       | 2.61  | 36.70       | 2.81  | 39.80       | 3.12  | 43.30       | 3.52  |
|        | 16                         | 14.90                        | 1.14  | 23.20       | 1.58  | 32.30       | 2.29  | 34.50       | 2.48  | 36.70       | 2.68  | 39.80       | 2.99  | 43.30       | 3.33  |
|        | 18                         | 14.90                        | 1.08  | 23.20       | 1.51  | 32.30       | 2.19  | 34.50       | 2.39  | 36.70       | 2.57  | 39.80       | 2.88  | 43.30       | 3.23  |
|        | 20                         | 14.90                        | 1.04  | 23.20       | 1.47  | 32.30       | 2.16  | 34.50       | 2.36  | 36.70       | 2.58  | 39.80       | 2.88  | 43.30       | 3.28  |
|        | 21                         | 16.80                        | 1.04  | 25.10       | 1.58  | 34.20       | 2.36  | 36.30       | 2.59  | 38.30       | 2.81  | 41.40       | 3.13  | 44.70       | 3.63  |
|        | 23                         | 20.70                        | 2.17  | 28.90       | 3.26  | 37.60       | 5.82  | 39.70       | 6.20  | 41.60       | 6.45  | 44.30       | 6.85  | 47.60       | 7.39  |
|        | 25                         | 29.70                        | 5.58  | 32.70       | 5.72  | 41.30       | 6.69  | 43.10       | 6.96  | 45.00       | 7.24  | 47.50       | 7.70  | 50.50       | 8.37  |
|        | 27                         | 29.40                        | 5.80  | 36.50       | 6.52  | 45.10       | 7.73  | 46.80       | 8.05  | 48.50       | 8.36  | 50.80       | 8.88  | 56.60       | 9.98  |
|        | 29                         | 33.10                        | 6.73  | 40.60       | 7.75  | 48.80       | 9.14  | 50.50       | 9.50  | 52.10       | 9.87  | 56.50       | 10.81 | 66.90       | 12.91 |
|        | 31                         | 37.50                        | 8.08  | 44.50       | 9.30  | 52.80       | 11.12 | 54.30       | 11.62 | 58.70       | 12.54 | 66.60       | 14.15 | 77.20       | 16.61 |
|        | 33                         | 41.80                        | 10.03 | 48.90       | 11.54 | 56.90       | 13.24 | 62.30       | 14.43 | 69.10       | 15.85 | 77.00       | 17.68 | 87.50       | 20.61 |
|        | 35                         | 46.60                        | 12.28 | 53.10       | 13.53 | 66.80       | 16.80 | 72.80       | 18.26 | 79.30       | 19.83 | 87.30       | 21.95 | 97.70       | 25.56 |
|        | 37                         | 46.60                        | 13.12 | 53.10       | 14.45 | 66.80       | 17.84 | 72.80       | 19.40 | 79.30       | 21.09 | 87.30       | 23.42 | 97.70       | 27.22 |
|        | 39                         | 46.60                        | 13.91 | 53.10       | 15.37 | 66.80       | 19.06 | 72.80       | 20.75 | 79.30       | 22.55 | 87.30       | 24.98 | 97.70       | 29.21 |
|        | 41                         | 46.60                        | 15.06 | 53.10       | 16.67 | 66.80       | 20.81 | 72.80       | 22.58 | 79.30       | 24.52 | 87.30       | 27.34 | 97.70       | 31.86 |
|        | 43                         | 46.60                        | 16.36 | 53.10       | 18.18 | 66.80       | 22.71 | 72.80       | 24.64 | 79.30       | 26.77 | 87.30       | 29.88 | 97.70       | 34.85 |
|        | 46                         | 46.00                        | 18.45 | 52.40       | 20.63 | 66.00       | 25.75 | 72.00       | 27.95 | 78.40       | 30.36 | 86.30       | 33.93 | 96.60       | 39.63 |
|        | 48                         | 44.00                        | 18.25 | 50.20       | 20.49 | 63.40       | 25.58 | 69.10       | 27.77 | 75.30       | 30.13 | 82.80       | 33.58 | 92.40       | 39.05 |
|        | 50                         | 42.00                        | 18.14 | 48.00       | 20.45 | 60.70       | 25.47 | 66.20       | 27.62 | 72.20       | 29.99 | 79.20       | 33.26 | 88.40       | 38.49 |
|        | 52                         | 40.10                        | 18.07 | 45.80       | 20.48 | 58.00       | 25.40 | 63.40       | 27.54 | 69.00       | 29.90 | 75.70       | 31.97 | 84.20       | 36.70 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM640LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 41.90                        | 3.70  | 65.60       | 5.44  | 88.30       | 6.85  | 92.80       | 6.89  | 97.10       | 6.96  | 102.9       | 7.17  | 108.6       | 7.54  |
|        | 12                         | 41.90                        | 3.57  | 65.60       | 5.28  | 88.30       | 6.73  | 92.80       | 6.77  | 97.10       | 6.89  | 102.9       | 7.11  | 108.6       | 7.56  |
|        | 14                         | 41.90                        | 3.39  | 65.60       | 5.13  | 88.30       | 6.63  | 92.80       | 6.72  | 97.10       | 6.79  | 102.9       | 7.12  | 108.6       | 7.65  |
|        | 16                         | 41.90                        | 3.28  | 65.60       | 5.03  | 88.30       | 6.67  | 92.80       | 6.74  | 97.10       | 6.92  | 102.9       | 7.29  | 108.6       | 7.95  |
|        | 18                         | 41.90                        | 3.22  | 65.60       | 5.02  | 88.30       | 6.78  | 92.80       | 7.01  | 97.10       | 7.30  | 102.9       | 7.78  | 108.6       | 8.73  |
|        | 20                         | 41.90                        | 3.23  | 65.60       | 5.24  | 88.30       | 7.45  | 92.80       | 7.96  | 97.10       | 8.56  | 102.9       | 9.48  | 108.6       | 10.91 |
|        | 21                         | 47.50                        | 3.97  | 70.80       | 6.52  | 92.90       | 9.89  | 97.30       | 10.42 | 101.5       | 10.77 | 106.7       | 11.41 | 112.1       | 12.22 |
|        | 23                         | 58.50                        | 8.74  | 81.20       | 10.46 | 102.6       | 12.26 | 106.6       | 13.22 | 110.3       | 13.91 | 114.8       | 14.46 | 119.5       | 15.42 |
|        | 25                         | 70.10                        | 10.86 | 92.00       | 13.06 | 112.7       | 15.52 | 116.1       | 17.18 | 119.4       | 17.95 | 122.9       | 18.52 | 126.9       | 19.66 |
|        | 27                         | 81.70                        | 13.93 | 103.0       | 16.59 | 122.8       | 20.00 | 125.8       | 22.65 | 128.6       | 23.18 | 131.3       | 23.64 | 141.8       | 26.64 |
|        | 29                         | 93.70                        | 17.95 | 114.1       | 21.06 | 133.2       | 25.28 | 135.7       | 28.47 | 138.0       | 29.01 | 145.8       | 30.90 | 168.2       | 38.48 |
|        | 31                         | 106.0                        | 22.63 | 125.8       | 26.04 | 144.0       | 31.45 | 145.9       | 34.27 | 155.5       | 37.30 | 172.1       | 42.78 | 194.9       | 52.74 |
|        | 33                         | 118.7                        | 28.44 | 137.5       | 32.52 | 155.0       | 39.18 | 167.4       | 45.28 | 182.8       | 51.54 | 198.6       | 58.20 | 222.5       | 70.98 |
|        | 35                         | 131.5                        | 35.81 | 149.8       | 40.36 | 181.7       | 55.84 | 195.2       | 62.19 | 210.3       | 70.13 | 229.0       | 78.38 | 253.5       | 89.55 |
|        | 37                         | 131.5                        | 38.22 | 149.8       | 43.02 | 181.2       | 57.97 | 194.3       | 64.19 | 214.6       | 74.34 | 233.6       | 82.67 | 241.9       | 86.89 |
|        | 39                         | 131.5                        | 40.76 | 149.8       | 45.94 | 180.3       | 58.25 | 198.8       | 67.27 | 219.2       | 77.78 | 229.6       | 81.74 | 229.7       | 82.46 |
|        | 41                         | 131.5                        | 44.13 | 148.0       | 48.39 | 183.0       | 61.51 | 201.4       | 71.28 | 213.1       | 76.88 | 215.6       | 77.19 | 215.3       | 78.09 |
|        | 43                         | 131.5                        | 47.63 | 145.4       | 48.43 | 185.9       | 66.68 | 197.9       | 73.35 | 199.7       | 73.50 | 202.0       | 73.73 | 202.1       | 75.05 |
|        | 46                         | 129.6                        | 52.09 | 145.4       | 53.99 | 175.8       | 69.40 | 176.7       | 69.48 | 178.6       | 69.72 | 180.6       | 69.96 | 180.7       | 71.00 |
|        | 48                         | 123.3                        | 53.09 | 142.6       | 60.22 | 157.4       | 67.70 | 158.7       | 67.96 | 159.8       | 68.07 | 161.6       | 68.20 | 161.6       | 69.21 |
|        | 50                         | 119.1                        | 55.94 | 137.7       | 65.74 | 139.3       | 65.58 | 140.4       | 65.72 | 141.4       | 65.97 | 143.2       | 66.09 | 142.8       | 66.92 |
|        | 52                         | 115.7                        | 62.75 | 115.4       | 61.47 | 119.0       | 59.96 | 120.1       | 59.60 | 121.6       | 59.74 | 123.5       | 59.53 | 124.8       | 60.21 |
| 120    | 10                         | 38.40                        | 3.40  | 60.20       | 5.10  | 81.40       | 6.59  | 85.70       | 6.81  | 89.60       | 6.79  | 95.20       | 6.90  | 100.5       | 7.22  |
|        | 12                         | 38.40                        | 3.29  | 60.20       | 4.93  | 81.40       | 6.44  | 85.70       | 6.63  | 89.60       | 6.69  | 95.20       | 6.86  | 100.5       | 7.22  |
|        | 14                         | 38.40                        | 3.14  | 60.20       | 4.80  | 81.40       | 6.34  | 85.70       | 6.54  | 89.60       | 6.64  | 95.20       | 6.81  | 100.5       | 7.21  |
|        | 16                         | 38.40                        | 2.99  | 60.20       | 4.66  | 81.40       | 6.30  | 85.70       | 6.53  | 89.60       | 6.63  | 95.20       | 6.83  | 100.5       | 7.39  |
|        | 18                         | 38.40                        | 2.93  | 60.20       | 4.64  | 81.40       | 6.40  | 85.70       | 6.66  | 89.60       | 6.84  | 95.20       | 7.17  | 100.5       | 7.88  |
|        | 20                         | 38.40                        | 2.92  | 60.20       | 4.78  | 81.40       | 6.88  | 85.70       | 7.32  | 89.60       | 7.62  | 95.20       | 8.25  | 100.5       | 9.57  |
|        | 21                         | 43.30                        | 3.56  | 64.70       | 5.84  | 85.90       | 9.05  | 89.90       | 9.72  | 93.70       | 9.94  | 98.70       | 10.32 | 103.8       | 11.17 |
|        | 23                         | 53.70                        | 8.30  | 74.30       | 9.96  | 94.70       | 11.75 | 98.30       | 12.02 | 101.9       | 12.33 | 106.2       | 12.81 | 110.4       | 13.70 |
|        | 25                         | 64.20                        | 10.18 | 84.10       | 12.35 | 103.9       | 14.58 | 107.1       | 15.03 | 110.3       | 15.54 | 113.8       | 16.14 | 117.3       | 17.07 |
|        | 27                         | 74.70                        | 12.87 | 94.30       | 15.51 | 113.3       | 18.53 | 116.1       | 19.05 | 118.8       | 19.95 | 121.6       | 20.38 | 131.2       | 22.80 |
|        | 29                         | 85.80                        | 16.55 | 104.5       | 19.63 | 123.0       | 22.83 | 125.1       | 23.71 | 127.6       | 24.60 | 135.0       | 26.25 | 155.2       | 32.24 |
|        | 31                         | 97.00                        | 20.81 | 115.0       | 24.21 | 132.8       | 27.82 | 134.7       | 29.25 | 143.7       | 32.34 | 159.5       | 37.17 | 179.2       | 44.98 |
|        | 33                         | 108.6                        | 25.93 | 125.9       | 29.89 | 142.9       | 34.15 | 154.5       | 39.89 | 169.1       | 45.84 | 184.2       | 51.71 | 203.1       | 61.82 |
|        | 35                         | 120.4                        | 32.39 | 137.1       | 36.94 | 167.6       | 47.70 | 180.4       | 56.93 | 194.2       | 63.66 | 208.6       | 70.57 | 230.6       | 81.93 |
|        | 37                         | 120.4                        | 34.71 | 137.1       | 39.25 | 167.6       | 51.32 | 180.4       | 59.10 | 194.6       | 65.89 | 212.5       | 74.42 | 235.2       | 86.20 |
|        | 39                         | 120.4                        | 37.21 | 137.1       | 41.75 | 167.6       | 54.01 | 180.3       | 59.46 | 199.2       | 69.05 | 217.4       | 77.62 | 225.7       | 82.71 |
|        | 41                         | 120.4                        | 40.47 | 137.1       | 45.37 | 166.5       | 54.62 | 183.2       | 62.80 | 202.1       | 72.97 | 211.7       | 77.09 | 211.7       | 78.19 |
|        | 43                         | 120.4                        | 43.96 | 136.7       | 46.64 | 169.1       | 58.85 | 186.3       | 67.84 | 196.2       | 73.36 | 198.4       | 73.40 | 198.3       | 74.67 |
|        | 46                         | 118.8                        | 49.03 | 132.2       | 47.87 | 171.8       | 67.81 | 174.2       | 69.02 | 175.1       | 69.09 | 177.2       | 69.20 | 177.6       | 70.44 |
|        | 48                         | 113.1                        | 50.06 | 129.9       | 53.44 | 155.3       | 67.36 | 155.9       | 67.48 | 156.8       | 67.62 | 158.7       | 67.71 | 158.7       | 68.68 |
|        | 50                         | 107.3                        | 51.01 | 126.5       | 59.09 | 137.4       | 65.43 | 138.3       | 65.61 | 139.0       | 65.67 | 140.5       | 65.73 | 140.7       | 66.54 |
|        | 52                         | 104.4                        | 55.34 | 113.4       | 61.36 | 116.7       | 60.53 | 117.6       | 60.32 | 118.7       | 60.03 | 120.4       | 60.01 | 122.0       | 60.55 |
| 110    | 10                         | 34.90                        | 3.08  | 54.70       | 4.72  | 74.60       | 6.19  | 78.40       | 6.45  | 83.10       | 6.60  | 87.20       | 6.71  | 93.50       | 6.95  |
|        | 12                         | 34.90                        | 2.99  | 54.70       | 4.57  | 74.60       | 6.04  | 78.40       | 6.27  | 83.10       | 6.46  | 87.20       | 6.62  | 93.50       | 6.93  |
|        | 14                         | 34.90                        | 2.85  | 54.70       | 4.41  | 74.60       | 5.95  | 78.40       | 6.17  | 83.10       | 6.40  | 87.20       | 6.56  | 93.50       | 6.91  |
|        | 16                         | 34.90                        | 2.71  | 54.70       | 4.29  | 74.60       | 5.88  | 78.40       | 6.14  | 83.10       | 6.41  | 87.20       | 6.55  | 93.50       | 6.95  |
|        | 18                         | 34.90                        | 2.64  | 54.70       | 4.24  | 74.60       | 5.97  | 78.40       | 6.27  | 83.10       | 6.52  | 87.20       | 6.75  | 93.50       | 7.27  |
|        | 20                         | 34.90                        | 2.63  | 54.70       | 4.31  | 74.60       | 6.34  | 78.40       | 6.70  | 83.10       | 7.12  | 87.20       | 7.47  | 93.50       | 8.40  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 39.40                        | 3.14  | 58.80       | 5.18  | 78.80       | 8.04  | 82.30       | 8.69  | 86.90       | 9.36  | 90.60       | 9.76  | 96.60       | 10.31 |
|        | 23                              | 48.70                        | 7.77  | 67.50       | 9.40  | 86.90       | 11.09 | 90.20       | 11.29 | 94.50       | 11.64 | 97.30       | 11.82 | 102.7       | 12.49 |
|        | 25                              | 58.10                        | 9.50  | 76.40       | 11.36 | 95.40       | 13.60 | 98.20       | 13.91 | 102.2       | 14.33 | 104.4       | 14.53 | 109.3       | 15.48 |
|        | 27                              | 67.80                        | 11.79 | 85.50       | 14.26 | 103.9       | 17.01 | 106.3       | 17.29 | 110.1       | 17.81 | 111.4       | 18.00 | 122.0       | 20.64 |
|        | 29                              | 77.90                        | 15.20 | 94.90       | 17.93 | 112.7       | 21.03 | 114.8       | 21.37 | 118.3       | 21.98 | 123.7       | 23.10 | 144.4       | 28.59 |
|        | 31                              | 88.20                        | 19.06 | 104.4       | 21.99 | 121.8       | 25.49 | 123.5       | 25.87 | 133.3       | 28.43 | 146.5       | 32.06 | 166.8       | 39.13 |
|        | 33                              | 98.60                        | 23.56 | 114.4       | 26.95 | 131.0       | 30.93 | 141.7       | 34.22 | 156.8       | 39.54 | 168.8       | 43.95 | 188.9       | 52.82 |
|        | 35                              | 109.3                        | 29.19 | 124.6       | 33.15 | 153.7       | 42.29 | 165.4       | 47.08 | 180.1       | 54.27 | 191.4       | 59.50 | 211.0       | 70.42 |
|        | 37                              | 109.3                        | 31.07 | 124.6       | 35.31 | 153.7       | 44.91 | 165.4       | 50.53 | 180.1       | 58.24 | 191.4       | 63.62 | 211.9       | 74.91 |
|        | 39                              | 109.3                        | 33.33 | 124.6       | 37.64 | 153.7       | 47.98 | 165.4       | 53.60 | 180.1       | 60.24 | 195.2       | 67.52 | 216.8       | 79.92 |
|        | 41                              | 109.3                        | 36.27 | 124.6       | 40.68 | 153.7       | 50.60 | 165.4       | 56.75 | 182.3       | 65.07 | 198.5       | 73.74 | 207.9       | 80.41 |
|        | 43                              | 109.3                        | 39.10 | 124.6       | 43.62 | 152.4       | 53.04 | 167.7       | 60.54 | 185.1       | 69.64 | 194.9       | 74.75 | 194.7       | 75.92 |
|        | 46                              | 107.8                        | 41.70 | 123.0       | 44.79 | 154.4       | 60.35 | 170.2       | 68.81 | 172.2       | 69.77 | 174.1       | 69.86 | 173.8       | 70.88 |
|        | 48                              | 102.7                        | 42.90 | 117.2       | 46.26 | 151.6       | 66.50 | 153.2       | 67.17 | 154.4       | 67.47 | 155.9       | 67.51 | 155.6       | 68.48 |
|        | 50                              | 97.60                        | 43.88 | 114.1       | 50.60 | 135.1       | 64.32 | 135.9       | 64.64 | 136.8       | 64.75 | 138.2       | 64.60 | 138.0       | 65.52 |
| 100    | 52                              | 92.50                        | 43.90 | 110.9       | 57.47 | 113.8       | 58.97 | 115.0       | 59.34 | 115.8       | 58.95 | 116.9       | 58.52 | 119.2       | 59.12 |
|        | 10                              | 30.80                        | 2.77  | 48.10       | 4.33  | 66.80       | 5.79  | 71.40       | 6.05  | 75.70       | 6.22  | 81.80       | 6.59  | 86.20       | 6.79  |
|        | 12                              | 30.80                        | 2.70  | 48.10       | 4.21  | 66.80       | 5.61  | 71.40       | 5.86  | 75.70       | 6.06  | 81.80       | 6.48  | 86.20       | 6.73  |
|        | 14                              | 30.80                        | 2.58  | 48.10       | 4.04  | 66.80       | 5.49  | 71.40       | 5.74  | 75.70       | 5.96  | 81.80       | 6.42  | 86.20       | 6.68  |
|        | 16                              | 30.80                        | 2.43  | 48.10       | 3.88  | 66.80       | 5.39  | 71.40       | 5.70  | 75.70       | 5.94  | 81.80       | 6.41  | 86.20       | 6.74  |
|        | 18                              | 30.80                        | 2.34  | 48.10       | 3.83  | 66.80       | 5.38  | 71.40       | 5.72  | 75.70       | 6.06  | 81.80       | 6.54  | 86.20       | 6.93  |
|        | 20                              | 30.80                        | 2.34  | 48.10       | 3.86  | 66.80       | 5.66  | 71.40       | 6.10  | 75.70       | 6.50  | 81.80       | 7.06  | 86.20       | 7.77  |
|        | 21                              | 34.80                        | 2.77  | 52.00       | 4.52  | 70.60       | 7.00  | 74.90       | 7.67  | 79.00       | 8.31  | 85.00       | 9.06  | 89.00       | 9.95  |
|        | 23                              | 42.90                        | 7.29  | 59.50       | 8.76  | 77.90       | 10.44 | 81.90       | 10.81 | 85.90       | 11.12 | 91.20       | 11.42 | 94.80       | 11.83 |
|        | 25                              | 51.20                        | 8.76  | 67.40       | 10.52 | 85.40       | 12.74 | 89.30       | 13.24 | 92.90       | 13.58 | 97.90       | 13.73 | 100.6       | 14.27 |
|        | 27                              | 59.70                        | 10.79 | 75.50       | 13.05 | 93.10       | 15.72 | 96.70       | 16.33 | 100.2       | 16.83 | 104.5       | 17.02 | 112.5       | 18.61 |
|        | 29                              | 68.40                        | 13.72 | 83.70       | 16.26 | 101.1       | 19.49 | 104.3       | 20.13 | 107.6       | 20.59 | 116.0       | 21.58 | 133.2       | 25.85 |
|        | 31                              | 77.40                        | 17.38 | 92.20       | 19.91 | 109.1       | 23.56 | 112.3       | 24.26 | 121.2       | 26.10 | 137.1       | 29.39 | 153.8       | 34.84 |
|        | 33                              | 86.80                        | 21.27 | 100.8       | 24.23 | 117.5       | 28.55 | 128.9       | 31.89 | 142.6       | 35.28 | 158.4       | 39.64 | 174.3       | 46.48 |
|        | 35                              | 96.20                        | 26.17 | 109.6       | 29.55 | 137.7       | 38.73 | 150.4       | 43.45 | 163.9       | 47.37 | 179.1       | 52.79 | 194.7       | 61.50 |
| 90     | 37                              | 96.20                        | 27.96 | 109.6       | 31.63 | 137.7       | 41.21 | 150.4       | 46.01 | 163.9       | 50.54 | 177.9       | 56.08 | 193.2       | 65.47 |
|        | 39                              | 96.20                        | 29.90 | 109.6       | 33.85 | 137.7       | 43.83 | 150.4       | 48.69 | 163.9       | 53.56 | 176.8       | 57.89 | 192.3       | 67.42 |
|        | 41                              | 96.20                        | 32.33 | 109.6       | 36.62 | 137.7       | 47.05 | 150.4       | 51.56 | 163.9       | 55.64 | 176.5       | 61.01 | 195.8       | 73.06 |
|        | 43                              | 96.20                        | 35.15 | 109.6       | 39.81 | 137.7       | 49.39 | 150.4       | 53.78 | 163.9       | 60.26 | 179.0       | 67.61 | 190.2       | 76.14 |
|        | 46                              | 94.90                        | 39.24 | 108.3       | 43.89 | 137.5       | 54.46 | 151.3       | 62.97 | 166.5       | 72.05 | 170.1       | 73.19 | 169.5       | 74.44 |
|        | 48                              | 90.60                        | 38.28 | 103.5       | 42.61 | 134.9       | 57.08 | 148.3       | 65.78 | 150.5       | 66.89 | 152.3       | 66.97 | 151.9       | 67.96 |
|        | 50                              | 86.30                        | 37.36 | 99.20       | 41.54 | 131.1       | 58.77 | 133.2       | 60.12 | 133.3       | 60.09 | 135.2       | 60.20 | 134.5       | 60.93 |
|        | 52                              | 81.90                        | 35.25 | 97.70       | 43.44 | 109.9       | 51.28 | 111.7       | 51.09 | 112.6       | 50.70 | 114.5       | 50.24 | 116.1       | 50.57 |
|        | 10                              | 27.70                        | 2.50  | 43.30       | 3.97  | 60.10       | 5.39  | 64.30       | 5.69  | 68.10       | 5.90  | 74.00       | 6.29  | 80.50       | 6.78  |
|        | 12                              | 27.70                        | 2.39  | 43.30       | 3.83  | 60.10       | 5.20  | 64.30       | 5.47  | 68.10       | 5.69  | 74.00       | 6.07  | 80.50       | 6.59  |
|        | 14                              | 27.70                        | 2.26  | 43.30       | 3.62  | 60.10       | 4.96  | 64.30       | 5.30  | 68.10       | 5.52  | 74.00       | 5.90  | 80.50       | 6.41  |
|        | 16                              | 27.70                        | 2.16  | 43.30       | 3.40  | 60.10       | 4.82  | 64.30       | 5.12  | 68.10       | 5.39  | 74.00       | 5.78  | 80.50       | 6.31  |
|        | 18                              | 27.70                        | 2.03  | 43.30       | 3.33  | 60.10       | 4.74  | 64.30       | 5.06  | 68.10       | 5.33  | 74.00       | 5.78  | 80.50       | 6.42  |
|        | 20                              | 27.70                        | 2.02  | 43.30       | 3.32  | 60.10       | 4.85  | 64.30       | 5.23  | 68.10       | 5.57  | 74.00       | 6.15  | 80.50       | 7.02  |
|        | 21                              | 31.20                        | 2.35  | 46.80       | 3.82  | 63.50       | 5.81  | 67.50       | 6.34  | 71.00       | 6.90  | 76.90       | 7.61  | 83.10       | 9.23  |
|        | 23                              | 38.50                        | 6.57  | 53.70       | 7.85  | 70.00       | 9.39  | 73.90       | 9.73  | 77.30       | 10.02 | 82.50       | 10.42 | 88.50       | 11.24 |
|        | 25                              | 46.10                        | 7.80  | 60.60       | 9.35  | 76.80       | 11.22 | 80.30       | 11.72 | 83.70       | 12.10 | 88.40       | 12.60 | 94.10       | 13.43 |
|        | 27                              | 53.80                        | 9.48  | 67.80       | 11.36 | 83.80       | 13.77 | 87.00       | 14.29 | 90.10       | 14.74 | 94.50       | 15.23 | 105.1       | 17.26 |
|        | 29                              | 61.60                        | 11.80 | 75.30       | 14.25 | 90.80       | 17.01 | 93.80       | 17.57 | 96.80       | 18.09 | 104.9       | 19.28 | 124.3       | 23.54 |
|        | 31                              | 69.90                        | 15.24 | 82.90       | 17.42 | 98.20       | 20.42 | 101.1       | 21.01 | 109.1       | 22.81 | 124.0       | 25.75 | 143.6       | 31.24 |
|        | 33                              | 78.00                        | 18.58 | 90.70       | 21.02 | 105.6       | 24.57 | 115.9       | 27.29 | 128.2       | 30.73 | 143.2       | 34.15 | 162.4       | 40.96 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 86.70                        | 22.62 | 98.80       | 25.40 | 123.9       | 32.90 | 135.3       | 36.74 | 147.3       | 40.94 | 162.3       | 45.26 | 180.3       | 53.46 |
|        | 37                              | 86.70                        | 24.05 | 98.80       | 27.07 | 123.9       | 35.12 | 135.3       | 39.14 | 147.3       | 43.50 | 162.3       | 48.19 | 179.1       | 56.70 |
|        | 39                              | 86.70                        | 25.61 | 98.80       | 28.86 | 123.9       | 37.38 | 135.3       | 41.73 | 147.3       | 46.11 | 162.3       | 51.45 | 178.1       | 59.57 |
|        | 41                              | 86.70                        | 28.34 | 98.80       | 31.82 | 123.9       | 40.96 | 135.3       | 45.64 | 147.3       | 49.58 | 161.8       | 53.88 | 175.2       | 61.54 |
|        | 43                              | 86.70                        | 30.94 | 98.80       | 34.74 | 123.9       | 44.81 | 135.3       | 48.69 | 147.3       | 52.01 | 159.8       | 56.76 | 176.2       | 67.38 |
|        | 46                              | 85.60                        | 35.30 | 97.70       | 39.79 | 122.4       | 49.56 | 133.5       | 53.67 | 148.4       | 61.45 | 162.0       | 69.05 | 167.7       | 74.44 |
|        | 48                              | 81.60                        | 34.62 | 93.30       | 39.08 | 117.9       | 48.98 | 132.0       | 56.71 | 145.4       | 64.67 | 150.9       | 66.95 | 150.4       | 68.11 |
|        | 50                              | 77.80                        | 34.02 | 89.10       | 37.94 | 116.1       | 51.14 | 129.9       | 59.04 | 132.2       | 60.72 | 134.1       | 60.24 | 133.4       | 61.12 |
|        | 52                              | 73.80                        | 33.43 | 85.40       | 36.95 | 109.6       | 52.45 | 112.5       | 53.33 | 111.1       | 52.26 | 113.0       | 50.68 | 114.3       | 51.16 |
| 80     | 10                              | 24.50                        | 2.28  | 38.60       | 3.60  | 53.50       | 5.00  | 57.00       | 5.31  | 60.60       | 5.55  | 65.70       | 6.04  | 71.50       | 6.51  |
|        | 12                              | 24.50                        | 2.10  | 38.60       | 3.48  | 53.50       | 4.82  | 57.00       | 5.12  | 60.60       | 5.34  | 65.70       | 5.79  | 71.50       | 6.26  |
|        | 14                              | 24.50                        | 2.01  | 38.60       | 3.30  | 53.50       | 4.57  | 57.00       | 4.85  | 60.60       | 5.08  | 65.70       | 5.59  | 71.50       | 6.05  |
|        | 16                              | 24.50                        | 1.91  | 38.60       | 3.09  | 53.50       | 4.36  | 57.00       | 4.68  | 60.60       | 4.95  | 65.70       | 5.43  | 71.50       | 5.91  |
|        | 18                              | 24.50                        | 1.84  | 38.60       | 2.99  | 53.50       | 4.28  | 57.00       | 4.60  | 60.60       | 4.87  | 65.70       | 5.33  | 71.50       | 5.88  |
|        | 20                              | 24.50                        | 1.78  | 38.60       | 2.96  | 53.50       | 4.33  | 57.00       | 4.67  | 60.60       | 4.99  | 65.70       | 5.52  | 71.50       | 6.29  |
|        | 21                              | 27.80                        | 2.07  | 41.50       | 3.34  | 56.40       | 5.03  | 59.90       | 5.46  | 63.40       | 5.92  | 68.30       | 6.64  | 74.00       | 7.93  |
|        | 23                              | 34.20                        | 6.24  | 47.70       | 7.38  | 62.20       | 8.75  | 65.60       | 9.15  | 68.80       | 9.42  | 73.40       | 9.93  | 78.70       | 10.63 |
|        | 25                              | 40.90                        | 7.27  | 53.90       | 8.68  | 68.30       | 10.40 | 71.40       | 10.75 | 74.50       | 11.15 | 78.70       | 11.82 | 83.70       | 12.60 |
|        | 27                              | 47.80                        | 8.78  | 60.20       | 10.43 | 74.40       | 12.66 | 77.40       | 13.09 | 80.30       | 13.47 | 83.90       | 14.12 | 93.40       | 15.78 |
|        | 29                              | 54.80                        | 10.81 | 67.00       | 12.93 | 80.80       | 15.41 | 83.50       | 15.92 | 86.30       | 16.39 | 93.30       | 17.85 | 110.6       | 21.27 |
|        | 31                              | 61.90                        | 13.76 | 73.60       | 15.92 | 87.20       | 18.53 | 89.70       | 19.04 | 97.10       | 20.55 | 110.2       | 23.61 | 127.6       | 27.76 |
|        | 33                              | 69.30                        | 16.95 | 80.70       | 19.12 | 93.90       | 22.09 | 103.1       | 24.41 | 114.1       | 27.33 | 127.2       | 30.97 | 144.8       | 36.00 |
|        | 35                              | 76.90                        | 20.53 | 87.70       | 22.90 | 110.0       | 29.21 | 120.3       | 32.41 | 131.3       | 36.08 | 144.3       | 40.38 | 161.8       | 46.75 |
|        | 37                              | 76.90                        | 21.79 | 87.70       | 24.38 | 110.0       | 31.11 | 120.3       | 34.57 | 131.3       | 38.43 | 144.3       | 42.89 | 161.8       | 49.81 |
|        | 39                              | 76.90                        | 23.14 | 87.70       | 25.93 | 110.0       | 33.25 | 120.3       | 37.02 | 131.3       | 41.13 | 144.3       | 45.58 | 161.8       | 53.24 |
|        | 41                              | 76.90                        | 25.52 | 87.70       | 28.59 | 110.0       | 36.50 | 120.3       | 40.60 | 131.3       | 45.14 | 144.3       | 49.53 | 161.6       | 57.50 |
|        | 43                              | 76.90                        | 28.11 | 87.70       | 31.37 | 110.0       | 39.98 | 120.3       | 44.39 | 131.3       | 49.01 | 144.3       | 52.43 | 158.9       | 59.80 |
|        | 46                              | 76.00                        | 31.90 | 86.60       | 35.81 | 108.7       | 45.16 | 118.8       | 49.16 | 129.6       | 53.98 | 142.4       | 58.63 | 157.3       | 68.78 |
|        | 48                              | 72.50                        | 31.28 | 82.80       | 35.15 | 104.1       | 44.04 | 113.8       | 47.85 | 126.4       | 55.04 | 139.8       | 61.14 | 148.9       | 68.19 |
|        | 50                              | 69.10                        | 30.69 | 79.00       | 34.51 | 99.50       | 42.69 | 110.9       | 48.77 | 124.4       | 57.29 | 132.7       | 60.28 | 131.8       | 61.14 |
|        | 52                              | 65.60                        | 30.15 | 75.10       | 32.76 | 97.80       | 44.86 | 107.8       | 51.47 | 110.5       | 53.75 | 111.2       | 51.29 | 112.6       | 51.74 |
| 70     | 10                              | 21.40                        | 2.07  | 33.70       | 3.08  | 46.80       | 4.36  | 49.90       | 4.68  | 52.90       | 4.94  | 57.50       | 5.40  | 62.50       | 5.97  |
|        | 12                              | 21.40                        | 1.76  | 33.70       | 2.94  | 46.80       | 4.23  | 49.90       | 4.51  | 52.90       | 4.75  | 57.50       | 5.21  | 62.50       | 5.74  |
|        | 14                              | 21.40                        | 1.70  | 33.70       | 2.81  | 46.80       | 3.99  | 49.90       | 4.26  | 52.90       | 4.51  | 57.50       | 4.93  | 62.50       | 5.46  |
|        | 16                              | 21.40                        | 1.63  | 33.70       | 2.66  | 46.80       | 3.77  | 49.90       | 4.05  | 52.90       | 4.32  | 57.50       | 4.75  | 62.50       | 5.29  |
|        | 18                              | 21.40                        | 1.57  | 33.70       | 2.54  | 46.80       | 3.69  | 49.90       | 3.97  | 52.90       | 4.23  | 57.50       | 4.66  | 62.50       | 5.22  |
|        | 20                              | 21.40                        | 1.51  | 33.70       | 2.50  | 46.80       | 3.68  | 49.90       | 4.01  | 52.90       | 4.28  | 57.50       | 4.74  | 62.50       | 5.44  |
|        | 21                              | 24.40                        | 1.72  | 36.30       | 2.79  | 49.30       | 4.17  | 52.40       | 4.55  | 55.40       | 4.90  | 59.80       | 5.47  | 64.60       | 6.53  |
|        | 23                              | 30.10                        | 5.40  | 41.60       | 6.78  | 54.50       | 7.92  | 57.30       | 8.27  | 60.20       | 8.55  | 64.30       | 9.12  | 68.80       | 9.88  |
|        | 25                              | 35.80                        | 6.55  | 47.20       | 7.81  | 59.70       | 9.31  | 62.40       | 9.70  | 65.10       | 9.97  | 68.80       | 10.60 | 73.10       | 11.36 |
|        | 27                              | 41.80                        | 7.77  | 52.80       | 9.30  | 65.10       | 11.04 | 67.80       | 11.49 | 70.10       | 12.01 | 73.40       | 12.67 | 81.80       | 14.13 |
|        | 29                              | 48.10                        | 9.50  | 58.60       | 11.27 | 70.60       | 13.58 | 73.00       | 14.00 | 75.50       | 14.40 | 81.60       | 15.74 | 96.70       | 19.00 |
|        | 31                              | 54.20                        | 11.89 | 64.50       | 14.13 | 76.30       | 16.34 | 78.40       | 16.79 | 84.80       | 18.01 | 96.50       | 20.71 | 111.7       | 24.54 |
|        | 33                              | 60.80                        | 14.85 | 70.50       | 16.81 | 82.10       | 19.29 | 90.20       | 21.15 | 99.80       | 23.52 | 111.4       | 26.83 | 126.6       | 31.62 |
|        | 35                              | 67.50                        | 18.03 | 76.70       | 20.06 | 96.20       | 25.10 | 105.2       | 27.66 | 114.7       | 30.59 | 126.1       | 34.65 | 141.4       | 40.48 |
|        | 37                              | 67.50                        | 19.17 | 76.70       | 21.29 | 96.20       | 26.71 | 105.2       | 29.49 | 114.7       | 32.64 | 126.1       | 36.96 | 141.4       | 42.98 |
|        | 39                              | 67.50                        | 20.39 | 76.70       | 22.71 | 96.20       | 28.57 | 105.2       | 31.61 | 114.7       | 35.01 | 126.1       | 39.51 | 141.4       | 46.07 |
|        | 41                              | 67.50                        | 22.47 | 76.70       | 24.93 | 96.20       | 31.34 | 105.2       | 34.69 | 114.7       | 38.27 | 126.1       | 43.41 | 141.4       | 50.21 |
|        | 43                              | 67.50                        | 24.63 | 76.70       | 27.32 | 96.20       | 34.34 | 105.2       | 37.97 | 114.7       | 41.89 | 126.1       | 47.57 | 141.4       | 54.76 |
|        | 46                              | 66.60                        | 27.93 | 75.80       | 31.13 | 95.10       | 39.15 | 104.0       | 43.02 | 113.4       | 47.16 | 124.5       | 53.03 | 139.6       | 60.12 |
|        | 48                              | 63.60                        | 27.44 | 72.50       | 30.61 | 91.00       | 38.49 | 99.60       | 42.28 | 108.6       | 46.04 | 119.1       | 51.45 | 134.6       | 59.33 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 60.60                        | 26.96 | 69.10       | 30.12 | 87.00       | 37.85 | 95.20       | 40.89 | 104.2       | 45.01 | 116.6       | 52.68 | 132.4       | 61.46 |
|        | 52                              | 57.60                        | 26.55 | 65.70       | 29.64 | 82.90       | 35.66 | 92.10       | 40.80 | 102.6       | 47.96 | 109.5       | 53.43 | 113.7       | 53.83 |
| 60     | 10                              | 18.40                        | 1.84  | 28.80       | 2.68  | 40.10       | 3.68  | 42.80       | 3.98  | 45.50       | 4.23  | 49.40       | 4.67  | 53.60       | 5.21  |
|        | 12                              | 18.40                        | 1.45  | 28.80       | 2.39  | 40.10       | 3.52  | 42.80       | 3.85  | 45.50       | 4.09  | 49.40       | 4.50  | 53.60       | 5.01  |
|        | 14                              | 18.40                        | 1.40  | 28.80       | 2.30  | 40.10       | 3.36  | 42.80       | 3.63  | 45.50       | 3.87  | 49.40       | 4.26  | 53.60       | 4.74  |
|        | 16                              | 18.40                        | 1.36  | 28.80       | 2.21  | 40.10       | 3.18  | 42.80       | 3.42  | 45.50       | 3.66  | 49.40       | 4.02  | 53.60       | 4.51  |
|        | 18                              | 18.40                        | 1.32  | 28.80       | 2.12  | 40.10       | 3.05  | 42.80       | 3.32  | 45.50       | 3.55  | 49.40       | 3.94  | 53.60       | 4.42  |
|        | 20                              | 18.40                        | 1.25  | 28.80       | 2.07  | 40.10       | 3.04  | 42.80       | 3.31  | 45.50       | 3.56  | 49.40       | 3.96  | 53.60       | 4.51  |
|        | 21                              | 20.70                        | 1.42  | 31.10       | 2.25  | 42.30       | 3.39  | 44.80       | 3.68  | 47.50       | 3.98  | 51.30       | 4.42  | 55.50       | 5.20  |
|        | 23                              | 25.70                        | 3.67  | 35.70       | 5.63  | 46.80       | 7.13  | 49.20       | 7.42  | 51.60       | 7.66  | 55.00       | 8.14  | 59.10       | 8.93  |
|        | 25                              | 31.50                        | 6.01  | 40.50       | 6.92  | 51.30       | 8.14  | 53.50       | 8.52  | 55.80       | 8.82  | 59.10       | 9.40  | 62.80       | 10.21 |
|        | 27                              | 35.80                        | 6.86  | 45.20       | 8.07  | 55.80       | 9.59  | 57.90       | 9.99  | 60.20       | 10.31 | 63.00       | 10.94 | 70.10       | 12.48 |
|        | 29                              | 41.10                        | 8.24  | 50.10       | 9.69  | 60.60       | 11.55 | 62.70       | 12.06 | 64.60       | 12.55 | 69.90       | 13.62 | 83.00       | 16.54 |
|        | 31                              | 46.50                        | 10.15 | 55.30       | 12.00 | 65.40       | 14.20 | 67.20       | 14.60 | 72.90       | 15.62 | 82.80       | 17.76 | 95.70       | 21.23 |
|        | 33                              | 52.10                        | 12.74 | 60.50       | 14.57 | 70.50       | 16.68 | 77.40       | 18.20 | 85.60       | 20.05 | 95.50       | 22.62 | 108.6       | 26.94 |
|        | 35                              | 57.80                        | 15.46 | 65.80       | 17.29 | 82.50       | 21.34 | 90.20       | 23.33 | 98.40       | 25.60 | 108.2       | 28.77 | 121.3       | 34.07 |
|        | 37                              | 57.80                        | 16.37 | 65.80       | 18.33 | 82.50       | 22.68 | 90.20       | 24.86 | 98.40       | 27.27 | 108.2       | 30.64 | 121.3       | 36.30 |
|        | 39                              | 57.80                        | 17.50 | 65.80       | 19.54 | 82.50       | 24.34 | 90.20       | 26.59 | 98.40       | 29.21 | 108.2       | 32.81 | 121.3       | 38.85 |
|        | 41                              | 57.80                        | 19.11 | 65.80       | 21.40 | 82.50       | 26.57 | 90.20       | 29.15 | 98.40       | 31.92 | 108.2       | 36.03 | 121.3       | 42.53 |
|        | 43                              | 57.80                        | 20.91 | 65.80       | 23.45 | 82.50       | 29.10 | 90.20       | 31.91 | 98.40       | 34.93 | 108.2       | 39.51 | 121.3       | 46.68 |
|        | 46                              | 57.10                        | 23.85 | 65.00       | 26.76 | 81.50       | 33.16 | 89.10       | 36.33 | 97.20       | 39.78 | 106.9       | 45.03 | 119.8       | 53.56 |
|        | 48                              | 54.40                        | 23.50 | 62.10       | 26.35 | 78.00       | 32.68 | 85.30       | 35.75 | 93.10       | 39.13 | 102.2       | 44.11 | 114.4       | 51.82 |
|        | 50                              | 51.90                        | 23.19 | 59.20       | 25.99 | 74.60       | 32.19 | 81.60       | 35.21 | 89.00       | 38.55 | 97.60       | 42.67 | 109.0       | 49.93 |
|        | 52                              | 49.30                        | 22.95 | 56.40       | 25.65 | 71.00       | 31.75 | 77.80       | 33.53 | 85.00       | 36.37 | 93.90       | 42.05 | 106.2       | 51.34 |
| 50     | 10                              | 15.40                        | 1.79  | 24.00       | 2.35  | 33.40       | 3.08  | 35.60       | 3.20  | 37.90       | 3.45  | 41.20       | 3.82  | 44.80       | 4.27  |
|        | 12                              | 15.40                        | 1.34  | 24.00       | 1.89  | 33.40       | 2.77  | 35.60       | 3.06  | 37.90       | 3.31  | 41.20       | 3.68  | 44.80       | 4.14  |
|        | 14                              | 15.40                        | 1.26  | 24.00       | 1.82  | 33.40       | 2.67  | 35.60       | 2.92  | 37.90       | 3.13  | 41.20       | 3.48  | 44.80       | 3.92  |
|        | 16                              | 15.40                        | 1.23  | 24.00       | 1.77  | 33.40       | 2.57  | 35.60       | 2.77  | 37.90       | 2.98  | 41.20       | 3.32  | 44.80       | 3.70  |
|        | 18                              | 15.40                        | 1.17  | 24.00       | 1.69  | 33.40       | 2.45  | 35.60       | 2.66  | 37.90       | 2.84  | 41.20       | 3.18  | 44.80       | 3.57  |
|        | 20                              | 15.40                        | 1.13  | 24.00       | 1.64  | 33.40       | 2.40  | 35.60       | 2.62  | 37.90       | 2.84  | 41.20       | 3.17  | 44.80       | 3.60  |
|        | 21                              | 17.40                        | 1.17  | 25.90       | 1.77  | 35.30       | 2.62  | 37.40       | 2.86  | 39.50       | 3.08  | 42.80       | 3.44  | 46.20       | 3.99  |
|        | 23                              | 21.40                        | 2.46  | 29.80       | 3.66  | 38.80       | 6.27  | 41.00       | 6.55  | 43.00       | 6.78  | 45.80       | 7.20  | 49.20       | 7.77  |
|        | 25                              | 30.00                        | 5.84  | 33.70       | 6.07  | 42.70       | 7.08  | 44.50       | 7.35  | 46.50       | 7.61  | 49.10       | 8.10  | 52.20       | 8.82  |
|        | 27                              | 30.20                        | 6.14  | 37.70       | 6.93  | 46.50       | 8.19  | 48.30       | 8.50  | 50.00       | 8.82  | 52.60       | 9.35  | 58.50       | 10.55 |
|        | 29                              | 34.20                        | 7.17  | 41.90       | 8.26  | 50.40       | 9.68  | 52.20       | 10.05 | 53.80       | 10.42 | 58.40       | 11.43 | 69.10       | 13.73 |
|        | 31                              | 38.80                        | 8.63  | 46.00       | 9.92  | 54.50       | 11.81 | 56.00       | 12.31 | 60.50       | 13.28 | 68.90       | 15.02 | 79.80       | 17.69 |
|        | 33                              | 43.30                        | 10.72 | 50.50       | 12.30 | 58.70       | 14.07 | 64.40       | 15.34 | 71.30       | 16.83 | 79.50       | 18.81 | 90.40       | 22.05 |
|        | 35                              | 48.20                        | 13.12 | 54.80       | 14.45 | 68.90       | 17.88 | 75.20       | 19.43 | 81.90       | 21.10 | 90.20       | 23.44 | 101.1       | 27.43 |
|        | 37                              | 48.20                        | 14.01 | 54.80       | 15.42 | 68.90       | 18.97 | 75.20       | 20.65 | 81.90       | 22.44 | 90.20       | 25.00 | 101.1       | 29.21 |
|        | 39                              | 48.20                        | 14.86 | 54.80       | 16.42 | 68.90       | 20.28 | 75.20       | 22.09 | 81.90       | 24.01 | 90.20       | 26.69 | 101.1       | 31.35 |
|        | 41                              | 48.20                        | 16.13 | 54.80       | 17.87 | 68.90       | 22.21 | 75.20       | 24.10 | 81.90       | 26.18 | 90.20       | 29.28 | 101.1       | 34.30 |
|        | 43                              | 48.20                        | 17.56 | 54.80       | 19.53 | 68.90       | 24.30 | 75.20       | 26.37 | 81.90       | 28.66 | 90.20       | 32.11 | 101.1       | 37.63 |
|        | 46                              | 47.60                        | 19.88 | 54.20       | 22.27 | 68.10       | 27.65 | 74.30       | 30.02 | 80.80       | 32.60 | 89.10       | 36.59 | 99.80       | 42.94 |
|        | 48                              | 45.40                        | 19.54 | 51.70       | 21.98 | 65.20       | 27.26 | 71.20       | 29.62 | 77.40       | 32.13 | 85.20       | 35.94 | 95.30       | 41.99 |
|        | 50                              | 43.20                        | 19.30 | 49.30       | 21.76 | 62.30       | 26.94 | 68.00       | 29.22 | 74.00       | 31.72 | 81.30       | 35.32 | 90.80       | 41.06 |
|        | 52                              | 41.10                        | 19.09 | 47.00       | 21.61 | 59.40       | 26.64 | 64.90       | 28.90 | 70.60       | 31.36 | 77.50       | 33.70 | 86.40       | 38.86 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM660LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 46.60                        | 4.66  | 71.70       | 6.67  | 92.40       | 7.90  | 95.70       | 7.62  | 98.50       | 7.30  | 104.0       | 7.25  | 109.0       | 7.42  |
|        | 12                               | 46.60                        | 4.43  | 71.70       | 6.36  | 92.40       | 7.62  | 95.70       | 7.32  | 98.50       | 7.07  | 104.0       | 7.06  | 109.0       | 7.33  |
|        | 14                               | 46.60                        | 4.19  | 71.70       | 6.07  | 92.40       | 7.36  | 95.70       | 7.12  | 98.50       | 6.90  | 104.0       | 6.98  | 109.0       | 7.31  |
|        | 16                               | 46.60                        | 4.01  | 71.70       | 5.83  | 92.40       | 7.25  | 95.70       | 7.05  | 98.50       | 6.93  | 104.0       | 7.06  | 109.0       | 7.49  |
|        | 18                               | 46.60                        | 3.88  | 71.70       | 5.76  | 92.40       | 7.26  | 95.70       | 7.22  | 98.50       | 7.21  | 104.0       | 7.45  | 109.0       | 8.13  |
|        | 20                               | 46.60                        | 3.82  | 71.70       | 5.91  | 92.40       | 7.80  | 95.70       | 8.16  | 98.50       | 8.40  | 104.0       | 9.07  | 109.0       | 10.31 |
|        | 21                               | 52.80                        | 4.62  | 77.30       | 7.24  | 97.30       | 10.22 | 100.4       | 10.87 | 103.0       | 10.85 | 107.9       | 11.24 | 112.5       | 11.86 |
|        | 23                               | 65.10                        | 10.23 | 88.70       | 11.67 | 107.4       | 12.78 | 109.9       | 13.93 | 111.9       | 14.15 | 116.0       | 14.53 | 119.9       | 15.28 |
|        | 25                               | 77.90                        | 12.50 | 100.4       | 14.33 | 117.9       | 16.16 | 119.7       | 18.33 | 121.2       | 18.63 | 124.2       | 18.98 | 127.3       | 19.87 |
|        | 27                               | 90.90                        | 15.76 | 112.4       | 18.18 | 128.5       | 20.83 | 129.7       | 24.41 | 130.5       | 24.48 | 132.7       | 24.70 | 142.3       | 27.50 |
|        | 29                               | 104.2                        | 20.25 | 124.7       | 23.13 | 139.4       | 26.49 | 139.9       | 31.26 | 140.1       | 31.20 | 147.3       | 32.82 | 168.9       | 40.25 |
|        | 31                               | 117.9                        | 25.55 | 137.4       | 28.47 | 150.7       | 33.05 | 150.4       | 37.09 | 157.8       | 39.52 | 173.5       | 44.67 | 195.3       | 54.25 |
|        | 33                               | 132.0                        | 32.05 | 150.2       | 35.63 | 162.2       | 41.40 | 172.7       | 48.19 | 185.5       | 53.65 | 199.3       | 59.43 | 224.4       | 72.16 |
|        | 35                               | 146.3                        | 40.30 | 163.6       | 44.19 | 190.2       | 59.61 | 201.0       | 64.89 | 212.4       | 71.24 | 233.1       | 79.68 | 260.4       | 90.92 |
|        | 37                               | 146.3                        | 43.01 | 163.6       | 47.05 | 189.3       | 60.68 | 199.1       | 65.74 | 220.5       | 75.98 | 242.3       | 84.67 | 254.7       | 89.65 |
|        | 39                               | 146.3                        | 45.85 | 163.6       | 50.30 | 187.3       | 60.66 | 207.5       | 69.97 | 229.8       | 80.96 | 244.4       | 85.87 | 246.8       | 86.70 |
|        | 41                               | 146.3                        | 50.07 | 160.1       | 53.46 | 192.3       | 65.37 | 212.8       | 75.74 | 227.5       | 82.29 | 232.2       | 82.81 | 234.0       | 83.98 |
|        | 43                               | 146.3                        | 54.40 | 155.2       | 53.19 | 198.3       | 72.27 | 212.7       | 79.77 | 215.8       | 80.12 | 220.5       | 80.55 | 222.5       | 82.09 |
|        | 46                               | 142.8                        | 60.32 | 155.7       | 60.18 | 190.3       | 77.21 | 192.3       | 77.42 | 195.6       | 77.88 | 199.7       | 78.30 | 201.4       | 79.56 |
|        | 48                               | 130.6                        | 60.13 | 150.5       | 67.58 | 167.7       | 75.69 | 169.8       | 75.96 | 172.4       | 76.42 | 176.1       | 76.70 | 177.5       | 77.89 |
|        | 50                               | 123.0                        | 63.40 | 141.8       | 74.13 | 145.2       | 73.99 | 147.2       | 74.12 | 149.2       | 74.69 | 153.0       | 74.97 | 153.7       | 75.89 |
|        | 52                               | 117.9                        | 71.78 | 116.8       | 71.71 | 121.5       | 70.88 | 123.1       | 70.57 | 125.3       | 71.26 | 128.6       | 71.21 | 130.4       | 72.13 |
| 120    | 10                               | 42.40                        | 4.25  | 65.20       | 6.28  | 85.10       | 7.77  | 88.30       | 7.88  | 91.00       | 7.51  | 96.40       | 7.31  | 101.1       | 7.44  |
|        | 12                               | 42.40                        | 4.06  | 65.20       | 5.97  | 85.10       | 7.45  | 88.30       | 7.48  | 91.00       | 7.25  | 96.40       | 7.16  | 101.1       | 7.33  |
|        | 14                               | 42.40                        | 3.87  | 65.20       | 5.71  | 85.10       | 7.20  | 88.30       | 7.24  | 91.00       | 7.05  | 96.40       | 7.00  | 101.1       | 7.23  |
|        | 16                               | 42.40                        | 3.68  | 65.20       | 5.48  | 85.10       | 7.01  | 88.30       | 7.07  | 91.00       | 6.96  | 96.40       | 6.93  | 101.1       | 7.30  |
|        | 18                               | 42.40                        | 3.55  | 65.20       | 5.35  | 85.10       | 6.96  | 88.30       | 7.11  | 91.00       | 7.07  | 96.40       | 7.16  | 101.1       | 7.67  |
|        | 20                               | 42.40                        | 3.48  | 65.20       | 5.43  | 85.10       | 7.35  | 88.30       | 7.64  | 91.00       | 7.72  | 96.40       | 8.06  | 101.1       | 9.13  |
|        | 21                               | 47.90                        | 4.17  | 70.20       | 6.53  | 89.80       | 9.47  | 92.70       | 10.00 | 95.10       | 10.10 | 100.0       | 10.26 | 104.3       | 10.84 |
|        | 23                               | 59.30                        | 9.74  | 80.60       | 11.24 | 99.00       | 12.51 | 101.4       | 12.57 | 103.5       | 12.59 | 107.5       | 12.70 | 111.0       | 13.33 |
|        | 25                               | 70.90                        | 11.78 | 91.20       | 13.70 | 108.7       | 15.45 | 110.4       | 15.68 | 112.0       | 15.85 | 115.2       | 16.07 | 118.0       | 16.75 |
|        | 27                               | 82.60                        | 14.58 | 102.2       | 17.16 | 118.5       | 19.50 | 119.7       | 19.83 | 120.6       | 20.29 | 123.1       | 20.48 | 131.9       | 22.65 |
|        | 29                               | 94.80                        | 18.62 | 113.3       | 21.72 | 128.6       | 23.96 | 129.0       | 24.67 | 129.6       | 25.27 | 136.6       | 26.72 | 156.1       | 32.31 |
|        | 31                               | 107.2                        | 23.41 | 124.7       | 26.78 | 138.9       | 29.05 | 138.9       | 30.57 | 145.9       | 33.48 | 161.5       | 38.14 | 180.2       | 45.49 |
|        | 33                               | 120.0                        | 29.12 | 136.5       | 33.03 | 149.4       | 35.69 | 159.3       | 42.05 | 171.7       | 47.84 | 186.5       | 53.39 | 204.2       | 62.87 |
|        | 35                               | 133.1                        | 36.30 | 148.6       | 40.77 | 175.3       | 49.89 | 186.0       | 60.94 | 197.2       | 66.61 | 211.1       | 72.79 | 233.6       | 83.95 |
|        | 37                               | 133.1                        | 38.99 | 148.6       | 43.17 | 175.3       | 53.86 | 186.0       | 62.01 | 197.6       | 67.88 | 217.5       | 76.55 | 242.9       | 88.79 |
|        | 39                               | 133.1                        | 41.92 | 148.6       | 45.84 | 175.3       | 57.43 | 186.0       | 62.27 | 206.1       | 72.19 | 227.3       | 81.15 | 239.2       | 87.16 |
|        | 41                               | 133.1                        | 46.13 | 148.6       | 50.43 | 173.0       | 58.13 | 191.2       | 66.88 | 211.9       | 77.71 | 225.0       | 82.63 | 226.9       | 84.05 |
|        | 43                               | 133.1                        | 50.61 | 147.8       | 51.85 | 178.2       | 63.70 | 197.3       | 73.55 | 209.3       | 79.87 | 213.4       | 79.90 | 215.4       | 81.52 |
|        | 46                               | 129.9                        | 56.79 | 139.8       | 52.75 | 183.9       | 75.10 | 187.2       | 76.55 | 189.2       | 76.77 | 193.2       | 76.92 | 195.2       | 78.41 |
|        | 48                               | 119.0                        | 56.94 | 135.4       | 59.38 | 163.4       | 75.00 | 164.9       | 75.27 | 166.8       | 75.56 | 170.5       | 75.79 | 171.9       | 76.84 |
|        | 50                               | 107.9                        | 57.03 | 129.0       | 66.48 | 141.6       | 73.71 | 143.3       | 74.00 | 145.0       | 74.26 | 148.1       | 74.46 | 149.2       | 75.12 |
|        | 52                               | 102.4                        | 62.54 | 113.6       | 70.65 | 117.8       | 71.14 | 119.3       | 71.12 | 120.9       | 70.99 | 123.7       | 71.17 | 126.1       | 71.85 |
| 110    | 10                               | 38.30                        | 3.83  | 58.90       | 5.81  | 78.10       | 7.38  | 80.90       | 7.58  | 85.30       | 7.59  | 88.40       | 7.49  | 95.40       | 7.56  |
|        | 12                               | 38.30                        | 3.68  | 58.90       | 5.54  | 78.10       | 7.08  | 80.90       | 7.20  | 85.30       | 7.29  | 88.40       | 7.25  | 95.40       | 7.41  |
|        | 14                               | 38.30                        | 3.51  | 58.90       | 5.31  | 78.10       | 6.85  | 80.90       | 6.99  | 85.30       | 7.11  | 88.40       | 7.07  | 95.40       | 7.27  |
|        | 16                               | 38.30                        | 3.34  | 58.90       | 5.09  | 78.10       | 6.64  | 80.90       | 6.82  | 85.30       | 6.98  | 88.40       | 6.95  | 95.40       | 7.20  |
|        | 18                               | 38.30                        | 3.22  | 58.90       | 4.95  | 78.10       | 6.63  | 80.90       | 6.83  | 85.30       | 7.01  | 88.40       | 7.03  | 95.40       | 7.41  |
|        | 20                               | 38.30                        | 3.15  | 58.90       | 4.94  | 78.10       | 6.93  | 80.90       | 7.15  | 85.30       | 7.48  | 88.40       | 7.63  | 95.40       | 8.38  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 43.30                        | 3.71  | 63.40       | 5.83  | 82.40       | 8.62  | 84.90       | 9.07  | 89.20       | 9.65  | 91.80       | 9.90  | 98.50       | 10.40 |
|        | 23                               | 53.40                        | 9.17  | 72.80       | 10.66 | 90.90       | 12.01 | 93.00       | 11.96 | 96.90       | 12.21 | 98.70       | 12.11 | 104.8       | 12.56 |
|        | 25                               | 63.80                        | 11.01 | 82.40       | 12.72 | 99.80       | 14.57 | 101.2       | 14.64 | 104.9       | 14.96 | 105.8       | 14.76 | 111.5       | 15.52 |
|        | 27                               | 74.50                        | 13.45 | 92.20       | 15.75 | 108.8       | 18.08 | 109.6       | 18.12 | 113.0       | 18.41 | 112.9       | 18.16 | 124.5       | 20.62 |
|        | 29                               | 85.50                        | 17.04 | 102.3       | 19.78 | 118.0       | 22.32 | 118.3       | 22.32 | 121.4       | 22.60 | 125.4       | 23.17 | 147.3       | 28.67 |
|        | 31                               | 96.80                        | 21.35 | 112.6       | 24.27 | 127.5       | 26.95 | 127.3       | 26.93 | 136.7       | 29.21 | 148.4       | 32.22 | 170.1       | 39.29 |
|        | 33                               | 108.2                        | 26.36 | 123.3       | 29.71 | 137.2       | 32.60 | 146.1       | 35.51 | 160.8       | 40.60 | 171.1       | 44.26 | 192.7       | 53.03 |
|        | 35                               | 120.0                        | 32.59 | 134.3       | 36.51 | 160.9       | 44.34 | 170.5       | 48.65 | 184.8       | 55.79 | 194.0       | 59.95 | 215.2       | 70.63 |
|        | 37                               | 120.0                        | 34.61 | 134.3       | 38.83 | 160.9       | 46.92 | 170.5       | 52.28 | 184.8       | 60.09 | 194.0       | 64.12 | 215.5       | 75.34 |
|        | 39                               | 120.0                        | 37.25 | 134.3       | 41.34 | 160.9       | 50.22 | 170.5       | 56.22 | 184.8       | 63.28 | 200.7       | 70.40 | 225.2       | 83.43 |
|        | 41                               | 120.0                        | 41.03 | 134.3       | 45.05 | 160.9       | 54.35 | 170.5       | 61.85 | 188.4       | 70.63 | 207.2       | 80.14 | 219.6       | 88.12 |
|        | 43                               | 120.0                        | 44.46 | 134.3       | 48.44 | 158.4       | 58.24 | 175.2       | 66.60 | 194.1       | 76.44 | 206.9       | 82.33 | 208.3       | 83.71 |
|        | 46                               | 117.1                        | 46.36 | 131.2       | 49.28 | 162.9       | 67.36 | 180.6       | 76.71 | 183.2       | 77.81 | 187.1       | 78.03 | 188.3       | 79.29 |
|        | 48                               | 107.3                        | 46.48 | 120.6       | 50.08 | 157.4       | 74.01 | 159.9       | 74.79 | 161.6       | 75.18 | 164.9       | 75.29 | 166.1       | 76.46 |
|        | 50                               | 97.40                        | 46.47 | 115.2       | 55.14 | 137.1       | 71.47 | 138.8       | 72.19 | 140.3       | 72.37 | 143.2       | 72.22 | 144.1       | 73.32 |
| 100    | 52                               | 87.50                        | 45.96 | 108.7       | 62.54 | 113.4       | 67.35 | 115.3       | 68.41 | 116.5       | 68.03 | 119.0       | 67.65 | 121.4       | 68.71 |
|        | 10                               | 32.90                        | 3.41  | 50.50       | 5.32  | 69.10       | 6.97  | 73.60       | 7.22  | 77.70       | 7.30  | 85.10       | 7.72  | 89.00       | 7.76  |
|        | 12                               | 32.90                        | 3.29  | 50.50       | 5.12  | 69.10       | 6.64  | 73.60       | 6.84  | 77.70       | 6.97  | 85.10       | 7.48  | 89.00       | 7.58  |
|        | 14                               | 32.90                        | 3.16  | 50.50       | 4.90  | 69.10       | 6.39  | 73.60       | 6.59  | 77.70       | 6.73  | 85.10       | 7.31  | 89.00       | 7.42  |
|        | 16                               | 32.90                        | 3.00  | 50.50       | 4.67  | 69.10       | 6.18  | 73.60       | 6.43  | 77.70       | 6.60  | 85.10       | 7.17  | 89.00       | 7.36  |
|        | 18                               | 32.90                        | 2.87  | 50.50       | 4.52  | 69.10       | 6.05  | 73.60       | 6.35  | 77.70       | 6.63  | 85.10       | 7.21  | 89.00       | 7.45  |
|        | 20                               | 32.90                        | 2.82  | 50.50       | 4.47  | 69.10       | 6.24  | 73.60       | 6.67  | 77.70       | 7.01  | 85.10       | 7.61  | 89.00       | 8.14  |
|        | 21                               | 37.20                        | 3.29  | 54.60       | 5.14  | 72.90       | 7.59  | 77.20       | 8.22  | 81.10       | 8.80  | 88.40       | 9.55  | 91.90       | 10.51 |
|        | 23                               | 45.90                        | 8.63  | 62.50       | 10.01 | 80.50       | 11.49 | 84.50       | 11.79 | 88.20       | 11.99 | 94.90       | 12.20 | 97.90       | 12.38 |
|        | 25                               | 54.80                        | 10.20 | 70.80       | 11.83 | 88.30       | 13.77 | 92.10       | 14.27 | 95.40       | 14.58 | 101.8       | 14.54 | 103.9       | 14.85 |
|        | 27                               | 64.00                        | 12.36 | 79.30       | 14.38 | 96.20       | 16.99 | 99.70       | 17.59 | 102.9       | 17.97 | 108.7       | 17.91 | 116.2       | 19.26 |
|        | 29                               | 73.30                        | 15.37 | 87.90       | 17.89 | 104.5       | 21.08 | 107.6       | 21.72 | 110.5       | 21.95 | 120.7       | 22.71 | 137.5       | 26.58 |
|        | 31                               | 82.90                        | 19.38 | 96.80       | 21.92 | 112.8       | 25.46 | 115.8       | 26.17 | 124.4       | 27.66 | 142.7       | 30.76 | 158.8       | 35.66 |
|        | 33                               | 92.90                        | 23.65 | 105.9       | 26.63 | 121.4       | 30.83 | 132.9       | 34.34 | 146.4       | 37.02 | 164.8       | 41.26 | 180.0       | 47.30 |
|        | 35                               | 103.1                        | 29.04 | 115.2       | 32.42 | 142.3       | 41.73 | 155.1       | 46.72 | 168.2       | 49.40 | 186.0       | 54.57 | 200.9       | 62.40 |
| 90     | 37                               | 103.1                        | 31.07 | 115.2       | 34.76 | 142.3       | 44.31 | 155.1       | 49.18 | 168.2       | 52.63 | 183.7       | 57.55 | 198.1       | 66.17 |
|        | 39                               | 103.1                        | 33.28 | 115.2       | 37.29 | 142.3       | 47.01 | 155.1       | 51.74 | 168.2       | 55.97 | 181.6       | 60.03 | 196.1       | 69.07 |
|        | 41                               | 103.1                        | 36.25 | 115.2       | 40.67 | 142.3       | 50.69 | 155.1       | 55.85 | 168.2       | 59.65 | 180.8       | 64.78 | 202.7       | 77.66 |
|        | 43                               | 103.1                        | 39.82 | 115.2       | 44.71 | 142.3       | 54.37 | 155.1       | 59.61 | 168.5       | 66.25 | 185.8       | 74.35 | 199.4       | 84.07 |
|        | 46                               | 100.6                        | 44.75 | 112.6       | 49.96 | 142.6       | 61.87 | 157.2       | 72.51 | 173.7       | 82.96 | 179.1       | 84.19 | 180.2       | 85.89 |
|        | 48                               | 92.30                        | 41.07 | 103.5       | 45.76 | 137.6       | 62.74 | 152.1       | 73.12 | 154.5       | 74.21 | 157.9       | 74.33 | 158.9       | 75.61 |
|        | 50                               | 84.10                        | 37.35 | 95.80       | 42.32 | 130.2       | 61.92 | 133.1       | 63.81 | 133.8       | 63.88 | 137.1       | 64.03 | 137.7       | 64.91 |
|        | 52                               | 75.70                        | 32.94 | 92.50       | 42.30 | 107.0       | 52.07 | 109.9       | 52.37 | 111.1       | 52.33 | 114.0       | 52.12 | 115.9       | 52.63 |
|        | 10                               | 29.60                        | 3.07  | 45.60       | 4.90  | 62.20       | 6.59  | 66.30       | 6.91  | 69.90       | 7.09  | 77.20       | 7.60  | 85.70       | 8.22  |
|        | 12                               | 29.60                        | 2.93  | 45.60       | 4.66  | 62.20       | 6.23  | 66.30       | 6.51  | 69.90       | 6.70  | 77.20       | 7.17  | 85.70       | 7.83  |
|        | 14                               | 29.60                        | 2.78  | 45.60       | 4.39  | 62.20       | 5.87  | 66.30       | 6.17  | 69.90       | 6.33  | 77.20       | 6.79  | 85.70       | 7.44  |
|        | 16                               | 29.60                        | 2.66  | 45.60       | 4.13  | 62.20       | 5.58  | 66.30       | 5.84  | 69.90       | 6.03  | 77.20       | 6.48  | 85.70       | 7.13  |
|        | 18                               | 29.60                        | 2.51  | 45.60       | 3.95  | 62.20       | 5.36  | 66.30       | 5.64  | 69.90       | 5.83  | 77.20       | 6.31  | 85.70       | 7.13  |
|        | 20                               | 29.60                        | 2.44  | 45.60       | 3.84  | 62.20       | 5.32  | 66.30       | 5.65  | 69.90       | 5.95  | 77.20       | 6.63  | 85.70       | 7.60  |
|        | 21                               | 33.40                        | 2.80  | 49.20       | 4.32  | 65.60       | 6.23  | 69.50       | 6.74  | 72.90       | 7.22  | 80.20       | 8.01  | 88.40       | 9.79  |
|        | 23                               | 41.20                        | 7.69  | 56.40       | 8.83  | 72.40       | 10.17 | 76.10       | 10.47 | 79.30       | 10.64 | 86.20       | 11.11 | 94.20       | 12.13 |
|        | 25                               | 49.30                        | 8.93  | 63.80       | 10.35 | 79.40       | 11.98 | 82.80       | 12.39 | 85.90       | 12.68 | 92.30       | 13.30 | 100.1       | 14.39 |
|        | 27                               | 57.50                        | 10.70 | 71.40       | 12.36 | 86.60       | 14.54 | 89.70       | 15.05 | 92.50       | 15.45 | 98.70       | 16.05 | 111.9       | 18.38 |
|        | 29                               | 66.00                        | 13.02 | 79.20       | 15.27 | 93.90       | 17.94 | 96.80       | 18.51 | 99.40       | 18.96 | 109.5       | 20.28 | 132.3       | 25.00 |
|        | 31                               | 74.70                        | 16.49 | 87.20       | 18.69 | 101.5       | 21.56 | 104.2       | 22.14 | 112.0       | 23.91 | 129.5       | 26.92 | 152.8       | 33.01 |
|        | 33                               | 83.50                        | 20.10 | 95.40       | 22.51 | 109.2       | 25.92 | 119.5       | 28.71 | 131.6       | 32.10 | 149.5       | 35.45 | 172.5       | 42.99 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 92.80                        | 24.41 | 103.9       | 27.14 | 128.1       | 34.63 | 139.5       | 38.60 | 151.2       | 42.64 | 169.4       | 47.05 | 190.6       | 55.86 |
|        | 37                              | 92.80                        | 25.92 | 103.9       | 28.90 | 128.1       | 36.95 | 139.5       | 41.07 | 151.2       | 45.15 | 169.4       | 50.01 | 188.4       | 58.81 |
|        | 39                              | 92.80                        | 27.53 | 103.9       | 30.79 | 128.1       | 39.23 | 139.5       | 43.75 | 151.2       | 47.63 | 169.4       | 53.44 | 186.4       | 61.61 |
|        | 41                              | 92.80                        | 31.24 | 103.9       | 34.72 | 128.1       | 43.83 | 139.5       | 48.72 | 151.2       | 52.20 | 168.4       | 57.36 | 180.8       | 64.99 |
|        | 43                              | 92.80                        | 34.57 | 103.9       | 38.44 | 128.1       | 48.80 | 139.5       | 53.16 | 151.2       | 56.31 | 164.7       | 61.74 | 182.7       | 73.45 |
|        | 46                              | 90.60                        | 40.23 | 101.6       | 45.09 | 125.3       | 56.20 | 136.7       | 61.18 | 153.4       | 70.56 | 169.6       | 79.62 | 176.4       | 85.86 |
|        | 48                              | 83.00                        | 37.27 | 93.30       | 41.80 | 117.1       | 53.14 | 134.0       | 62.90 | 148.3       | 71.99 | 155.4       | 74.36 | 155.7       | 75.75 |
|        | 50                              | 75.70                        | 34.29 | 85.20       | 38.23 | 113.9       | 53.87 | 130.2       | 63.52 | 131.5       | 65.00 | 134.9       | 64.05 | 135.0       | 65.15 |
|        | 52                              | 68.20                        | 31.24 | 78.20       | 35.34 | 106.8       | 53.57 | 111.8       | 55.83 | 108.5       | 54.56 | 111.8       | 52.34 | 113.1       | 53.07 |
| 80     | 10                              | 26.20                        | 2.90  | 40.50       | 4.47  | 55.20       | 6.20  | 58.80       | 6.58  | 62.30       | 6.84  | 68.70       | 7.54  | 76.10       | 8.17  |
|        | 12                              | 26.20                        | 2.61  | 40.50       | 4.26  | 55.20       | 5.88  | 58.80       | 6.22  | 62.30       | 6.44  | 68.70       | 7.09  | 76.10       | 7.69  |
|        | 14                              | 26.20                        | 2.50  | 40.50       | 4.05  | 55.20       | 5.52  | 58.80       | 5.84  | 62.30       | 6.05  | 68.70       | 6.69  | 76.10       | 7.26  |
|        | 16                              | 26.20                        | 2.38  | 40.50       | 3.81  | 55.20       | 5.22  | 58.80       | 5.53  | 62.30       | 5.75  | 68.70       | 6.36  | 76.10       | 6.92  |
|        | 18                              | 26.20                        | 2.29  | 40.50       | 3.63  | 55.20       | 5.00  | 58.80       | 5.30  | 62.30       | 5.53  | 68.70       | 6.10  | 76.10       | 6.72  |
|        | 20                              | 26.20                        | 2.21  | 40.50       | 3.53  | 55.20       | 4.93  | 58.80       | 5.24  | 62.30       | 5.50  | 68.70       | 6.17  | 76.10       | 7.06  |
|        | 21                              | 29.70                        | 2.52  | 43.60       | 3.91  | 58.20       | 5.59  | 61.80       | 5.99  | 65.10       | 6.39  | 71.40       | 7.28  | 78.70       | 8.71  |
|        | 23                              | 36.60                        | 7.47  | 50.10       | 8.50  | 64.30       | 9.73  | 67.60       | 10.07 | 70.70       | 10.27 | 76.70       | 11.00 | 83.70       | 11.83 |
|        | 25                              | 43.80                        | 8.52  | 56.60       | 9.85  | 70.50       | 11.39 | 73.70       | 11.71 | 76.50       | 11.98 | 82.30       | 12.86 | 89.00       | 13.83 |
|        | 27                              | 51.10                        | 10.09 | 63.30       | 11.62 | 76.90       | 13.58 | 79.80       | 14.02 | 82.50       | 14.36 | 87.80       | 15.32 | 99.40       | 17.20 |
|        | 29                              | 58.60                        | 12.15 | 70.30       | 14.12 | 83.40       | 16.49 | 86.10       | 17.02 | 88.60       | 17.45 | 97.50       | 19.36 | 117.6       | 23.08 |
|        | 31                              | 66.20                        | 15.15 | 77.30       | 17.27 | 90.10       | 19.84 | 92.60       | 20.38 | 99.70       | 21.87 | 115.2       | 25.58 | 135.8       | 29.93 |
|        | 33                              | 74.20                        | 18.50 | 84.70       | 20.72 | 97.00       | 23.62 | 106.3       | 26.07 | 117.3       | 29.03 | 133.0       | 33.36 | 154.0       | 38.56 |
|        | 35                              | 82.30                        | 22.36 | 92.20       | 24.75 | 113.7       | 31.17 | 124.0       | 34.55 | 134.9       | 38.28 | 150.8       | 43.37 | 172.1       | 50.03 |
|        | 37                              | 82.30                        | 23.68 | 92.20       | 26.33 | 113.7       | 33.14 | 124.0       | 36.81 | 134.9       | 40.73 | 150.8       | 45.92 | 172.1       | 53.23 |
|        | 39                              | 82.30                        | 25.07 | 92.20       | 27.92 | 113.7       | 35.46 | 124.0       | 39.52 | 134.9       | 43.70 | 150.8       | 48.64 | 172.1       | 56.97 |
|        | 41                              | 82.30                        | 28.24 | 92.20       | 31.48 | 113.7       | 39.68 | 124.0       | 44.16 | 134.9       | 48.90 | 150.8       | 53.55 | 171.7       | 62.60 |
|        | 43                              | 82.30                        | 31.71 | 92.20       | 35.13 | 113.7       | 44.23 | 124.0       | 49.12 | 134.9       | 54.26 | 150.8       | 58.05 | 166.7       | 66.37 |
|        | 46                              | 80.50                        | 36.59 | 90.00       | 40.92 | 111.1       | 51.20 | 121.2       | 55.95 | 131.7       | 62.03 | 147.5       | 67.71 | 164.2       | 79.50 |
|        | 48                              | 73.80                        | 33.86 | 82.80       | 37.93 | 102.3       | 47.28 | 111.6       | 51.53 | 126.0       | 61.12 | 142.8       | 68.17 | 152.7       | 75.83 |
|        | 50                              | 67.20                        | 31.11 | 75.50       | 34.88 | 93.80       | 43.37 | 107.0       | 50.86 | 122.6       | 61.85 | 132.2       | 64.19 | 132.5       | 65.26 |
|        | 52                              | 60.50                        | 28.32 | 68.10       | 31.21 | 90.50       | 43.86 | 102.6       | 51.67 | 108.0       | 56.53 | 109.0       | 52.66 | 110.6       | 53.39 |
| 70     | 10                              | 22.90                        | 2.66  | 35.40       | 3.79  | 48.30       | 5.36  | 51.50       | 5.78  | 54.40       | 6.09  | 60.10       | 6.78  | 66.60       | 7.61  |
|        | 12                              | 22.90                        | 2.16  | 35.40       | 3.60  | 48.30       | 5.14  | 51.50       | 5.48  | 54.40       | 5.76  | 60.10       | 6.41  | 66.60       | 7.17  |
|        | 14                              | 22.90                        | 2.09  | 35.40       | 3.43  | 48.30       | 4.84  | 51.50       | 5.15  | 54.40       | 5.41  | 60.10       | 6.02  | 66.60       | 6.74  |
|        | 16                              | 22.90                        | 2.02  | 35.40       | 3.27  | 48.30       | 4.56  | 51.50       | 4.87  | 54.40       | 5.12  | 60.10       | 5.69  | 66.60       | 6.41  |
|        | 18                              | 22.90                        | 1.94  | 35.40       | 3.12  | 48.30       | 4.39  | 51.50       | 4.68  | 54.40       | 4.91  | 60.10       | 5.45  | 66.60       | 6.17  |
|        | 20                              | 22.90                        | 1.87  | 35.40       | 3.02  | 48.30       | 4.27  | 51.50       | 4.59  | 54.40       | 4.83  | 60.10       | 5.40  | 66.60       | 6.27  |
|        | 21                              | 26.00                        | 2.12  | 38.20       | 3.31  | 50.90       | 4.74  | 54.00       | 5.10  | 56.90       | 5.41  | 62.40       | 6.09  | 68.80       | 7.37  |
|        | 23                              | 32.10                        | 6.12  | 43.80       | 7.93  | 56.30       | 8.91  | 59.10       | 9.22  | 61.80       | 9.43  | 67.10       | 10.26 | 73.20       | 11.26 |
|        | 25                              | 38.30                        | 7.70  | 49.70       | 8.91  | 61.70       | 10.29 | 64.40       | 10.65 | 66.90       | 10.85 | 71.80       | 11.75 | 77.80       | 12.69 |
|        | 27                              | 44.70                        | 8.98  | 55.60       | 10.44 | 67.30       | 12.02 | 69.90       | 12.38 | 72.00       | 12.79 | 76.70       | 13.83 | 87.10       | 15.59 |
|        | 29                              | 51.30                        | 10.76 | 61.60       | 12.36 | 73.00       | 14.48 | 75.30       | 14.92 | 77.50       | 15.31 | 85.20       | 17.16 | 102.9       | 20.93 |
|        | 31                              | 58.00                        | 13.16 | 67.90       | 15.24 | 78.80       | 17.44 | 80.90       | 17.92 | 87.20       | 19.15 | 100.8       | 22.57 | 118.9       | 27.01 |
|        | 33                              | 64.90                        | 16.13 | 74.20       | 18.08 | 84.90       | 20.56 | 93.00       | 22.51 | 102.6       | 24.94 | 116.3       | 29.18 | 134.7       | 34.73 |
|        | 35                              | 72.10                        | 19.44 | 80.80       | 21.57 | 99.50       | 26.66 | 108.4       | 29.37 | 117.9       | 32.38 | 131.7       | 37.62 | 150.6       | 44.32 |
|        | 37                              | 72.10                        | 20.66 | 80.80       | 22.85 | 99.50       | 28.35 | 108.4       | 31.29 | 117.9       | 34.52 | 131.7       | 40.10 | 150.6       | 46.93 |
|        | 39                              | 72.10                        | 21.95 | 80.80       | 24.37 | 99.50       | 30.34 | 108.4       | 33.62 | 117.9       | 37.18 | 131.7       | 42.91 | 150.6       | 50.46 |
|        | 41                              | 72.10                        | 24.72 | 80.80       | 27.24 | 99.50       | 33.93 | 108.4       | 37.61 | 117.9       | 41.32 | 131.7       | 48.06 | 150.6       | 55.75 |
|        | 43                              | 72.10                        | 27.53 | 80.80       | 30.35 | 99.50       | 37.82 | 108.4       | 41.88 | 117.9       | 46.03 | 131.7       | 53.59 | 150.6       | 61.67 |
|        | 46                              | 70.40                        | 31.71 | 78.90       | 35.29 | 97.30       | 44.00 | 106.1       | 48.27 | 115.3       | 53.20 | 128.7       | 61.69 | 147.1       | 70.01 |
|        | 48                              | 64.70                        | 29.39 | 72.60       | 32.74 | 89.50       | 40.83 | 97.60       | 44.76 | 106.1       | 49.17 | 118.4       | 56.74 | 138.0       | 66.15 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 58.90                        | 27.02 | 66.10       | 30.14 | 81.80       | 37.59 | 89.20       | 40.84 | 98.20       | 45.78 | 113.9       | 56.38 | 133.5       | 65.92 |
|        | 52                              | 53.10                        | 24.64 | 59.70       | 27.50 | 73.90       | 33.51 | 83.40       | 38.83 | 94.90       | 46.78 | 106.4       | 55.57 | 113.6       | 56.15 |
| 60     | 10                              | 19.70                        | 2.42  | 30.30       | 3.38  | 41.40       | 4.47  | 44.10       | 4.86  | 46.70       | 5.17  | 51.60       | 5.84  | 57.10       | 6.62  |
|        | 12                              | 19.70                        | 1.77  | 30.30       | 2.91  | 41.40       | 4.26  | 44.10       | 4.64  | 46.70       | 4.94  | 51.60       | 5.54  | 57.10       | 6.28  |
|        | 14                              | 19.70                        | 1.71  | 30.30       | 2.81  | 41.40       | 4.07  | 44.10       | 4.39  | 46.70       | 4.66  | 51.60       | 5.22  | 57.10       | 5.90  |
|        | 16                              | 19.70                        | 1.67  | 30.30       | 2.71  | 41.40       | 3.85  | 44.10       | 4.15  | 46.70       | 4.41  | 51.60       | 4.92  | 57.10       | 5.57  |
|        | 18                              | 19.70                        | 1.62  | 30.30       | 2.60  | 41.40       | 3.68  | 44.10       | 3.97  | 46.70       | 4.21  | 51.60       | 4.71  | 57.10       | 5.35  |
|        | 20                              | 19.70                        | 1.55  | 30.30       | 2.51  | 41.40       | 3.59  | 44.10       | 3.87  | 46.70       | 4.11  | 51.60       | 4.61  | 57.10       | 5.31  |
|        | 21                              | 22.20                        | 1.75  | 32.70       | 2.71  | 43.70       | 3.93  | 46.30       | 4.22  | 48.80       | 4.50  | 53.60       | 5.05  | 59.10       | 5.97  |
|        | 23                              | 27.50                        | 4.21  | 37.50       | 6.30  | 48.30       | 8.15  | 50.70       | 8.40  | 53.00       | 8.56  | 57.50       | 9.27  | 62.90       | 10.35 |
|        | 25                              | 33.60                        | 7.13  | 42.50       | 7.97  | 52.90       | 9.12  | 55.20       | 9.46  | 57.30       | 9.70  | 61.70       | 10.51 | 66.80       | 11.69 |
|        | 27                              | 38.30                        | 7.97  | 47.50       | 9.14  | 57.60       | 10.54 | 59.80       | 10.90 | 61.80       | 11.16 | 65.80       | 12.03 | 74.60       | 14.01 |
|        | 29                              | 43.90                        | 9.39  | 52.70       | 10.75 | 62.60       | 12.43 | 64.60       | 12.89 | 66.30       | 13.29 | 73.10       | 14.78 | 88.30       | 18.43 |
|        | 31                              | 49.70                        | 11.28 | 58.10       | 12.98 | 67.60       | 15.05 | 69.40       | 15.50 | 74.80       | 16.53 | 86.50       | 19.27 | 101.9       | 23.62 |
|        | 33                              | 55.70                        | 13.79 | 63.50       | 15.53 | 72.80       | 17.66 | 79.80       | 19.28 | 87.90       | 21.19 | 99.80       | 24.48 | 115.6       | 29.94 |
|        | 35                              | 61.80                        | 16.57 | 69.10       | 18.43 | 85.30       | 22.54 | 93.00       | 24.66 | 101.0       | 26.98 | 113.0       | 31.09 | 129.2       | 37.76 |
|        | 37                              | 61.80                        | 17.51 | 69.10       | 19.48 | 85.30       | 23.91 | 93.00       | 26.24 | 101.0       | 28.69 | 113.0       | 33.05 | 129.2       | 40.21 |
|        | 39                              | 61.80                        | 18.65 | 69.10       | 20.75 | 85.30       | 25.74 | 93.00       | 28.11 | 101.0       | 30.82 | 113.0       | 35.44 | 129.2       | 43.09 |
|        | 41                              | 61.80                        | 20.68 | 69.10       | 23.16 | 85.30       | 28.56 | 93.00       | 31.37 | 101.0       | 34.22 | 113.0       | 39.68 | 129.2       | 47.93 |
|        | 43                              | 61.80                        | 22.99 | 69.10       | 25.80 | 85.30       | 31.82 | 93.00       | 34.93 | 101.0       | 38.10 | 113.0       | 44.27 | 129.2       | 53.50 |
|        | 46                              | 60.40                        | 26.69 | 67.60       | 30.00 | 83.40       | 36.98 | 90.90       | 40.57 | 98.70       | 44.27 | 110.5       | 51.49 | 126.2       | 62.81 |
|        | 48                              | 55.30                        | 24.80 | 62.00       | 27.85 | 76.70       | 34.38 | 83.70       | 37.66 | 90.90       | 41.09 | 101.6       | 47.65 | 115.8       | 57.74 |
|        | 50                              | 50.40                        | 22.88 | 56.50       | 25.69 | 70.10       | 31.70 | 76.50       | 34.71 | 83.00       | 37.89 | 92.70       | 43.46 | 105.5       | 52.48 |
|        | 52                              | 45.40                        | 20.95 | 51.10       | 23.48 | 63.40       | 28.99 | 69.20       | 31.12 | 75.30       | 33.81 | 85.80       | 40.66 | 100.4       | 51.73 |
| 50     | 10                              | 16.50                        | 2.42  | 25.30       | 3.03  | 34.50       | 3.83  | 36.80       | 3.95  | 38.90       | 4.15  | 42.90       | 4.70  | 47.60       | 5.36  |
|        | 12                              | 16.50                        | 1.71  | 25.30       | 2.28  | 34.50       | 3.34  | 36.80       | 3.68  | 38.90       | 3.98  | 42.90       | 4.51  | 47.60       | 5.14  |
|        | 14                              | 16.50                        | 1.53  | 25.30       | 2.21  | 34.50       | 3.22  | 36.80       | 3.52  | 38.90       | 3.78  | 42.90       | 4.26  | 47.60       | 4.86  |
|        | 16                              | 16.50                        | 1.50  | 25.30       | 2.15  | 34.50       | 3.09  | 36.80       | 3.36  | 38.90       | 3.59  | 42.90       | 4.06  | 47.60       | 4.60  |
|        | 18                              | 16.50                        | 1.44  | 25.30       | 2.06  | 34.50       | 2.96  | 36.80       | 3.22  | 38.90       | 3.43  | 42.90       | 3.87  | 47.60       | 4.40  |
|        | 20                              | 16.50                        | 1.39  | 25.30       | 2.00  | 34.50       | 2.88  | 36.80       | 3.12  | 38.90       | 3.35  | 42.90       | 3.77  | 47.60       | 4.33  |
|        | 21                              | 18.60                        | 1.43  | 27.30       | 2.15  | 36.50       | 3.09  | 38.60       | 3.35  | 40.60       | 3.58  | 44.60       | 4.02  | 49.20       | 4.71  |
|        | 23                              | 22.90                        | 2.86  | 31.40       | 4.16  | 40.10       | 7.20  | 42.30       | 7.56  | 44.10       | 7.74  | 47.80       | 8.29  | 52.40       | 9.10  |
|        | 25                              | 32.10                        | 6.98  | 35.50       | 7.08  | 44.10       | 8.01  | 45.90       | 8.25  | 47.70       | 8.49  | 51.30       | 9.17  | 55.60       | 10.20 |
|        | 27                              | 32.30                        | 7.14  | 39.70       | 7.90  | 48.10       | 9.11  | 49.80       | 9.41  | 51.40       | 9.65  | 54.80       | 10.43 | 62.30       | 11.98 |
|        | 29                              | 36.70                        | 8.20  | 44.10       | 9.20  | 52.10       | 10.54 | 53.80       | 10.88 | 55.20       | 11.17 | 60.90       | 12.43 | 73.60       | 15.24 |
|        | 31                              | 41.50                        | 9.63  | 48.50       | 10.82 | 56.30       | 12.58 | 57.80       | 13.01 | 62.20       | 13.97 | 71.90       | 16.18 | 85.00       | 19.54 |
|        | 33                              | 46.40                        | 11.66 | 53.20       | 13.04 | 60.70       | 14.83 | 66.40       | 16.12 | 73.20       | 17.68 | 83.00       | 20.23 | 96.30       | 24.30 |
|        | 35                              | 51.60                        | 13.97 | 57.80       | 15.29 | 71.20       | 18.72 | 77.50       | 20.38 | 84.10       | 22.09 | 94.10       | 25.11 | 107.6       | 30.16 |
|        | 37                              | 51.60                        | 14.83 | 57.80       | 16.22 | 71.20       | 19.83 | 77.50       | 21.60 | 84.10       | 23.43 | 94.10       | 26.79 | 107.6       | 32.07 |
|        | 39                              | 51.60                        | 15.75 | 57.80       | 17.30 | 71.20       | 21.22 | 77.50       | 23.19 | 84.10       | 25.11 | 94.10       | 28.57 | 107.6       | 34.55 |
|        | 41                              | 51.60                        | 17.36 | 57.80       | 19.12 | 71.20       | 23.67 | 77.50       | 25.68 | 84.10       | 27.81 | 94.10       | 31.96 | 107.6       | 38.41 |
|        | 43                              | 51.60                        | 19.22 | 57.80       | 21.24 | 71.20       | 26.31 | 77.50       | 28.57 | 84.10       | 30.95 | 94.10       | 35.62 | 107.6       | 42.84 |
|        | 46                              | 50.40                        | 22.13 | 56.50       | 24.66 | 69.60       | 30.51 | 75.80       | 33.16 | 82.10       | 35.90 | 92.00       | 41.42 | 105.2       | 49.87 |
|        | 48                              | 46.20                        | 20.48 | 51.80       | 22.94 | 64.10       | 28.36 | 69.80       | 30.84 | 75.60       | 33.37 | 84.60       | 38.41 | 96.50       | 46.09 |
|        | 50                              | 42.00                        | 18.87 | 47.20       | 21.24 | 58.50       | 26.19 | 63.70       | 28.46 | 69.10       | 30.81 | 77.10       | 35.34 | 88.00       | 42.23 |
|        | 52                              | 38.00                        | 17.24 | 42.70       | 19.53 | 52.90       | 23.99 | 57.80       | 26.08 | 62.50       | 28.23 | 69.80       | 31.71 | 79.40       | 37.67 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM680LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 48.10                        | 5.00  | 73.90       | 7.04  | 95.30       | 8.21  | 98.60       | 7.87  | 101.5       | 7.59  | 107.1       | 7.56  | 112.2       | 7.73  |
|        | 12                              | 48.10                        | 4.74  | 73.90       | 6.69  | 95.30       | 7.91  | 98.60       | 7.57  | 101.5       | 7.39  | 107.1       | 7.38  | 112.2       | 7.65  |
|        | 14                              | 48.10                        | 4.47  | 73.90       | 6.39  | 95.30       | 7.65  | 98.60       | 7.38  | 101.5       | 7.22  | 107.1       | 7.31  | 112.2       | 7.65  |
|        | 16                              | 48.10                        | 4.28  | 73.90       | 6.13  | 95.30       | 7.55  | 98.60       | 7.33  | 101.5       | 7.27  | 107.1       | 7.41  | 112.2       | 7.86  |
|        | 18                              | 48.10                        | 4.13  | 73.90       | 6.05  | 95.30       | 7.56  | 98.60       | 7.54  | 101.5       | 7.58  | 107.1       | 7.85  | 112.2       | 8.61  |
|        | 20                              | 48.10                        | 4.06  | 73.90       | 6.22  | 95.30       | 8.15  | 98.60       | 8.57  | 101.5       | 8.93  | 107.1       | 9.66  | 112.2       | 10.99 |
|        | 21                              | 54.50                        | 4.91  | 79.80       | 7.64  | 100.3       | 10.72 | 103.4       | 11.33 | 106.1       | 11.37 | 111.1       | 11.81 | 115.9       | 12.50 |
|        | 23                              | 67.20                        | 10.58 | 91.60       | 12.04 | 110.7       | 13.27 | 113.3       | 14.65 | 115.3       | 14.92 | 119.5       | 15.36 | 123.5       | 16.20 |
|        | 25                              | 80.50                        | 12.99 | 103.6       | 14.93 | 121.6       | 16.88 | 123.3       | 19.42 | 124.8       | 19.76 | 127.9       | 20.18 | 131.1       | 21.20 |
|        | 27                              | 93.80                        | 16.52 | 116.0       | 19.05 | 132.5       | 21.91 | 133.7       | 25.98 | 134.5       | 26.08 | 136.6       | 26.34 | 146.5       | 29.43 |
|        | 29                              | 107.6                        | 21.32 | 128.6       | 24.27 | 143.7       | 27.97 | 144.2       | 33.33 | 144.3       | 33.30 | 151.8       | 35.13 | 174.4       | 43.42 |
|        | 31                              | 121.7                        | 26.96 | 141.8       | 29.97 | 155.4       | 35.12 | 155.0       | 39.62 | 162.5       | 42.29 | 178.6       | 47.94 | 202.6       | 58.92 |
|        | 33                              | 136.3                        | 33.93 | 155.0       | 37.62 | 167.2       | 44.19 | 177.9       | 51.59 | 191.0       | 57.54 | 206.1       | 64.14 | 232.9       | 77.88 |
|        | 35                              | 151.1                        | 42.79 | 168.8       | 46.73 | 196.0       | 63.92 | 207.1       | 69.63 | 219.9       | 76.72 | 241.7       | 85.18 | 270.0       | 97.23 |
|        | 37                              | 151.1                        | 45.66 | 168.8       | 49.74 | 195.0       | 64.97 | 205.6       | 70.63 | 228.2       | 81.54 | 250.9       | 90.37 | 262.7       | 95.21 |
|        | 39                              | 151.1                        | 48.67 | 168.8       | 53.15 | 193.5       | 65.08 | 214.6       | 75.38 | 237.7       | 86.53 | 251.9       | 91.21 | 254.5       | 92.11 |
|        | 41                              | 151.1                        | 53.19 | 165.2       | 56.49 | 198.6       | 70.22 | 219.8       | 81.66 | 234.5       | 87.97 | 239.5       | 88.59 | 241.3       | 89.55 |
|        | 43                              | 151.1                        | 57.82 | 160.0       | 56.15 | 204.4       | 77.02 | 219.4       | 85.26 | 222.7       | 85.62 | 227.6       | 86.11 | 229.6       | 87.73 |
|        | 46                              | 147.3                        | 64.16 | 160.0       | 63.46 | 196.2       | 82.25 | 198.3       | 82.47 | 201.8       | 82.98 | 206.1       | 83.37 | 208.1       | 84.88 |
|        | 48                              | 134.7                        | 63.88 | 154.4       | 71.42 | 172.9       | 80.68 | 175.2       | 81.02 | 177.7       | 81.45 | 181.6       | 81.77 | 183.1       | 83.07 |
|        | 50                              | 126.0                        | 66.85 | 146.1       | 79.16 | 149.6       | 78.93 | 151.8       | 79.15 | 153.8       | 79.68 | 157.7       | 80.01 | 158.4       | 80.98 |
|        | 52                              | 121.0                        | 77.56 | 118.9       | 76.98 | 124.3       | 76.27 | 126.2       | 76.06 | 128.6       | 76.85 | 132.1       | 76.85 | 134.4       | 77.97 |
| 120    | 10                              | 43.80                        | 4.58  | 67.30       | 6.66  | 87.80       | 8.11  | 91.00       | 8.19  | 93.70       | 7.76  | 99.20       | 7.59  | 104.1       | 7.75  |
|        | 12                              | 43.80                        | 4.36  | 67.30       | 6.32  | 87.80       | 7.78  | 91.00       | 7.77  | 93.70       | 7.50  | 99.20       | 7.45  | 104.1       | 7.66  |
|        | 14                              | 43.80                        | 4.15  | 67.30       | 6.03  | 87.80       | 7.52  | 91.00       | 7.53  | 93.70       | 7.31  | 99.20       | 7.32  | 104.1       | 7.58  |
|        | 16                              | 43.80                        | 3.94  | 67.30       | 5.78  | 87.80       | 7.32  | 91.00       | 7.36  | 93.70       | 7.23  | 99.20       | 7.27  | 104.1       | 7.67  |
|        | 18                              | 43.80                        | 3.79  | 67.30       | 5.65  | 87.80       | 7.28  | 91.00       | 7.41  | 93.70       | 7.38  | 99.20       | 7.53  | 104.1       | 8.08  |
|        | 20                              | 43.80                        | 3.71  | 67.30       | 5.72  | 87.80       | 7.70  | 91.00       | 7.98  | 93.70       | 8.10  | 99.20       | 8.55  | 104.1       | 9.72  |
|        | 21                              | 49.40                        | 4.45  | 72.40       | 6.91  | 92.60       | 9.97  | 95.50       | 10.50 | 98.00       | 10.58 | 102.9       | 10.74 | 107.4       | 11.36 |
|        | 23                              | 61.20                        | 10.09 | 83.20       | 11.61 | 102.1       | 12.97 | 104.5       | 13.03 | 106.6       | 13.20 | 110.7       | 13.35 | 114.3       | 14.05 |
|        | 25                              | 73.20                        | 12.26 | 94.10       | 14.26 | 112.1       | 16.11 | 113.7       | 16.35 | 115.3       | 16.74 | 118.7       | 16.98 | 121.5       | 17.73 |
|        | 27                              | 85.20                        | 15.27 | 105.5       | 17.97 | 122.2       | 20.41 | 123.3       | 20.82 | 124.2       | 21.51 | 126.8       | 21.74 | 135.8       | 24.06 |
|        | 29                              | 97.80                        | 19.60 | 116.9       | 22.82 | 132.6       | 25.11 | 132.9       | 26.00 | 133.4       | 26.82 | 140.7       | 28.41 | 160.7       | 34.48 |
|        | 31                              | 110.6                        | 24.70 | 128.6       | 28.20 | 143.2       | 30.50 | 143.1       | 32.40 | 150.3       | 35.67 | 166.3       | 40.74 | 185.6       | 48.74 |
|        | 33                              | 123.9                        | 30.83 | 140.8       | 34.88 | 154.1       | 37.55 | 164.1       | 44.89 | 176.8       | 51.18 | 192.0       | 57.22 | 210.3       | 67.57 |
|        | 35                              | 137.3                        | 38.53 | 153.3       | 43.16 | 180.7       | 52.86 | 191.6       | 65.38 | 203.0       | 71.52 | 217.4       | 78.08 | 242.2       | 89.79 |
|        | 37                              | 137.3                        | 41.40 | 153.3       | 45.68 | 180.7       | 57.25 | 191.6       | 66.42 | 203.8       | 72.92 | 225.2       | 82.24 | 251.4       | 94.76 |
|        | 39                              | 137.3                        | 44.51 | 153.3       | 48.49 | 180.7       | 61.31 | 191.7       | 66.69 | 213.0       | 77.80 | 235.0       | 86.78 | 246.5       | 92.58 |
|        | 41                              | 137.3                        | 49.02 | 153.3       | 53.36 | 178.5       | 62.29 | 197.5       | 71.93 | 218.8       | 83.81 | 232.0       | 88.39 | 234.1       | 89.72 |
|        | 43                              | 137.3                        | 53.84 | 152.5       | 54.85 | 183.7       | 67.69 | 203.4       | 78.41 | 215.7       | 85.31 | 220.1       | 85.39 | 222.3       | 87.15 |
|        | 46                              | 134.1                        | 60.44 | 143.8       | 55.51 | 189.1       | 79.61 | 193.0       | 81.52 | 195.1       | 81.72 | 199.3       | 81.94 | 201.6       | 83.67 |
|        | 48                              | 122.7                        | 60.55 | 138.9       | 62.57 | 168.4       | 79.91 | 169.9       | 80.21 | 172.0       | 80.52 | 175.8       | 80.79 | 177.3       | 81.92 |
|        | 50                              | 111.1                        | 60.59 | 132.1       | 70.21 | 145.8       | 78.63 | 147.6       | 79.02 | 149.0       | 79.05 | 152.3       | 79.26 | 153.9       | 80.22 |
|        | 52                              | 105.3                        | 66.94 | 115.5       | 75.80 | 120.3       | 76.51 | 121.8       | 76.54 | 123.7       | 76.44 | 126.8       | 76.79 | 129.7       | 77.51 |
| 110    | 10                              | 39.50                        | 4.15  | 60.80       | 6.20  | 80.50       | 7.76  | 83.30       | 7.92  | 87.90       | 7.89  | 91.00       | 7.75  | 98.20       | 7.81  |
|        | 12                              | 39.50                        | 3.97  | 60.80       | 5.90  | 80.50       | 7.43  | 83.30       | 7.53  | 87.90       | 7.58  | 91.00       | 7.51  | 98.20       | 7.68  |
|        | 14                              | 39.50                        | 3.78  | 60.80       | 5.64  | 80.50       | 7.19  | 83.30       | 7.30  | 87.90       | 7.40  | 91.00       | 7.33  | 98.20       | 7.55  |
|        | 16                              | 39.50                        | 3.59  | 60.80       | 5.40  | 80.50       | 6.96  | 83.30       | 7.12  | 87.90       | 7.27  | 91.00       | 7.22  | 98.20       | 7.51  |
|        | 18                              | 39.50                        | 3.45  | 60.80       | 5.24  | 80.50       | 6.96  | 83.30       | 7.14  | 87.90       | 7.31  | 91.00       | 7.32  | 98.20       | 7.76  |
|        | 20                              | 39.50                        | 3.37  | 60.80       | 5.23  | 80.50       | 7.28  | 83.30       | 7.49  | 87.90       | 7.82  | 91.00       | 7.98  | 98.20       | 8.85  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 44.60                        | 3.97  | 65.40       | 6.19  | 85.00       | 9.09  | 87.50       | 9.55  | 91.90       | 10.14 | 94.50       | 10.40 | 101.4       | 10.87 |
|        | 23                              | 55.10                        | 9.51  | 75.00       | 11.03 | 93.70       | 12.40 | 95.80       | 12.38 | 99.90       | 12.66 | 101.6       | 12.63 | 107.9       | 13.19 |
|        | 25                              | 65.80                        | 11.47 | 85.00       | 13.21 | 102.9       | 15.20 | 104.3       | 15.25 | 108.1       | 15.58 | 108.9       | 15.50 | 114.8       | 16.38 |
|        | 27                              | 76.80                        | 14.07 | 95.10       | 16.49 | 112.1       | 18.93 | 113.0       | 18.95 | 116.4       | 19.27 | 116.3       | 19.20 | 128.2       | 21.87 |
|        | 29                              | 88.30                        | 17.95 | 105.5       | 20.80 | 121.6       | 23.40 | 121.9       | 23.36 | 125.0       | 23.74 | 129.2       | 24.54 | 151.7       | 30.48 |
|        | 31                              | 99.90                        | 22.52 | 116.1       | 25.56 | 131.4       | 28.33 | 131.2       | 28.25 | 140.9       | 30.88 | 152.9       | 34.27 | 175.2       | 41.93 |
|        | 33                              | 111.7                        | 27.89 | 127.1       | 31.37 | 141.4       | 34.32 | 150.5       | 37.36 | 165.7       | 43.23 | 176.2       | 47.25 | 198.4       | 56.77 |
|        | 35                              | 123.8                        | 34.59 | 138.5       | 38.64 | 165.8       | 46.84 | 175.7       | 51.41 | 190.4       | 59.70 | 199.8       | 64.19 | 221.6       | 75.29 |
|        | 37                              | 123.8                        | 36.73 | 138.5       | 41.10 | 165.8       | 49.53 | 175.7       | 55.43 | 190.4       | 64.31 | 199.8       | 68.65 | 223.1       | 80.46 |
|        | 39                              | 123.8                        | 39.54 | 138.5       | 43.75 | 165.8       | 52.97 | 175.7       | 59.86 | 190.4       | 67.77 | 207.4       | 75.85 | 232.9       | 88.92 |
|        | 41                              | 123.8                        | 43.59 | 138.5       | 47.70 | 165.8       | 57.37 | 175.7       | 66.25 | 194.5       | 76.05 | 214.0       | 86.55 | 226.5       | 94.13 |
|        | 43                              | 123.8                        | 47.27 | 138.5       | 51.30 | 163.2       | 61.77 | 180.6       | 70.83 | 200.1       | 81.56 | 213.4       | 88.06 | 214.8       | 89.56 |
|        | 46                              | 120.8                        | 49.26 | 135.3       | 52.14 | 167.5       | 71.20 | 185.6       | 81.34 | 189.0       | 82.99 | 193.1       | 83.23 | 194.3       | 84.52 |
|        | 48                              | 110.6                        | 49.35 | 123.7       | 52.62 | 161.6       | 78.49 | 164.8       | 79.71 | 166.6       | 80.16 | 170.2       | 80.33 | 171.4       | 81.61 |
|        | 50                              | 100.4                        | 49.27 | 117.8       | 58.00 | 141.2       | 76.29 | 142.8       | 76.96 | 144.6       | 77.21 | 147.4       | 77.00 | 148.5       | 78.21 |
| 100    | 52                              | 89.90                        | 48.71 | 111.4       | 67.51 | 115.4       | 72.22 | 117.5       | 73.44 | 118.8       | 73.14 | 121.6       | 72.70 | 124.7       | 73.90 |
|        | 10                              | 34.00                        | 3.71  | 52.10       | 5.72  | 71.20       | 7.38  | 75.90       | 7.60  | 80.00       | 7.64  | 87.70       | 8.05  | 91.70       | 8.06  |
|        | 12                              | 34.00                        | 3.57  | 52.10       | 5.48  | 71.20       | 7.02  | 75.90       | 7.19  | 80.00       | 7.29  | 87.70       | 7.80  | 91.70       | 7.88  |
|        | 14                              | 34.00                        | 3.42  | 52.10       | 5.23  | 71.20       | 6.75  | 75.90       | 6.92  | 80.00       | 7.03  | 87.70       | 7.62  | 91.70       | 7.72  |
|        | 16                              | 34.00                        | 3.24  | 52.10       | 4.97  | 71.20       | 6.52  | 75.90       | 6.75  | 80.00       | 6.90  | 87.70       | 7.48  | 91.70       | 7.66  |
|        | 18                              | 34.00                        | 3.09  | 52.10       | 4.81  | 71.20       | 6.38  | 75.90       | 6.67  | 80.00       | 6.93  | 87.70       | 7.53  | 91.70       | 7.77  |
|        | 20                              | 34.00                        | 3.03  | 52.10       | 4.75  | 71.20       | 6.58  | 75.90       | 7.01  | 80.00       | 7.36  | 87.70       | 7.97  | 91.70       | 8.52  |
|        | 21                              | 38.40                        | 3.53  | 56.30       | 5.47  | 75.20       | 8.03  | 79.60       | 8.68  | 83.60       | 9.27  | 91.10       | 10.05 | 94.60       | 10.84 |
|        | 23                              | 47.40                        | 8.97  | 64.40       | 10.38 | 82.90       | 11.88 | 87.00       | 12.17 | 90.80       | 12.40 | 97.80       | 12.64 | 100.8       | 12.83 |
|        | 25                              | 56.50                        | 10.65 | 73.00       | 12.31 | 91.00       | 14.35 | 94.90       | 14.87 | 98.20       | 15.19 | 104.9       | 15.13 | 107.0       | 15.46 |
|        | 27                              | 66.00                        | 12.94 | 81.70       | 15.06 | 99.20       | 17.79 | 102.8       | 18.41 | 105.9       | 18.78 | 112.1       | 18.71 | 119.7       | 20.21 |
|        | 29                              | 75.60                        | 16.19 | 90.60       | 18.81 | 107.7       | 22.12 | 110.8       | 22.77 | 113.8       | 22.97 | 124.3       | 23.75 | 141.6       | 28.06 |
|        | 31                              | 85.50                        | 20.45 | 99.80       | 23.08 | 116.2       | 26.78 | 119.3       | 27.49 | 128.1       | 29.04 | 147.0       | 32.38 | 163.6       | 37.88 |
|        | 33                              | 95.90                        | 25.02 | 109.2       | 28.12 | 125.2       | 32.50 | 136.9       | 36.21 | 150.8       | 39.00 | 169.8       | 43.70 | 185.4       | 50.54 |
|        | 35                              | 106.3                        | 30.80 | 118.7       | 34.32 | 146.7       | 44.16 | 159.8       | 49.43 | 173.3       | 52.17 | 191.7       | 58.15 | 207.0       | 66.87 |
| 90     | 37                              | 106.3                        | 32.97 | 118.7       | 36.80 | 146.7       | 46.87 | 159.8       | 52.00 | 173.3       | 55.66 | 189.3       | 61.52 | 204.0       | 70.91 |
|        | 39                              | 106.3                        | 35.32 | 118.7       | 39.47 | 146.7       | 49.71 | 159.8       | 54.66 | 173.3       | 59.39 | 187.1       | 64.24 | 202.2       | 74.15 |
|        | 41                              | 106.3                        | 38.50 | 118.7       | 43.09 | 146.7       | 53.60 | 159.8       | 59.02 | 173.3       | 63.64 | 186.5       | 69.55 | 209.2       | 83.60 |
|        | 43                              | 106.3                        | 42.34 | 118.7       | 47.40 | 146.7       | 57.53 | 159.8       | 63.04 | 173.6       | 70.45 | 191.5       | 79.27 | 205.5       | 89.94 |
|        | 46                              | 103.7                        | 47.61 | 116.1       | 53.01 | 146.6       | 65.30 | 161.6       | 76.77 | 178.5       | 88.12 | 184.5       | 89.83 | 185.7       | 91.70 |
|        | 48                              | 95.10                        | 43.59 | 106.5       | 48.41 | 141.1       | 66.19 | 155.9       | 77.41 | 159.1       | 79.06 | 162.7       | 79.28 | 163.7       | 80.60 |
|        | 50                              | 86.50                        | 39.50 | 97.90       | 44.29 | 133.5       | 65.49 | 137.1       | 67.92 | 137.6       | 67.92 | 141.1       | 68.08 | 141.8       | 69.06 |
|        | 52                              | 77.70                        | 34.71 | 94.90       | 45.03 | 108.8       | 55.49 | 111.8       | 55.83 | 113.0       | 55.80 | 116.2       | 55.60 | 118.8       | 56.26 |
|        | 10                              | 30.50                        | 3.35  | 47.00       | 5.30  | 64.10       | 7.03  | 68.30       | 7.33  | 72.00       | 7.48  | 79.60       | 7.99  | 88.40       | 8.61  |
|        | 12                              | 30.50                        | 3.19  | 47.00       | 5.02  | 64.10       | 6.62  | 68.30       | 6.89  | 72.00       | 7.06  | 79.60       | 7.52  | 88.40       | 8.20  |
|        | 14                              | 30.50                        | 3.02  | 47.00       | 4.72  | 64.10       | 6.23  | 68.30       | 6.52  | 72.00       | 6.66  | 79.60       | 7.12  | 88.40       | 7.78  |
|        | 16                              | 30.50                        | 2.88  | 47.00       | 4.43  | 64.10       | 5.92  | 68.30       | 6.16  | 72.00       | 6.34  | 79.60       | 6.79  | 88.40       | 7.46  |
|        | 18                              | 30.50                        | 2.71  | 47.00       | 4.23  | 64.10       | 5.67  | 68.30       | 5.95  | 72.00       | 6.13  | 79.60       | 6.61  | 88.40       | 7.47  |
|        | 20                              | 30.50                        | 2.63  | 47.00       | 4.09  | 64.10       | 5.62  | 68.30       | 5.96  | 72.00       | 6.25  | 79.60       | 6.96  | 88.40       | 7.98  |
|        | 21                              | 34.50                        | 3.02  | 50.70       | 4.61  | 67.60       | 6.61  | 71.70       | 7.13  | 75.10       | 7.62  | 82.70       | 8.44  | 91.20       | 10.33 |
|        | 23                              | 42.50                        | 8.01  | 58.20       | 9.16  | 74.60       | 10.53 | 78.50       | 10.82 | 81.70       | 10.98 | 88.80       | 11.45 | 97.20       | 12.55 |
|        | 25                              | 50.80                        | 9.33  | 65.70       | 10.78 | 81.90       | 12.45 | 85.30       | 12.88 | 88.50       | 13.19 | 95.20       | 13.83 | 103.3       | 14.98 |
|        | 27                              | 59.30                        | 11.22 | 73.50       | 12.91 | 89.30       | 15.21 | 92.40       | 15.74 | 95.30       | 16.13 | 101.7       | 16.75 | 115.4       | 19.22 |
|        | 29                              | 68.00                        | 13.70 | 81.60       | 16.05 | 96.70       | 18.84 | 99.70       | 19.42 | 102.4       | 19.86 | 112.9       | 21.22 | 136.4       | 26.23 |
|        | 31                              | 77.10                        | 17.40 | 89.90       | 19.66 | 104.6       | 22.66 | 107.4       | 23.24 | 115.3       | 25.10 | 133.4       | 28.28 | 157.6       | 34.76 |
|        | 33                              | 86.10                        | 21.23 | 98.30       | 23.74 | 112.5       | 27.30 | 123.2       | 30.25 | 135.5       | 33.83 | 154.1       | 37.37 | 177.8       | 45.38 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 95.70                        | 25.86 | 107.0       | 28.69 | 132.0       | 36.61 | 143.7       | 40.81 | 155.7       | 45.07 | 174.6       | 49.72 | 196.5       | 59.10 |
|        | 37                              | 95.70                        | 27.46 | 107.0       | 30.56 | 132.0       | 39.07 | 143.7       | 43.42 | 155.7       | 47.70 | 174.6       | 52.82 | 194.1       | 62.31 |
|        | 39                              | 95.70                        | 29.17 | 107.0       | 32.55 | 132.0       | 41.46 | 143.7       | 46.23 | 155.7       | 50.28 | 174.6       | 56.40 | 192.1       | 65.50 |
|        | 41                              | 95.70                        | 33.16 | 107.0       | 36.76 | 132.0       | 46.37 | 143.7       | 51.53 | 155.7       | 55.15 | 173.6       | 60.72 | 186.3       | 69.47 |
|        | 43                              | 95.70                        | 36.74 | 107.0       | 40.74 | 132.0       | 51.67 | 143.7       | 56.28 | 155.7       | 59.53 | 169.6       | 65.58 | 188.3       | 78.30 |
|        | 46                              | 93.50                        | 42.82 | 104.8       | 47.87 | 129.0       | 59.61 | 140.4       | 64.56 | 157.6       | 74.63 | 174.3       | 84.46 | 181.8       | 91.67 |
|        | 48                              | 85.50                        | 39.57 | 96.00       | 44.26 | 120.0       | 55.87 | 137.4       | 66.35 | 151.9       | 76.15 | 159.9       | 79.15 | 160.4       | 80.75 |
|        | 50                              | 77.90                        | 36.30 | 87.60       | 40.36 | 116.4       | 56.68 | 133.2       | 67.05 | 135.4       | 69.21 | 138.9       | 68.19 | 139.0       | 69.32 |
|        | 52                              | 69.90                        | 32.93 | 80.20       | 37.30 | 108.5       | 57.11 | 113.7       | 59.62 | 110.3       | 58.26 | 113.8       | 55.82 | 115.8       | 56.75 |
| 80     | 10                              | 27.10                        | 3.09  | 41.80       | 4.86  | 56.90       | 6.67  | 60.60       | 7.05  | 64.20       | 7.29  | 70.80       | 8.00  | 78.50       | 8.64  |
|        | 12                              | 27.10                        | 2.85  | 41.80       | 4.62  | 56.90       | 6.31  | 60.60       | 6.64  | 64.20       | 6.84  | 70.80       | 7.50  | 78.50       | 8.11  |
|        | 14                              | 27.10                        | 2.73  | 41.80       | 4.38  | 56.90       | 5.90  | 60.60       | 6.22  | 64.20       | 6.41  | 70.80       | 7.07  | 78.50       | 7.66  |
|        | 16                              | 27.10                        | 2.59  | 41.80       | 4.11  | 56.90       | 5.57  | 60.60       | 5.88  | 64.20       | 6.09  | 70.80       | 6.72  | 78.50       | 7.29  |
|        | 18                              | 27.10                        | 2.48  | 41.80       | 3.91  | 56.90       | 5.32  | 60.60       | 5.63  | 64.20       | 5.84  | 70.80       | 6.43  | 78.50       | 7.08  |
|        | 20                              | 27.10                        | 2.39  | 41.80       | 3.79  | 56.90       | 5.24  | 60.60       | 5.56  | 64.20       | 5.81  | 70.80       | 6.51  | 78.50       | 7.45  |
|        | 21                              | 30.70                        | 2.73  | 44.90       | 4.19  | 60.00       | 5.95  | 63.70       | 6.36  | 67.10       | 6.77  | 73.60       | 7.70  | 81.10       | 9.23  |
|        | 23                              | 37.80                        | 7.80  | 51.60       | 8.85  | 66.20       | 10.09 | 69.70       | 10.44 | 72.80       | 10.62 | 79.00       | 11.37 | 86.30       | 12.23 |
|        | 25                              | 45.20                        | 8.93  | 58.30       | 10.28 | 72.70       | 11.86 | 75.90       | 12.17 | 78.80       | 12.43 | 84.80       | 13.38 | 91.80       | 14.40 |
|        | 27                              | 52.70                        | 10.60 | 65.20       | 12.16 | 79.20       | 14.22 | 82.20       | 14.66 | 85.00       | 15.00 | 90.40       | 16.00 | 102.5       | 18.00 |
|        | 29                              | 60.40                        | 12.80 | 72.50       | 14.85 | 86.00       | 17.32 | 88.70       | 17.86 | 91.30       | 18.29 | 100.5       | 20.31 | 121.3       | 24.24 |
|        | 31                              | 68.30                        | 16.03 | 79.70       | 18.19 | 92.80       | 20.86 | 95.40       | 21.40 | 102.7       | 22.98 | 118.7       | 26.91 | 140.0       | 31.55 |
|        | 33                              | 76.50                        | 19.59 | 87.30       | 21.86 | 99.90       | 24.89 | 109.6       | 27.49 | 120.8       | 30.63 | 137.1       | 35.24 | 158.8       | 40.77 |
|        | 35                              | 84.80                        | 23.69 | 95.00       | 26.18 | 117.1       | 32.98 | 127.8       | 36.56 | 139.0       | 40.51 | 155.4       | 45.93 | 177.5       | 53.03 |
|        | 37                              | 84.80                        | 25.10 | 95.00       | 27.85 | 117.1       | 35.07 | 127.8       | 38.96 | 139.0       | 43.11 | 155.4       | 48.61 | 177.5       | 56.42 |
|        | 39                              | 84.80                        | 26.57 | 95.00       | 29.54 | 117.1       | 37.52 | 127.8       | 41.82 | 139.0       | 46.23 | 155.4       | 51.47 | 177.5       | 60.37 |
|        | 41                              | 84.80                        | 29.98 | 95.00       | 33.36 | 117.1       | 42.04 | 127.8       | 46.79 | 139.0       | 51.79 | 155.4       | 56.70 | 177.1       | 66.37 |
|        | 43                              | 84.80                        | 33.72 | 95.00       | 37.27 | 117.1       | 46.90 | 127.8       | 52.09 | 139.0       | 57.52 | 155.4       | 61.51 | 171.7       | 70.40 |
|        | 46                              | 83.00                        | 38.96 | 92.80       | 43.48 | 114.5       | 54.38 | 124.8       | 59.41 | 135.6       | 65.84 | 151.6       | 71.60 | 168.8       | 84.37 |
|        | 48                              | 76.00                        | 35.98 | 85.20       | 40.21 | 105.3       | 50.07 | 114.8       | 54.57 | 129.2       | 64.48 | 146.4       | 72.03 | 157.4       | 80.91 |
|        | 50                              | 69.20                        | 32.94 | 77.60       | 36.86 | 96.10       | 45.57 | 109.3       | 53.41 | 125.2       | 65.20 | 136.1       | 68.27 | 136.4       | 69.45 |
|        | 52                              | 62.20                        | 29.88 | 69.80       | 32.88 | 92.70       | 46.73 | 104.9       | 55.48 | 109.7       | 60.34 | 110.8       | 56.17 | 113.0       | 57.04 |
| 70     | 10                              | 23.60                        | 2.85  | 36.50       | 4.12  | 49.80       | 5.81  | 53.00       | 6.24  | 56.00       | 6.55  | 61.90       | 7.26  | 68.60       | 8.13  |
|        | 12                              | 23.60                        | 2.38  | 36.50       | 3.93  | 49.80       | 5.55  | 53.00       | 5.90  | 56.00       | 6.17  | 61.90       | 6.85  | 68.60       | 7.64  |
|        | 14                              | 23.60                        | 2.29  | 36.50       | 3.73  | 49.80       | 5.22  | 53.00       | 5.52  | 56.00       | 5.78  | 61.90       | 6.41  | 68.60       | 7.17  |
|        | 16                              | 23.60                        | 2.21  | 36.50       | 3.55  | 49.80       | 4.90  | 53.00       | 5.22  | 56.00       | 5.46  | 61.90       | 6.05  | 68.60       | 6.80  |
|        | 18                              | 23.60                        | 2.12  | 36.50       | 3.37  | 49.80       | 4.71  | 53.00       | 5.00  | 56.00       | 5.22  | 61.90       | 5.78  | 68.60       | 6.54  |
|        | 20                              | 23.60                        | 2.03  | 36.50       | 3.26  | 49.80       | 4.57  | 53.00       | 4.90  | 56.00       | 5.14  | 61.90       | 5.73  | 68.60       | 6.65  |
|        | 21                              | 26.90                        | 2.30  | 39.30       | 3.57  | 52.40       | 5.07  | 55.60       | 5.44  | 58.60       | 5.75  | 64.40       | 6.47  | 71.00       | 7.84  |
|        | 23                              | 33.20                        | 6.75  | 45.10       | 8.28  | 58.00       | 9.27  | 60.90       | 9.58  | 63.70       | 9.78  | 69.20       | 10.62 | 75.50       | 11.66 |
|        | 25                              | 39.50                        | 8.09  | 51.20       | 9.32  | 63.60       | 10.73 | 66.30       | 11.09 | 69.00       | 11.27 | 74.00       | 12.20 | 80.20       | 13.18 |
|        | 27                              | 46.10                        | 9.45  | 57.30       | 10.95 | 69.30       | 12.57 | 72.00       | 12.93 | 74.20       | 13.37 | 79.00       | 14.45 | 89.80       | 16.32 |
|        | 29                              | 53.00                        | 11.35 | 63.50       | 13.00 | 75.20       | 15.22 | 77.60       | 15.67 | 79.90       | 16.05 | 87.90       | 18.01 | 106.1       | 22.04 |
|        | 31                              | 59.80                        | 13.94 | 69.90       | 16.08 | 81.20       | 18.34 | 83.30       | 18.82 | 89.80       | 20.12 | 103.9       | 23.75 | 122.6       | 28.50 |
|        | 33                              | 67.00                        | 17.10 | 76.50       | 19.10 | 87.40       | 21.66 | 95.80       | 23.73 | 105.7       | 26.31 | 119.9       | 30.83 | 138.9       | 36.78 |
|        | 35                              | 74.40                        | 20.64 | 83.20       | 22.81 | 102.4       | 28.21 | 111.7       | 31.08 | 121.4       | 34.27 | 135.8       | 39.87 | 155.3       | 47.06 |
|        | 37                              | 74.40                        | 21.93 | 83.20       | 24.16 | 102.4       | 29.99 | 111.7       | 33.12 | 121.4       | 36.54 | 135.8       | 42.51 | 155.3       | 49.81 |
|        | 39                              | 74.40                        | 23.29 | 83.20       | 25.77 | 102.4       | 32.09 | 111.7       | 35.59 | 121.4       | 39.36 | 135.8       | 45.48 | 155.3       | 53.56 |
|        | 41                              | 74.40                        | 26.25 | 83.20       | 28.86 | 102.4       | 35.95 | 111.7       | 39.86 | 121.4       | 43.78 | 135.8       | 51.00 | 155.3       | 59.23 |
|        | 43                              | 74.40                        | 29.25 | 83.20       | 32.20 | 102.4       | 40.12 | 111.7       | 44.44 | 121.4       | 48.83 | 135.8       | 56.92 | 155.3       | 65.57 |
|        | 46                              | 72.60                        | 33.75 | 81.40       | 37.48 | 100.2       | 46.74 | 109.3       | 51.27 | 118.8       | 56.52 | 132.6       | 65.62 | 151.7       | 74.55 |
|        | 48                              | 66.60                        | 31.21 | 74.80       | 34.70 | 92.00       | 43.26 | 100.5       | 47.42 | 109.2       | 52.09 | 121.8       | 60.18 | 141.4       | 69.82 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 60.60                        | 28.60 | 68.00       | 31.86 | 84.00       | 39.70 | 91.70       | 43.14 | 100.4       | 47.96 | 116.5       | 59.37 | 137.3       | 70.03 |
|        | 52                              | 54.60                        | 25.98 | 61.20       | 28.95 | 75.80       | 35.29 | 85.50       | 41.13 | 97.20       | 50.02 | 108.0       | 59.25 | 116.1       | 60.02 |
| 60     | 10                              | 20.30                        | 2.57  | 31.20       | 3.62  | 42.70       | 4.87  | 45.40       | 5.29  | 48.10       | 5.61  | 53.20       | 6.31  | 58.90       | 7.15  |
|        | 12                              | 20.30                        | 1.94  | 31.20       | 3.19  | 42.70       | 4.64  | 45.40       | 5.03  | 48.10       | 5.33  | 53.20       | 5.97  | 58.90       | 6.75  |
|        | 14                              | 20.30                        | 1.87  | 31.20       | 3.07  | 42.70       | 4.41  | 45.40       | 4.74  | 48.10       | 5.01  | 53.20       | 5.61  | 58.90       | 6.33  |
|        | 16                              | 20.30                        | 1.82  | 31.20       | 2.95  | 42.70       | 4.17  | 45.40       | 4.47  | 48.10       | 4.74  | 53.20       | 5.28  | 58.90       | 5.96  |
|        | 18                              | 20.30                        | 1.77  | 31.20       | 2.83  | 42.70       | 3.97  | 45.40       | 4.27  | 48.10       | 4.52  | 53.20       | 5.03  | 58.90       | 5.72  |
|        | 20                              | 20.30                        | 1.69  | 31.20       | 2.73  | 42.70       | 3.86  | 45.40       | 4.16  | 48.10       | 4.39  | 53.20       | 4.92  | 58.90       | 5.66  |
|        | 21                              | 22.80                        | 1.91  | 33.70       | 2.94  | 45.00       | 4.23  | 47.60       | 4.54  | 50.30       | 4.81  | 55.20       | 5.39  | 60.90       | 6.38  |
|        | 23                              | 28.30                        | 4.64  | 38.70       | 6.91  | 49.80       | 8.50  | 52.20       | 8.75  | 54.60       | 8.90  | 59.30       | 9.62  | 64.80       | 10.75 |
|        | 25                              | 34.20                        | 7.43  | 43.80       | 8.35  | 54.60       | 9.53  | 56.90       | 9.87  | 59.10       | 10.11 | 63.60       | 10.94 | 68.90       | 12.17 |
|        | 27                              | 39.50                        | 8.38  | 49.00       | 9.60  | 59.40       | 11.05 | 61.50       | 11.40 | 63.70       | 11.65 | 67.80       | 12.55 | 76.90       | 14.67 |
|        | 29                              | 45.30                        | 9.91  | 54.30       | 11.31 | 64.50       | 13.08 | 66.60       | 13.53 | 68.30       | 13.94 | 75.30       | 15.51 | 91.00       | 19.40 |
|        | 31                              | 51.30                        | 11.93 | 59.90       | 13.71 | 69.60       | 15.86 | 71.40       | 16.30 | 77.10       | 17.38 | 89.10       | 20.28 | 105.0       | 24.94 |
|        | 33                              | 57.40                        | 14.62 | 65.50       | 16.42 | 75.00       | 18.63 | 82.20       | 20.32 | 90.50       | 22.34 | 102.8       | 25.86 | 119.1       | 31.71 |
|        | 35                              | 63.70                        | 17.60 | 71.30       | 19.52 | 87.90       | 23.84 | 95.80       | 26.08 | 104.1       | 28.55 | 116.5       | 32.94 | 133.1       | 40.12 |
|        | 37                              | 63.70                        | 18.61 | 71.30       | 20.64 | 87.90       | 25.29 | 95.80       | 27.76 | 104.1       | 30.36 | 116.5       | 35.03 | 133.1       | 42.72 |
|        | 39                              | 63.70                        | 19.82 | 71.30       | 21.98 | 87.90       | 27.23 | 95.80       | 29.75 | 104.1       | 32.62 | 116.5       | 37.57 | 133.1       | 45.78 |
|        | 41                              | 63.70                        | 22.02 | 71.30       | 24.56 | 87.90       | 30.25 | 95.80       | 33.25 | 104.1       | 36.27 | 116.5       | 42.12 | 133.1       | 50.98 |
|        | 43                              | 63.70                        | 24.51 | 71.30       | 27.37 | 87.90       | 33.75 | 95.80       | 37.06 | 104.1       | 40.43 | 116.5       | 47.04 | 133.1       | 56.97 |
|        | 46                              | 62.30                        | 28.53 | 69.70       | 31.86 | 85.90       | 39.29 | 93.60       | 43.11 | 101.7       | 47.04 | 113.9       | 54.78 | 130.1       | 66.98 |
|        | 48                              | 56.90                        | 26.45 | 63.90       | 29.51 | 78.90       | 36.44 | 86.00       | 39.91 | 93.50       | 43.55 | 104.5       | 50.57 | 119.3       | 61.43 |
|        | 50                              | 51.90                        | 24.30 | 58.10       | 27.14 | 72.10       | 33.48 | 78.60       | 36.67 | 85.30       | 40.02 | 95.30       | 45.98 | 108.5       | 55.67 |
|        | 52                              | 46.70                        | 22.11 | 52.50       | 24.72 | 64.90       | 30.50 | 71.00       | 32.77 | 77.30       | 35.60 | 87.90       | 43.09 | 102.9       | 55.31 |
| 50     | 10                              | 17.00                        | 2.50  | 26.10       | 3.23  | 35.60       | 4.09  | 37.90       | 4.21  | 40.10       | 4.53  | 44.30       | 5.12  | 49.10       | 5.84  |
|        | 12                              | 17.00                        | 1.75  | 26.10       | 2.49  | 35.60       | 3.65  | 37.90       | 4.02  | 40.10       | 4.34  | 44.30       | 4.90  | 49.10       | 5.58  |
|        | 14                              | 17.00                        | 1.62  | 26.10       | 2.41  | 35.60       | 3.51  | 37.90       | 3.83  | 40.10       | 4.10  | 44.30       | 4.62  | 49.10       | 5.26  |
|        | 16                              | 17.00                        | 1.59  | 26.10       | 2.34  | 35.60       | 3.37  | 37.90       | 3.65  | 40.10       | 3.89  | 44.30       | 4.39  | 49.10       | 4.97  |
|        | 18                              | 17.00                        | 1.53  | 26.10       | 2.24  | 35.60       | 3.22  | 37.90       | 3.49  | 40.10       | 3.70  | 44.30       | 4.17  | 49.10       | 4.74  |
|        | 20                              | 17.00                        | 1.48  | 26.10       | 2.17  | 35.60       | 3.12  | 37.90       | 3.38  | 40.10       | 3.61  | 44.30       | 4.06  | 49.10       | 4.65  |
|        | 21                              | 19.20                        | 1.56  | 28.10       | 2.34  | 37.60       | 3.35  | 39.70       | 3.62  | 41.80       | 3.85  | 46.00       | 4.33  | 50.70       | 5.07  |
|        | 23                              | 23.60                        | 3.15  | 32.30       | 4.56  | 41.30       | 7.65  | 43.60       | 7.91  | 45.50       | 8.07  | 49.30       | 8.64  | 54.00       | 9.48  |
|        | 25                              | 32.40                        | 7.24  | 36.50       | 7.43  | 45.50       | 8.40  | 47.30       | 8.64  | 49.20       | 8.86  | 52.90       | 9.57  | 57.30       | 10.65 |
|        | 27                              | 33.10                        | 7.48  | 40.90       | 8.31  | 49.50       | 9.57  | 51.30       | 9.86  | 52.90       | 10.11 | 56.60       | 10.90 | 64.20       | 12.55 |
|        | 29                              | 37.80                        | 8.64  | 45.40       | 9.71  | 53.70       | 11.08 | 55.50       | 11.43 | 56.90       | 11.72 | 62.80       | 13.05 | 75.80       | 16.06 |
|        | 31                              | 42.80                        | 10.18 | 50.00       | 11.44 | 58.00       | 13.27 | 59.50       | 13.70 | 64.00       | 14.71 | 74.20       | 17.05 | 87.60       | 20.62 |
|        | 33                              | 47.90                        | 12.35 | 54.80       | 13.80 | 62.50       | 15.66 | 68.50       | 17.03 | 75.40       | 18.66 | 85.50       | 21.36 | 99.20       | 25.74 |
|        | 35                              | 53.20                        | 14.81 | 59.50       | 16.21 | 73.30       | 19.80 | 79.90       | 21.55 | 86.70       | 23.36 | 97.00       | 26.60 | 111.0       | 32.03 |
|        | 37                              | 53.20                        | 15.72 | 59.50       | 17.19 | 73.30       | 20.96 | 79.90       | 22.85 | 86.70       | 24.78 | 97.00       | 28.37 | 111.0       | 34.06 |
|        | 39                              | 53.20                        | 16.70 | 59.50       | 18.35 | 73.30       | 22.44 | 79.90       | 24.53 | 86.70       | 26.57 | 97.00       | 30.28 | 111.0       | 36.69 |
|        | 41                              | 53.20                        | 18.43 | 59.50       | 20.32 | 73.30       | 25.07 | 79.90       | 27.20 | 86.70       | 29.47 | 97.00       | 33.90 | 111.0       | 40.85 |
|        | 43                              | 53.20                        | 20.42 | 59.50       | 22.59 | 73.30       | 27.90 | 79.90       | 30.30 | 86.70       | 32.84 | 97.00       | 37.85 | 111.0       | 45.62 |
|        | 46                              | 52.00                        | 23.56 | 58.30       | 26.30 | 71.70       | 32.41 | 78.10       | 35.23 | 84.50       | 38.14 | 94.80       | 44.08 | 108.4       | 53.18 |
|        | 48                              | 47.60                        | 21.77 | 53.30       | 24.43 | 65.90       | 30.04 | 71.90       | 32.69 | 77.70       | 35.37 | 87.00       | 40.77 | 99.40       | 49.03 |
|        | 50                              | 43.20                        | 20.03 | 48.50       | 22.55 | 60.10       | 27.66 | 65.50       | 30.06 | 70.90       | 32.54 | 79.20       | 37.40 | 90.40       | 44.80 |
|        | 52                              | 39.00                        | 18.26 | 43.90       | 20.66 | 54.30       | 25.23 | 59.30       | 27.44 | 64.10       | 29.69 | 71.60       | 33.44 | 81.60       | 39.83 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM700LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 41.60                        | 2.80  | 66.90       | 4.48  | 94.80       | 6.40  | 101.5       | 6.90  | 108.1       | 7.38  | 115.1       | 7.91  | 122.5       | 8.56  |
|        | 12                              | 41.60                        | 2.80  | 66.90       | 4.50  | 94.80       | 6.43  | 101.5       | 6.94  | 108.1       | 7.46  | 115.1       | 7.98  | 122.5       | 8.64  |
|        | 14                              | 41.60                        | 2.71  | 66.90       | 4.49  | 94.80       | 6.50  | 101.5       | 7.05  | 108.1       | 7.46  | 115.1       | 8.04  | 122.5       | 8.83  |
|        | 16                              | 41.60                        | 2.65  | 66.90       | 4.54  | 94.80       | 6.66  | 101.5       | 7.16  | 108.1       | 7.66  | 115.1       | 8.29  | 122.5       | 9.22  |
|        | 18                              | 41.60                        | 2.68  | 66.90       | 4.61  | 94.80       | 6.92  | 101.5       | 7.53  | 108.1       | 8.14  | 115.1       | 8.88  | 122.5       | 10.13 |
|        | 20                              | 41.60                        | 2.78  | 66.90       | 4.89  | 94.80       | 7.75  | 101.5       | 8.51  | 108.1       | 9.46  | 115.1       | 10.62 | 122.5       | 12.48 |
|        | 21                              | 47.20                        | 3.48  | 72.10       | 6.19  | 99.80       | 10.48 | 106.5       | 11.23 | 113.1       | 11.92 | 119.4       | 12.77 | 126.4       | 13.90 |
|        | 23                              | 58.20                        | 8.12  | 82.70       | 10.34 | 110.3       | 13.20 | 116.6       | 13.90 | 122.9       | 14.96 | 128.4       | 15.74 | 134.7       | 17.09 |
|        | 25                              | 69.60                        | 10.21 | 93.70       | 12.99 | 121.0       | 16.64 | 127.0       | 17.52 | 133.0       | 18.69 | 137.6       | 19.64 | 143.1       | 21.10 |
|        | 27                              | 81.20                        | 13.14 | 105.0       | 16.43 | 131.9       | 21.13 | 137.5       | 22.40 | 143.3       | 23.55 | 147.0       | 24.41 | 159.9       | 27.78 |
|        | 29                              | 93.10                        | 16.99 | 116.2       | 20.77 | 143.1       | 26.33 | 148.3       | 27.51 | 153.8       | 28.79 | 163.2       | 31.06 | 189.1       | 39.02 |
|        | 31                              | 105.3                        | 21.34 | 128.0       | 25.77 | 154.6       | 32.34 | 159.6       | 33.66 | 173.3       | 37.58 | 193.1       | 43.73 | 218.4       | 54.07 |
|        | 33                              | 117.9                        | 26.77 | 140.0       | 31.92 | 166.5       | 39.73 | 183.1       | 45.29 | 203.8       | 52.90 | 222.9       | 60.66 | 247.5       | 73.34 |
|        | 35                              | 130.7                        | 33.58 | 152.5       | 39.55 | 195.2       | 55.46 | 213.8       | 63.53 | 234.3       | 72.95 | 252.5       | 81.72 | 276.5       | 93.87 |
|        | 37                              | 130.7                        | 35.84 | 152.5       | 42.21 | 195.2       | 59.20 | 213.5       | 67.25 | 234.4       | 77.34 | 252.5       | 86.27 | 259.0       | 91.35 |
|        | 39                              | 130.7                        | 38.23 | 152.5       | 44.74 | 195.0       | 60.53 | 213.6       | 69.26 | 234.1       | 79.92 | 242.8       | 84.21 | 240.1       | 84.93 |
|        | 41                              | 130.7                        | 40.79 | 152.5       | 46.64 | 195.1       | 62.47 | 213.5       | 71.49 | 224.4       | 77.17 | 224.3       | 77.18 | 221.8       | 78.10 |
|        | 43                              | 130.7                        | 43.34 | 152.5       | 47.93 | 195.1       | 66.34 | 206.5       | 72.18 | 206.6       | 72.13 | 206.5       | 72.11 | 204.2       | 73.14 |
|        | 46                              | 130.7                        | 46.61 | 152.5       | 52.07 | 181.5       | 66.22 | 181.2       | 66.17 | 181.5       | 66.14 | 181.3       | 66.20 | 179.0       | 66.95 |
|        | 48                              | 130.7                        | 49.31 | 152.6       | 57.06 | 165.6       | 63.77 | 165.8       | 63.87 | 165.4       | 63.64 | 165.3       | 63.67 | 163.5       | 64.46 |
|        | 50                              | 131.0                        | 52.35 | 150.5       | 60.77 | 150.4       | 60.69 | 150.4       | 60.73 | 150.3       | 60.69 | 150.2       | 60.62 | 148.1       | 61.26 |
|        | 52                              | 129.6                        | 55.47 | 131.9       | 53.98 | 133.4       | 51.88 | 133.7       | 51.41 | 134.2       | 50.93 | 134.5       | 50.57 | 134.2       | 50.89 |
| 120    | 10                              | 38.50                        | 2.59  | 61.90       | 4.13  | 87.50       | 5.90  | 93.70       | 6.33  | 99.80       | 6.77  | 106.3       | 7.23  | 113.1       | 7.81  |
|        | 12                              | 38.50                        | 2.59  | 61.90       | 4.13  | 87.50       | 5.94  | 93.70       | 6.36  | 99.80       | 6.82  | 106.3       | 7.32  | 113.1       | 7.91  |
|        | 14                              | 38.50                        | 2.48  | 61.90       | 4.13  | 87.50       | 5.98  | 93.70       | 6.42  | 99.80       | 6.93  | 106.3       | 7.38  | 113.1       | 7.98  |
|        | 16                              | 38.50                        | 2.39  | 61.90       | 4.10  | 87.50       | 6.08  | 93.70       | 6.57  | 99.80       | 7.03  | 106.3       | 7.48  | 113.1       | 8.25  |
|        | 18                              | 38.50                        | 2.41  | 61.90       | 4.19  | 87.50       | 6.32  | 93.70       | 6.82  | 99.80       | 7.34  | 106.3       | 7.93  | 113.1       | 8.88  |
|        | 20                              | 38.50                        | 2.48  | 61.90       | 4.42  | 87.50       | 6.95  | 93.70       | 7.63  | 99.80       | 8.28  | 106.3       | 9.19  | 113.1       | 10.82 |
|        | 21                              | 43.50                        | 3.07  | 66.50       | 5.46  | 92.30       | 9.25  | 98.30       | 10.27 | 104.3       | 10.99 | 110.3       | 11.66 | 116.8       | 12.73 |
|        | 23                              | 53.80                        | 7.65  | 76.40       | 9.72  | 101.8       | 12.21 | 107.5       | 12.90 | 113.3       | 13.52 | 118.6       | 14.32 | 124.3       | 15.47 |
|        | 25                              | 64.30                        | 9.50  | 86.50       | 12.06 | 111.6       | 15.26 | 117.2       | 16.13 | 122.7       | 16.83 | 127.1       | 17.74 | 132.1       | 19.04 |
|        | 27                              | 74.90                        | 12.16 | 96.90       | 15.19 | 121.8       | 19.35 | 126.9       | 20.19 | 132.2       | 21.33 | 135.8       | 22.02 | 147.7       | 25.13 |
|        | 29                              | 86.00                        | 15.73 | 107.4       | 19.15 | 132.1       | 23.97 | 136.9       | 24.98 | 142.0       | 26.10 | 150.8       | 28.06 | 174.7       | 34.90 |
|        | 31                              | 97.30                        | 19.77 | 118.3       | 23.58 | 142.7       | 29.29 | 147.3       | 30.41 | 159.9       | 33.78 | 178.3       | 39.07 | 201.5       | 47.89 |
|        | 33                              | 108.8                        | 24.54 | 129.5       | 29.01 | 153.6       | 35.78 | 169.1       | 40.58 | 188.2       | 47.06 | 205.7       | 53.64 | 228.6       | 64.80 |
|        | 35                              | 120.7                        | 30.58 | 141.0       | 35.76 | 180.2       | 49.43 | 197.3       | 56.31 | 216.2       | 64.67 | 233.1       | 72.43 | 255.5       | 84.83 |
|        | 37                              | 120.7                        | 32.63 | 141.0       | 38.18 | 180.2       | 52.74 | 197.3       | 60.13 | 216.3       | 68.45 | 233.1       | 76.76 | 255.5       | 89.63 |
|        | 39                              | 120.7                        | 34.83 | 141.0       | 40.72 | 180.2       | 54.63 | 197.1       | 61.49 | 216.2       | 70.51 | 233.1       | 79.30 | 240.1       | 85.01 |
|        | 41                              | 120.7                        | 37.15 | 141.0       | 43.02 | 180.2       | 55.58 | 197.1       | 63.49 | 216.3       | 72.84 | 224.3       | 77.19 | 221.8       | 78.10 |
|        | 43                              | 120.7                        | 39.65 | 141.0       | 44.57 | 180.2       | 58.90 | 197.3       | 67.35 | 206.6       | 72.16 | 206.7       | 72.16 | 204.0       | 72.97 |
|        | 46                              | 120.7                        | 43.49 | 140.7       | 47.06 | 180.2       | 65.46 | 181.5       | 66.23 | 181.2       | 66.16 | 181.2       | 66.15 | 179.4       | 67.05 |
|        | 48                              | 120.7                        | 45.91 | 140.9       | 51.57 | 165.9       | 63.85 | 165.6       | 63.78 | 165.3       | 63.76 | 165.3       | 63.64 | 163.4       | 64.56 |
|        | 50                              | 120.7                        | 48.31 | 140.9       | 55.75 | 150.5       | 60.73 | 150.4       | 60.71 | 150.7       | 60.88 | 150.2       | 60.69 | 148.6       | 61.39 |
|        | 52                              | 120.7                        | 50.36 | 131.4       | 54.87 | 132.9       | 52.70 | 133.1       | 52.29 | 133.5       | 51.84 | 133.7       | 51.49 | 133.5       | 51.98 |
| 110    | 10                              | 35.30                        | 2.36  | 56.70       | 3.78  | 80.10       | 5.39  | 85.80       | 5.79  | 91.40       | 6.19  | 97.40       | 6.61  | 103.5       | 7.11  |
|        | 12                              | 35.30                        | 2.36  | 56.70       | 3.78  | 80.10       | 5.43  | 85.80       | 5.83  | 91.40       | 6.20  | 97.40       | 6.65  | 103.5       | 7.18  |
|        | 14                              | 35.30                        | 2.25  | 56.70       | 3.72  | 80.10       | 5.45  | 85.80       | 5.86  | 91.40       | 6.26  | 97.40       | 6.72  | 103.5       | 7.31  |
|        | 16                              | 35.30                        | 2.15  | 56.70       | 3.69  | 80.10       | 5.53  | 85.80       | 5.95  | 91.40       | 6.39  | 97.40       | 6.83  | 103.5       | 7.46  |
|        | 18                              | 35.30                        | 2.13  | 56.70       | 3.75  | 80.10       | 5.72  | 85.80       | 6.19  | 91.40       | 6.61  | 97.40       | 7.16  | 103.5       | 7.90  |
|        | 20                              | 35.30                        | 2.20  | 56.70       | 3.92  | 80.10       | 6.20  | 85.80       | 6.79  | 91.40       | 7.36  | 97.40       | 8.02  | 103.5       | 9.24  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 39.90                        | 2.68  | 61.00       | 4.78  | 84.60       | 8.00  | 89.90       | 8.90  | 95.60       | 9.81  | 101.1       | 10.62 | 107.0       | 11.52 |
|        | 23                               | 49.30                        | 7.10  | 70.00       | 9.10  | 93.40       | 11.36 | 98.60       | 11.85 | 103.9       | 12.47 | 108.6       | 13.01 | 113.8       | 13.90 |
|        | 25                               | 58.80                        | 8.83  | 79.20       | 11.09 | 102.4       | 14.01 | 107.4       | 14.66 | 112.4       | 15.37 | 116.5       | 15.94 | 121.0       | 17.05 |
|        | 27                               | 68.70                        | 11.10 | 88.60       | 14.02 | 111.6       | 17.52 | 116.2       | 18.24 | 121.2       | 19.18 | 124.3       | 19.67 | 135.2       | 22.51 |
|        | 29                               | 78.80                        | 14.43 | 98.40       | 17.54 | 121.2       | 21.69 | 125.6       | 22.62 | 130.2       | 23.59 | 138.0       | 25.25 | 159.9       | 31.01 |
|        | 31                               | 89.20                        | 18.19 | 108.3       | 21.47 | 130.9       | 26.41 | 135.0       | 27.37 | 146.6       | 30.26 | 163.4       | 34.73 | 184.8       | 42.22 |
|        | 33                               | 99.70                        | 22.45 | 118.6       | 26.28 | 140.7       | 32.08 | 154.9       | 36.18 | 172.6       | 41.70 | 188.4       | 47.23 | 209.3       | 56.76 |
|        | 35                               | 110.7                        | 27.75 | 129.1       | 32.21 | 165.2       | 43.88 | 180.8       | 49.68 | 198.2       | 56.73 | 213.6       | 63.58 | 233.9       | 75.05 |
|        | 37                               | 110.7                        | 29.61 | 129.1       | 34.37 | 165.2       | 46.83 | 180.8       | 53.02 | 198.2       | 60.58 | 213.6       | 67.82 | 234.2       | 79.64 |
|        | 39                               | 110.7                        | 31.59 | 129.1       | 36.68 | 165.2       | 49.60 | 180.8       | 55.18 | 198.2       | 62.01 | 213.6       | 69.30 | 234.1       | 82.06 |
|        | 41                               | 110.7                        | 33.71 | 129.1       | 39.06 | 165.2       | 51.11 | 180.8       | 56.02 | 198.4       | 63.98 | 213.5       | 71.54 | 221.7       | 78.18 |
|        | 43                               | 110.7                        | 36.00 | 129.1       | 41.38 | 165.2       | 52.22 | 180.7       | 59.20 | 198.4       | 67.86 | 206.4       | 72.21 | 204.3       | 73.10 |
|        | 46                               | 110.7                        | 39.72 | 129.1       | 43.82 | 165.0       | 57.86 | 180.7       | 65.78 | 181.4       | 66.23 | 181.3       | 66.18 | 179.1       | 67.04 |
|        | 48                               | 110.7                        | 42.26 | 129.1       | 46.46 | 164.9       | 63.36 | 165.3       | 63.71 | 165.8       | 63.81 | 165.5       | 63.73 | 163.3       | 64.49 |
|        | 50                               | 110.7                        | 44.70 | 129.0       | 50.22 | 150.4       | 60.78 | 150.4       | 60.76 | 150.3       | 60.72 | 150.3       | 60.70 | 148.6       | 61.40 |
|        | 52                               | 110.9                        | 45.57 | 128.9       | 54.26 | 132.2       | 53.78 | 132.4       | 53.35 | 132.7       | 52.89 | 132.4       | 52.47 | 133.0       | 52.59 |
| 100    | 10                               | 32.20                        | 2.15  | 51.40       | 3.44  | 72.80       | 4.90  | 78.10       | 5.25  | 83.30       | 5.60  | 88.60       | 5.98  | 94.10       | 6.42  |
|        | 12                               | 32.20                        | 2.13  | 51.40       | 3.44  | 72.80       | 4.90  | 78.10       | 5.28  | 83.30       | 5.64  | 88.60       | 6.02  | 94.10       | 6.46  |
|        | 14                               | 32.20                        | 2.03  | 51.40       | 3.33  | 72.80       | 4.90  | 78.10       | 5.30  | 83.30       | 5.69  | 88.60       | 6.05  | 94.10       | 6.53  |
|        | 16                               | 32.20                        | 1.90  | 51.40       | 3.24  | 72.80       | 4.92  | 78.10       | 5.37  | 83.30       | 5.75  | 88.60       | 6.17  | 94.10       | 6.72  |
|        | 18                               | 32.20                        | 1.86  | 51.40       | 3.31  | 72.80       | 5.05  | 78.10       | 5.50  | 83.30       | 5.97  | 88.60       | 6.39  | 94.10       | 7.03  |
|        | 20                               | 32.20                        | 1.92  | 51.40       | 3.43  | 72.80       | 5.44  | 78.10       | 5.97  | 83.30       | 6.48  | 88.60       | 7.05  | 94.10       | 8.04  |
|        | 21                               | 36.30                        | 2.32  | 55.60       | 4.10  | 77.00       | 6.82  | 81.90       | 7.61  | 86.80       | 8.38  | 92.10       | 9.20  | 97.30       | 10.60 |
|        | 23                               | 44.80                        | 6.60  | 63.70       | 8.37  | 85.00       | 10.51 | 89.70       | 11.01 | 94.50       | 11.45 | 98.70       | 11.91 | 103.6       | 12.71 |
|        | 25                               | 53.60                        | 8.06  | 72.10       | 10.23 | 93.10       | 12.86 | 97.60       | 13.46 | 102.2       | 13.98 | 106.0       | 14.47 | 110.0       | 15.38 |
|        | 27                               | 62.40                        | 10.11 | 80.70       | 12.78 | 101.5       | 15.89 | 105.7       | 16.57 | 110.2       | 17.29 | 113.1       | 17.89 | 122.9       | 19.96 |
|        | 29                               | 71.50                        | 13.06 | 89.50       | 15.97 | 110.2       | 19.63 | 114.1       | 20.36 | 118.3       | 21.22 | 125.6       | 22.65 | 145.6       | 27.55 |
|        | 31                               | 81.00                        | 16.70 | 98.60       | 19.57 | 119.0       | 23.74 | 122.8       | 24.54 | 133.4       | 26.99 | 148.5       | 30.74 | 168.0       | 37.01 |
|        | 33                               | 90.70                        | 20.47 | 107.8       | 23.74 | 128.1       | 28.66 | 141.0       | 32.10 | 156.8       | 36.72 | 171.5       | 41.36 | 190.5       | 49.29 |
|        | 35                               | 100.6                        | 25.12 | 117.3       | 28.88 | 150.1       | 38.74 | 164.5       | 43.56 | 180.2       | 49.47 | 194.3       | 55.09 | 212.8       | 65.00 |
|        | 37                               | 100.6                        | 26.77 | 117.3       | 30.83 | 150.1       | 41.34 | 164.5       | 46.52 | 180.2       | 52.77 | 194.3       | 58.81 | 212.8       | 69.35 |
|        | 39                               | 100.6                        | 28.55 | 117.3       | 32.88 | 150.1       | 44.04 | 164.5       | 49.32 | 180.2       | 55.36 | 194.3       | 60.51 | 212.8       | 70.91 |
|        | 41                               | 100.6                        | 30.48 | 117.3       | 35.10 | 150.1       | 46.49 | 164.5       | 51.17 | 180.2       | 56.35 | 194.3       | 62.07 | 212.8       | 73.25 |
|        | 43                               | 100.6                        | 32.55 | 117.3       | 37.39 | 150.1       | 47.94 | 164.5       | 52.39 | 180.0       | 58.97 | 194.3       | 65.89 | 204.5       | 73.11 |
|        | 46                               | 100.6                        | 35.93 | 117.3       | 40.44 | 149.9       | 51.00 | 164.4       | 57.47 | 180.3       | 65.44 | 181.8       | 66.22 | 179.1       | 67.00 |
|        | 48                               | 100.6                        | 38.35 | 117.3       | 42.84 | 150.1       | 55.87 | 164.3       | 63.04 | 165.7       | 63.79 | 165.6       | 63.70 | 163.5       | 64.49 |
|        | 50                               | 100.6                        | 40.97 | 117.3       | 45.10 | 149.8       | 60.36 | 150.6       | 60.79 | 150.4       | 60.73 | 150.6       | 60.78 | 148.4       | 61.36 |
|        | 52                               | 100.6                        | 42.07 | 117.2       | 48.06 | 131.1       | 54.95 | 131.7       | 54.31 | 132.2       | 53.61 | 132.7       | 52.98 | 132.6       | 53.07 |
| 90     | 10                               | 29.00                        | 1.93  | 46.20       | 3.08  | 65.60       | 4.39  | 70.20       | 4.71  | 74.90       | 5.03  | 79.80       | 5.36  | 84.70       | 5.77  |
|        | 12                               | 29.00                        | 1.87  | 46.20       | 3.08  | 65.60       | 4.41  | 70.20       | 4.73  | 74.90       | 5.04  | 79.80       | 5.39  | 84.70       | 5.81  |
|        | 14                               | 29.00                        | 1.76  | 46.20       | 2.95  | 65.60       | 4.31  | 70.20       | 4.72  | 74.90       | 5.06  | 79.80       | 5.43  | 84.70       | 5.85  |
|        | 16                               | 29.00                        | 1.69  | 46.20       | 2.80  | 65.60       | 4.31  | 70.20       | 4.71  | 74.90       | 5.12  | 79.80       | 5.51  | 84.70       | 5.96  |
|        | 18                               | 29.00                        | 1.60  | 46.20       | 2.84  | 65.60       | 4.40  | 70.20       | 4.82  | 74.90       | 5.23  | 79.80       | 5.68  | 84.70       | 6.18  |
|        | 20                               | 29.00                        | 1.65  | 46.20       | 2.95  | 65.60       | 4.70  | 70.20       | 5.18  | 74.90       | 5.63  | 79.80       | 6.14  | 84.70       | 6.94  |
|        | 21                               | 32.60                        | 1.97  | 49.90       | 3.48  | 69.30       | 5.72  | 73.70       | 6.35  | 78.10       | 7.04  | 82.90       | 7.73  | 87.50       | 9.27  |
|        | 23                               | 40.30                        | 6.07  | 57.30       | 7.68  | 76.30       | 9.64  | 80.70       | 10.13 | 85.10       | 10.55 | 88.90       | 10.91 | 93.20       | 11.53 |
|        | 25                               | 48.30                        | 7.36  | 64.80       | 9.28  | 83.70       | 11.62 | 87.80       | 12.22 | 92.10       | 12.78 | 95.20       | 13.21 | 99.10       | 13.89 |
|        | 27                               | 56.40                        | 9.11  | 72.50       | 11.45 | 91.40       | 14.38 | 95.10       | 14.95 | 99.10       | 15.53 | 101.8       | 15.94 | 110.7       | 17.77 |
|        | 29                               | 64.50                        | 11.63 | 80.50       | 14.51 | 99.10       | 17.67 | 102.6       | 18.31 | 106.5       | 18.99 | 113.1       | 20.18 | 130.9       | 24.27 |
|        | 31                               | 73.10                        | 15.19 | 88.60       | 17.71 | 107.1       | 21.23 | 110.5       | 21.92 | 120.1       | 23.95 | 133.7       | 27.01 | 151.2       | 32.27 |
|        | 33                               | 81.60                        | 18.60 | 96.90       | 21.37 | 115.2       | 25.48 | 126.7       | 28.35 | 141.1       | 32.18 | 154.3       | 35.99 | 171.3       | 42.49 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 90.70                        | 22.62 | 105.7       | 25.78 | 135.1       | 34.00 | 147.9       | 38.02 | 162.1       | 42.81 | 174.9       | 47.42 | 191.4       | 55.56 |
|        | 37                              | 90.70                        | 24.09 | 105.7       | 27.50 | 135.1       | 36.27 | 147.9       | 40.55 | 162.1       | 45.69 | 174.9       | 50.61 | 191.4       | 59.33 |
|        | 39                              | 90.70                        | 25.71 | 105.7       | 29.34 | 135.1       | 38.73 | 147.9       | 43.29 | 162.1       | 48.46 | 174.9       | 53.63 | 191.4       | 62.23 |
|        | 41                              | 90.70                        | 27.42 | 105.7       | 31.32 | 135.1       | 41.23 | 147.9       | 45.77 | 162.1       | 50.76 | 174.9       | 55.00 | 191.4       | 63.43 |
|        | 43                              | 90.70                        | 29.30 | 105.7       | 33.46 | 135.1       | 43.68 | 147.9       | 47.58 | 162.1       | 52.19 | 175.0       | 56.48 | 191.4       | 66.46 |
|        | 46                              | 90.70                        | 32.35 | 105.7       | 36.80 | 135.1       | 46.24 | 147.7       | 50.04 | 162.3       | 56.43 | 174.8       | 62.69 | 179.3       | 67.01 |
|        | 48                              | 90.70                        | 34.54 | 105.7       | 39.24 | 135.1       | 49.02 | 147.7       | 54.80 | 162.1       | 61.91 | 165.7       | 63.82 | 163.8       | 64.61 |
|        | 50                              | 90.70                        | 36.92 | 105.7       | 41.32 | 135.2       | 52.99 | 147.8       | 59.31 | 150.4       | 60.74 | 150.6       | 60.76 | 148.8       | 61.47 |
|        | 52                              | 90.70                        | 39.17 | 105.7       | 42.25 | 130.8       | 55.37 | 131.3       | 54.96 | 131.9       | 54.23 | 132.2       | 53.57 | 132.3       | 53.73 |
| 80     | 10                              | 25.60                        | 1.72  | 41.30       | 2.74  | 58.40       | 3.89  | 62.30       | 4.18  | 66.50       | 4.45  | 70.80       | 4.75  | 75.30       | 5.11  |
|        | 12                              | 25.60                        | 1.59  | 41.30       | 2.73  | 58.40       | 3.90  | 62.30       | 4.20  | 66.50       | 4.47  | 70.80       | 4.77  | 75.30       | 5.13  |
|        | 14                              | 25.60                        | 1.53  | 41.30       | 2.58  | 58.40       | 3.79  | 62.30       | 4.08  | 66.50       | 4.39  | 70.80       | 4.76  | 75.30       | 5.14  |
|        | 16                              | 25.60                        | 1.46  | 41.30       | 2.44  | 58.40       | 3.67  | 62.30       | 4.04  | 66.50       | 4.41  | 70.80       | 4.78  | 75.30       | 5.21  |
|        | 18                              | 25.60                        | 1.40  | 41.30       | 2.41  | 58.40       | 3.75  | 62.30       | 4.12  | 66.50       | 4.50  | 70.80       | 4.88  | 75.30       | 5.37  |
|        | 20                              | 25.60                        | 1.38  | 41.30       | 2.49  | 58.40       | 3.95  | 62.30       | 4.36  | 66.50       | 4.79  | 70.80       | 5.22  | 75.30       | 5.88  |
|        | 21                              | 29.10                        | 1.65  | 44.40       | 2.87  | 61.50       | 4.72  | 65.40       | 5.23  | 69.60       | 5.80  | 73.50       | 6.37  | 77.90       | 7.56  |
|        | 23                              | 36.40                        | 5.59  | 51.00       | 6.97  | 67.80       | 8.69  | 71.70       | 9.20  | 75.50       | 9.61  | 79.10       | 9.96  | 82.90       | 10.54 |
|        | 25                              | 42.70                        | 6.63  | 57.70       | 8.31  | 74.40       | 10.45 | 78.10       | 10.92 | 81.80       | 11.45 | 84.70       | 11.88 | 88.20       | 12.52 |
|        | 27                              | 49.90                        | 8.17  | 64.50       | 10.18 | 81.20       | 12.82 | 84.60       | 13.36 | 88.10       | 13.91 | 90.40       | 14.25 | 98.40       | 15.77 |
|        | 29                              | 57.30                        | 10.31 | 71.70       | 12.82 | 88.10       | 15.73 | 91.40       | 16.29 | 94.70       | 16.87 | 100.4       | 17.91 | 116.6       | 21.29 |
|        | 31                              | 64.80                        | 13.40 | 78.80       | 15.94 | 95.10       | 18.90 | 98.00       | 19.46 | 106.7       | 21.12 | 118.8       | 23.70 | 134.4       | 27.93 |
|        | 33                              | 72.40                        | 16.74 | 86.40       | 19.13 | 102.4       | 22.52 | 112.7       | 24.88 | 125.3       | 28.01 | 137.0       | 31.09 | 152.5       | 36.34 |
|        | 35                              | 80.50                        | 20.29 | 93.90       | 22.90 | 120.0       | 29.64 | 131.6       | 32.90 | 144.1       | 36.82 | 155.5       | 40.52 | 170.4       | 47.04 |
|        | 37                              | 80.50                        | 21.58 | 93.90       | 24.40 | 120.0       | 31.63 | 131.6       | 35.13 | 144.1       | 39.28 | 155.5       | 43.22 | 170.4       | 50.20 |
|        | 39                              | 80.50                        | 23.01 | 93.90       | 26.02 | 120.0       | 33.75 | 131.6       | 37.49 | 144.1       | 41.91 | 155.5       | 46.13 | 170.4       | 53.26 |
|        | 41                              | 80.50                        | 24.56 | 93.90       | 27.78 | 120.0       | 36.03 | 131.6       | 40.01 | 144.1       | 44.49 | 155.5       | 48.68 | 170.4       | 55.96 |
|        | 43                              | 80.50                        | 26.22 | 93.90       | 29.67 | 120.0       | 38.46 | 131.6       | 42.40 | 144.1       | 46.74 | 155.5       | 50.29 | 170.4       | 57.58 |
|        | 46                              | 80.50                        | 28.95 | 93.90       | 32.76 | 120.0       | 41.73 | 131.6       | 45.39 | 144.1       | 49.24 | 155.4       | 53.38 | 170.2       | 62.18 |
|        | 48                              | 80.50                        | 30.96 | 93.90       | 35.01 | 120.0       | 44.19 | 131.6       | 48.02 | 144.2       | 53.08 | 155.3       | 58.47 | 163.7       | 64.60 |
|        | 50                              | 80.50                        | 33.11 | 93.90       | 37.40 | 120.0       | 46.33 | 131.4       | 51.30 | 144.1       | 57.40 | 150.7       | 60.79 | 148.5       | 61.42 |
|        | 52                              | 80.50                        | 35.39 | 93.90       | 38.38 | 120.1       | 49.34 | 130.1       | 54.80 | 131.3       | 55.06 | 131.6       | 54.39 | 131.7       | 54.53 |
| 70     | 10                              | 22.40                        | 1.51  | 36.10       | 2.38  | 51.00       | 3.40  | 54.70       | 3.65  | 58.20       | 3.89  | 61.90       | 4.14  | 65.80       | 4.45  |
|        | 12                              | 22.40                        | 1.35  | 36.10       | 2.29  | 51.00       | 3.40  | 54.70       | 3.65  | 58.20       | 3.90  | 61.90       | 4.16  | 65.80       | 4.48  |
|        | 14                              | 22.40                        | 1.31  | 36.10       | 2.21  | 51.00       | 3.23  | 54.70       | 3.50  | 58.20       | 3.78  | 61.90       | 4.05  | 65.80       | 4.40  |
|        | 16                              | 22.40                        | 1.25  | 36.10       | 2.08  | 51.00       | 3.10  | 54.70       | 3.38  | 58.20       | 3.69  | 61.90       | 4.00  | 65.80       | 4.38  |
|        | 18                              | 22.40                        | 1.20  | 36.10       | 2.02  | 51.00       | 3.10  | 54.70       | 3.42  | 58.20       | 3.75  | 61.90       | 4.09  | 65.80       | 4.51  |
|        | 20                              | 22.40                        | 1.17  | 36.10       | 2.05  | 51.00       | 3.24  | 54.70       | 3.60  | 58.20       | 3.95  | 61.90       | 4.32  | 65.80       | 4.86  |
|        | 21                              | 25.40                        | 1.34  | 38.80       | 2.34  | 53.80       | 3.76  | 57.30       | 4.21  | 60.80       | 4.65  | 64.30       | 5.11  | 68.00       | 5.97  |
|        | 23                              | 31.50                        | 4.61  | 44.50       | 6.25  | 59.50       | 7.73  | 62.60       | 8.18  | 66.10       | 8.58  | 69.30       | 8.93  | 72.40       | 9.47  |
|        | 25                              | 37.40                        | 5.95  | 50.40       | 7.42  | 65.10       | 9.23  | 68.30       | 9.71  | 71.50       | 10.15 | 74.20       | 10.53 | 77.00       | 11.10 |
|        | 27                              | 43.70                        | 7.20  | 56.40       | 8.97  | 71.00       | 11.14 | 74.10       | 11.71 | 77.00       | 12.31 | 79.20       | 12.65 | 86.10       | 13.92 |
|        | 29                              | 50.30                        | 8.98  | 62.60       | 11.15 | 77.00       | 13.88 | 79.90       | 14.39 | 82.90       | 14.88 | 87.90       | 15.70 | 101.9       | 18.58 |
|        | 31                              | 56.70                        | 11.55 | 69.00       | 14.18 | 83.20       | 16.76 | 85.80       | 17.24 | 93.20       | 18.55 | 103.9       | 20.63 | 117.6       | 24.01 |
|        | 33                              | 63.60                        | 14.76 | 75.30       | 16.97 | 89.50       | 19.79 | 98.70       | 21.68 | 109.6       | 24.19 | 120.0       | 26.63 | 133.4       | 30.82 |
|        | 35                              | 70.60                        | 18.01 | 82.00       | 20.21 | 105.0       | 25.65 | 115.1       | 28.25 | 126.0       | 31.35 | 135.9       | 34.27 | 148.9       | 39.43 |
|        | 37                              | 70.60                        | 19.15 | 82.00       | 21.51 | 105.0       | 27.33 | 115.1       | 30.14 | 126.0       | 33.46 | 135.9       | 36.56 | 148.9       | 42.06 |
|        | 39                              | 70.60                        | 20.39 | 82.00       | 22.94 | 105.0       | 29.19 | 115.1       | 32.17 | 126.0       | 35.70 | 135.9       | 39.02 | 148.9       | 44.87 |
|        | 41                              | 70.60                        | 21.76 | 82.00       | 24.49 | 105.0       | 31.14 | 115.1       | 34.35 | 126.0       | 38.11 | 135.9       | 41.66 | 148.9       | 47.73 |
|        | 43                              | 70.60                        | 23.27 | 82.00       | 26.16 | 105.0       | 33.26 | 115.1       | 36.66 | 126.0       | 40.56 | 135.9       | 44.14 | 148.9       | 50.55 |
|        | 46                              | 70.60                        | 25.72 | 82.00       | 28.88 | 105.0       | 36.72 | 115.1       | 40.28 | 126.0       | 43.93 | 135.9       | 47.18 | 148.9       | 53.47 |
|        | 48                              | 70.60                        | 27.53 | 82.00       | 30.88 | 105.0       | 39.13 | 115.1       | 42.91 | 126.0       | 46.51 | 135.9       | 49.90 | 149.0       | 56.88 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 70.60                        | 29.50 | 82.00       | 33.03 | 105.0       | 41.65 | 115.1       | 44.98 | 126.1       | 48.89 | 136.1       | 53.44 | 148.3       | 61.29 |
|        | 52                              | 70.60                        | 31.56 | 82.00       | 35.06 | 105.0       | 42.45 | 115.1       | 46.59 | 126.1       | 52.56 | 131.2       | 55.27 | 130.9       | 55.63 |
| 60     | 10                              | 19.30                        | 1.31  | 30.80       | 2.04  | 43.80       | 2.91  | 46.80       | 3.12  | 50.00       | 3.33  | 53.20       | 3.54  | 56.40       | 3.82  |
|        | 12                              | 19.30                        | 1.15  | 30.80       | 1.87  | 43.80       | 2.82  | 46.80       | 3.10  | 50.00       | 3.33  | 53.20       | 3.54  | 56.40       | 3.82  |
|        | 14                              | 19.30                        | 1.11  | 30.80       | 1.81  | 43.80       | 2.71  | 46.80       | 2.94  | 50.00       | 3.18  | 53.20       | 3.40  | 56.40       | 3.67  |
|        | 16                              | 19.30                        | 1.08  | 30.80       | 1.73  | 43.80       | 2.58  | 46.80       | 2.78  | 50.00       | 3.03  | 53.20       | 3.25  | 56.40       | 3.57  |
|        | 18                              | 19.30                        | 1.04  | 30.80       | 1.66  | 43.80       | 2.50  | 46.80       | 2.76  | 50.00       | 3.02  | 53.20       | 3.32  | 56.40       | 3.62  |
|        | 20                              | 19.30                        | 0.98  | 30.80       | 1.65  | 43.80       | 2.58  | 46.80       | 2.86  | 50.00       | 3.17  | 53.20       | 3.47  | 56.40       | 3.88  |
|        | 21                              | 21.70                        | 1.10  | 33.20       | 1.84  | 46.20       | 2.95  | 49.00       | 3.25  | 52.10       | 3.63  | 55.30       | 3.97  | 58.40       | 4.60  |
|        | 23                              | 26.90                        | 3.08  | 38.20       | 4.97  | 51.00       | 6.78  | 53.80       | 7.17  | 56.70       | 7.55  | 59.20       | 7.84  | 62.20       | 8.33  |
|        | 25                              | 34.00                        | 5.49  | 43.30       | 6.48  | 56.00       | 7.97  | 58.50       | 8.40  | 61.30       | 8.82  | 63.60       | 9.20  | 66.10       | 9.68  |
|        | 27                              | 37.50                        | 6.33  | 48.30       | 7.72  | 60.90       | 9.54  | 63.40       | 10.05 | 66.10       | 10.52 | 67.90       | 10.90 | 73.80       | 11.97 |
|        | 29                              | 43.10                        | 7.77  | 53.60       | 9.48  | 66.10       | 11.72 | 68.60       | 12.32 | 71.10       | 12.94 | 75.30       | 13.71 | 87.30       | 15.96 |
|        | 31                              | 48.60                        | 9.83  | 59.10       | 12.03 | 71.40       | 14.65 | 73.50       | 15.06 | 80.10       | 16.17 | 89.20       | 17.82 | 100.8       | 20.46 |
|        | 33                              | 54.50                        | 12.71 | 64.70       | 14.86 | 77.00       | 17.22 | 84.60       | 18.77 | 94.10       | 20.75 | 102.9       | 22.62 | 114.3       | 25.86 |
|        | 35                              | 60.50                        | 15.63 | 70.40       | 17.61 | 90.00       | 22.00 | 98.60       | 24.03 | 108.2       | 26.42 | 116.5       | 28.67 | 127.7       | 32.63 |
|        | 37                              | 60.50                        | 16.58 | 70.40       | 18.70 | 90.00       | 23.43 | 98.60       | 25.62 | 108.2       | 28.18 | 116.5       | 30.58 | 127.7       | 34.80 |
|        | 39                              | 60.50                        | 17.77 | 70.40       | 19.95 | 90.00       | 25.01 | 98.60       | 27.32 | 108.2       | 30.07 | 116.5       | 32.65 | 127.7       | 37.15 |
|        | 41                              | 60.50                        | 18.93 | 70.40       | 21.26 | 90.00       | 26.68 | 98.60       | 29.18 | 108.2       | 32.10 | 116.5       | 34.85 | 127.7       | 39.64 |
|        | 43                              | 60.50                        | 20.21 | 70.40       | 22.73 | 90.00       | 28.49 | 98.60       | 31.17 | 108.2       | 34.27 | 116.5       | 37.20 | 127.7       | 42.32 |
|        | 46                              | 60.50                        | 22.34 | 70.40       | 25.17 | 90.00       | 31.48 | 98.60       | 34.40 | 108.2       | 37.82 | 116.5       | 40.90 | 127.7       | 46.39 |
|        | 48                              | 60.50                        | 23.92 | 70.40       | 26.96 | 90.00       | 33.65 | 98.60       | 36.76 | 108.2       | 40.29 | 116.5       | 43.55 | 127.7       | 48.96 |
|        | 50                              | 60.50                        | 25.68 | 70.40       | 28.89 | 90.00       | 35.94 | 98.60       | 39.24 | 108.2       | 42.90 | 116.5       | 45.79 | 127.7       | 51.50 |
|        | 52                              | 60.50                        | 27.59 | 70.40       | 30.94 | 90.00       | 38.09 | 98.60       | 40.30 | 108.2       | 43.74 | 116.5       | 47.20 | 127.7       | 54.34 |
| 50     | 10                              | 16.10                        | 1.30  | 25.60       | 1.71  | 36.40       | 2.42  | 38.90       | 2.57  | 41.60       | 2.75  | 44.40       | 2.95  | 47.20       | 3.16  |
|        | 12                              | 16.10                        | 1.13  | 25.60       | 1.52  | 36.40       | 2.22  | 38.90       | 2.46  | 41.60       | 2.67  | 44.40       | 2.89  | 47.20       | 3.14  |
|        | 14                              | 16.10                        | 1.06  | 25.60       | 1.46  | 36.40       | 2.14  | 38.90       | 2.36  | 41.60       | 2.53  | 44.40       | 2.74  | 47.20       | 3.00  |
|        | 16                              | 16.10                        | 1.02  | 25.60       | 1.42  | 36.40       | 2.07  | 38.90       | 2.23  | 41.60       | 2.42  | 44.40       | 2.62  | 47.20       | 2.84  |
|        | 18                              | 16.10                        | 0.97  | 25.60       | 1.36  | 36.40       | 1.98  | 38.90       | 2.15  | 41.60       | 2.34  | 44.40       | 2.56  | 47.20       | 2.80  |
|        | 20                              | 16.10                        | 0.93  | 25.60       | 1.32  | 36.40       | 1.97  | 38.90       | 2.17  | 41.60       | 2.42  | 44.40       | 2.65  | 47.20       | 2.95  |
|        | 21                              | 18.20                        | 0.94  | 27.60       | 1.43  | 38.50       | 2.20  | 40.90       | 2.44  | 43.40       | 2.70  | 46.10       | 2.96  | 48.60       | 3.35  |
|        | 23                              | 22.30                        | 2.04  | 31.80       | 3.16  | 42.40       | 5.79  | 44.80       | 6.13  | 47.20       | 6.46  | 49.40       | 6.78  | 51.80       | 7.13  |
|        | 25                              | 32.10                        | 5.27  | 36.40       | 5.65  | 46.60       | 6.77  | 48.80       | 7.11  | 51.00       | 7.47  | 52.90       | 7.78  | 55.00       | 8.22  |
|        | 27                              | 32.40                        | 5.75  | 40.30       | 6.59  | 50.80       | 7.99  | 52.90       | 8.41  | 55.00       | 8.84  | 56.60       | 9.17  | 61.50       | 10.00 |
|        | 29                              | 35.70                        | 6.74  | 44.70       | 8.00  | 55.00       | 9.71  | 57.10       | 10.16 | 59.10       | 10.68 | 62.90       | 11.42 | 72.80       | 13.23 |
|        | 31                              | 40.60                        | 8.32  | 49.10       | 9.89  | 59.50       | 12.09 | 61.30       | 12.71 | 66.50       | 13.78 | 74.20       | 15.17 | 84.00       | 17.21 |
|        | 33                              | 45.20                        | 10.65 | 53.80       | 12.59 | 64.10       | 14.64 | 70.40       | 15.98 | 78.30       | 17.50 | 85.70       | 18.96 | 95.20       | 21.44 |
|        | 35                              | 50.30                        | 13.45 | 58.50       | 14.91 | 75.20       | 18.63 | 82.20       | 20.22 | 90.00       | 22.00 | 97.20       | 23.66 | 106.4       | 26.61 |
|        | 37                              | 50.30                        | 14.35 | 58.50       | 15.96 | 75.20       | 19.81 | 82.20       | 21.52 | 90.00       | 23.45 | 97.20       | 25.24 | 106.4       | 28.39 |
|        | 39                              | 50.30                        | 15.23 | 58.50       | 16.97 | 75.20       | 21.12 | 82.20       | 22.94 | 90.00       | 25.01 | 97.20       | 26.94 | 106.4       | 30.29 |
|        | 41                              | 50.30                        | 16.19 | 58.50       | 18.05 | 75.20       | 22.55 | 82.20       | 24.49 | 90.00       | 26.68 | 97.20       | 28.74 | 106.4       | 32.32 |
|        | 43                              | 50.30                        | 17.20 | 58.50       | 19.25 | 75.20       | 24.10 | 82.20       | 26.16 | 90.00       | 28.52 | 97.20       | 30.70 | 106.4       | 34.51 |
|        | 46                              | 50.30                        | 18.95 | 58.50       | 21.29 | 75.20       | 26.66 | 82.20       | 28.90 | 90.00       | 31.50 | 97.20       | 33.87 | 106.4       | 38.05 |
|        | 48                              | 50.30                        | 20.25 | 58.50       | 22.78 | 75.20       | 28.52 | 82.20       | 30.90 | 90.00       | 33.64 | 97.20       | 36.20 | 106.4       | 40.65 |
|        | 50                              | 50.30                        | 21.70 | 58.50       | 24.43 | 75.20       | 30.53 | 82.20       | 33.03 | 90.00       | 35.96 | 97.20       | 38.66 | 106.4       | 43.39 |
|        | 52                              | 50.30                        | 23.27 | 58.50       | 26.23 | 75.20       | 32.65 | 82.20       | 35.12 | 90.00       | 38.15 | 97.20       | 39.90 | 106.4       | 44.53 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM720LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 42.80                        | 2.93  | 68.80       | 4.68  | 97.50       | 6.69  | 104.4       | 7.21  | 111.2       | 7.72  | 118.4       | 8.28  | 126.0       | 8.97  |
|        | 12                         | 42.80                        | 2.93  | 68.80       | 4.71  | 97.50       | 6.73  | 104.4       | 7.26  | 111.2       | 7.80  | 118.4       | 8.35  | 126.0       | 9.11  |
|        | 14                         | 42.80                        | 2.83  | 68.80       | 4.72  | 97.50       | 6.80  | 104.4       | 7.37  | 111.2       | 7.78  | 118.4       | 8.46  | 126.0       | 9.32  |
|        | 16                         | 42.80                        | 2.80  | 68.80       | 4.78  | 97.50       | 7.00  | 104.4       | 7.50  | 111.2       | 8.03  | 118.4       | 8.75  | 126.0       | 9.77  |
|        | 18                         | 42.80                        | 2.83  | 68.80       | 4.85  | 97.50       | 7.27  | 104.4       | 7.90  | 111.2       | 8.56  | 118.4       | 9.39  | 126.0       | 10.73 |
|        | 20                         | 42.80                        | 2.93  | 68.80       | 5.16  | 97.50       | 8.15  | 104.4       | 8.92  | 111.2       | 9.95  | 118.4       | 11.25 | 126.0       | 13.12 |
|        | 21                         | 48.60                        | 3.68  | 74.20       | 6.52  | 102.6       | 10.94 | 109.5       | 11.59 | 116.3       | 12.37 | 122.8       | 13.34 | 130.0       | 14.48 |
|        | 23                         | 59.80                        | 8.35  | 85.00       | 10.70 | 113.4       | 13.64 | 119.9       | 14.38 | 126.4       | 15.65 | 132.1       | 16.45 | 138.6       | 17.78 |
|        | 25                         | 71.60                        | 10.57 | 96.40       | 13.47 | 124.5       | 17.25 | 130.7       | 18.21 | 136.8       | 19.60 | 141.5       | 20.48 | 147.2       | 22.03 |
|        | 27                         | 83.50                        | 13.67 | 108.0       | 17.05 | 135.7       | 22.03 | 141.5       | 23.48 | 147.3       | 24.67 | 151.2       | 25.47 | 164.5       | 29.04 |
|        | 29                         | 95.70                        | 17.62 | 119.5       | 21.60 | 147.2       | 27.48 | 152.6       | 28.73 | 158.1       | 30.09 | 167.8       | 32.49 | 194.4       | 40.93 |
|        | 31                         | 108.3                        | 22.17 | 131.7       | 26.87 | 159.1       | 33.82 | 164.2       | 35.22 | 178.2       | 39.38 | 198.7       | 45.90 | 224.6       | 56.90 |
|        | 33                         | 121.3                        | 27.89 | 144.0       | 33.35 | 171.3       | 41.63 | 188.3       | 47.52 | 209.6       | 55.60 | 229.3       | 63.86 | 254.5       | 77.47 |
|        | 35                         | 134.3                        | 35.07 | 156.9       | 41.39 | 200.8       | 58.28 | 220.0       | 66.86 | 240.9       | 76.97 | 259.6       | 86.21 | 284.4       | 98.28 |
|        | 37                         | 134.3                        | 37.43 | 156.9       | 44.18 | 200.8       | 62.21 | 219.6       | 70.57 | 241.2       | 81.38 | 259.6       | 90.51 | 265.3       | 94.81 |
|        | 39                         | 134.3                        | 39.94 | 156.9       | 46.85 | 200.5       | 62.75 | 219.6       | 71.97 | 240.8       | 83.30 | 248.9       | 87.19 | 246.1       | 87.81 |
|        | 41                         | 134.3                        | 42.62 | 156.9       | 48.54 | 200.8       | 64.43 | 219.6       | 73.95 | 230.3       | 79.70 | 230.3       | 79.70 | 227.5       | 80.62 |
|        | 43                         | 134.3                        | 45.30 | 156.9       | 49.20 | 200.8       | 68.52 | 212.1       | 74.57 | 212.4       | 74.52 | 212.1       | 74.48 | 209.8       | 75.59 |
|        | 46                         | 134.3                        | 48.34 | 156.9       | 53.71 | 186.8       | 68.64 | 186.5       | 68.57 | 186.8       | 68.55 | 186.5       | 68.62 | 184.3       | 69.38 |
|        | 48                         | 134.3                        | 51.03 | 156.9       | 59.12 | 170.6       | 66.32 | 170.9       | 66.48 | 170.5       | 66.21 | 170.3       | 66.20 | 168.5       | 67.08 |
|        | 50                         | 134.7                        | 54.32 | 155.4       | 63.43 | 155.1       | 63.33 | 155.1       | 63.40 | 155.1       | 63.35 | 154.8       | 63.27 | 152.8       | 63.97 |
|        | 52                         | 132.8                        | 58.23 | 134.7       | 56.01 | 136.8       | 53.14 | 137.2       | 52.52 | 137.9       | 51.88 | 138.3       | 51.37 | 138.6       | 51.66 |
| 120    | 10                         | 39.60                        | 2.71  | 63.70       | 4.32  | 90.00       | 6.17  | 96.40       | 6.62  | 102.6       | 7.08  | 109.4       | 7.56  | 116.3       | 8.17  |
|        | 12                         | 39.60                        | 2.71  | 63.70       | 4.32  | 90.00       | 6.21  | 96.40       | 6.66  | 102.6       | 7.14  | 109.4       | 7.65  | 116.3       | 8.27  |
|        | 14                         | 39.60                        | 2.59  | 63.70       | 4.35  | 90.00       | 6.26  | 96.40       | 6.72  | 102.6       | 7.25  | 109.4       | 7.70  | 116.3       | 8.36  |
|        | 16                         | 39.60                        | 2.51  | 63.70       | 4.32  | 90.00       | 6.39  | 96.40       | 6.90  | 102.6       | 7.36  | 109.4       | 7.82  | 116.3       | 8.68  |
|        | 18                         | 39.60                        | 2.54  | 63.70       | 4.42  | 90.00       | 6.66  | 96.40       | 7.16  | 102.6       | 7.69  | 109.4       | 8.32  | 116.3       | 9.36  |
|        | 20                         | 39.60                        | 2.61  | 63.70       | 4.66  | 90.00       | 7.31  | 96.40       | 8.03  | 102.6       | 8.67  | 109.4       | 9.67  | 116.3       | 11.42 |
|        | 21                         | 44.70                        | 3.25  | 68.40       | 5.77  | 95.00       | 9.75  | 101.1       | 10.77 | 107.3       | 11.34 | 113.4       | 12.05 | 120.2       | 13.31 |
|        | 23                         | 55.40                        | 7.88  | 78.50       | 10.04 | 104.7       | 12.66 | 110.5       | 13.33 | 116.6       | 13.97 | 122.0       | 14.91 | 127.8       | 16.20 |
|        | 25                         | 66.20                        | 9.82  | 88.90       | 12.55 | 114.8       | 15.77 | 120.6       | 16.68 | 126.3       | 17.48 | 130.7       | 18.57 | 135.8       | 19.93 |
|        | 27                         | 77.00                        | 12.65 | 99.70       | 15.74 | 125.3       | 20.15 | 130.6       | 21.03 | 136.0       | 22.34 | 139.7       | 23.11 | 151.9       | 26.22 |
|        | 29                         | 88.50                        | 16.30 | 110.5       | 19.89 | 136.0       | 24.98 | 140.8       | 26.05 | 146.1       | 27.23 | 155.1       | 29.32 | 179.7       | 36.57 |
|        | 31                         | 100.1                        | 20.51 | 121.7       | 24.55 | 146.8       | 30.59 | 151.5       | 31.77 | 164.5       | 35.34 | 183.3       | 40.96 | 207.3       | 50.32 |
|        | 33                         | 111.9                        | 25.53 | 133.2       | 30.27 | 158.0       | 37.44 | 173.9       | 42.52 | 193.6       | 49.40 | 211.6       | 56.40 | 235.1       | 68.29 |
|        | 35                         | 124.2                        | 31.90 | 145.1       | 37.38 | 185.4       | 51.87 | 203.0       | 59.18 | 222.4       | 68.08 | 239.7       | 76.42 | 262.8       | 89.14 |
|        | 37                         | 124.2                        | 34.05 | 145.1       | 39.92 | 185.4       | 55.34 | 203.0       | 63.20 | 222.5       | 71.86 | 239.8       | 80.76 | 262.8       | 93.66 |
|        | 39                         | 124.2                        | 36.34 | 145.1       | 42.57 | 185.4       | 56.83 | 202.7       | 63.75 | 222.4       | 73.29 | 239.8       | 82.64 | 246.1       | 87.84 |
|        | 41                         | 124.2                        | 38.77 | 145.1       | 45.00 | 185.4       | 57.22 | 202.7       | 65.50 | 222.5       | 75.36 | 230.1       | 79.70 | 227.5       | 80.65 |
|        | 43                         | 124.2                        | 41.38 | 145.1       | 46.20 | 185.4       | 60.73 | 203.0       | 69.60 | 212.4       | 74.55 | 212.4       | 74.54 | 209.6       | 75.41 |
|        | 46                         | 124.2                        | 45.41 | 144.7       | 48.48 | 185.4       | 67.78 | 186.8       | 68.63 | 186.5       | 68.55 | 186.5       | 68.57 | 184.7       | 69.48 |
|        | 48                         | 124.2                        | 47.76 | 145.0       | 53.36 | 171.0       | 66.42 | 170.6       | 66.33 | 170.3       | 66.32 | 170.3       | 66.20 | 168.4       | 67.17 |
|        | 50                         | 124.2                        | 50.01 | 145.0       | 57.91 | 155.2       | 63.36 | 155.2       | 63.36 | 155.2       | 63.41 | 154.8       | 63.30 | 153.3       | 64.10 |
|        | 52                         | 124.2                        | 52.83 | 133.9       | 57.21 | 136.1       | 54.27 | 136.4       | 53.71 | 136.9       | 53.11 | 137.2       | 52.64 | 137.5       | 53.09 |
| 110    | 10                         | 36.30                        | 2.46  | 58.30       | 3.95  | 82.40       | 5.63  | 88.20       | 6.06  | 94.00       | 6.47  | 100.1       | 6.91  | 106.5       | 7.43  |
|        | 12                         | 36.30                        | 2.46  | 58.30       | 3.95  | 82.40       | 5.67  | 88.20       | 6.10  | 94.00       | 6.48  | 100.1       | 6.96  | 106.5       | 7.51  |
|        | 14                         | 36.30                        | 2.35  | 58.30       | 3.89  | 82.40       | 5.73  | 88.20       | 6.12  | 94.00       | 6.54  | 100.1       | 7.03  | 106.5       | 7.64  |
|        | 16                         | 36.30                        | 2.25  | 58.30       | 3.89  | 82.40       | 5.82  | 88.20       | 6.25  | 94.00       | 6.71  | 100.1       | 7.15  | 106.5       | 7.80  |
|        | 18                         | 36.30                        | 2.25  | 58.30       | 3.95  | 82.40       | 6.03  | 88.20       | 6.52  | 94.00       | 6.94  | 100.1       | 7.51  | 106.5       | 8.27  |
|        | 20                         | 36.30                        | 2.32  | 58.30       | 4.13  | 82.40       | 6.53  | 88.20       | 7.14  | 94.00       | 7.74  | 100.1       | 8.42  | 106.5       | 9.68  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 41.00                        | 2.83  | 62.70       | 5.05  | 87.10       | 8.43  | 92.50       | 9.39  | 98.30       | 10.31 | 104.0       | 11.06 | 110.1       | 11.88 |
|        | 23                               | 50.70                        | 7.30  | 72.00       | 9.40  | 96.10       | 11.76 | 101.5       | 12.27 | 106.9       | 12.86 | 111.6       | 13.42 | 117.0       | 14.37 |
|        | 25                               | 60.50                        | 9.12  | 81.40       | 11.49 | 105.4       | 14.46 | 110.5       | 15.15 | 115.6       | 15.92 | 119.8       | 16.52 | 124.5       | 17.74 |
|        | 27                               | 70.60                        | 11.53 | 91.10       | 14.51 | 114.8       | 18.21 | 119.5       | 18.92 | 124.6       | 19.90 | 127.8       | 20.46 | 139.0       | 23.59 |
|        | 29                               | 81.00                        | 15.02 | 101.2       | 18.20 | 124.6       | 22.57 | 129.2       | 23.55 | 133.9       | 24.58 | 141.9       | 26.34 | 164.5       | 32.52 |
|        | 31                               | 91.80                        | 18.86 | 111.3       | 22.31 | 134.6       | 27.54 | 138.9       | 28.56 | 150.8       | 31.62 | 168.1       | 36.36 | 190.1       | 44.31 |
|        | 33                               | 102.6                        | 23.33 | 122.0       | 27.37 | 144.7       | 33.51 | 159.4       | 37.85 | 177.5       | 43.70 | 193.7       | 49.58 | 215.3       | 59.70 |
|        | 35                               | 113.8                        | 28.90 | 132.8       | 33.63 | 169.9       | 45.98 | 186.0       | 52.13 | 203.8       | 59.62 | 219.6       | 66.92 | 240.5       | 79.23 |
|        | 37                               | 113.8                        | 30.85 | 132.8       | 35.88 | 169.9       | 49.08 | 186.0       | 55.64 | 203.8       | 63.68 | 219.6       | 71.42 | 240.9       | 83.86 |
|        | 39                               | 113.8                        | 32.92 | 132.8       | 38.31 | 169.9       | 52.01 | 186.0       | 57.53 | 203.8       | 64.33 | 219.7       | 72.01 | 240.8       | 85.46 |
|        | 41                               | 113.8                        | 35.13 | 132.8       | 40.80 | 169.9       | 52.99 | 186.0       | 57.59 | 204.1       | 66.02 | 219.6       | 73.98 | 227.4       | 80.68 |
|        | 43                               | 113.8                        | 37.52 | 132.8       | 43.24 | 169.9       | 53.74 | 185.8       | 61.03 | 204.1       | 70.13 | 212.0       | 74.58 | 209.9       | 75.50 |
|        | 46                               | 113.8                        | 41.40 | 132.8       | 45.14 | 169.6       | 59.79 | 185.8       | 68.11 | 186.8       | 68.66 | 186.5       | 68.57 | 184.3       | 69.49 |
|        | 48                               | 113.8                        | 44.06 | 132.8       | 48.00 | 169.9       | 65.85 | 170.3       | 66.24 | 170.9       | 66.37 | 170.4       | 66.28 | 168.2       | 67.09 |
|        | 50                               | 113.8                        | 46.48 | 132.6       | 52.09 | 155.2       | 63.46 | 155.1       | 63.43 | 155.1       | 63.39 | 155.1       | 63.32 | 153.3       | 64.09 |
| 100    | 52                               | 114.1                        | 47.17 | 132.5       | 57.36 | 135.0       | 55.72 | 135.4       | 55.14 | 135.8       | 54.54 | 135.3       | 53.98 | 136.9       | 53.97 |
|        | 10                               | 33.10                        | 2.24  | 52.90       | 3.59  | 74.90       | 5.12  | 80.30       | 5.49  | 85.70       | 5.85  | 91.10       | 6.25  | 96.80       | 6.71  |
|        | 12                               | 33.10                        | 2.24  | 52.90       | 3.59  | 74.90       | 5.12  | 80.30       | 5.52  | 85.70       | 5.89  | 91.10       | 6.29  | 96.80       | 6.76  |
|        | 14                               | 33.10                        | 2.13  | 52.90       | 3.48  | 74.90       | 5.16  | 80.30       | 5.56  | 85.70       | 5.95  | 91.10       | 6.33  | 96.80       | 6.83  |
|        | 16                               | 33.10                        | 1.98  | 52.90       | 3.42  | 74.90       | 5.19  | 80.30       | 5.65  | 85.70       | 6.04  | 91.10       | 6.46  | 96.80       | 7.04  |
|        | 18                               | 33.10                        | 1.96  | 52.90       | 3.49  | 74.90       | 5.32  | 80.30       | 5.79  | 85.70       | 6.28  | 91.10       | 6.71  | 96.80       | 7.38  |
|        | 20                               | 33.10                        | 2.03  | 52.90       | 3.62  | 74.90       | 5.74  | 80.30       | 6.28  | 85.70       | 6.82  | 91.10       | 7.41  | 96.80       | 8.46  |
|        | 21                               | 37.40                        | 2.46  | 57.20       | 4.34  | 79.20       | 7.20  | 84.20       | 8.03  | 89.30       | 8.83  | 94.70       | 9.68  | 100.1       | 10.93 |
|        | 23                               | 46.10                        | 6.79  | 65.50       | 8.64  | 87.50       | 10.88 | 92.20       | 11.39 | 97.20       | 11.84 | 101.5       | 12.29 | 106.6       | 13.12 |
|        | 25                               | 55.10                        | 8.33  | 74.20       | 10.58 | 95.80       | 13.38 | 100.4       | 13.96 | 105.1       | 14.43 | 109.1       | 14.93 | 113.1       | 15.92 |
|        | 27                               | 64.10                        | 10.48 | 83.10       | 13.30 | 104.4       | 16.47 | 108.7       | 17.20 | 113.4       | 17.96 | 116.3       | 18.60 | 126.4       | 20.71 |
|        | 29                               | 73.50                        | 13.60 | 92.10       | 16.55 | 113.4       | 20.39 | 117.4       | 21.16 | 121.7       | 22.07 | 129.2       | 23.58 | 149.8       | 28.77 |
|        | 31                               | 83.20                        | 17.29 | 101.5       | 20.30 | 122.4       | 24.71 | 126.3       | 25.55 | 137.2       | 28.16 | 152.7       | 32.13 | 172.8       | 38.76 |
|        | 33                               | 93.30                        | 21.23 | 110.9       | 24.69 | 131.8       | 29.90 | 145.1       | 33.54 | 161.3       | 38.43 | 176.4       | 43.36 | 195.9       | 51.76 |
|        | 35                               | 103.4                        | 26.13 | 120.6       | 30.10 | 154.4       | 40.54 | 169.2       | 45.64 | 185.4       | 51.91 | 199.8       | 57.88 | 218.9       | 68.43 |
| 90     | 37                               | 103.4                        | 27.85 | 120.6       | 32.14 | 154.4       | 43.26 | 169.2       | 48.75 | 185.4       | 55.38 | 199.8       | 61.79 | 218.9       | 73.05 |
|        | 39                               | 103.4                        | 29.70 | 120.6       | 34.28 | 154.4       | 46.09 | 169.2       | 51.70 | 185.4       | 57.90 | 199.8       | 62.86 | 218.9       | 73.71 |
|        | 41                               | 103.4                        | 31.72 | 120.6       | 36.60 | 154.4       | 48.69 | 169.2       | 53.22 | 185.4       | 57.96 | 199.8       | 64.02 | 218.9       | 75.79 |
|        | 43                               | 103.4                        | 33.89 | 120.6       | 39.00 | 154.4       | 49.63 | 169.2       | 53.92 | 185.1       | 60.80 | 199.8       | 68.05 | 210.2       | 75.57 |
|        | 46                               | 103.4                        | 37.40 | 120.6       | 41.96 | 154.1       | 52.61 | 169.2       | 59.38 | 185.4       | 67.75 | 187.2       | 68.66 | 184.3       | 69.44 |
|        | 48                               | 103.4                        | 39.93 | 120.6       | 44.36 | 154.4       | 57.85 | 168.9       | 65.41 | 170.6       | 66.32 | 170.6       | 66.23 | 168.4       | 67.06 |
|        | 50                               | 103.4                        | 42.65 | 120.6       | 46.71 | 154.4       | 62.91 | 155.4       | 63.44 | 155.1       | 63.38 | 155.5       | 63.46 | 153.0       | 64.05 |
|        | 52                               | 103.4                        | 43.26 | 120.6       | 50.53 | 133.6       | 57.36 | 134.3       | 56.47 | 135.1       | 55.54 | 135.8       | 54.65 | 136.4       | 54.65 |
|        | 10                               | 29.90                        | 2.02  | 47.50       | 3.22  | 67.40       | 4.58  | 72.30       | 4.93  | 77.00       | 5.26  | 82.10       | 5.60  | 87.10       | 6.03  |
|        | 12                               | 29.90                        | 1.96  | 47.50       | 3.22  | 67.40       | 4.61  | 72.30       | 4.94  | 77.00       | 5.27  | 82.10       | 5.63  | 87.10       | 6.07  |
|        | 14                               | 29.90                        | 1.84  | 47.50       | 3.08  | 67.40       | 4.51  | 72.30       | 4.97  | 77.00       | 5.33  | 82.10       | 5.70  | 87.10       | 6.12  |
|        | 16                               | 29.90                        | 1.77  | 47.50       | 2.92  | 67.40       | 4.55  | 72.30       | 4.97  | 77.00       | 5.40  | 82.10       | 5.79  | 87.10       | 6.25  |
|        | 18                               | 29.90                        | 1.67  | 47.50       | 2.99  | 67.40       | 4.64  | 72.30       | 5.08  | 77.00       | 5.50  | 82.10       | 5.99  | 87.10       | 6.50  |
|        | 20                               | 29.90                        | 1.74  | 47.50       | 3.12  | 67.40       | 4.96  | 72.30       | 5.46  | 77.00       | 5.93  | 82.10       | 6.46  | 87.10       | 7.31  |
|        | 21                               | 33.50                        | 2.07  | 51.40       | 3.69  | 71.30       | 6.05  | 75.90       | 6.70  | 80.30       | 7.44  | 85.30       | 8.16  | 90.00       | 9.77  |
|        | 23                               | 41.40                        | 6.23  | 59.00       | 7.92  | 78.50       | 9.98  | 83.10       | 10.48 | 87.50       | 10.92 | 91.40       | 11.29 | 95.80       | 11.94 |
|        | 25                               | 49.70                        | 7.60  | 66.60       | 9.60  | 86.10       | 12.08 | 90.30       | 12.71 | 94.70       | 13.25 | 97.90       | 13.67 | 101.9       | 14.33 |
|        | 27                               | 58.00                        | 9.41  | 74.50       | 11.88 | 94.00       | 14.88 | 97.90       | 15.49 | 101.9       | 16.10 | 104.7       | 16.53 | 113.8       | 18.46 |
|        | 29                               | 66.30                        | 12.04 | 82.80       | 15.02 | 101.9       | 18.35 | 105.5       | 19.02 | 109.5       | 19.73 | 116.3       | 20.97 | 134.6       | 25.30 |
|        | 31                               | 75.20                        | 15.78 | 91.10       | 18.35 | 110.2       | 22.06 | 113.7       | 22.79 | 123.5       | 24.93 | 137.5       | 28.18 | 155.5       | 33.75 |
|        | 33                               | 83.90                        | 19.28 | 99.70       | 22.19 | 118.5       | 26.53 | 130.3       | 29.57 | 145.1       | 33.62 | 158.7       | 37.66 | 176.3       | 44.55 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 93.30                        | 23.49 | 108.7       | 26.83 | 139.0       | 35.51 | 152.2       | 39.77 | 166.7       | 44.84 | 179.9       | 49.74 | 196.9       | 58.37 |
|        | 37                              | 93.30                        | 25.02 | 108.7       | 28.62 | 139.0       | 37.90 | 152.2       | 42.42 | 166.7       | 47.87 | 179.9       | 53.09 | 196.9       | 62.35 |
|        | 39                              | 93.30                        | 26.72 | 108.7       | 30.54 | 139.0       | 40.48 | 152.2       | 45.29 | 166.7       | 50.78 | 179.9       | 56.28 | 196.9       | 65.16 |
|        | 41                              | 93.30                        | 28.50 | 108.7       | 32.61 | 139.0       | 43.10 | 152.2       | 47.92 | 166.7       | 52.99 | 179.9       | 56.97 | 196.9       | 65.33 |
|        | 43                              | 93.30                        | 30.45 | 108.7       | 34.85 | 139.0       | 45.67 | 152.2       | 49.44 | 166.7       | 53.75 | 180.0       | 58.19 | 196.9       | 68.64 |
|        | 46                              | 93.30                        | 33.63 | 108.7       | 38.33 | 139.0       | 47.66 | 151.9       | 51.59 | 167.0       | 58.29 | 179.7       | 64.86 | 184.6       | 69.47 |
|        | 48                              | 93.30                        | 35.91 | 108.7       | 40.88 | 138.9       | 50.67 | 151.9       | 56.74 | 166.7       | 64.22 | 170.7       | 66.37 | 168.8       | 67.22 |
|        | 50                              | 93.30                        | 38.39 | 108.7       | 42.84 | 139.0       | 55.01 | 151.9       | 61.66 | 155.1       | 63.36 | 155.5       | 63.42 | 153.6       | 64.17 |
|        | 52                              | 93.30                        | 40.74 | 108.7       | 44.12 | 133.2       | 57.99 | 133.9       | 57.34 | 134.7       | 56.37 | 135.1       | 55.48 | 135.8       | 55.51 |
| 80     | 10                              | 26.30                        | 1.80  | 42.50       | 2.86  | 60.10       | 4.06  | 64.10       | 4.36  | 68.40       | 4.65  | 72.80       | 4.97  | 77.40       | 5.34  |
|        | 12                              | 26.30                        | 1.67  | 42.50       | 2.86  | 60.10       | 4.07  | 64.10       | 4.39  | 68.40       | 4.68  | 72.80       | 4.98  | 77.40       | 5.37  |
|        | 14                              | 26.30                        | 1.60  | 42.50       | 2.71  | 60.10       | 3.96  | 64.10       | 4.26  | 68.40       | 4.59  | 72.80       | 5.01  | 77.40       | 5.41  |
|        | 16                              | 26.30                        | 1.52  | 42.50       | 2.54  | 60.10       | 3.86  | 64.10       | 4.26  | 68.40       | 4.65  | 72.80       | 5.04  | 77.40       | 5.50  |
|        | 18                              | 26.30                        | 1.47  | 42.50       | 2.55  | 60.10       | 3.96  | 64.10       | 4.35  | 68.40       | 4.75  | 72.80       | 5.14  | 77.40       | 5.67  |
|        | 20                              | 26.30                        | 1.45  | 42.50       | 2.62  | 60.10       | 4.17  | 64.10       | 4.60  | 68.40       | 5.06  | 72.80       | 5.50  | 77.40       | 6.20  |
|        | 21                              | 29.90                        | 1.74  | 45.70       | 3.04  | 63.30       | 4.99  | 67.30       | 5.52  | 71.60       | 6.13  | 75.60       | 6.74  | 80.20       | 7.99  |
|        | 23                              | 36.70                        | 5.68  | 52.50       | 7.17  | 69.80       | 8.97  | 73.80       | 9.51  | 77.70       | 9.95  | 81.40       | 10.28 | 85.30       | 10.89 |
|        | 25                              | 43.90                        | 6.82  | 59.40       | 8.59  | 76.60       | 10.84 | 80.30       | 11.30 | 84.20       | 11.89 | 87.10       | 12.34 | 90.70       | 12.99 |
|        | 27                              | 51.40                        | 8.44  | 66.30       | 10.55 | 83.50       | 13.38 | 87.10       | 13.88 | 90.70       | 14.39 | 92.90       | 14.75 | 101.2       | 16.35 |
|        | 29                              | 59.00                        | 10.70 | 73.80       | 13.33 | 90.70       | 16.30 | 94.00       | 16.89 | 97.50       | 17.50 | 103.3       | 18.60 | 119.9       | 22.14 |
|        | 31                              | 66.60                        | 13.92 | 81.00       | 16.49 | 97.90       | 19.60 | 100.8       | 20.19 | 109.8       | 21.95 | 122.1       | 24.67 | 138.2       | 29.15 |
|        | 33                              | 74.50                        | 17.33 | 88.90       | 19.84 | 105.4       | 23.40 | 115.9       | 25.90 | 128.9       | 29.21 | 140.8       | 32.47 | 156.9       | 38.03 |
|        | 35                              | 82.80                        | 21.04 | 96.50       | 23.79 | 123.4       | 30.91 | 135.4       | 34.36 | 148.3       | 38.51 | 159.9       | 42.42 | 175.3       | 49.33 |
|        | 37                              | 82.80                        | 22.38 | 96.50       | 25.35 | 123.4       | 32.98 | 135.4       | 36.69 | 148.3       | 41.07 | 159.9       | 45.25 | 175.3       | 52.65 |
|        | 39                              | 82.80                        | 23.86 | 96.50       | 27.05 | 123.4       | 35.20 | 135.4       | 39.16 | 148.3       | 43.83 | 159.9       | 48.31 | 175.3       | 55.89 |
|        | 41                              | 82.80                        | 25.49 | 96.50       | 28.87 | 123.4       | 37.59 | 135.4       | 41.80 | 148.3       | 46.56 | 159.9       | 51.00 | 175.3       | 58.57 |
|        | 43                              | 82.80                        | 27.22 | 96.50       | 30.85 | 123.4       | 40.13 | 135.4       | 44.30 | 148.3       | 48.75 | 159.9       | 52.16 | 175.3       | 59.46 |
|        | 46                              | 82.80                        | 30.05 | 96.50       | 34.07 | 123.4       | 43.39 | 135.4       | 46.97 | 148.3       | 50.81 | 159.8       | 55.09 | 175.0       | 64.32 |
|        | 48                              | 82.80                        | 32.13 | 96.50       | 36.41 | 123.4       | 45.84 | 135.4       | 49.57 | 148.3       | 54.94 | 159.8       | 60.61 | 168.7       | 67.22 |
|        | 50                              | 82.80                        | 34.37 | 96.50       | 38.90 | 123.4       | 48.00 | 135.1       | 53.22 | 148.3       | 59.64 | 155.5       | 63.42 | 153.1       | 64.09 |
|        | 52                              | 82.80                        | 36.74 | 96.50       | 39.40 | 123.5       | 51.91 | 133.2       | 57.65 | 133.9       | 57.49 | 134.3       | 56.56 | 135.0       | 56.60 |
| 70     | 10                              | 23.00                        | 1.58  | 37.10       | 2.49  | 52.50       | 3.55  | 56.20       | 3.81  | 59.80       | 4.06  | 63.70       | 4.32  | 67.70       | 4.65  |
|        | 12                              | 23.00                        | 1.41  | 37.10       | 2.40  | 52.50       | 3.55  | 56.20       | 3.81  | 59.80       | 4.07  | 63.70       | 4.35  | 67.70       | 4.68  |
|        | 14                              | 23.00                        | 1.37  | 37.10       | 2.32  | 52.50       | 3.37  | 56.20       | 3.66  | 59.80       | 3.95  | 63.70       | 4.22  | 67.70       | 4.60  |
|        | 16                              | 23.00                        | 1.30  | 37.10       | 2.17  | 52.50       | 3.24  | 56.20       | 3.54  | 59.80       | 3.89  | 63.70       | 4.22  | 67.70       | 4.62  |
|        | 18                              | 23.00                        | 1.26  | 37.10       | 2.11  | 52.50       | 3.28  | 56.20       | 3.61  | 59.80       | 3.96  | 63.70       | 4.32  | 67.70       | 4.75  |
|        | 20                              | 23.00                        | 1.23  | 37.10       | 2.15  | 52.50       | 3.42  | 56.20       | 3.81  | 59.80       | 4.17  | 63.70       | 4.56  | 67.70       | 5.13  |
|        | 21                              | 26.20                        | 1.41  | 39.90       | 2.47  | 55.40       | 3.98  | 59.00       | 4.45  | 62.60       | 4.91  | 66.20       | 5.41  | 69.90       | 6.31  |
|        | 23                              | 32.40                        | 4.88  | 45.70       | 6.41  | 61.20       | 7.97  | 64.40       | 8.44  | 68.00       | 8.86  | 71.30       | 9.23  | 74.50       | 9.80  |
|        | 25                              | 38.50                        | 6.09  | 51.80       | 7.65  | 67.00       | 9.56  | 70.20       | 10.06 | 73.50       | 10.51 | 76.30       | 10.89 | 79.20       | 11.52 |
|        | 27                              | 45.00                        | 7.40  | 58.00       | 9.29  | 73.10       | 11.54 | 76.30       | 12.16 | 79.20       | 12.82 | 81.40       | 13.12 | 88.60       | 14.39 |
|        | 29                              | 51.80                        | 9.29  | 64.40       | 11.58 | 79.20       | 14.42 | 82.10       | 14.89 | 85.30       | 15.40 | 90.40       | 16.26 | 104.8       | 19.30 |
|        | 31                              | 58.30                        | 11.98 | 70.90       | 14.71 | 85.60       | 17.36 | 88.20       | 17.87 | 95.80       | 19.23 | 106.9       | 21.43 | 121.0       | 25.00 |
|        | 33                              | 65.50                        | 15.25 | 77.40       | 17.58 | 92.10       | 20.51 | 101.5       | 22.52 | 112.7       | 25.17 | 123.5       | 27.74 | 137.2       | 32.18 |
|        | 35                              | 72.70                        | 18.66 | 84.20       | 20.96 | 108.0       | 26.69 | 118.4       | 29.44 | 129.6       | 32.71 | 139.7       | 35.80 | 153.1       | 41.27 |
|        | 37                              | 72.70                        | 19.86 | 84.20       | 22.30 | 108.0       | 28.44 | 118.4       | 31.41 | 129.6       | 34.92 | 139.7       | 38.20 | 153.1       | 44.01 |
|        | 39                              | 72.70                        | 21.16 | 84.20       | 23.79 | 108.0       | 30.39 | 118.4       | 33.54 | 129.6       | 37.26 | 139.7       | 40.78 | 153.1       | 46.96 |
|        | 41                              | 72.70                        | 22.60 | 84.20       | 25.41 | 108.0       | 32.42 | 118.4       | 35.82 | 129.6       | 39.79 | 139.7       | 43.54 | 153.1       | 49.97 |
|        | 43                              | 72.70                        | 24.18 | 84.20       | 27.15 | 108.0       | 34.63 | 118.4       | 38.22 | 129.6       | 42.35 | 139.7       | 46.15 | 153.1       | 52.94 |
|        | 46                              | 72.70                        | 26.71 | 84.20       | 29.97 | 108.0       | 38.24 | 118.4       | 42.01 | 129.6       | 45.65 | 139.7       | 48.83 | 153.1       | 55.19 |
|        | 48                              | 72.70                        | 28.58 | 84.20       | 32.06 | 108.0       | 40.76 | 118.4       | 44.76 | 129.6       | 48.23 | 139.7       | 51.51 | 153.3       | 58.91 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 72.70                        | 30.57 | 84.20       | 34.29 | 108.0       | 43.39 | 118.4       | 46.62 | 129.6       | 50.69 | 140.0       | 55.48 | 153.0       | 63.97 |
|        | 52                              | 72.70                        | 32.72 | 84.20       | 36.40 | 108.0       | 43.50 | 118.4       | 48.83 | 129.7       | 55.47 | 133.6       | 57.82 | 133.9       | 58.09 |
| 60     | 10                              | 19.80                        | 1.35  | 31.70       | 2.13  | 45.00       | 3.04  | 48.20       | 3.26  | 51.50       | 3.48  | 54.70       | 3.70  | 58.00       | 3.99  |
|        | 12                              | 19.80                        | 1.18  | 31.70       | 1.96  | 45.00       | 2.95  | 48.20       | 3.26  | 51.50       | 3.48  | 54.70       | 3.70  | 58.00       | 3.99  |
|        | 14                              | 19.80                        | 1.14  | 31.70       | 1.89  | 45.00       | 2.83  | 48.20       | 3.08  | 51.50       | 3.33  | 54.70       | 3.55  | 58.00       | 3.83  |
|        | 16                              | 19.80                        | 1.11  | 31.70       | 1.81  | 45.00       | 2.69  | 48.20       | 2.90  | 51.50       | 3.17  | 54.70       | 3.40  | 58.00       | 3.75  |
|        | 18                              | 19.80                        | 1.07  | 31.70       | 1.73  | 45.00       | 2.62  | 48.20       | 2.91  | 51.50       | 3.18  | 54.70       | 3.50  | 58.00       | 3.82  |
|        | 20                              | 19.80                        | 1.00  | 31.70       | 1.74  | 45.00       | 2.73  | 48.20       | 3.01  | 51.50       | 3.35  | 54.70       | 3.67  | 58.00       | 4.10  |
|        | 21                              | 22.30                        | 1.15  | 34.20       | 1.93  | 47.50       | 3.12  | 50.40       | 3.44  | 53.60       | 3.84  | 56.90       | 4.20  | 60.10       | 4.87  |
|        | 23                              | 27.70                        | 3.25  | 39.30       | 5.26  | 52.50       | 6.99  | 55.40       | 7.38  | 58.30       | 7.78  | 60.90       | 8.07  | 64.00       | 8.60  |
|        | 25                              | 34.30                        | 5.54  | 44.60       | 6.66  | 57.60       | 8.21  | 60.20       | 8.69  | 63.00       | 9.13  | 65.50       | 9.52  | 68.00       | 10.00 |
|        | 27                              | 38.50                        | 6.48  | 49.70       | 7.95  | 62.60       | 9.88  | 65.20       | 10.41 | 68.00       | 10.90 | 69.90       | 11.30 | 75.90       | 12.44 |
|        | 29                              | 44.30                        | 7.99  | 55.10       | 9.81  | 68.00       | 12.17 | 70.60       | 12.80 | 73.10       | 13.46 | 77.40       | 14.17 | 89.90       | 16.53 |
|        | 31                              | 50.00                        | 10.16 | 60.80       | 12.48 | 73.40       | 15.14 | 75.60       | 15.58 | 82.40       | 16.75 | 91.80       | 18.47 | 103.7       | 21.25 |
|        | 33                              | 56.10                        | 13.17 | 66.60       | 15.37 | 79.20       | 17.84 | 87.10       | 19.47 | 96.80       | 21.53 | 105.9       | 23.51 | 117.7       | 26.93 |
|        | 35                              | 62.20                        | 16.12 | 72.40       | 18.24 | 92.50       | 22.83 | 101.5       | 24.97 | 111.3       | 27.50 | 119.9       | 29.88 | 131.4       | 34.07 |
|        | 37                              | 62.20                        | 17.11 | 72.40       | 19.39 | 92.50       | 24.32 | 101.5       | 26.63 | 111.3       | 29.34 | 119.9       | 31.88 | 131.4       | 36.33 |
|        | 39                              | 62.20                        | 18.40 | 72.40       | 20.70 | 92.50       | 25.98 | 101.5       | 28.41 | 111.3       | 31.31 | 119.9       | 34.05 | 131.4       | 38.80 |
|        | 41                              | 62.20                        | 19.63 | 72.40       | 22.07 | 92.50       | 27.72 | 101.5       | 30.36 | 111.3       | 33.44 | 119.9       | 36.34 | 131.4       | 41.40 |
|        | 43                              | 62.20                        | 20.97 | 72.40       | 23.61 | 92.50       | 29.60 | 101.5       | 32.43 | 111.3       | 35.70 | 119.9       | 38.80 | 131.4       | 44.20 |
|        | 46                              | 62.20                        | 23.20 | 72.40       | 26.16 | 92.50       | 32.71 | 101.5       | 35.79 | 111.3       | 39.41 | 119.9       | 42.66 | 131.4       | 48.47 |
|        | 48                              | 62.20                        | 24.86 | 72.40       | 28.00 | 92.50       | 34.98 | 101.5       | 38.25 | 111.3       | 41.98 | 119.9       | 45.43 | 131.4       | 50.98 |
|        | 50                              | 62.20                        | 26.69 | 72.40       | 29.98 | 92.50       | 37.36 | 101.5       | 40.84 | 111.3       | 44.71 | 119.9       | 47.51 | 131.4       | 53.37 |
|        | 52                              | 62.20                        | 28.71 | 72.40       | 32.06 | 92.50       | 39.60 | 101.5       | 41.42 | 111.3       | 44.85 | 119.9       | 49.47 | 131.4       | 57.26 |
| 50     | 10                              | 16.60                        | 1.29  | 26.30       | 1.79  | 37.40       | 2.53  | 40.00       | 2.68  | 42.80       | 2.89  | 45.70       | 3.08  | 48.60       | 3.30  |
|        | 12                              | 16.60                        | 1.12  | 26.30       | 1.59  | 37.40       | 2.33  | 40.00       | 2.58  | 42.80       | 2.80  | 45.70       | 3.02  | 48.60       | 3.30  |
|        | 14                              | 16.60                        | 1.08  | 26.30       | 1.52  | 37.40       | 2.25  | 40.00       | 2.47  | 42.80       | 2.65  | 45.70       | 2.87  | 48.60       | 3.15  |
|        | 16                              | 16.60                        | 1.04  | 26.30       | 1.48  | 37.40       | 2.17  | 40.00       | 2.33  | 42.80       | 2.54  | 45.70       | 2.75  | 48.60       | 2.97  |
|        | 18                              | 16.60                        | 0.98  | 26.30       | 1.41  | 37.40       | 2.07  | 40.00       | 2.25  | 42.80       | 2.44  | 45.70       | 2.69  | 48.60       | 2.95  |
|        | 20                              | 16.60                        | 0.94  | 26.30       | 1.37  | 37.40       | 2.08  | 40.00       | 2.29  | 42.80       | 2.55  | 45.70       | 2.80  | 48.60       | 3.12  |
|        | 21                              | 18.70                        | 0.96  | 28.40       | 1.49  | 39.60       | 2.32  | 42.10       | 2.58  | 44.60       | 2.84  | 47.50       | 3.12  | 50.00       | 3.55  |
|        | 23                              | 23.00                        | 2.14  | 32.70       | 3.34  | 43.60       | 5.94  | 46.10       | 6.31  | 48.60       | 6.65  | 50.80       | 6.98  | 53.30       | 7.35  |
|        | 25                              | 32.40                        | 5.31  | 37.10       | 5.73  | 47.90       | 6.99  | 50.10       | 7.35  | 52.50       | 7.71  | 54.40       | 8.04  | 56.50       | 8.48  |
|        | 27                              | 32.70                        | 5.80  | 41.40       | 6.74  | 52.20       | 8.26  | 54.40       | 8.67  | 56.50       | 9.13  | 58.30       | 9.47  | 63.30       | 10.37 |
|        | 29                              | 36.70                        | 6.90  | 46.00       | 8.25  | 56.50       | 10.05 | 58.70       | 10.53 | 60.80       | 11.09 | 64.80       | 11.87 | 74.90       | 13.78 |
|        | 31                              | 41.80                        | 8.57  | 50.40       | 10.21 | 61.20       | 12.55 | 63.00       | 13.20 | 68.40       | 14.31 | 76.30       | 15.69 | 86.40       | 17.83 |
|        | 33                              | 46.50                        | 11.01 | 55.40       | 13.07 | 65.90       | 15.09 | 72.40       | 16.53 | 80.60       | 18.13 | 88.20       | 19.66 | 97.90       | 22.26 |
|        | 35                              | 51.80                        | 13.81 | 60.10       | 15.36 | 77.40       | 19.32 | 84.60       | 20.96 | 92.50       | 22.83 | 100.1       | 24.59 | 109.4       | 27.71 |
|        | 37                              | 51.80                        | 14.82 | 60.10       | 16.51 | 77.40       | 20.55 | 84.60       | 22.33 | 92.50       | 24.35 | 100.1       | 26.23 | 109.4       | 29.57 |
|        | 39                              | 51.80                        | 15.74 | 60.10       | 17.56 | 77.40       | 21.92 | 84.60       | 23.79 | 92.50       | 25.98 | 100.1       | 28.01 | 109.4       | 31.56 |
|        | 41                              | 51.80                        | 16.75 | 60.10       | 18.69 | 77.40       | 23.41 | 84.60       | 25.41 | 92.50       | 27.72 | 100.1       | 29.89 | 109.4       | 33.66 |
|        | 43                              | 51.80                        | 17.81 | 60.10       | 19.96 | 77.40       | 25.02 | 84.60       | 27.15 | 92.50       | 29.64 | 100.1       | 31.94 | 109.4       | 35.95 |
|        | 46                              | 51.80                        | 19.64 | 60.10       | 22.10 | 77.40       | 27.66 | 84.60       | 30.00 | 92.50       | 32.74 | 100.1       | 35.24 | 109.4       | 39.64 |
|        | 48                              | 51.80                        | 20.99 | 60.10       | 23.66 | 77.40       | 29.57 | 84.60       | 32.09 | 92.50       | 34.96 | 100.1       | 37.66 | 109.4       | 42.35 |
|        | 50                              | 51.80                        | 22.52 | 60.10       | 25.39 | 77.40       | 31.66 | 84.60       | 34.29 | 92.50       | 37.37 | 100.1       | 40.22 | 109.4       | 45.21 |
|        | 52                              | 51.80                        | 24.16 | 60.10       | 27.28 | 77.40       | 33.85 | 84.60       | 36.47 | 92.50       | 39.66 | 100.1       | 41.05 | 109.4       | 45.82 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM740LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 44.00                        | 2.95  | 70.70       | 4.72  | 100.2       | 6.75  | 107.3       | 7.27  | 114.3       | 7.79  | 121.7       | 8.35  | 129.5       | 9.05  |
|        | 12                         | 44.00                        | 2.95  | 70.70       | 4.75  | 100.2       | 6.81  | 107.3       | 7.33  | 114.3       | 7.86  | 121.7       | 8.42  | 129.5       | 9.18  |
|        | 14                         | 44.00                        | 2.85  | 70.70       | 4.75  | 100.2       | 6.88  | 107.3       | 7.44  | 114.3       | 7.84  | 121.7       | 8.53  | 129.5       | 9.38  |
|        | 16                         | 44.00                        | 2.80  | 70.70       | 4.82  | 100.2       | 7.08  | 107.3       | 7.55  | 114.3       | 8.08  | 121.7       | 8.80  | 129.5       | 9.82  |
|        | 18                         | 44.00                        | 2.84  | 70.70       | 4.89  | 100.2       | 7.33  | 107.3       | 7.93  | 114.3       | 8.59  | 121.7       | 9.41  | 129.5       | 10.74 |
|        | 20                         | 44.00                        | 2.94  | 70.70       | 5.19  | 100.2       | 8.18  | 107.3       | 8.92  | 114.3       | 9.92  | 121.7       | 11.20 | 129.5       | 13.01 |
|        | 21                         | 49.90                        | 3.68  | 76.20       | 6.51  | 105.5       | 10.88 | 112.5       | 11.54 | 119.5       | 12.43 | 126.2       | 13.52 | 133.6       | 14.88 |
|        | 23                         | 61.40                        | 8.87  | 87.40       | 11.23 | 116.6       | 14.13 | 123.2       | 14.80 | 129.9       | 16.05 | 135.8       | 16.85 | 142.4       | 18.15 |
|        | 25                         | 73.60                        | 11.09 | 99.20       | 14.01 | 128.0       | 17.65 | 134.2       | 18.60 | 140.6       | 19.97 | 145.4       | 20.83 | 151.3       | 22.36 |
|        | 27                         | 85.80                        | 14.20 | 111.0       | 17.57 | 139.5       | 22.39 | 145.4       | 23.82 | 151.3       | 25.00 | 155.4       | 25.80 | 169.1       | 29.38 |
|        | 29                         | 98.40                        | 18.12 | 122.9       | 22.11 | 151.3       | 27.93 | 156.8       | 29.17 | 162.5       | 30.52 | 172.5       | 32.89 | 199.9       | 41.25 |
|        | 31                         | 111.4                        | 22.72 | 135.4       | 27.35 | 163.5       | 34.25 | 168.7       | 35.63 | 183.1       | 39.75 | 204.2       | 46.20 | 230.9       | 57.08 |
|        | 33                         | 124.7                        | 28.38 | 148.1       | 33.81 | 176.1       | 42.02 | 193.5       | 47.85 | 215.4       | 55.82 | 235.7       | 63.97 | 261.6       | 77.36 |
|        | 35                         | 138.1                        | 35.55 | 161.3       | 41.81 | 206.4       | 58.52 | 226.0       | 66.94 | 247.6       | 76.88 | 266.8       | 85.91 | 292.4       | 97.56 |
|        | 37                         | 138.1                        | 37.91 | 161.3       | 44.60 | 206.4       | 62.40 | 225.7       | 70.59 | 247.8       | 81.19 | 266.8       | 90.07 | 274.7       | 94.68 |
|        | 39                         | 138.1                        | 40.41 | 161.3       | 47.55 | 206.1       | 63.58 | 225.7       | 72.70 | 247.6       | 83.86 | 257.3       | 88.07 | 254.3       | 88.65 |
|        | 41                         | 138.1                        | 43.09 | 161.3       | 49.65 | 206.5       | 65.75 | 225.7       | 75.20 | 237.5       | 81.12 | 237.4       | 81.11 | 234.4       | 82.02 |
|        | 43                         | 138.1                        | 45.95 | 161.3       | 50.65 | 206.5       | 70.16 | 218.0       | 76.20 | 218.3       | 76.12 | 218.0       | 76.09 | 215.7       | 77.21 |
|        | 46                         | 138.1                        | 49.34 | 161.4       | 55.41 | 191.3       | 70.06 | 191.0       | 70.01 | 191.2       | 69.97 | 190.9       | 70.04 | 188.7       | 70.78 |
|        | 48                         | 138.1                        | 52.20 | 161.3       | 60.61 | 174.1       | 67.19 | 174.5       | 67.38 | 174.4       | 67.28 | 173.8       | 67.09 | 171.9       | 67.96 |
|        | 50                         | 138.4                        | 55.39 | 158.3       | 63.68 | 157.9       | 63.59 | 157.9       | 63.63 | 157.9       | 63.61 | 157.5       | 63.51 | 155.7       | 64.34 |
|        | 52                         | 135.8                        | 57.76 | 137.7       | 55.71 | 139.5       | 53.38 | 139.7       | 52.86 | 140.3       | 52.35 | 140.7       | 51.94 | 140.6       | 52.28 |
| 120    | 10                         | 40.70                        | 2.73  | 65.50       | 4.35  | 92.50       | 6.22  | 99.10       | 6.67  | 105.5       | 7.15  | 112.4       | 7.64  | 119.5       | 8.24  |
|        | 12                         | 40.70                        | 2.73  | 65.50       | 4.35  | 92.50       | 6.26  | 99.10       | 6.73  | 105.5       | 7.22  | 112.4       | 7.71  | 119.5       | 8.34  |
|        | 14                         | 40.70                        | 2.62  | 65.50       | 4.38  | 92.50       | 6.32  | 99.10       | 6.80  | 105.5       | 7.32  | 112.4       | 7.75  | 119.5       | 8.42  |
|        | 16                         | 40.70                        | 2.50  | 65.50       | 4.35  | 92.50       | 6.46  | 99.10       | 6.97  | 105.5       | 7.40  | 112.4       | 7.87  | 119.5       | 8.72  |
|        | 18                         | 40.70                        | 2.54  | 65.50       | 4.45  | 92.50       | 6.73  | 99.10       | 7.22  | 105.5       | 7.72  | 112.4       | 8.35  | 119.5       | 9.37  |
|        | 20                         | 40.70                        | 2.61  | 65.50       | 4.69  | 92.50       | 7.35  | 99.10       | 8.07  | 105.5       | 8.68  | 112.4       | 9.64  | 119.5       | 11.34 |
|        | 21                         | 45.90                        | 3.24  | 70.30       | 5.77  | 97.70       | 9.72  | 103.9       | 10.71 | 110.3       | 11.26 | 116.6       | 12.06 | 123.5       | 13.63 |
|        | 23                         | 57.00                        | 8.35  | 80.70       | 10.56 | 107.7       | 13.24 | 113.6       | 13.83 | 119.9       | 14.40 | 125.4       | 15.33 | 131.3       | 16.60 |
|        | 25                         | 68.10                        | 10.32 | 91.40       | 13.10 | 118.1       | 16.29 | 123.9       | 17.10 | 129.8       | 17.88 | 134.3       | 18.96 | 139.5       | 20.30 |
|        | 27                         | 79.20                        | 13.18 | 102.5       | 16.26 | 128.8       | 20.61 | 134.3       | 21.41 | 139.8       | 22.70 | 143.5       | 23.46 | 156.1       | 26.55 |
|        | 29                         | 91.00                        | 16.81 | 113.6       | 20.38 | 139.8       | 25.44 | 144.7       | 26.51 | 150.2       | 27.67 | 159.4       | 29.75 | 184.6       | 36.95 |
|        | 31                         | 102.9                        | 21.03 | 125.1       | 25.05 | 151.0       | 31.03 | 155.7       | 32.21 | 169.1       | 35.75 | 188.3       | 41.31 | 213.2       | 50.59 |
|        | 33                         | 115.1                        | 26.05 | 136.9       | 30.75 | 162.4       | 37.86 | 178.7       | 42.90 | 199.0       | 49.71 | 217.5       | 56.62 | 241.6       | 68.32 |
|        | 35                         | 127.7                        | 32.41 | 149.1       | 37.84 | 190.6       | 52.20 | 208.6       | 59.40 | 228.6       | 68.14 | 246.4       | 76.34 | 270.1       | 88.76 |
|        | 37                         | 127.7                        | 34.55 | 149.1       | 40.37 | 190.6       | 55.64 | 208.6       | 63.38 | 228.6       | 71.86 | 246.4       | 80.59 | 270.1       | 93.12 |
|        | 39                         | 127.7                        | 36.83 | 149.1       | 43.02 | 190.6       | 57.60 | 208.3       | 64.57 | 228.6       | 74.01 | 246.4       | 83.22 | 254.2       | 88.65 |
|        | 41                         | 127.7                        | 39.26 | 149.1       | 45.89 | 190.6       | 58.54 | 208.4       | 66.82 | 228.6       | 76.61 | 237.2       | 81.11 | 234.5       | 82.05 |
|        | 43                         | 127.7                        | 41.88 | 149.1       | 47.46 | 190.5       | 62.34 | 208.7       | 71.24 | 218.4       | 76.18 | 218.4       | 76.17 | 215.4       | 77.03 |
|        | 46                         | 127.7                        | 46.14 | 148.7       | 50.12 | 190.4       | 69.52 | 191.2       | 70.02 | 191.0       | 69.99 | 191.0       | 69.97 | 189.0       | 70.86 |
|        | 48                         | 127.7                        | 48.62 | 149.1       | 54.81 | 174.4       | 67.26 | 174.2       | 67.20 | 173.9       | 67.20 | 173.8       | 67.09 | 171.9       | 68.06 |
|        | 50                         | 127.7                        | 50.90 | 149.1       | 58.98 | 157.9       | 63.59 | 157.9       | 63.56 | 157.9       | 63.64 | 157.6       | 63.57 | 155.9       | 64.36 |
|        | 52                         | 127.7                        | 53.02 | 137.0       | 56.65 | 138.8       | 54.28 | 139.1       | 53.82 | 139.4       | 53.35 | 139.7       | 52.96 | 139.7       | 53.43 |
| 110    | 10                         | 37.40                        | 2.47  | 59.90       | 3.98  | 84.70       | 5.68  | 90.70       | 6.11  | 96.60       | 6.52  | 102.9       | 6.97  | 109.5       | 7.49  |
|        | 12                         | 37.40                        | 2.47  | 59.90       | 3.98  | 84.70       | 5.71  | 90.70       | 6.14  | 96.60       | 6.55  | 102.9       | 7.03  | 109.5       | 7.59  |
|        | 14                         | 37.40                        | 2.36  | 59.90       | 3.92  | 84.70       | 5.77  | 90.70       | 6.18  | 96.60       | 6.62  | 102.9       | 7.10  | 109.5       | 7.69  |
|        | 16                         | 37.40                        | 2.24  | 59.90       | 3.91  | 84.70       | 5.87  | 90.70       | 6.31  | 96.60       | 6.79  | 102.9       | 7.21  | 109.5       | 7.84  |
|        | 18                         | 37.40                        | 2.24  | 59.90       | 3.98  | 84.70       | 6.07  | 90.70       | 6.58  | 96.60       | 7.00  | 102.9       | 7.56  | 109.5       | 8.29  |
|        | 20                         | 37.40                        | 2.31  | 59.90       | 4.16  | 84.70       | 6.55  | 90.70       | 7.17  | 96.60       | 7.78  | 102.9       | 8.45  | 109.5       | 9.64  |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 42.20                        | 2.81  | 64.40       | 5.06  | 89.50       | 8.39  | 95.10       | 9.36  | 101.0       | 10.27 | 106.9       | 10.98 | 113.2       | 11.99 |
|        | 23                              | 52.20                        | 7.74  | 74.00       | 9.91  | 98.80       | 12.32 | 104.3       | 12.84 | 109.9       | 13.37 | 114.7       | 13.85 | 120.3       | 14.80 |
|        | 25                              | 62.20                        | 9.57  | 83.70       | 12.02 | 108.4       | 15.02 | 113.6       | 15.71 | 118.8       | 16.35 | 123.2       | 16.93 | 128.0       | 18.14 |
|        | 27                              | 72.50                        | 12.03 | 93.60       | 15.03 | 118.0       | 18.73 | 122.9       | 19.41 | 128.1       | 20.29 | 131.4       | 20.84 | 142.8       | 23.94 |
|        | 29                              | 83.30                        | 15.55 | 104.0       | 18.70 | 128.0       | 23.10 | 132.8       | 24.00 | 137.7       | 25.03 | 145.8       | 26.80 | 169.1       | 32.93 |
|        | 31                              | 94.30                        | 19.42 | 114.4       | 22.86 | 138.3       | 28.01 | 142.8       | 29.03 | 155.0       | 32.06 | 172.8       | 36.77 | 195.3       | 44.65 |
|        | 33                              | 105.4                        | 23.84 | 125.4       | 27.87 | 148.7       | 33.97 | 163.9       | 38.27 | 182.4       | 44.06 | 199.1       | 49.89 | 221.3       | 59.89 |
|        | 35                              | 116.9                        | 29.41 | 136.5       | 34.11 | 174.6       | 46.36 | 191.2       | 52.45 | 209.5       | 59.83 | 225.7       | 67.00 | 247.2       | 79.12 |
|        | 37                              | 116.9                        | 31.36 | 136.5       | 36.36 | 174.6       | 49.45 | 191.2       | 55.93 | 209.5       | 63.86 | 225.7       | 71.44 | 247.5       | 83.64 |
|        | 39                              | 116.9                        | 33.43 | 136.5       | 38.79 | 174.6       | 52.71 | 191.2       | 58.28 | 209.5       | 65.14 | 225.7       | 72.74 | 247.6       | 85.99 |
|        | 41                              | 116.9                        | 35.66 | 136.5       | 41.37 | 174.6       | 54.16 | 191.2       | 58.89 | 209.7       | 67.34 | 225.7       | 75.24 | 234.4       | 82.08 |
|        | 43                              | 116.9                        | 38.04 | 136.5       | 44.12 | 174.6       | 55.29 | 191.0       | 62.65 | 209.8       | 71.76 | 218.0       | 76.19 | 215.7       | 77.11 |
|        | 46                              | 116.9                        | 41.91 | 136.5       | 46.39 | 174.3       | 61.56 | 190.6       | 69.79 | 191.2       | 70.04 | 191.0       | 70.01 | 188.6       | 70.91 |
|        | 48                              | 116.9                        | 44.70 | 136.5       | 49.40 | 173.9       | 66.98 | 173.9       | 67.09 | 174.4       | 67.23 | 173.9       | 67.17 | 171.6       | 67.95 |
|        | 50                              | 116.9                        | 47.25 | 136.3       | 53.14 | 157.9       | 63.70 | 157.9       | 63.67 | 157.9       | 63.66 | 157.9       | 63.57 | 155.9       | 64.29 |
|        | 52                              | 117.3                        | 47.55 | 136.2       | 57.17 | 138.0       | 55.44 | 138.2       | 54.97 | 138.5       | 54.50 | 138.0       | 54.07 | 138.9       | 54.11 |
| 100    | 10                              | 34.00                        | 2.25  | 54.40       | 3.61  | 77.00       | 5.16  | 82.50       | 5.53  | 88.00       | 5.90  | 93.60       | 6.30  | 99.50       | 6.78  |
|        | 12                              | 34.00                        | 2.23  | 54.40       | 3.61  | 77.00       | 5.16  | 82.50       | 5.56  | 88.00       | 5.93  | 93.60       | 6.33  | 99.50       | 6.85  |
|        | 14                              | 34.00                        | 2.12  | 54.40       | 3.51  | 77.00       | 5.19  | 82.50       | 5.59  | 88.00       | 5.99  | 93.60       | 6.40  | 99.50       | 6.92  |
|        | 16                              | 34.00                        | 1.99  | 54.40       | 3.42  | 77.00       | 5.23  | 82.50       | 5.69  | 88.00       | 6.09  | 93.60       | 6.53  | 99.50       | 7.12  |
|        | 18                              | 34.00                        | 1.94  | 54.40       | 3.49  | 77.00       | 5.36  | 82.50       | 5.83  | 88.00       | 6.33  | 93.60       | 6.77  | 99.50       | 7.43  |
|        | 20                              | 34.00                        | 2.01  | 54.40       | 3.63  | 77.00       | 5.77  | 82.50       | 6.31  | 88.00       | 6.85  | 93.60       | 7.46  | 99.50       | 8.49  |
|        | 21                              | 38.50                        | 2.43  | 58.80       | 4.33  | 81.40       | 7.18  | 86.60       | 7.99  | 91.80       | 8.80  | 97.30       | 9.66  | 102.8       | 10.94 |
|        | 23                              | 47.40                        | 7.20  | 67.30       | 9.14  | 89.90       | 11.39 | 94.70       | 11.92 | 99.90       | 12.40 | 104.4       | 12.85 | 109.5       | 13.62 |
|        | 25                              | 56.60                        | 8.76  | 76.20       | 11.10 | 98.40       | 13.93 | 103.2       | 14.51 | 108.0       | 14.98 | 112.1       | 15.43 | 116.2       | 16.35 |
|        | 27                              | 65.90                        | 10.94 | 85.40       | 13.84 | 107.3       | 16.99 | 111.8       | 17.71 | 116.5       | 18.47 | 119.5       | 19.01 | 129.9       | 21.10 |
|        | 29                              | 75.60                        | 14.15 | 94.70       | 17.07 | 116.5       | 20.90 | 120.6       | 21.67 | 125.1       | 22.55 | 132.8       | 24.03 | 153.9       | 29.22 |
|        | 31                              | 85.50                        | 17.83 | 104.3       | 20.81 | 125.8       | 25.20 | 129.8       | 26.04 | 140.9       | 28.62 | 156.9       | 32.57 | 177.6       | 39.15 |
|        | 33                              | 95.90                        | 21.76 | 113.9       | 25.20 | 135.4       | 30.38 | 149.1       | 34.00 | 165.7       | 38.85 | 181.3       | 43.73 | 201.3       | 52.05 |
|        | 35                              | 106.3                        | 26.66 | 123.9       | 30.61 | 158.7       | 40.97 | 173.9       | 46.05 | 190.5       | 52.23 | 205.3       | 58.13 | 224.9       | 68.51 |
|        | 37                              | 106.3                        | 28.37 | 123.9       | 32.64 | 158.7       | 43.69 | 173.9       | 49.12 | 190.5       | 55.68 | 205.3       | 62.01 | 224.9       | 73.07 |
|        | 39                              | 106.3                        | 30.22 | 123.9       | 34.78 | 158.7       | 46.59 | 173.9       | 52.39 | 190.5       | 58.62 | 205.3       | 63.62 | 224.9       | 74.44 |
|        | 41                              | 106.3                        | 32.25 | 123.9       | 37.10 | 158.7       | 49.68 | 173.9       | 54.37 | 190.5       | 59.23 | 205.3       | 65.34 | 224.9       | 77.04 |
|        | 43                              | 106.3                        | 34.42 | 123.9       | 39.60 | 158.7       | 51.00 | 173.9       | 55.43 | 190.2       | 62.41 | 205.4       | 69.69 | 216.1       | 77.18 |
|        | 46                              | 106.3                        | 37.93 | 123.9       | 42.84 | 158.5       | 54.30 | 173.8       | 61.15 | 190.4       | 69.51 | 191.6       | 70.07 | 188.6       | 70.85 |
|        | 48                              | 106.3                        | 40.46 | 123.9       | 45.37 | 158.8       | 59.34 | 172.9       | 66.61 | 174.1       | 67.18 | 174.1       | 67.14 | 172.0       | 67.93 |
|        | 50                              | 106.3                        | 43.17 | 124.0       | 47.75 | 157.6       | 63.43 | 158.2       | 63.69 | 157.9       | 63.62 | 158.1       | 63.68 | 155.6       | 64.25 |
|        | 52                              | 106.3                        | 44.24 | 123.9       | 50.62 | 136.7       | 56.81 | 137.4       | 56.08 | 138.0       | 55.34 | 138.5       | 54.60 | 138.8       | 54.71 |
| 90     | 10                              | 30.70                        | 2.03  | 48.90       | 3.25  | 69.20       | 4.61  | 74.40       | 4.97  | 79.20       | 5.30  | 84.30       | 5.64  | 89.50       | 6.07  |
|        | 12                              | 30.70                        | 1.93  | 48.90       | 3.24  | 69.20       | 4.64  | 74.40       | 4.97  | 79.20       | 5.31  | 84.30       | 5.67  | 89.50       | 6.11  |
|        | 14                              | 30.70                        | 1.83  | 48.90       | 3.10  | 69.20       | 4.55  | 74.40       | 5.01  | 79.20       | 5.37  | 84.30       | 5.74  | 89.50       | 6.18  |
|        | 16                              | 30.70                        | 1.75  | 48.90       | 2.92  | 69.20       | 4.57  | 74.40       | 5.01  | 79.20       | 5.44  | 84.30       | 5.83  | 89.50       | 6.31  |
|        | 18                              | 30.70                        | 1.65  | 48.90       | 2.98  | 69.20       | 4.68  | 74.40       | 5.12  | 79.20       | 5.54  | 84.30       | 6.04  | 89.50       | 6.55  |
|        | 20                              | 30.70                        | 1.71  | 48.90       | 3.11  | 69.20       | 4.99  | 74.40       | 5.48  | 79.20       | 5.95  | 84.30       | 6.49  | 89.50       | 7.33  |
|        | 21                              | 34.40                        | 2.04  | 52.90       | 3.67  | 73.20       | 6.06  | 78.00       | 6.69  | 82.50       | 7.43  | 87.60       | 8.13  | 92.50       | 9.70  |
|        | 23                              | 42.60                        | 6.38  | 60.70       | 8.37  | 80.70       | 10.50 | 85.40       | 10.96 | 89.90       | 11.45 | 94.00       | 11.85 | 98.40       | 12.51 |
|        | 25                              | 51.00                        | 7.97  | 68.50       | 10.08 | 88.40       | 12.59 | 92.90       | 13.25 | 97.30       | 13.79 | 100.7       | 14.22 | 104.7       | 14.87 |
|        | 27                              | 59.50                        | 9.82  | 76.60       | 12.42 | 96.50       | 15.40 | 100.6       | 16.01 | 104.7       | 16.63 | 107.7       | 17.06 | 116.9       | 18.99 |
|        | 29                              | 68.10                        | 12.48 | 85.10       | 15.54 | 104.7       | 18.84 | 108.5       | 19.50 | 112.5       | 20.23 | 119.5       | 21.48 | 138.4       | 25.81 |
|        | 31                              | 77.30                        | 16.33 | 93.70       | 18.91 | 113.2       | 22.57 | 116.9       | 23.29 | 126.9       | 25.42 | 141.3       | 28.70 | 159.8       | 34.18 |
|        | 33                              | 86.20                        | 19.81 | 102.5       | 22.70 | 121.7       | 27.03 | 134.0       | 30.05 | 149.1       | 34.07 | 163.1       | 38.08 | 181.3       | 44.91 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 95.80                        | 24.03 | 111.8       | 27.35 | 142.8       | 35.98 | 156.5       | 40.21 | 171.3       | 45.25 | 185.0       | 50.09 | 202.4       | 58.63 |
|        | 37                              | 95.80                        | 25.55 | 111.8       | 29.13 | 142.8       | 38.38 | 156.5       | 42.86 | 171.3       | 48.25 | 185.0       | 53.41 | 202.4       | 62.57 |
|        | 39                              | 95.80                        | 27.25 | 111.8       | 31.05 | 142.8       | 40.95 | 156.5       | 45.72 | 171.3       | 51.44 | 185.0       | 56.97 | 202.4       | 65.85 |
|        | 41                              | 95.80                        | 29.03 | 111.8       | 33.12 | 142.8       | 43.66 | 156.5       | 48.77 | 171.3       | 54.11 | 185.0       | 58.17 | 202.4       | 66.62 |
|        | 43                              | 95.80                        | 30.99 | 111.8       | 35.36 | 142.8       | 46.56 | 156.5       | 50.67 | 171.3       | 55.22 | 185.0       | 59.78 | 202.5       | 70.29 |
|        | 46                              | 95.80                        | 34.17 | 111.8       | 38.95 | 142.8       | 48.93 | 156.1       | 53.26 | 171.6       | 60.05 | 184.7       | 66.68 | 188.9       | 70.87 |
|        | 48                              | 95.80                        | 36.45 | 111.8       | 41.58 | 142.8       | 52.10 | 156.2       | 58.22 | 171.2       | 65.68 | 174.1       | 67.20 | 172.1       | 68.07 |
|        | 50                              | 95.80                        | 38.93 | 111.8       | 43.67 | 142.8       | 56.08 | 155.5       | 62.40 | 157.9       | 63.58 | 158.2       | 63.64 | 156.2       | 64.38 |
|        | 52                              | 95.80                        | 41.57 | 111.7       | 44.47 | 136.5       | 57.53 | 137.1       | 56.77 | 137.7       | 56.01 | 137.9       | 55.26 | 138.1       | 55.38 |
| 80     | 10                              | 27.00                        | 1.81  | 43.60       | 2.88  | 61.80       | 4.09  | 65.90       | 4.39  | 70.30       | 4.68  | 74.80       | 5.01  | 79.60       | 5.38  |
|        | 12                              | 27.00                        | 1.64  | 43.60       | 2.85  | 61.80       | 4.09  | 65.90       | 4.42  | 70.30       | 4.71  | 74.80       | 5.01  | 79.60       | 5.41  |
|        | 14                              | 27.00                        | 1.56  | 43.60       | 2.71  | 61.80       | 3.99  | 65.90       | 4.30  | 70.30       | 4.63  | 74.80       | 5.04  | 79.60       | 5.44  |
|        | 16                              | 27.00                        | 1.49  | 43.60       | 2.54  | 61.80       | 3.86  | 65.90       | 4.28  | 70.30       | 4.69  | 74.80       | 5.08  | 79.60       | 5.54  |
|        | 18                              | 27.00                        | 1.45  | 43.60       | 2.52  | 61.80       | 3.96  | 65.90       | 4.38  | 70.30       | 4.79  | 74.80       | 5.18  | 79.60       | 5.72  |
|        | 20                              | 27.00                        | 1.42  | 43.60       | 2.60  | 61.80       | 4.17  | 65.90       | 4.62  | 70.30       | 5.09  | 74.80       | 5.52  | 79.60       | 6.23  |
|        | 21                              | 30.70                        | 1.70  | 47.00       | 3.02  | 65.10       | 4.97  | 69.20       | 5.52  | 73.60       | 6.13  | 77.70       | 6.72  | 82.50       | 7.94  |
|        | 23                              | 37.80                        | 5.57  | 54.00       | 7.44  | 71.80       | 9.46  | 75.80       | 10.03 | 79.90       | 10.45 | 83.60       | 10.78 | 87.70       | 11.42 |
|        | 25                              | 45.10                        | 7.15  | 61.00       | 9.01  | 78.80       | 11.36 | 82.50       | 11.82 | 86.60       | 12.43 | 89.50       | 12.88 | 93.20       | 13.54 |
|        | 27                              | 52.90                        | 8.81  | 68.10       | 11.03 | 85.80       | 13.91 | 89.50       | 14.41 | 93.20       | 14.92 | 95.50       | 15.29 | 104.0       | 16.88 |
|        | 29                              | 60.60                        | 11.12 | 75.80       | 13.86 | 93.20       | 16.81 | 96.50       | 17.39 | 100.3       | 18.01 | 106.2       | 19.10 | 123.2       | 22.67 |
|        | 31                              | 68.40                        | 14.40 | 83.30       | 17.03 | 100.6       | 20.15 | 103.6       | 20.74 | 112.8       | 22.49 | 125.5       | 25.16 | 142.1       | 29.62 |
|        | 33                              | 76.60                        | 17.86 | 91.40       | 20.36 | 108.4       | 23.92 | 119.1       | 26.40 | 132.5       | 29.69 | 144.7       | 32.94 | 161.3       | 38.46 |
|        | 35                              | 85.10                        | 21.57 | 99.20       | 24.31 | 126.9       | 31.41 | 139.1       | 34.84 | 152.5       | 38.96 | 164.3       | 42.83 | 180.2       | 49.70 |
|        | 37                              | 85.10                        | 22.92 | 99.20       | 25.87 | 126.9       | 33.48 | 139.1       | 37.16 | 152.5       | 41.51 | 164.3       | 45.67 | 180.2       | 53.00 |
|        | 39                              | 85.10                        | 24.40 | 99.20       | 27.58 | 126.9       | 35.69 | 139.1       | 39.63 | 152.5       | 44.27 | 164.3       | 48.70 | 180.2       | 56.52 |
|        | 41                              | 85.10                        | 26.03 | 99.20       | 29.39 | 126.9       | 38.08 | 139.1       | 42.27 | 152.5       | 47.23 | 164.3       | 51.93 | 180.2       | 59.69 |
|        | 43                              | 85.10                        | 27.77 | 99.20       | 31.38 | 126.9       | 40.62 | 139.1       | 45.04 | 152.5       | 49.78 | 164.3       | 53.52 | 180.2       | 60.97 |
|        | 46                              | 85.10                        | 30.59 | 99.20       | 34.60 | 126.9       | 44.20 | 139.1       | 48.04 | 152.5       | 52.28 | 164.3       | 56.81 | 179.8       | 66.15 |
|        | 48                              | 85.10                        | 32.69 | 99.20       | 36.94 | 126.9       | 46.79 | 139.1       | 50.83 | 152.4       | 56.41 | 164.3       | 62.13 | 172.2       | 68.10 |
|        | 50                              | 85.10                        | 34.92 | 99.20       | 39.44 | 126.9       | 48.99 | 138.8       | 54.28 | 152.4       | 60.71 | 158.3       | 63.66 | 155.6       | 64.30 |
|        | 52                              | 85.10                        | 37.30 | 99.20       | 40.37 | 127.0       | 51.98 | 136.5       | 57.21 | 137.0       | 56.90 | 137.3       | 56.14 | 137.6       | 56.27 |
| 70     | 10                              | 23.70                        | 1.59  | 38.10       | 2.51  | 54.00       | 3.58  | 57.70       | 3.83  | 61.40       | 4.09  | 65.50       | 4.35  | 69.60       | 4.68  |
|        | 12                              | 23.70                        | 1.37  | 38.10       | 2.37  | 54.00       | 3.58  | 57.70       | 3.84  | 61.40       | 4.09  | 65.50       | 4.38  | 69.60       | 4.71  |
|        | 14                              | 23.70                        | 1.34  | 38.10       | 2.30  | 54.00       | 3.39  | 57.70       | 3.69  | 61.40       | 3.99  | 65.50       | 4.26  | 69.60       | 4.63  |
|        | 16                              | 23.70                        | 1.27  | 38.10       | 2.15  | 54.00       | 3.23  | 57.70       | 3.53  | 61.40       | 3.90  | 65.50       | 4.24  | 69.60       | 4.65  |
|        | 18                              | 23.70                        | 1.23  | 38.10       | 2.08  | 54.00       | 3.26  | 57.70       | 3.60  | 61.40       | 3.97  | 65.50       | 4.34  | 69.60       | 4.78  |
|        | 20                              | 23.70                        | 1.19  | 38.10       | 2.11  | 54.00       | 3.40  | 57.70       | 3.80  | 61.40       | 4.17  | 65.50       | 4.58  | 69.60       | 5.16  |
|        | 21                              | 27.00                        | 1.37  | 41.10       | 2.43  | 57.00       | 3.95  | 60.60       | 4.43  | 64.40       | 4.90  | 68.10       | 5.41  | 71.80       | 6.30  |
|        | 23                              | 33.30                        | 4.66  | 47.00       | 6.32  | 62.90       | 8.40  | 66.20       | 8.89  | 69.90       | 9.36  | 73.20       | 9.75  | 76.60       | 10.32 |
|        | 25                              | 39.60                        | 6.37  | 53.30       | 8.00  | 68.80       | 10.01 | 72.10       | 10.56 | 75.50       | 11.03 | 78.40       | 11.41 | 81.40       | 12.05 |
|        | 27                              | 46.30                        | 7.72  | 59.60       | 9.69  | 75.10       | 12.04 | 78.40       | 12.69 | 81.40       | 13.37 | 83.60       | 13.65 | 91.00       | 14.92 |
|        | 29                              | 53.20                        | 9.65  | 66.20       | 12.02 | 81.40       | 14.94 | 84.40       | 15.41 | 87.70       | 15.91 | 92.90       | 16.78 | 107.7       | 19.79 |
|        | 31                              | 60.00                        | 12.36 | 72.90       | 15.25 | 88.10       | 17.87 | 90.70       | 18.38 | 98.40       | 19.79 | 109.9       | 21.94 | 124.3       | 25.49 |
|        | 33                              | 67.30                        | 15.83 | 79.60       | 18.11 | 94.70       | 21.03 | 104.3       | 23.04 | 115.8       | 25.67 | 126.9       | 28.24 | 141.0       | 32.66 |
|        | 35                              | 74.70                        | 19.20 | 86.60       | 21.49 | 111.0       | 27.21 | 121.7       | 29.95 | 133.2       | 33.20 | 143.6       | 36.27 | 157.3       | 41.71 |
|        | 37                              | 74.70                        | 20.40 | 86.60       | 22.84 | 111.0       | 28.95 | 121.7       | 31.91 | 133.2       | 35.41 | 143.6       | 38.66 | 157.3       | 44.44 |
|        | 39                              | 74.70                        | 21.70 | 86.60       | 24.32 | 111.0       | 30.90 | 121.7       | 34.04 | 133.2       | 37.74 | 143.6       | 41.24 | 157.3       | 47.38 |
|        | 41                              | 74.70                        | 23.14 | 86.60       | 25.95 | 111.0       | 32.94 | 121.7       | 36.33 | 133.2       | 40.27 | 143.6       | 43.99 | 157.3       | 50.53 |
|        | 43                              | 74.70                        | 24.73 | 86.60       | 27.69 | 111.0       | 35.15 | 121.7       | 38.72 | 133.2       | 42.92 | 143.6       | 46.89 | 157.3       | 53.87 |
|        | 46                              | 74.70                        | 27.26 | 86.60       | 30.51 | 111.0       | 38.76 | 121.7       | 42.66 | 133.2       | 46.52 | 143.6       | 49.93 | 157.3       | 56.57 |
|        | 48                              | 74.70                        | 29.14 | 86.60       | 32.60 | 111.0       | 41.36 | 121.7       | 45.52 | 133.2       | 49.25 | 143.6       | 52.81 | 157.6       | 60.42 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 74.70                        | 31.12 | 86.60       | 34.84 | 111.0       | 44.11 | 121.7       | 47.43 | 133.3       | 51.75 | 143.9       | 56.55 | 156.0       | 64.38 |
|        | 52                               | 74.70                        | 33.28 | 86.60       | 37.18 | 111.0       | 43.85 | 121.7       | 49.05 | 133.2       | 55.40 | 136.8       | 57.35 | 136.7       | 57.47 |
| 60     | 10                               | 20.30                        | 1.36  | 32.60       | 2.14  | 46.20       | 3.06  | 49.60       | 3.28  | 52.90       | 3.50  | 56.20       | 3.72  | 59.60       | 4.01  |
|        | 12                               | 20.30                        | 1.19  | 32.60       | 1.92  | 46.20       | 2.93  | 49.60       | 3.25  | 52.90       | 3.50  | 56.20       | 3.72  | 59.60       | 4.02  |
|        | 14                               | 20.30                        | 1.11  | 32.60       | 1.85  | 46.20       | 2.82  | 49.60       | 3.08  | 52.90       | 3.34  | 56.20       | 3.57  | 59.60       | 3.87  |
|        | 16                               | 20.30                        | 1.08  | 32.60       | 1.78  | 46.20       | 2.67  | 49.60       | 2.90  | 52.90       | 3.16  | 56.20       | 3.39  | 59.60       | 3.74  |
|        | 18                               | 20.30                        | 1.04  | 32.60       | 1.71  | 46.20       | 2.59  | 49.60       | 2.88  | 52.90       | 3.15  | 56.20       | 3.48  | 59.60       | 3.82  |
|        | 20                               | 20.30                        | 0.97  | 32.60       | 1.70  | 46.20       | 2.69  | 49.60       | 2.99  | 52.90       | 3.32  | 56.20       | 3.66  | 59.60       | 4.09  |
|        | 21                               | 22.90                        | 1.11  | 35.10       | 1.88  | 48.80       | 3.07  | 51.80       | 3.41  | 55.10       | 3.81  | 58.40       | 4.17  | 61.80       | 4.85  |
|        | 23                               | 28.50                        | 3.11  | 40.30       | 5.04  | 54.00       | 7.23  | 56.90       | 7.78  | 59.90       | 8.19  | 62.60       | 8.53  | 65.80       | 9.07  |
|        | 25                               | 35.20                        | 5.78  | 45.80       | 6.97  | 59.20       | 8.59  | 61.80       | 9.11  | 64.80       | 9.58  | 67.30       | 9.99  | 69.90       | 10.50 |
|        | 27                               | 39.60                        | 6.75  | 51.10       | 8.30  | 64.40       | 10.29 | 67.00       | 10.87 | 69.90       | 11.37 | 71.80       | 11.83 | 78.10       | 12.97 |
|        | 29                               | 45.50                        | 8.30  | 56.60       | 10.20 | 69.90       | 12.63 | 72.50       | 13.35 | 75.10       | 13.99 | 79.60       | 14.68 | 92.50       | 17.03 |
|        | 31                               | 51.40                        | 10.52 | 62.50       | 12.93 | 75.40       | 15.68 | 77.70       | 16.11 | 84.70       | 17.28 | 94.30       | 18.98 | 106.6       | 21.76 |
|        | 33                               | 57.70                        | 13.64 | 68.40       | 15.94 | 81.30       | 18.36 | 89.50       | 20.00 | 99.50       | 22.05 | 108.8       | 24.03 | 121.0       | 27.43 |
|        | 35                               | 64.00                        | 16.71 | 74.30       | 18.77 | 95.10       | 23.36 | 104.3       | 25.49 | 114.3       | 28.01 | 123.2       | 30.39 | 135.1       | 34.56 |
|        | 37                               | 64.00                        | 17.70 | 74.30       | 19.93 | 95.10       | 24.85 | 104.3       | 27.16 | 114.3       | 29.86 | 123.2       | 32.38 | 135.1       | 36.82 |
|        | 39                               | 64.00                        | 18.95 | 74.30       | 21.23 | 95.10       | 26.51 | 104.3       | 28.94 | 114.3       | 31.82 | 123.2       | 34.55 | 135.1       | 39.28 |
|        | 41                               | 64.00                        | 20.18 | 74.30       | 22.61 | 95.10       | 28.26 | 104.3       | 30.89 | 114.3       | 33.96 | 123.2       | 36.84 | 135.1       | 41.89 |
|        | 43                               | 64.00                        | 21.51 | 74.30       | 24.16 | 95.10       | 30.14 | 104.3       | 32.95 | 114.3       | 36.21 | 123.2       | 39.30 | 135.1       | 44.68 |
|        | 46                               | 64.00                        | 23.75 | 74.30       | 26.71 | 95.10       | 33.25 | 104.3       | 36.32 | 114.3       | 39.93 | 123.2       | 43.28 | 135.1       | 49.20 |
|        | 48                               | 64.00                        | 25.42 | 74.30       | 28.54 | 95.10       | 35.51 | 104.3       | 38.77 | 114.3       | 42.57 | 123.2       | 46.15 | 135.1       | 51.84 |
|        | 50                               | 64.00                        | 27.24 | 74.30       | 30.53 | 95.10       | 37.90 | 104.3       | 41.37 | 114.3       | 45.43 | 123.2       | 48.38 | 135.1       | 54.27 |
|        | 52                               | 64.00                        | 29.28 | 74.30       | 32.62 | 95.10       | 40.43 | 104.3       | 42.38 | 114.4       | 45.19 | 123.2       | 49.72 | 135.0       | 57.21 |
| 50     | 10                               | 17.00                        | 1.30  | 27.10       | 1.80  | 38.50       | 2.54  | 41.10       | 2.70  | 44.00       | 2.91  | 47.00       | 3.10  | 49.90       | 3.32  |
|        | 12                               | 17.00                        | 1.14  | 27.10       | 1.58  | 38.50       | 2.29  | 41.10       | 2.55  | 44.00       | 2.77  | 47.00       | 3.00  | 49.90       | 3.29  |
|        | 14                               | 17.00                        | 1.04  | 27.10       | 1.47  | 38.50       | 2.21  | 41.10       | 2.44  | 44.00       | 2.63  | 47.00       | 2.86  | 49.90       | 3.14  |
|        | 16                               | 17.00                        | 1.01  | 27.10       | 1.44  | 38.50       | 2.14  | 41.10       | 2.30  | 44.00       | 2.52  | 47.00       | 2.75  | 49.90       | 2.97  |
|        | 18                               | 17.00                        | 0.94  | 27.10       | 1.37  | 38.50       | 2.03  | 41.10       | 2.22  | 44.00       | 2.41  | 47.00       | 2.66  | 49.90       | 2.92  |
|        | 20                               | 17.00                        | 0.91  | 27.10       | 1.33  | 38.50       | 2.03  | 41.10       | 2.25  | 44.00       | 2.51  | 47.00       | 2.76  | 49.90       | 3.09  |
|        | 21                               | 19.20                        | 0.92  | 29.30       | 1.44  | 40.70       | 2.27  | 43.30       | 2.53  | 45.90       | 2.79  | 48.80       | 3.08  | 51.40       | 3.51  |
|        | 23                               | 23.70                        | 2.03  | 33.70       | 3.20  | 44.80       | 5.76  | 47.40       | 6.21  | 50.00       | 6.69  | 52.20       | 7.14  | 54.80       | 7.74  |
|        | 25                               | 33.00                        | 5.48  | 38.10       | 5.97  | 49.20       | 7.30  | 51.50       | 7.69  | 54.00       | 8.09  | 55.90       | 8.43  | 58.10       | 8.89  |
|        | 27                               | 33.60                        | 6.00  | 42.60       | 7.02  | 53.70       | 8.63  | 55.90       | 9.05  | 58.10       | 9.55  | 59.90       | 9.91  | 65.10       | 10.82 |
|        | 29                               | 37.80                        | 7.15  | 47.40       | 8.59  | 58.10       | 10.44 | 60.30       | 10.96 | 62.60       | 11.54 | 66.60       | 12.36 | 77.00       | 14.33 |
|        | 31                               | 42.90                        | 8.87  | 51.90       | 10.57 | 62.90       | 13.02 | 64.80       | 13.71 | 70.30       | 14.84 | 78.40       | 16.22 | 88.80       | 18.39 |
|        | 33                               | 47.80                        | 11.39 | 57.00       | 13.56 | 67.70       | 15.67 | 74.40       | 17.06 | 82.90       | 18.69 | 90.60       | 20.22 | 100.7       | 22.78 |
|        | 35                               | 53.30                        | 14.37 | 61.90       | 15.95 | 79.50       | 19.85 | 86.90       | 21.49 | 95.10       | 23.36 | 102.8       | 25.12 | 112.5       | 28.23 |
|        | 37                               | 53.30                        | 15.44 | 61.90       | 17.08 | 79.50       | 21.08 | 86.90       | 22.87 | 95.10       | 24.88 | 102.8       | 26.75 | 112.5       | 30.08 |
|        | 39                               | 53.30                        | 16.32 | 61.90       | 18.10 | 79.50       | 22.46 | 86.90       | 24.33 | 95.10       | 26.52 | 102.8       | 28.53 | 112.5       | 32.08 |
|        | 41                               | 53.30                        | 17.30 | 61.90       | 19.24 | 79.50       | 23.94 | 86.90       | 25.95 | 95.10       | 28.26 | 102.8       | 30.42 | 112.5       | 34.19 |
|        | 43                               | 53.30                        | 18.37 | 61.90       | 20.51 | 79.50       | 25.57 | 86.90       | 27.68 | 95.10       | 30.17 | 102.8       | 32.47 | 112.5       | 36.47 |
|        | 46                               | 53.30                        | 20.20 | 61.90       | 22.65 | 79.50       | 28.21 | 86.90       | 30.54 | 95.10       | 33.28 | 102.8       | 35.77 | 112.5       | 40.17 |
|        | 48                               | 53.30                        | 21.56 | 61.90       | 24.21 | 79.50       | 30.12 | 86.90       | 32.63 | 95.10       | 35.49 | 102.8       | 38.19 | 112.5       | 42.88 |
|        | 50                               | 53.30                        | 23.09 | 61.90       | 25.94 | 79.50       | 32.21 | 86.90       | 34.84 | 95.10       | 37.90 | 102.8       | 40.75 | 112.5       | 45.73 |
|        | 52                               | 53.30                        | 24.74 | 61.90       | 27.84 | 79.50       | 34.40 | 86.90       | 37.22 | 95.10       | 40.47 | 102.8       | 41.94 | 112.5       | 46.82 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM760LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 45.20                        | 3.11  | 72.60       | 4.99  | 103.0       | 7.16  | 110.2       | 7.72  | 117.4       | 8.17  | 125.0       | 8.78  | 133.0       | 9.53  |
|        | 12                               | 45.20                        | 3.11  | 72.60       | 5.02  | 103.0       | 7.23  | 110.2       | 7.79  | 117.4       | 8.29  | 125.0       | 8.90  | 133.0       | 9.72  |
|        | 14                               | 45.20                        | 3.00  | 72.60       | 5.02  | 103.0       | 7.30  | 110.2       | 7.89  | 117.4       | 8.34  | 125.0       | 9.07  | 133.0       | 9.98  |
|        | 16                               | 45.20                        | 2.96  | 72.60       | 5.08  | 103.0       | 7.51  | 110.2       | 8.02  | 117.4       | 8.60  | 125.0       | 9.36  | 133.0       | 10.44 |
|        | 18                               | 45.20                        | 2.99  | 72.60       | 5.15  | 103.0       | 7.79  | 110.2       | 8.43  | 117.4       | 9.15  | 125.0       | 10.02 | 133.0       | 11.43 |
|        | 20                               | 45.20                        | 3.10  | 72.60       | 5.48  | 103.0       | 8.71  | 110.2       | 9.51  | 117.4       | 10.57 | 125.0       | 11.93 | 133.0       | 13.89 |
|        | 21                               | 51.30                        | 3.89  | 78.30       | 6.89  | 108.3       | 11.63 | 115.5       | 12.39 | 122.7       | 13.40 | 129.6       | 14.46 | 137.2       | 15.66 |
|        | 23                               | 63.10                        | 9.13  | 89.70       | 11.67 | 119.7       | 14.85 | 126.5       | 15.58 | 133.4       | 16.90 | 139.5       | 17.76 | 146.3       | 19.17 |
|        | 25                               | 75.60                        | 11.50 | 101.8       | 14.55 | 131.5       | 18.63 | 137.9       | 19.65 | 144.4       | 21.11 | 149.4       | 22.05 | 155.4       | 23.70 |
|        | 27                               | 88.20                        | 14.74 | 114.0       | 18.41 | 143.3       | 23.72 | 149.3       | 25.24 | 155.5       | 26.53 | 159.6       | 27.40 | 173.6       | 31.31 |
|        | 29                               | 101.1                        | 18.91 | 126.2       | 23.38 | 155.4       | 29.61 | 161.1       | 30.96 | 166.8       | 32.41 | 177.1       | 34.98 | 205.3       | 44.05 |
|        | 31                               | 114.4                        | 23.80 | 139.1       | 28.94 | 168.0       | 36.39 | 173.3       | 37.89 | 188.1       | 42.35 | 209.7       | 49.34 | 237.1       | 60.75 |
|        | 33                               | 128.1                        | 29.92 | 152.1       | 35.88 | 180.9       | 44.74 | 198.8       | 51.06 | 221.2       | 59.58 | 242.1       | 67.66 | 268.7       | 81.40 |
|        | 35                               | 141.8                        | 37.68 | 165.7       | 44.46 | 212.0       | 62.33 | 232.2       | 70.69 | 254.2       | 80.93 | 274.0       | 90.15 | 296.1       | 100.8 |
|        | 37                               | 141.8                        | 40.19 | 165.7       | 47.42 | 212.0       | 66.33 | 231.8       | 74.55 | 254.5       | 85.48 | 274.0       | 94.59 | 279.3       | 98.37 |
|        | 39                               | 141.8                        | 42.85 | 165.7       | 50.56 | 211.7       | 67.64 | 231.9       | 76.91 | 254.3       | 88.46 | 263.3       | 92.57 | 260.1       | 93.69 |
|        | 41                               | 141.8                        | 45.69 | 165.7       | 52.87 | 212.0       | 69.94 | 231.9       | 79.70 | 243.5       | 85.77 | 243.5       | 85.77 | 240.3       | 86.65 |
|        | 43                               | 141.8                        | 48.46 | 165.7       | 53.48 | 212.0       | 73.63 | 224.2       | 79.99 | 224.4       | 79.93 | 224.0       | 79.88 | 221.6       | 80.97 |
|        | 46                               | 141.8                        | 51.28 | 165.7       | 57.76 | 197.1       | 73.14 | 196.8       | 73.08 | 197.1       | 73.05 | 196.8       | 73.12 | 194.4       | 73.79 |
|        | 48                               | 141.8                        | 53.96 | 165.6       | 62.90 | 179.8       | 70.33 | 180.1       | 70.55 | 180.5       | 70.64 | 179.4       | 70.23 | 177.4       | 71.07 |
|        | 50                               | 142.1                        | 57.16 | 163.6       | 66.50 | 163.3       | 66.42 | 163.4       | 66.50 | 163.3       | 66.42 | 163.0       | 66.35 | 161.0       | 67.21 |
|        | 52                               | 140.2                        | 60.20 | 142.8       | 58.43 | 144.6       | 56.11 | 144.9       | 55.56 | 145.6       | 55.09 | 145.8       | 54.68 | 145.7       | 55.05 |
| 120    | 10                               | 41.80                        | 2.87  | 67.20       | 4.59  | 95.00       | 6.59  | 101.8       | 7.08  | 108.3       | 7.59  | 115.5       | 8.05  | 122.7       | 8.65  |
|        | 12                               | 41.80                        | 2.88  | 67.20       | 4.60  | 95.00       | 6.63  | 101.8       | 7.14  | 108.3       | 7.66  | 115.5       | 8.15  | 122.7       | 8.80  |
|        | 14                               | 41.80                        | 2.75  | 67.20       | 4.63  | 95.00       | 6.70  | 101.8       | 7.22  | 108.3       | 7.77  | 115.5       | 8.24  | 122.7       | 8.95  |
|        | 16                               | 41.80                        | 2.65  | 67.20       | 4.59  | 95.00       | 6.84  | 101.8       | 7.40  | 108.3       | 7.87  | 115.5       | 8.37  | 122.7       | 9.28  |
|        | 18                               | 41.80                        | 2.69  | 67.20       | 4.70  | 95.00       | 7.14  | 101.8       | 7.67  | 108.3       | 8.21  | 115.5       | 8.89  | 122.7       | 9.98  |
|        | 20                               | 41.80                        | 2.76  | 67.20       | 4.94  | 95.00       | 7.81  | 101.8       | 8.58  | 108.3       | 9.25  | 115.5       | 10.27 | 122.7       | 12.10 |
|        | 21                               | 47.20                        | 3.42  | 72.20       | 6.10  | 100.3       | 10.36 | 106.7       | 11.43 | 113.3       | 12.08 | 119.7       | 12.99 | 126.9       | 14.42 |
|        | 23                               | 58.50                        | 8.61  | 82.90       | 10.97 | 110.6       | 13.87 | 116.7       | 14.52 | 123.1       | 15.15 | 128.8       | 16.13 | 134.9       | 17.49 |
|        | 25                               | 69.90                        | 10.68 | 93.90       | 13.61 | 121.2       | 17.16 | 127.2       | 18.02 | 133.4       | 18.88 | 137.9       | 20.02 | 143.3       | 21.46 |
|        | 27                               | 81.30                        | 13.69 | 105.2       | 16.95 | 132.2       | 21.77 | 137.9       | 22.65 | 143.6       | 24.04 | 147.4       | 24.85 | 160.3       | 28.21 |
|        | 29                               | 93.40                        | 17.52 | 116.7       | 21.36 | 143.6       | 26.93 | 148.6       | 28.08 | 154.3       | 29.34 | 163.7       | 31.58 | 189.6       | 39.37 |
|        | 31                               | 105.6                        | 21.99 | 128.4       | 26.37 | 155.0       | 32.92 | 159.9       | 34.19 | 173.7       | 38.02 | 193.4       | 44.04 | 218.9       | 54.11 |
|        | 33                               | 118.2                        | 27.34 | 140.6       | 32.57 | 166.8       | 40.25 | 183.5       | 45.69 | 204.4       | 53.07 | 223.4       | 60.38 | 248.2       | 72.12 |
|        | 35                               | 131.1                        | 34.29 | 153.1       | 40.17 | 195.7       | 55.69 | 214.2       | 63.20 | 234.8       | 71.92 | 253.1       | 80.38 | 276.8       | 92.78 |
|        | 37                               | 131.1                        | 36.57 | 153.1       | 42.86 | 195.7       | 59.38 | 214.3       | 67.31 | 234.8       | 75.86 | 253.1       | 84.87 | 275.9       | 97.16 |
|        | 39                               | 131.1                        | 38.99 | 153.1       | 45.68 | 195.7       | 61.61 | 214.0       | 68.62 | 234.8       | 78.26 | 253.1       | 87.79 | 260.1       | 93.33 |
|        | 41                               | 131.1                        | 41.57 | 153.1       | 48.72 | 195.7       | 62.76 | 214.0       | 70.99 | 234.8       | 81.16 | 243.2       | 85.77 | 240.4       | 86.68 |
|        | 43                               | 131.1                        | 44.34 | 153.1       | 49.93 | 195.7       | 65.94 | 214.3       | 74.75 | 224.4       | 79.94 | 224.4       | 79.94 | 221.2       | 80.79 |
|        | 46                               | 131.1                        | 48.18 | 152.8       | 52.12 | 195.7       | 72.38 | 197.1       | 73.11 | 196.8       | 73.04 | 196.8       | 73.05 | 194.7       | 73.88 |
|        | 48                               | 131.1                        | 50.50 | 153.1       | 56.75 | 180.0       | 70.43 | 179.8       | 70.37 | 179.5       | 70.36 | 179.5       | 70.24 | 177.5       | 71.18 |
|        | 50                               | 131.1                        | 52.52 | 153.1       | 60.96 | 163.4       | 66.46 | 163.4       | 66.42 | 163.2       | 66.48 | 162.1       | 66.11 | 161.3       | 67.23 |
|        | 52                               | 131.1                        | 54.82 | 142.2       | 59.36 | 144.0       | 56.99 | 144.3       | 56.55 | 144.6       | 56.08 | 144.9       | 55.67 | 144.8       | 56.21 |
| 110    | 10                               | 38.40                        | 2.61  | 61.50       | 4.20  | 87.00       | 6.00  | 93.10       | 6.47  | 99.20       | 6.91  | 105.7       | 7.39  | 112.5       | 7.95  |
|        | 12                               | 38.40                        | 2.60  | 61.50       | 4.20  | 87.00       | 6.03  | 93.10       | 6.51  | 99.20       | 6.95  | 105.7       | 7.46  | 112.5       | 8.06  |
|        | 14                               | 38.40                        | 2.47  | 61.50       | 4.13  | 87.00       | 6.10  | 93.10       | 6.55  | 99.20       | 7.03  | 105.7       | 7.54  | 112.5       | 8.17  |
|        | 16                               | 38.40                        | 2.37  | 61.50       | 4.13  | 87.00       | 6.20  | 93.10       | 6.69  | 99.20       | 7.20  | 105.7       | 7.66  | 112.5       | 8.34  |
|        | 18                               | 38.40                        | 2.37  | 61.50       | 4.19  | 87.00       | 6.41  | 93.10       | 6.98  | 99.20       | 7.44  | 105.7       | 8.03  | 112.5       | 8.83  |
|        | 20                               | 38.40                        | 2.44  | 61.50       | 4.37  | 87.00       | 6.95  | 93.10       | 7.61  | 99.20       | 8.28  | 105.7       | 9.00  | 112.5       | 10.28 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 43.30                        | 2.97  | 66.20       | 5.33  | 91.90       | 8.92  | 97.70       | 9.97  | 103.7       | 10.96 | 109.8       | 11.75 | 116.2       | 12.93 |
|        | 23                               | 53.60                        | 7.98  | 76.00       | 10.25 | 101.4       | 12.89 | 107.1       | 13.45 | 112.8       | 14.03 | 117.9       | 14.56 | 123.5       | 15.58 |
|        | 25                               | 63.90                        | 9.92  | 85.90       | 12.51 | 111.3       | 15.71 | 116.7       | 16.52 | 122.0       | 17.22 | 126.5       | 17.85 | 131.5       | 19.16 |
|        | 27                               | 74.50                        | 12.50 | 96.20       | 15.63 | 121.2       | 19.74 | 126.2       | 20.49 | 131.5       | 21.44 | 134.9       | 22.05 | 146.7       | 25.37 |
|        | 29                               | 85.50                        | 16.16 | 106.8       | 19.54 | 131.5       | 24.44 | 136.4       | 25.40 | 141.3       | 26.50 | 149.8       | 28.39 | 173.7       | 35.03 |
|        | 31                               | 96.90                        | 20.23 | 117.5       | 24.00 | 142.1       | 29.65 | 146.7       | 30.76 | 159.2       | 34.03 | 177.5       | 39.12 | 200.6       | 47.65 |
|        | 33                               | 108.3                        | 24.99 | 128.8       | 29.39 | 152.8       | 36.05 | 168.3       | 40.69 | 187.3       | 46.96 | 204.5       | 53.26 | 227.3       | 63.58 |
|        | 35                               | 120.1                        | 30.93 | 140.2       | 36.15 | 179.3       | 49.38 | 196.4       | 55.97 | 215.1       | 63.64 | 231.8       | 70.75 | 253.9       | 83.17 |
|        | 37                               | 120.1                        | 33.14 | 140.2       | 38.53 | 179.3       | 52.66 | 196.4       | 59.69 | 215.1       | 67.77 | 231.9       | 75.39 | 254.2       | 87.94 |
|        | 39                               | 120.1                        | 35.34 | 140.2       | 41.11 | 179.3       | 56.15 | 196.4       | 62.32 | 215.1       | 69.18 | 231.8       | 76.95 | 254.2       | 90.60 |
|        | 41                               | 120.1                        | 37.68 | 140.2       | 43.84 | 179.3       | 57.85 | 196.4       | 63.12 | 215.4       | 71.50 | 231.8       | 79.73 | 240.4       | 86.71 |
|        | 43                               | 120.1                        | 40.21 | 140.2       | 46.26 | 179.3       | 58.55 | 196.1       | 66.23 | 215.4       | 75.30 | 224.1       | 79.99 | 221.7       | 80.91 |
|        | 46                               | 120.1                        | 43.95 | 140.2       | 48.13 | 179.0       | 64.32 | 196.1       | 72.71 | 197.1       | 73.15 | 196.7       | 73.07 | 194.3       | 73.91 |
|        | 48                               | 120.1                        | 46.62 | 140.2       | 51.04 | 179.3       | 70.07 | 179.5       | 70.26 | 180.1       | 70.42 | 179.5       | 70.32 | 177.2       | 71.07 |
|        | 50                               | 120.1                        | 48.85 | 139.9       | 54.79 | 163.3       | 66.54 | 163.3       | 66.50 | 163.3       | 66.50 | 163.3       | 66.39 | 161.3       | 67.21 |
|        | 52                               | 120.4                        | 49.10 | 139.9       | 59.12 | 143.1       | 58.17 | 143.3       | 57.65 | 143.7       | 57.23 | 142.6       | 56.58 | 144.2       | 56.93 |
| 100    | 10                               | 34.90                        | 2.37  | 55.90       | 3.81  | 79.10       | 5.45  | 84.70       | 5.84  | 90.40       | 6.24  | 96.10       | 6.67  | 102.2       | 7.19  |
|        | 12                               | 34.90                        | 2.34  | 55.90       | 3.81  | 79.10       | 5.45  | 84.70       | 5.88  | 90.40       | 6.27  | 96.10       | 6.71  | 102.2       | 7.26  |
|        | 14                               | 34.90                        | 2.23  | 55.90       | 3.68  | 79.10       | 5.49  | 84.70       | 5.91  | 90.40       | 6.34  | 96.10       | 6.79  | 102.2       | 7.34  |
|        | 16                               | 34.90                        | 2.08  | 55.90       | 3.62  | 79.10       | 5.52  | 84.70       | 6.02  | 90.40       | 6.45  | 96.10       | 6.93  | 102.2       | 7.55  |
|        | 18                               | 34.90                        | 2.05  | 55.90       | 3.69  | 79.10       | 5.66  | 84.70       | 6.16  | 90.40       | 6.71  | 96.10       | 7.19  | 102.2       | 7.90  |
|        | 20                               | 34.90                        | 2.13  | 55.90       | 3.83  | 79.10       | 6.09  | 84.70       | 6.67  | 90.40       | 7.27  | 96.10       | 7.93  | 102.2       | 9.04  |
|        | 21                               | 39.50                        | 2.58  | 60.40       | 4.57  | 83.60       | 7.61  | 88.90       | 8.47  | 94.30       | 9.37  | 99.90       | 10.29 | 105.7       | 11.74 |
|        | 23                               | 48.60                        | 7.42  | 69.20       | 9.44  | 92.30       | 11.88 | 97.30       | 12.42 | 102.6       | 12.98 | 107.2       | 13.46 | 112.5       | 14.29 |
|        | 25                               | 58.10                        | 9.05  | 78.30       | 11.51 | 101.1       | 14.50 | 106.0       | 15.12 | 111.0       | 15.74 | 115.1       | 16.23 | 119.4       | 17.22 |
|        | 27                               | 67.70                        | 11.36 | 87.70       | 14.36 | 110.2       | 17.74 | 114.8       | 18.64 | 119.7       | 19.47 | 122.7       | 20.05 | 133.4       | 22.32 |
|        | 29                               | 77.60                        | 14.66 | 97.30       | 17.79 | 119.7       | 21.93 | 123.9       | 22.90 | 128.5       | 23.85 | 136.4       | 25.44 | 158.1       | 31.01 |
|        | 31                               | 87.80                        | 18.54 | 107.1       | 21.77 | 129.2       | 26.62 | 133.3       | 27.53 | 144.8       | 30.33 | 161.1       | 34.58 | 182.4       | 41.70 |
|        | 33                               | 98.40                        | 22.71 | 117.1       | 26.47 | 139.1       | 32.18 | 153.1       | 36.08 | 170.2       | 41.32 | 186.1       | 46.59 | 206.8       | 55.61 |
|        | 35                               | 109.1                        | 27.94 | 127.3       | 32.37 | 163.0       | 43.55 | 178.6       | 49.03 | 195.7       | 55.72 | 210.9       | 61.93 | 231.1       | 72.28 |
|        | 37                               | 109.1                        | 29.79 | 127.3       | 34.52 | 163.0       | 46.44 | 178.6       | 52.31 | 195.7       | 59.41 | 210.9       | 65.93 | 231.1       | 77.05 |
|        | 39                               | 109.1                        | 31.89 | 127.3       | 36.79 | 163.0       | 49.53 | 178.6       | 55.79 | 195.7       | 62.64 | 210.9       | 67.68 | 231.1       | 78.67 |
|        | 41                               | 109.1                        | 34.03 | 127.3       | 39.25 | 163.0       | 52.81 | 178.6       | 58.02 | 195.7       | 63.45 | 210.9       | 69.54 | 231.1       | 81.57 |
|        | 43                               | 109.1                        | 36.32 | 127.3       | 41.76 | 163.0       | 53.75 | 178.6       | 58.67 | 195.4       | 66.00 | 210.9       | 73.16 | 222.0       | 80.98 |
|        | 46                               | 109.1                        | 39.91 | 127.3       | 44.52 | 162.7       | 56.57 | 178.6       | 63.89 | 195.6       | 72.35 | 197.3       | 73.13 | 194.4       | 73.87 |
|        | 48                               | 109.1                        | 42.35 | 127.3       | 46.87 | 163.0       | 61.54 | 178.2       | 69.64 | 179.8       | 70.36 | 179.8       | 70.28 | 177.4       | 71.04 |
|        | 50                               | 109.1                        | 44.79 | 127.3       | 49.11 | 163.0       | 66.24 | 163.6       | 66.49 | 163.4       | 66.47 | 163.6       | 66.51 | 161.0       | 67.14 |
|        | 52                               | 109.1                        | 45.07 | 127.4       | 52.26 | 141.4       | 59.32 | 142.5       | 58.80 | 143.1       | 58.04 | 143.8       | 57.35 | 143.9       | 57.47 |
| 90     | 10                               | 31.50                        | 2.14  | 50.20       | 3.42  | 71.10       | 4.87  | 76.30       | 5.25  | 81.30       | 5.60  | 86.60       | 5.96  | 92.00       | 6.43  |
|        | 12                               | 31.50                        | 2.03  | 50.20       | 3.42  | 71.10       | 4.90  | 76.30       | 5.25  | 81.30       | 5.61  | 86.60       | 6.00  | 92.00       | 6.47  |
|        | 14                               | 31.50                        | 1.92  | 50.20       | 3.25  | 71.10       | 4.80  | 76.30       | 5.29  | 81.30       | 5.68  | 86.60       | 6.07  | 92.00       | 6.54  |
|        | 16                               | 31.50                        | 1.84  | 50.20       | 3.08  | 71.10       | 4.83  | 76.30       | 5.30  | 81.30       | 5.75  | 86.60       | 6.16  | 92.00       | 6.69  |
|        | 18                               | 31.50                        | 1.74  | 50.20       | 3.15  | 71.10       | 4.93  | 76.30       | 5.39  | 81.30       | 5.84  | 86.60       | 6.37  | 92.00       | 6.95  |
|        | 20                               | 31.50                        | 1.81  | 50.20       | 3.29  | 71.10       | 5.25  | 76.30       | 5.79  | 81.30       | 6.28  | 86.60       | 6.88  | 92.00       | 7.79  |
|        | 21                               | 35.40                        | 2.16  | 54.30       | 3.88  | 75.20       | 6.39  | 80.10       | 7.09  | 84.80       | 7.87  | 90.00       | 8.64  | 95.00       | 10.34 |
|        | 23                               | 43.70                        | 6.78  | 62.30       | 8.64  | 82.80       | 10.87 | 87.70       | 11.42 | 92.30       | 11.91 | 96.50       | 12.38 | 101.1       | 13.09 |
|        | 25                               | 52.40                        | 8.26  | 70.30       | 10.43 | 90.80       | 13.12 | 95.40       | 13.78 | 99.90       | 14.31 | 103.4       | 14.86 | 107.6       | 15.61 |
|        | 27                               | 61.10                        | 10.17 | 78.70       | 12.90 | 99.20       | 16.02 | 103.3       | 16.67 | 107.5       | 17.37 | 110.6       | 17.94 | 120.1       | 20.02 |
|        | 29                               | 69.90                        | 12.98 | 87.40       | 16.13 | 107.5       | 19.71 | 111.4       | 20.44 | 115.5       | 21.33 | 122.7       | 22.69 | 142.2       | 27.33 |
|        | 31                               | 79.40                        | 16.92 | 96.20       | 19.70 | 116.2       | 23.70 | 120.0       | 24.58 | 130.3       | 26.87 | 145.2       | 30.41 | 164.2       | 36.32 |
|        | 33                               | 88.50                        | 20.62 | 105.3       | 23.77 | 125.0       | 28.55 | 137.6       | 31.82 | 153.1       | 36.16 | 167.6       | 40.49 | 186.2       | 47.87 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 98.40                        | 25.10 | 114.8       | 28.74 | 146.7       | 38.15 | 160.7       | 42.72 | 175.9       | 48.16 | 190.0       | 53.39 | 207.9       | 62.39 |
|        | 37                               | 98.40                        | 26.74 | 114.8       | 30.75 | 146.7       | 40.70 | 160.7       | 45.54 | 175.9       | 51.37 | 190.0       | 56.96 | 207.9       | 66.45 |
|        | 39                               | 98.40                        | 28.58 | 114.8       | 32.79 | 146.7       | 43.42 | 160.7       | 48.58 | 175.9       | 54.77 | 190.0       | 60.77 | 207.9       | 69.86 |
|        | 41                               | 98.40                        | 30.48 | 114.8       | 34.97 | 146.7       | 46.32 | 160.7       | 51.83 | 175.9       | 57.67 | 190.0       | 62.26 | 207.9       | 70.75 |
|        | 43                               | 98.40                        | 32.63 | 114.8       | 37.34 | 146.7       | 48.85 | 160.7       | 53.36 | 175.9       | 58.38 | 189.9       | 63.40 | 207.9       | 73.76 |
|        | 46                               | 98.40                        | 35.98 | 114.8       | 40.72 | 146.7       | 50.82 | 160.4       | 55.47 | 176.3       | 62.70 | 189.6       | 69.50 | 194.7       | 73.91 |
|        | 48                               | 98.40                        | 38.23 | 114.8       | 43.22 | 146.7       | 53.88 | 160.4       | 60.37 | 176.0       | 68.37 | 179.8       | 70.39 | 177.8       | 71.22 |
|        | 50                               | 98.40                        | 40.49 | 114.8       | 45.00 | 146.7       | 57.88 | 160.4       | 64.92 | 163.4       | 66.44 | 163.6       | 66.48 | 161.6       | 67.28 |
|        | 52                               | 98.40                        | 42.41 | 114.7       | 45.83 | 141.6       | 60.21 | 142.3       | 59.48 | 142.8       | 58.69 | 143.1       | 58.00 | 143.2       | 58.16 |
| 80     | 10                               | 27.80                        | 1.91  | 44.80       | 3.03  | 63.40       | 4.32  | 67.70       | 4.63  | 72.20       | 4.94  | 76.80       | 5.29  | 81.70       | 5.68  |
|        | 12                               | 27.80                        | 1.72  | 44.80       | 3.01  | 63.40       | 4.32  | 67.70       | 4.66  | 72.20       | 4.98  | 76.80       | 5.30  | 81.70       | 5.72  |
|        | 14                               | 27.80                        | 1.65  | 44.80       | 2.85  | 63.40       | 4.18  | 67.70       | 4.52  | 72.20       | 4.89  | 76.80       | 5.33  | 81.70       | 5.76  |
|        | 16                               | 27.80                        | 1.57  | 44.80       | 2.66  | 63.40       | 4.09  | 67.70       | 4.52  | 72.20       | 4.95  | 76.80       | 5.36  | 81.70       | 5.86  |
|        | 18                               | 27.80                        | 1.53  | 44.80       | 2.67  | 63.40       | 4.20  | 67.70       | 4.62  | 72.20       | 5.05  | 76.80       | 5.47  | 81.70       | 6.03  |
|        | 20                               | 27.80                        | 1.50  | 44.80       | 2.75  | 63.40       | 4.41  | 67.70       | 4.87  | 72.20       | 5.37  | 76.80       | 5.83  | 81.70       | 6.58  |
|        | 21                               | 31.50                        | 1.80  | 48.30       | 3.19  | 66.90       | 5.25  | 71.10       | 5.83  | 75.60       | 6.47  | 79.80       | 7.11  | 84.70       | 8.41  |
|        | 23                               | 38.80                        | 6.03  | 55.50       | 7.80  | 73.70       | 9.79  | 77.90       | 10.36 | 82.10       | 10.84 | 85.90       | 11.24 | 90.00       | 11.92 |
|        | 25                               | 46.40                        | 7.39  | 62.70       | 9.33  | 80.90       | 11.76 | 84.70       | 12.30 | 88.90       | 12.94 | 92.00       | 13.38 | 95.70       | 14.05 |
|        | 27                               | 54.30                        | 9.12  | 70.00       | 11.43 | 88.20       | 14.45 | 91.90       | 14.98 | 95.70       | 15.52 | 98.10       | 15.91 | 106.8       | 17.61 |
|        | 29                               | 62.30                        | 11.55 | 77.90       | 14.34 | 95.70       | 17.51 | 99.10       | 18.15 | 102.9       | 18.82 | 109.1       | 20.01 | 126.5       | 23.90 |
|        | 31                               | 70.30                        | 14.95 | 85.50       | 17.71 | 103.4       | 21.08 | 106.4       | 21.72 | 115.9       | 23.63 | 128.9       | 26.59 | 145.9       | 31.39 |
|        | 33                               | 78.70                        | 18.50 | 93.80       | 21.23 | 111.3       | 25.12 | 122.3       | 27.81 | 136.1       | 31.42 | 148.7       | 34.93 | 165.6       | 40.89 |
|        | 35                               | 87.40                        | 22.42 | 101.9       | 25.45 | 130.4       | 33.23 | 142.8       | 36.93 | 156.5       | 41.38 | 168.8       | 45.55 | 185.0       | 52.97 |
|        | 37                               | 87.40                        | 23.89 | 101.9       | 27.13 | 130.4       | 35.43 | 142.8       | 39.39 | 156.5       | 44.09 | 168.8       | 48.57 | 185.0       | 56.50 |
|        | 39                               | 87.40                        | 25.47 | 101.9       | 29.05 | 130.4       | 37.77 | 142.8       | 42.01 | 156.5       | 47.01 | 168.8       | 51.81 | 185.0       | 60.26 |
|        | 41                               | 87.40                        | 27.21 | 101.9       | 30.97 | 130.4       | 40.31 | 142.8       | 44.82 | 156.5       | 50.17 | 168.8       | 55.25 | 185.0       | 63.72 |
|        | 43                               | 87.40                        | 29.08 | 101.9       | 33.06 | 130.4       | 42.99 | 142.8       | 47.37 | 156.5       | 52.34 | 168.8       | 56.45 | 185.0       | 64.56 |
|        | 46                               | 87.40                        | 32.16 | 101.9       | 36.34 | 130.4       | 46.04 | 142.8       | 49.84 | 156.5       | 54.40 | 168.7       | 59.24 | 184.7       | 68.95 |
|        | 48                               | 87.40                        | 34.35 | 101.9       | 38.60 | 130.4       | 48.44 | 142.8       | 52.53 | 156.5       | 58.44 | 168.7       | 64.50 | 177.8       | 71.22 |
|        | 50                               | 87.40                        | 36.70 | 101.9       | 40.84 | 130.3       | 50.43 | 142.6       | 55.99 | 156.5       | 62.78 | 163.6       | 66.48 | 161.1       | 67.21 |
|        | 52                               | 87.40                        | 39.21 | 101.9       | 41.04 | 130.3       | 53.69 | 140.7       | 59.44 | 142.3       | 59.62 | 142.5       | 58.85 | 142.6       | 59.03 |
| 70     | 10                               | 24.30                        | 1.67  | 39.10       | 2.65  | 55.50       | 3.77  | 59.30       | 4.04  | 63.10       | 4.32  | 67.30       | 4.59  | 71.50       | 4.94  |
|        | 12                               | 24.30                        | 1.44  | 39.10       | 2.50  | 55.50       | 3.75  | 59.30       | 4.04  | 63.10       | 4.32  | 67.30       | 4.63  | 71.50       | 4.98  |
|        | 14                               | 24.30                        | 1.40  | 39.10       | 2.41  | 55.50       | 3.56  | 59.30       | 3.86  | 63.10       | 4.18  | 67.30       | 4.49  | 71.50       | 4.89  |
|        | 16                               | 24.30                        | 1.33  | 39.10       | 2.26  | 55.50       | 3.40  | 59.30       | 3.73  | 63.10       | 4.12  | 67.30       | 4.48  | 71.50       | 4.91  |
|        | 18                               | 24.30                        | 1.29  | 39.10       | 2.19  | 55.50       | 3.45  | 59.30       | 3.81  | 63.10       | 4.20  | 67.30       | 4.59  | 71.50       | 5.04  |
|        | 20                               | 24.30                        | 1.26  | 39.10       | 2.24  | 55.50       | 3.59  | 59.30       | 4.02  | 63.10       | 4.41  | 67.30       | 4.84  | 71.50       | 5.43  |
|        | 21                               | 27.70                        | 1.45  | 42.20       | 2.57  | 58.50       | 4.18  | 62.30       | 4.68  | 66.10       | 5.19  | 69.90       | 5.71  | 73.80       | 6.65  |
|        | 23                               | 34.20                        | 4.96  | 48.30       | 6.84  | 64.60       | 8.68  | 68.00       | 9.18  | 71.80       | 9.67  | 75.20       | 10.07 | 78.70       | 10.69 |
|        | 25                               | 40.60                        | 6.57  | 54.70       | 8.28  | 70.70       | 10.37 | 74.10       | 10.93 | 77.60       | 11.44 | 80.50       | 11.86 | 83.60       | 12.53 |
|        | 27                               | 47.50                        | 7.98  | 61.20       | 10.04 | 77.10       | 12.49 | 80.50       | 13.18 | 83.60       | 13.87 | 85.90       | 14.15 | 93.50       | 15.51 |
|        | 29                               | 54.60                        | 10.01 | 68.00       | 12.49 | 83.60       | 15.50 | 86.60       | 16.00 | 90.10       | 16.56 | 95.40       | 17.50 | 110.6       | 20.71 |
|        | 31                               | 61.50                        | 12.86 | 74.90       | 15.78 | 90.40       | 18.60 | 93.10       | 19.16 | 101.1       | 20.67 | 112.9       | 23.00 | 127.7       | 26.83 |
|        | 33                               | 69.10                        | 16.33 | 81.80       | 18.79 | 97.30       | 21.98 | 107.1       | 24.14 | 119.0       | 26.99 | 130.3       | 29.76 | 144.8       | 34.62 |
|        | 35                               | 76.70                        | 19.89 | 89.00       | 22.37 | 114.0       | 28.57 | 125.0       | 31.57 | 136.9       | 35.16 | 147.5       | 38.47 | 161.6       | 44.33 |
|        | 37                               | 76.70                        | 21.18 | 89.00       | 23.83 | 114.0       | 30.56 | 125.0       | 33.73 | 136.9       | 37.50 | 147.5       | 41.01 | 161.6       | 47.23 |
|        | 39                               | 76.70                        | 22.56 | 89.00       | 25.44 | 114.0       | 32.62 | 125.0       | 36.00 | 136.9       | 39.98 | 147.5       | 43.74 | 161.6       | 50.37 |
|        | 41                               | 76.70                        | 24.09 | 89.00       | 27.17 | 114.0       | 34.78 | 125.0       | 38.41 | 136.9       | 42.65 | 147.5       | 46.66 | 161.6       | 53.73 |
|        | 43                               | 76.70                        | 25.80 | 89.00       | 29.10 | 114.0       | 37.11 | 125.0       | 40.95 | 136.9       | 45.34 | 147.5       | 49.33 | 161.6       | 56.68 |
|        | 46                               | 76.70                        | 28.51 | 89.00       | 32.08 | 114.0       | 40.64 | 125.0       | 44.59 | 136.9       | 48.43 | 147.5       | 51.84 | 161.6       | 58.92 |
|        | 48                               | 76.70                        | 30.55 | 89.00       | 34.15 | 114.0       | 43.13 | 125.0       | 47.31 | 136.9       | 50.97 | 147.5       | 54.62 | 161.8       | 62.70 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 76.70                        | 32.64 | 89.00       | 36.18 | 114.0       | 45.59 | 125.0       | 48.97 | 136.8       | 53.32 | 147.8       | 58.38 | 161.3       | 67.26 |
|        | 52                         | 76.70                        | 34.90 | 89.00       | 37.89 | 114.0       | 45.29 | 125.0       | 50.64 | 136.8       | 57.27 | 142.0       | 60.09 | 141.8       | 60.26 |
| 60     | 10                         | 20.90                        | 1.44  | 33.50       | 2.26  | 47.50       | 3.23  | 50.90       | 3.46  | 54.30       | 3.69  | 57.80       | 3.93  | 61.20       | 4.23  |
|        | 12                         | 20.90                        | 1.20  | 33.50       | 2.03  | 47.50       | 3.08  | 50.90       | 3.42  | 54.30       | 3.68  | 57.80       | 3.93  | 61.20       | 4.24  |
|        | 14                         | 20.90                        | 1.16  | 33.50       | 1.95  | 47.50       | 2.96  | 50.90       | 3.23  | 54.30       | 3.51  | 57.80       | 3.76  | 61.20       | 4.06  |
|        | 16                         | 20.90                        | 1.13  | 33.50       | 1.87  | 47.50       | 2.81  | 50.90       | 3.04  | 54.30       | 3.33  | 57.80       | 3.58  | 61.20       | 3.97  |
|        | 18                         | 20.90                        | 1.09  | 33.50       | 1.79  | 47.50       | 2.74  | 50.90       | 3.05  | 54.30       | 3.34  | 57.80       | 3.69  | 61.20       | 4.04  |
|        | 20                         | 20.90                        | 1.02  | 33.50       | 1.80  | 47.50       | 2.85  | 50.90       | 3.17  | 54.30       | 3.52  | 57.80       | 3.87  | 61.20       | 4.33  |
|        | 21                         | 23.60                        | 1.17  | 36.10       | 1.99  | 50.10       | 3.26  | 53.20       | 3.61  | 56.60       | 4.03  | 60.00       | 4.42  | 63.40       | 5.12  |
|        | 23                         | 29.20                        | 3.29  | 41.40       | 5.37  | 55.40       | 7.59  | 58.50       | 8.04  | 61.50       | 8.47  | 64.30       | 8.81  | 67.60       | 9.39  |
|        | 25                         | 36.10                        | 5.95  | 47.10       | 7.20  | 60.70       | 8.89  | 63.50       | 9.43  | 66.50       | 9.92  | 69.10       | 10.36 | 71.80       | 10.88 |
|        | 27                         | 40.60                        | 6.98  | 52.50       | 8.59  | 66.10       | 10.68 | 68.80       | 11.28 | 71.80       | 11.82 | 73.70       | 12.27 | 80.20       | 13.47 |
|        | 29                         | 46.70                        | 8.58  | 58.20       | 10.57 | 71.80       | 13.12 | 74.50       | 13.82 | 77.10       | 14.48 | 81.70       | 15.23 | 95.00       | 17.75 |
|        | 31                         | 52.80                        | 10.91 | 64.20       | 13.44 | 77.50       | 16.27 | 79.80       | 16.72 | 87.00       | 17.99 | 96.90       | 19.80 | 109.4       | 22.77 |
|        | 33                         | 59.20                        | 14.15 | 70.30       | 16.46 | 83.50       | 19.09 | 91.90       | 20.84 | 102.2       | 23.05 | 111.7       | 25.21 | 124.2       | 28.87 |
|        | 35                         | 65.70                        | 17.23 | 76.40       | 19.44 | 97.60       | 24.42 | 107.2       | 26.70 | 117.4       | 29.43 | 126.6       | 32.02 | 138.7       | 36.62 |
|        | 37                         | 65.70                        | 18.28 | 76.40       | 20.70 | 97.60       | 26.03 | 107.2       | 28.49 | 117.4       | 31.44 | 126.6       | 34.24 | 138.7       | 39.01 |
|        | 39                         | 65.70                        | 19.60 | 76.40       | 22.08 | 97.60       | 27.81 | 107.2       | 30.51 | 117.4       | 33.60 | 126.6       | 36.55 | 138.7       | 41.62 |
|        | 41                         | 65.70                        | 20.92 | 76.40       | 23.58 | 97.60       | 29.75 | 107.2       | 32.57 | 117.4       | 35.86 | 126.6       | 38.97 | 138.7       | 44.39 |
|        | 43                         | 65.70                        | 22.35 | 76.40       | 25.20 | 97.60       | 31.73 | 107.2       | 34.75 | 117.4       | 38.25 | 126.6       | 41.57 | 138.7       | 47.35 |
|        | 46                         | 65.70                        | 24.73 | 76.40       | 28.00 | 97.60       | 35.00 | 107.2       | 38.19 | 117.4       | 41.89 | 126.6       | 45.30 | 138.7       | 51.43 |
|        | 48                         | 65.70                        | 26.46 | 76.40       | 29.93 | 97.60       | 37.21 | 107.2       | 40.56 | 117.4       | 44.42 | 126.6       | 48.03 | 138.7       | 53.90 |
|        | 50                         | 65.70                        | 28.51 | 76.40       | 32.01 | 97.60       | 39.36 | 107.2       | 42.90 | 117.4       | 46.97 | 126.6       | 49.91 | 138.7       | 56.08 |
|        | 52                         | 65.70                        | 30.63 | 76.40       | 34.21 | 97.60       | 41.20 | 107.2       | 43.15 | 117.4       | 46.70 | 126.6       | 51.34 | 138.7       | 59.25 |
| 50     | 10                         | 17.50                        | 1.36  | 27.80       | 1.91  | 39.50       | 2.69  | 42.20       | 2.85  | 45.20       | 3.07  | 48.20       | 3.26  | 51.30       | 3.50  |
|        | 12                         | 17.50                        | 1.17  | 27.80       | 1.62  | 39.50       | 2.41  | 42.20       | 2.67  | 45.20       | 2.92  | 48.20       | 3.16  | 51.30       | 3.47  |
|        | 14                         | 17.50                        | 1.08  | 27.80       | 1.55  | 39.50       | 2.33  | 42.20       | 2.56  | 45.20       | 2.77  | 48.20       | 3.00  | 51.30       | 3.30  |
|        | 16                         | 17.50                        | 1.04  | 27.80       | 1.50  | 39.50       | 2.24  | 42.20       | 2.41  | 45.20       | 2.65  | 48.20       | 2.88  | 51.30       | 3.11  |
|        | 18                         | 17.50                        | 0.98  | 27.80       | 1.43  | 39.50       | 2.13  | 42.20       | 2.33  | 45.20       | 2.54  | 48.20       | 2.82  | 51.30       | 3.09  |
|        | 20                         | 17.50                        | 0.94  | 27.80       | 1.39  | 39.50       | 2.14  | 42.20       | 2.38  | 45.20       | 2.65  | 48.20       | 2.93  | 51.30       | 3.27  |
|        | 21                         | 19.80                        | 0.96  | 30.00       | 1.51  | 41.80       | 2.40  | 44.50       | 2.68  | 47.10       | 2.95  | 50.10       | 3.26  | 52.80       | 3.72  |
|        | 23                         | 24.30                        | 2.14  | 34.60       | 3.39  | 46.00       | 6.19  | 48.60       | 6.72  | 51.30       | 7.23  | 53.60       | 7.58  | 56.20       | 8.00  |
|        | 25                         | 33.70                        | 5.60  | 39.10       | 6.14  | 50.50       | 7.55  | 52.90       | 7.96  | 55.50       | 8.36  | 57.40       | 8.74  | 59.70       | 9.22  |
|        | 27                         | 34.50                        | 6.18  | 43.70       | 7.26  | 55.10       | 8.93  | 57.40       | 9.38  | 59.70       | 9.89  | 61.50       | 10.27 | 66.80       | 11.25 |
|        | 29                         | 38.80                        | 7.40  | 48.60       | 8.88  | 59.70       | 10.85 | 61.90       | 11.38 | 64.20       | 11.96 | 68.30       | 12.84 | 79.00       | 14.85 |
|        | 31                         | 44.10                        | 9.19  | 53.30       | 10.97 | 64.60       | 13.53 | 66.50       | 14.20 | 72.20       | 15.36 | 80.60       | 16.83 | 91.20       | 19.13 |
|        | 33                         | 49.10                        | 11.82 | 58.50       | 14.01 | 69.50       | 16.19 | 76.40       | 17.68 | 85.10       | 19.40 | 93.10       | 21.08 | 103.3       | 23.81 |
|        | 35                         | 54.70                        | 14.81 | 63.50       | 16.46 | 81.70       | 20.60 | 89.30       | 22.37 | 97.70       | 24.39 | 105.6       | 26.31 | 115.5       | 29.63 |
|        | 37                         | 54.70                        | 15.89 | 63.50       | 17.63 | 81.70       | 21.92 | 89.30       | 23.83 | 97.70       | 26.03 | 105.6       | 28.07 | 115.5       | 31.62 |
|        | 39                         | 54.70                        | 16.82 | 63.50       | 18.73 | 81.70       | 23.41 | 89.30       | 25.41 | 97.70       | 27.79 | 105.6       | 29.98 | 115.5       | 33.87 |
|        | 41                         | 54.70                        | 17.87 | 63.50       | 19.94 | 81.70       | 24.97 | 89.30       | 27.16 | 97.70       | 29.65 | 105.6       | 32.06 | 115.5       | 36.10 |
|        | 43                         | 54.70                        | 19.03 | 63.50       | 21.28 | 81.70       | 26.71 | 89.30       | 29.10 | 97.70       | 31.76 | 105.6       | 34.23 | 115.5       | 38.51 |
|        | 46                         | 54.70                        | 20.98 | 63.50       | 23.59 | 81.70       | 29.60 | 89.30       | 32.11 | 97.70       | 35.04 | 105.6       | 37.71 | 115.5       | 42.30 |
|        | 48                         | 54.70                        | 22.41 | 63.50       | 25.21 | 81.70       | 31.62 | 89.30       | 34.22 | 97.70       | 37.22 | 105.6       | 40.01 | 115.5       | 44.92 |
|        | 50                         | 54.70                        | 24.17 | 63.50       | 27.14 | 81.70       | 33.80 | 89.30       | 36.62 | 97.70       | 39.40 | 105.6       | 42.33 | 115.5       | 47.49 |
|        | 52                         | 54.70                        | 25.88 | 63.50       | 29.13 | 81.70       | 36.11 | 89.30       | 39.01 | 97.70       | 41.28 | 105.6       | 42.77 | 115.5       | 47.75 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM780LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 46.40                        | 3.07  | 74.50       | 4.92  | 105.7       | 7.03  | 113.1       | 7.57  | 120.5       | 8.10  | 128.3       | 8.67  | 136.5       | 9.39  |
|        | 12                              | 46.40                        | 3.07  | 74.50       | 4.95  | 105.7       | 7.10  | 113.1       | 7.64  | 120.5       | 8.18  | 128.3       | 8.75  | 136.5       | 9.49  |
|        | 14                              | 46.40                        | 2.96  | 74.50       | 4.93  | 105.7       | 7.18  | 113.1       | 7.76  | 120.5       | 8.16  | 128.3       | 8.82  | 136.5       | 9.71  |
|        | 16                              | 46.40                        | 2.89  | 74.50       | 5.00  | 105.7       | 7.38  | 113.1       | 7.86  | 120.5       | 8.39  | 128.3       | 9.10  | 136.5       | 10.17 |
|        | 18                              | 46.40                        | 2.93  | 74.50       | 5.08  | 105.7       | 7.65  | 113.1       | 8.27  | 120.5       | 8.94  | 128.3       | 9.77  | 136.5       | 11.20 |
|        | 20                              | 46.40                        | 3.05  | 74.50       | 5.41  | 105.7       | 8.60  | 113.1       | 9.39  | 120.5       | 10.43 | 128.3       | 11.77 | 136.5       | 13.80 |
|        | 21                              | 52.60                        | 3.84  | 80.30       | 6.87  | 111.2       | 11.62 | 118.6       | 12.32 | 126.0       | 13.11 | 133.0       | 14.11 | 140.8       | 15.34 |
|        | 23                              | 64.80                        | 8.97  | 92.10       | 11.48 | 122.9       | 14.56 | 129.9       | 15.24 | 136.9       | 16.51 | 143.1       | 17.37 | 150.1       | 18.83 |
|        | 25                              | 77.60                        | 11.28 | 104.5       | 14.44 | 134.9       | 18.27 | 141.5       | 19.23 | 148.2       | 20.61 | 153.3       | 21.64 | 159.5       | 23.23 |
|        | 27                              | 90.50                        | 14.59 | 117.0       | 18.22 | 147.0       | 23.22 | 153.2       | 24.68 | 159.6       | 25.92 | 163.8       | 26.86 | 178.2       | 30.54 |
|        | 29                              | 103.8                        | 18.81 | 129.5       | 22.97 | 159.5       | 28.97 | 165.3       | 30.26 | 171.3       | 31.66 | 181.8       | 34.13 | 210.7       | 42.81 |
|        | 31                              | 117.4                        | 23.57 | 142.7       | 28.38 | 172.3       | 35.56 | 177.8       | 37.00 | 193.1       | 41.28 | 215.2       | 47.99 | 243.4       | 59.25 |
|        | 33                              | 131.4                        | 29.48 | 156.0       | 35.13 | 185.6       | 43.66 | 204.0       | 49.73 | 227.0       | 58.02 | 248.4       | 66.48 | 275.8       | 81.31 |
|        | 35                              | 145.6                        | 36.95 | 170.0       | 43.48 | 217.6       | 60.86 | 238.2       | 69.67 | 261.0       | 80.70 | 281.3       | 90.95 | 308.1       | 104.8 |
|        | 37                              | 145.6                        | 39.45 | 170.0       | 46.43 | 217.6       | 64.95 | 237.9       | 73.68 | 261.2       | 85.48 | 281.3       | 95.72 | 288.5       | 101.3 |
|        | 39                              | 145.6                        | 42.09 | 170.0       | 49.53 | 217.3       | 66.34 | 238.0       | 76.17 | 260.9       | 88.66 | 270.3       | 93.38 | 267.2       | 94.20 |
|        | 41                              | 145.6                        | 44.93 | 170.0       | 51.82 | 217.5       | 68.44 | 237.9       | 78.74 | 249.7       | 85.19 | 249.6       | 85.20 | 246.7       | 86.32 |
|        | 43                              | 145.6                        | 47.96 | 170.0       | 53.01 | 217.5       | 72.94 | 229.6       | 79.53 | 229.8       | 79.45 | 229.6       | 79.43 | 227.2       | 80.71 |
|        | 46                              | 145.6                        | 51.63 | 170.0       | 57.72 | 201.9       | 72.98 | 201.5       | 72.92 | 201.9       | 72.87 | 201.6       | 72.98 | 199.1       | 73.73 |
|        | 48                              | 145.6                        | 54.68 | 170.1       | 63.30 | 184.2       | 70.41 | 184.5       | 70.59 | 184.1       | 70.35 | 183.8       | 70.31 | 181.8       | 71.18 |
|        | 50                              | 145.9                        | 58.07 | 167.5       | 67.10 | 167.3       | 67.00 | 167.3       | 67.05 | 167.2       | 67.02 | 167.0       | 66.91 | 164.9       | 67.77 |
|        | 52                              | 144.0                        | 61.16 | 146.4       | 59.25 | 148.2       | 56.94 | 148.5       | 56.41 | 149.1       | 55.89 | 149.4       | 55.48 | 149.2       | 55.83 |
| 120    | 10                              | 42.90                        | 2.84  | 69.00       | 4.53  | 97.50       | 6.49  | 104.5       | 6.95  | 111.2       | 7.45  | 118.5       | 7.95  | 126.0       | 8.56  |
|        | 12                              | 42.90                        | 2.84  | 69.00       | 4.53  | 97.50       | 6.53  | 104.5       | 7.02  | 111.2       | 7.52  | 118.5       | 8.03  | 126.0       | 8.68  |
|        | 14                              | 42.90                        | 2.73  | 69.00       | 4.54  | 97.50       | 6.60  | 104.5       | 7.10  | 111.2       | 7.64  | 118.5       | 8.08  | 126.0       | 8.74  |
|        | 16                              | 42.90                        | 2.60  | 69.00       | 4.50  | 97.50       | 6.73  | 104.5       | 7.27  | 111.2       | 7.71  | 118.5       | 8.18  | 126.0       | 9.05  |
|        | 18                              | 42.90                        | 2.63  | 69.00       | 4.61  | 97.50       | 7.02  | 104.5       | 7.54  | 111.2       | 8.05  | 118.5       | 8.69  | 126.0       | 9.76  |
|        | 20                              | 42.90                        | 2.71  | 69.00       | 4.88  | 97.50       | 7.72  | 104.5       | 8.48  | 111.2       | 9.13  | 118.5       | 10.12 | 126.0       | 11.96 |
|        | 21                              | 48.40                        | 3.38  | 74.10       | 6.05  | 102.9       | 10.34 | 109.6       | 11.42 | 116.2       | 12.05 | 122.9       | 12.81 | 130.2       | 14.06 |
|        | 23                              | 60.00                        | 8.45  | 85.10       | 10.76 | 113.5       | 13.59 | 119.8       | 14.25 | 126.3       | 14.83 | 132.2       | 15.77 | 138.5       | 17.07 |
|        | 25                              | 71.70                        | 10.48 | 96.40       | 13.43 | 124.4       | 16.89 | 130.6       | 17.73 | 136.8       | 18.47 | 141.6       | 19.57 | 147.1       | 20.99 |
|        | 27                              | 83.50                        | 13.47 | 108.0       | 16.85 | 135.7       | 21.40 | 141.5       | 22.20 | 147.4       | 23.51 | 151.3       | 24.27 | 164.6       | 27.63 |
|        | 29                              | 95.90                        | 17.43 | 119.7       | 21.18 | 147.3       | 26.39 | 152.5       | 27.49 | 158.3       | 28.71 | 168.1       | 30.86 | 194.6       | 38.33 |
|        | 31                              | 108.4                        | 21.82 | 131.8       | 25.99 | 159.1       | 32.22 | 164.2       | 33.44 | 178.2       | 37.12 | 198.6       | 42.91 | 224.6       | 52.53 |
|        | 33                              | 121.3                        | 27.05 | 144.3       | 31.94 | 171.2       | 39.34 | 188.4       | 44.58 | 209.8       | 51.66 | 229.3       | 58.84 | 254.7       | 71.27 |
|        | 35                              | 134.5                        | 33.68 | 157.1       | 39.34 | 200.8       | 54.28 | 219.9       | 61.77 | 241.0       | 70.99 | 259.8       | 80.09 | 284.7       | 94.45 |
|        | 37                              | 134.5                        | 35.94 | 157.1       | 42.02 | 200.8       | 57.92 | 219.9       | 65.97 | 241.0       | 75.07 | 259.7       | 84.80 | 284.7       | 99.49 |
|        | 39                              | 134.5                        | 38.37 | 157.1       | 44.83 | 200.8       | 60.08 | 219.6       | 67.38 | 241.0       | 77.62 | 259.7       | 87.94 | 267.2       | 94.29 |
|        | 41                              | 134.5                        | 40.94 | 157.1       | 47.86 | 200.8       | 60.96 | 219.6       | 69.55 | 241.0       | 80.32 | 249.4       | 85.21 | 246.7       | 86.33 |
|        | 43                              | 134.5                        | 43.71 | 157.1       | 49.61 | 200.8       | 64.85 | 219.9       | 74.11 | 229.8       | 79.49 | 229.9       | 79.50 | 226.8       | 80.48 |
|        | 46                              | 134.5                        | 48.24 | 156.8       | 52.22 | 200.8       | 72.36 | 201.9       | 72.96 | 201.5       | 72.89 | 201.5       | 72.86 | 199.5       | 73.85 |
|        | 48                              | 134.5                        | 50.91 | 157.1       | 57.29 | 184.5       | 70.51 | 184.2       | 70.45 | 183.8       | 70.40 | 183.8       | 70.28 | 181.8       | 71.31 |
|        | 50                              | 134.5                        | 53.54 | 157.1       | 61.80 | 167.3       | 67.01 | 167.2       | 66.95 | 167.5       | 67.19 | 167.0       | 66.99 | 165.3       | 67.77 |
|        | 52                              | 134.5                        | 55.85 | 145.9       | 60.22 | 147.6       | 57.83 | 147.9       | 57.38 | 148.2       | 56.89 | 148.5       | 56.49 | 148.4       | 57.01 |
| 110    | 10                              | 39.40                        | 2.58  | 63.20       | 4.15  | 89.30       | 5.92  | 95.60       | 6.37  | 101.8       | 6.80  | 108.5       | 7.26  | 115.4       | 7.80  |
|        | 12                              | 39.40                        | 2.58  | 63.20       | 4.15  | 89.30       | 5.96  | 95.60       | 6.41  | 101.8       | 6.84  | 108.5       | 7.33  | 115.4       | 7.91  |
|        | 14                              | 39.40                        | 2.46  | 63.20       | 4.07  | 89.30       | 6.00  | 95.60       | 6.46  | 101.8       | 6.92  | 108.5       | 7.41  | 115.4       | 8.03  |
|        | 16                              | 39.40                        | 2.34  | 63.20       | 4.04  | 89.30       | 6.11  | 95.60       | 6.58  | 101.8       | 7.08  | 108.5       | 7.52  | 115.4       | 8.18  |
|        | 18                              | 39.40                        | 2.32  | 63.20       | 4.12  | 89.30       | 6.33  | 95.60       | 6.87  | 101.8       | 7.31  | 108.5       | 7.89  | 115.4       | 8.67  |
|        | 20                              | 39.40                        | 2.40  | 63.20       | 4.31  | 89.30       | 6.87  | 95.60       | 7.53  | 101.8       | 8.18  | 108.5       | 8.88  | 115.4       | 10.16 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 44.50                        | 2.93  | 67.90       | 5.29  | 94.30       | 8.89  | 100.2       | 9.95  | 106.5       | 10.94 | 112.7       | 11.72 | 119.3       | 12.64 |
|        | 23                               | 55.00                        | 7.84  | 78.00       | 10.06 | 104.1       | 12.64 | 109.9       | 13.18 | 115.8       | 13.77 | 121.0       | 14.27 | 126.8       | 15.25 |
|        | 25                               | 65.50                        | 9.75  | 88.20       | 12.28 | 114.2       | 15.55 | 119.7       | 16.27 | 125.2       | 16.89 | 129.9       | 17.50 | 134.9       | 18.75 |
|        | 27                               | 76.50                        | 12.25 | 98.70       | 15.55 | 124.4       | 19.43 | 129.5       | 20.16 | 135.0       | 21.08 | 138.5       | 21.61 | 150.6       | 24.80 |
|        | 29                               | 87.80                        | 16.01 | 109.6       | 19.42 | 135.0       | 24.00 | 140.0       | 24.91 | 145.1       | 25.97 | 153.7       | 27.79 | 178.2       | 34.09 |
|        | 31                               | 99.40                        | 20.13 | 120.6       | 23.72 | 145.9       | 29.07 | 150.5       | 30.13 | 163.4       | 33.28 | 182.1       | 38.17 | 205.9       | 46.35 |
|        | 33                               | 111.1                        | 24.76 | 132.2       | 28.95 | 156.8       | 35.29 | 172.7       | 39.77 | 192.3       | 45.80 | 209.9       | 51.85 | 233.2       | 62.22 |
|        | 35                               | 123.3                        | 30.57 | 143.9       | 35.46 | 184.1       | 48.22 | 201.6       | 54.55 | 220.8       | 62.23 | 238.0       | 69.74 | 260.6       | 83.22 |
|        | 37                               | 123.3                        | 32.64 | 143.9       | 37.85 | 184.1       | 51.47 | 201.6       | 58.22 | 220.8       | 66.46 | 238.0       | 74.52 | 260.9       | 88.26 |
|        | 39                               | 123.3                        | 34.83 | 143.9       | 40.41 | 184.1       | 54.91 | 201.6       | 60.77 | 220.8       | 67.96 | 237.9       | 76.21 | 260.9       | 91.16 |
|        | 41                               | 123.3                        | 37.18 | 143.9       | 43.14 | 184.1       | 56.56 | 201.6       | 61.43 | 221.1       | 70.08 | 237.9       | 78.80 | 246.7       | 86.42 |
|        | 43                               | 123.3                        | 39.72 | 143.9       | 46.06 | 184.1       | 57.56 | 201.3       | 65.17 | 221.1       | 74.69 | 229.6       | 79.55 | 227.2       | 80.64 |
|        | 46                               | 123.3                        | 43.84 | 143.9       | 48.60 | 183.8       | 64.07 | 201.3       | 72.71 | 201.8       | 72.97 | 201.6       | 72.93 | 199.2       | 73.87 |
|        | 48                               | 123.3                        | 46.80 | 143.9       | 51.66 | 183.8       | 70.19 | 183.8       | 70.31 | 184.5       | 70.48 | 183.9       | 70.37 | 181.5       | 71.20 |
|        | 50                               | 123.3                        | 49.54 | 143.6       | 55.73 | 167.2       | 67.12 | 167.3       | 67.09 | 167.2       | 67.05 | 167.2       | 66.98 | 165.3       | 67.75 |
|        | 52                               | 123.6                        | 50.52 | 143.6       | 60.14 | 146.8       | 59.02 | 147.0       | 58.53 | 147.3       | 58.03 | 146.7       | 57.61 | 147.7       | 57.74 |
| 100    | 10                               | 35.90                        | 2.35  | 57.30       | 3.77  | 81.10       | 5.38  | 87.00       | 5.76  | 92.80       | 6.15  | 98.70       | 6.57  | 104.9       | 7.07  |
|        | 12                               | 35.90                        | 2.33  | 57.30       | 3.77  | 81.10       | 5.38  | 87.00       | 5.80  | 92.80       | 6.19  | 98.70       | 6.61  | 104.9       | 7.14  |
|        | 14                               | 35.90                        | 2.22  | 57.30       | 3.65  | 81.10       | 5.38  | 87.00       | 5.82  | 92.80       | 6.26  | 98.70       | 6.68  | 104.9       | 7.22  |
|        | 16                               | 35.90                        | 2.08  | 57.30       | 3.54  | 81.10       | 5.41  | 87.00       | 5.92  | 92.80       | 6.35  | 98.70       | 6.83  | 104.9       | 7.44  |
|        | 18                               | 35.90                        | 2.02  | 57.30       | 3.62  | 81.10       | 5.57  | 87.00       | 6.07  | 92.80       | 6.61  | 98.70       | 7.08  | 104.9       | 7.77  |
|        | 20                               | 35.90                        | 2.09  | 57.30       | 3.77  | 81.10       | 6.02  | 87.00       | 6.61  | 92.80       | 7.18  | 98.70       | 7.84  | 104.9       | 8.94  |
|        | 21                               | 40.50                        | 2.54  | 62.00       | 4.52  | 85.80       | 7.58  | 91.30       | 8.46  | 96.70       | 9.35  | 102.6       | 10.28 | 108.4       | 11.75 |
|        | 23                               | 49.90                        | 7.29  | 71.00       | 9.25  | 94.70       | 11.63 | 99.90       | 12.22 | 105.3       | 12.73 | 110.0       | 13.22 | 115.4       | 14.03 |
|        | 25                               | 59.70                        | 8.89  | 80.30       | 11.29 | 103.7       | 14.32 | 108.8       | 14.98 | 113.9       | 15.51 | 118.1       | 15.98 | 122.5       | 16.90 |
|        | 27                               | 69.50                        | 11.15 | 90.00       | 14.20 | 113.1       | 17.62 | 117.8       | 18.37 | 122.8       | 19.17 | 126.0       | 19.73 | 136.9       | 21.93 |
|        | 29                               | 79.60                        | 14.46 | 99.80       | 17.70 | 122.8       | 21.72 | 127.1       | 22.52 | 131.8       | 23.43 | 140.0       | 24.95 | 162.2       | 30.30 |
|        | 31                               | 90.20                        | 18.49 | 109.9       | 21.59 | 132.6       | 26.15 | 136.9       | 27.03 | 148.6       | 29.71 | 165.4       | 33.81 | 187.2       | 40.65 |
|        | 33                               | 101.0                        | 22.60 | 120.1       | 26.17 | 142.7       | 31.56 | 157.1       | 35.32 | 174.7       | 40.37 | 191.1       | 45.44 | 212.2       | 54.09 |
|        | 35                               | 112.0                        | 27.71 | 130.7       | 31.82 | 167.3       | 42.60 | 183.3       | 47.88 | 200.8       | 54.32 | 216.5       | 60.45 | 237.1       | 71.41 |
|        | 37                               | 112.0                        | 29.52 | 130.7       | 33.97 | 167.3       | 45.48 | 183.3       | 51.13 | 200.8       | 57.95 | 216.5       | 64.54 | 237.1       | 76.34 |
|        | 39                               | 112.0                        | 31.49 | 130.7       | 36.24 | 167.3       | 48.55 | 183.3       | 54.58 | 200.8       | 61.10 | 216.5       | 66.37 | 237.1       | 78.12 |
|        | 41                               | 112.0                        | 33.64 | 130.7       | 38.70 | 167.3       | 51.80 | 183.3       | 56.75 | 200.8       | 61.91 | 216.5       | 68.01 | 237.1       | 80.82 |
|        | 43                               | 112.0                        | 35.94 | 130.7       | 41.35 | 167.3       | 53.31 | 183.3       | 57.83 | 200.5       | 64.93 | 216.5       | 72.44 | 227.5       | 80.66 |
|        | 46                               | 112.0                        | 39.69 | 130.7       | 44.84 | 167.0       | 56.55 | 183.2       | 63.65 | 200.9       | 72.33 | 202.2       | 72.96 | 199.2       | 73.80 |
|        | 48                               | 112.0                        | 42.38 | 130.7       | 47.56 | 167.3       | 61.98 | 183.0       | 69.83 | 184.3       | 70.43 | 184.2       | 70.35 | 181.9       | 71.19 |
|        | 50                               | 112.0                        | 45.28 | 130.7       | 50.11 | 167.0       | 66.85 | 167.6       | 67.11 | 167.3       | 67.03 | 167.5       | 67.08 | 165.0       | 67.71 |
|        | 52                               | 112.0                        | 46.53 | 130.6       | 53.33 | 145.5       | 60.35 | 146.2       | 59.64 | 146.7       | 58.87 | 147.3       | 58.17 | 147.4       | 58.26 |
| 90     | 10                               | 32.30                        | 2.11  | 51.50       | 3.38  | 73.00       | 4.81  | 78.30       | 5.18  | 83.50       | 5.53  | 88.90       | 5.88  | 94.40       | 6.34  |
|        | 12                               | 32.30                        | 2.03  | 51.50       | 3.38  | 73.00       | 4.84  | 78.30       | 5.19  | 83.50       | 5.53  | 88.90       | 5.92  | 94.40       | 6.38  |
|        | 14                               | 32.30                        | 1.92  | 51.50       | 3.23  | 73.00       | 4.72  | 78.30       | 5.19  | 83.50       | 5.57  | 88.90       | 5.97  | 94.40       | 6.45  |
|        | 16                               | 32.30                        | 1.84  | 51.50       | 3.04  | 73.00       | 4.72  | 78.30       | 5.18  | 83.50       | 5.64  | 88.90       | 6.08  | 94.40       | 6.59  |
|        | 18                               | 32.30                        | 1.73  | 51.50       | 3.09  | 73.00       | 4.84  | 78.30       | 5.30  | 83.50       | 5.77  | 88.90       | 6.29  | 94.40       | 6.84  |
|        | 20                               | 32.30                        | 1.79  | 51.50       | 3.23  | 73.00       | 5.18  | 78.30       | 5.72  | 83.50       | 6.22  | 88.90       | 6.80  | 94.40       | 7.71  |
|        | 21                               | 36.30                        | 2.14  | 55.70       | 3.83  | 77.20       | 6.35  | 82.20       | 7.05  | 87.00       | 7.84  | 92.40       | 8.61  | 97.50       | 10.34 |
|        | 23                               | 44.90                        | 6.68  | 63.90       | 8.48  | 85.00       | 10.66 | 90.00       | 11.17 | 94.80       | 11.71 | 99.10       | 12.14 | 103.8       | 12.83 |
|        | 25                               | 53.80                        | 8.12  | 72.20       | 10.24 | 93.20       | 12.86 | 97.90       | 13.59 | 102.6       | 14.21 | 106.1       | 14.70 | 110.4       | 15.40 |
|        | 27                               | 62.80                        | 10.02 | 80.80       | 12.65 | 101.8       | 15.94 | 106.0       | 16.58 | 110.4       | 17.23 | 113.5       | 17.69 | 123.3       | 19.71 |
|        | 29                               | 71.80                        | 12.79 | 89.70       | 16.09 | 110.4       | 19.56 | 114.3       | 20.25 | 118.6       | 21.02 | 126.0       | 22.33 | 145.9       | 26.77 |
|        | 31                               | 81.50                        | 16.85 | 98.70       | 19.60 | 119.3       | 23.41 | 123.2       | 24.17 | 133.8       | 26.38 | 149.0       | 29.79 | 168.5       | 35.48 |
|        | 33                               | 90.90                        | 20.56 | 108.0       | 23.58 | 128.3       | 28.07 | 141.2       | 31.22 | 157.2       | 35.40 | 172.0       | 39.57 | 191.0       | 46.66 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 101.0                        | 24.97 | 117.8       | 28.43 | 150.5       | 37.41 | 164.9       | 41.81 | 180.6       | 47.05 | 195.0       | 52.08 | 213.3       | 60.95 |
|        | 37                              | 101.0                        | 26.59 | 117.8       | 30.32 | 150.5       | 39.93 | 164.9       | 44.61 | 180.6       | 50.22 | 195.0       | 55.60 | 213.3       | 65.10 |
|        | 39                              | 101.0                        | 28.39 | 117.8       | 32.36 | 150.5       | 42.65 | 164.9       | 47.64 | 180.6       | 53.60 | 195.0       | 59.35 | 213.3       | 68.59 |
|        | 41                              | 101.0                        | 30.28 | 117.8       | 34.55 | 150.5       | 45.53 | 164.9       | 50.85 | 180.6       | 56.45 | 195.0       | 60.75 | 213.3       | 69.58 |
|        | 43                              | 101.0                        | 32.37 | 117.8       | 36.93 | 150.5       | 48.61 | 164.9       | 52.94 | 180.6       | 57.76 | 195.0       | 62.21 | 213.3       | 73.10 |
|        | 46                              | 101.0                        | 35.76 | 117.8       | 40.75 | 150.5       | 51.26 | 164.6       | 55.49 | 180.9       | 62.50 | 194.7       | 69.35 | 199.5       | 73.82 |
|        | 48                              | 101.0                        | 38.19 | 117.8       | 43.56 | 150.6       | 54.47 | 164.6       | 60.82 | 180.6       | 68.61 | 184.2       | 70.45 | 182.2       | 71.35 |
|        | 50                              | 101.0                        | 40.85 | 117.8       | 45.84 | 150.6       | 58.78 | 164.7       | 65.69 | 167.3       | 67.02 | 167.5       | 67.06 | 165.6       | 67.86 |
|        | 52                              | 101.0                        | 43.67 | 117.8       | 46.93 | 145.2       | 61.10 | 145.8       | 60.34 | 146.4       | 59.54 | 146.7       | 58.81 | 146.9       | 58.98 |
| 80     | 10                              | 28.50                        | 1.88  | 46.00       | 3.00  | 65.10       | 4.27  | 69.40       | 4.58  | 74.10       | 4.88  | 78.80       | 5.22  | 83.90       | 5.61  |
|        | 12                              | 28.50                        | 1.72  | 46.00       | 2.99  | 65.10       | 4.27  | 69.40       | 4.61  | 74.10       | 4.91  | 78.80       | 5.23  | 83.90       | 5.64  |
|        | 14                              | 28.50                        | 1.65  | 46.00       | 2.83  | 65.10       | 4.15  | 69.40       | 4.46  | 74.10       | 4.80  | 78.80       | 5.23  | 83.90       | 5.65  |
|        | 16                              | 28.50                        | 1.58  | 46.00       | 2.66  | 65.10       | 4.01  | 69.40       | 4.42  | 74.10       | 4.84  | 78.80       | 5.26  | 83.90       | 5.75  |
|        | 18                              | 28.50                        | 1.53  | 46.00       | 2.62  | 65.10       | 4.11  | 69.40       | 4.53  | 74.10       | 4.95  | 78.80       | 5.38  | 83.90       | 5.94  |
|        | 20                              | 28.50                        | 1.49  | 46.00       | 2.71  | 65.10       | 4.34  | 69.40       | 4.80  | 74.10       | 5.29  | 78.80       | 5.76  | 83.90       | 6.52  |
|        | 21                              | 32.40                        | 1.79  | 49.50       | 3.15  | 68.60       | 5.21  | 72.90       | 5.79  | 77.60       | 6.43  | 81.90       | 7.07  | 86.90       | 8.41  |
|        | 23                              | 40.50                        | 6.15  | 56.90       | 7.68  | 75.60       | 9.60  | 79.90       | 10.17 | 84.20       | 10.62 | 88.10       | 11.00 | 92.40       | 11.69 |
|        | 25                              | 47.60                        | 7.29  | 64.30       | 9.16  | 83.00       | 11.53 | 87.00       | 12.06 | 91.20       | 12.72 | 94.40       | 13.22 | 98.30       | 13.93 |
|        | 27                              | 55.70                        | 9.01  | 71.80       | 11.23 | 90.50       | 14.24 | 94.30       | 14.84 | 98.20       | 15.44 | 100.7       | 15.82 | 109.6       | 17.50 |
|        | 29                              | 63.90                        | 11.37 | 79.90       | 14.17 | 98.20       | 17.43 | 101.8       | 18.04 | 105.6       | 18.69 | 111.9       | 19.83 | 129.9       | 23.55 |
|        | 31                              | 72.20                        | 14.80 | 87.80       | 17.65 | 106.0       | 20.90 | 109.2       | 21.51 | 118.9       | 23.33 | 132.3       | 26.11 | 149.8       | 30.74 |
|        | 33                              | 80.70                        | 18.49 | 96.30       | 21.13 | 114.2       | 24.84 | 125.6       | 27.42 | 139.6       | 30.84 | 152.6       | 34.22 | 170.0       | 39.95 |
|        | 35                              | 89.70                        | 22.41 | 104.6       | 25.27 | 133.8       | 32.65 | 146.6       | 36.22 | 160.6       | 40.51 | 173.2       | 44.54 | 189.9       | 51.67 |
|        | 37                              | 89.70                        | 23.84 | 104.6       | 26.93 | 133.8       | 34.85 | 146.6       | 38.68 | 160.6       | 43.21 | 173.2       | 47.53 | 189.9       | 55.15 |
|        | 39                              | 89.70                        | 25.43 | 104.6       | 28.73 | 133.8       | 37.19 | 146.6       | 41.29 | 160.6       | 46.12 | 173.2       | 50.74 | 189.9       | 58.85 |
|        | 41                              | 89.70                        | 27.15 | 104.6       | 30.67 | 133.8       | 39.72 | 146.6       | 44.09 | 160.6       | 49.25 | 173.2       | 54.16 | 189.9       | 62.23 |
|        | 43                              | 89.70                        | 29.00 | 104.6       | 32.78 | 133.8       | 42.41 | 146.6       | 47.02 | 160.6       | 51.99 | 173.2       | 55.93 | 189.9       | 63.72 |
|        | 46                              | 89.70                        | 32.02 | 104.6       | 36.21 | 133.8       | 46.26 | 146.6       | 50.30 | 160.6       | 54.59 | 173.2       | 59.17 | 189.6       | 68.78 |
|        | 48                              | 89.70                        | 34.27 | 104.6       | 38.72 | 133.8       | 49.03 | 146.6       | 53.29 | 160.7       | 58.94 | 173.1       | 64.86 | 182.2       | 71.34 |
|        | 50                              | 89.70                        | 36.66 | 104.6       | 41.38 | 133.8       | 51.41 | 146.3       | 56.92 | 160.6       | 63.60 | 167.6       | 67.09 | 165.0       | 67.77 |
|        | 52                              | 89.70                        | 39.21 | 104.6       | 42.50 | 133.8       | 54.75 | 144.5       | 60.43 | 145.8       | 60.45 | 146.1       | 59.71 | 146.3       | 59.85 |
| 70     | 10                              | 25.00                        | 1.65  | 40.20       | 2.61  | 56.90       | 3.73  | 60.90       | 4.00  | 64.80       | 4.27  | 69.00       | 4.54  | 73.30       | 4.88  |
|        | 12                              | 25.00                        | 1.46  | 40.20       | 2.49  | 56.90       | 3.73  | 60.90       | 4.00  | 64.80       | 4.27  | 69.00       | 4.57  | 73.30       | 4.92  |
|        | 14                              | 25.00                        | 1.42  | 40.20       | 2.41  | 56.90       | 3.54  | 60.90       | 3.84  | 64.80       | 4.15  | 69.00       | 4.43  | 73.30       | 4.80  |
|        | 16                              | 25.00                        | 1.35  | 40.20       | 2.27  | 56.90       | 3.38  | 60.90       | 3.68  | 64.80       | 4.04  | 69.00       | 4.38  | 73.30       | 4.80  |
|        | 18                              | 25.00                        | 1.30  | 40.20       | 2.19  | 56.90       | 3.38  | 60.90       | 3.73  | 64.80       | 4.11  | 69.00       | 4.49  | 73.30       | 4.96  |
|        | 20                              | 25.00                        | 1.26  | 40.20       | 2.22  | 56.90       | 3.54  | 60.90       | 3.95  | 64.80       | 4.34  | 69.00       | 4.76  | 73.30       | 5.37  |
|        | 21                              | 28.40                        | 1.45  | 43.30       | 2.55  | 60.00       | 4.14  | 63.90       | 4.64  | 67.80       | 5.14  | 71.70       | 5.66  | 75.70       | 6.62  |
|        | 23                              | 35.10                        | 5.13  | 49.60       | 6.88  | 66.30       | 8.52  | 69.80       | 9.02  | 73.70       | 9.48  | 77.20       | 9.86  | 80.70       | 10.47 |
|        | 25                              | 41.70                        | 6.54  | 56.20       | 8.17  | 72.50       | 10.19 | 76.10       | 10.73 | 79.60       | 11.20 | 82.70       | 11.64 | 85.80       | 12.30 |
|        | 27                              | 48.70                        | 7.92  | 62.80       | 9.88  | 79.10       | 12.28 | 82.60       | 12.95 | 85.80       | 13.69 | 88.20       | 14.05 | 95.90       | 15.45 |
|        | 29                              | 56.10                        | 9.89  | 69.80       | 12.29 | 85.80       | 15.38 | 89.00       | 15.94 | 92.40       | 16.48 | 97.90       | 17.40 | 113.5       | 20.56 |
|        | 31                              | 63.20                        | 12.69 | 76.90       | 15.71 | 92.80       | 18.52 | 95.60       | 19.05 | 103.8       | 20.52 | 115.8       | 22.76 | 131.0       | 26.45 |
|        | 33                              | 70.90                        | 16.31 | 83.90       | 18.75 | 99.80       | 21.84 | 110.0       | 23.92 | 122.1       | 26.66 | 133.7       | 29.33 | 148.6       | 33.92 |
|        | 35                              | 78.70                        | 19.91 | 91.40       | 22.33 | 117.0       | 28.28 | 128.3       | 31.13 | 140.4       | 34.52 | 151.4       | 37.71 | 165.8       | 43.36 |
|        | 37                              | 78.70                        | 21.17 | 91.40       | 23.77 | 117.0       | 30.13 | 128.3       | 33.21 | 140.4       | 36.86 | 151.4       | 40.24 | 165.8       | 46.25 |
|        | 39                              | 78.70                        | 22.55 | 91.40       | 25.35 | 117.0       | 32.20 | 128.3       | 35.47 | 140.4       | 39.32 | 151.4       | 42.96 | 165.8       | 49.35 |
|        | 41                              | 78.70                        | 24.08 | 91.40       | 27.08 | 117.0       | 34.36 | 128.3       | 37.89 | 140.4       | 42.00 | 151.4       | 45.88 | 165.8       | 52.68 |
|        | 43                              | 78.70                        | 25.77 | 91.40       | 28.93 | 117.0       | 36.71 | 128.3       | 40.44 | 140.4       | 44.81 | 151.4       | 48.95 | 165.8       | 56.21 |
|        | 46                              | 78.70                        | 28.49 | 91.40       | 31.95 | 117.0       | 40.56 | 128.3       | 44.63 | 140.4       | 48.68 | 151.4       | 52.27 | 165.8       | 59.20 |
|        | 48                              | 78.70                        | 30.51 | 91.40       | 34.18 | 117.0       | 43.33 | 128.3       | 47.67 | 140.4       | 51.60 | 151.4       | 55.35 | 166.1       | 63.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 78.70                        | 32.69 | 91.40       | 36.58 | 117.0       | 46.26 | 128.3       | 49.88 | 140.5       | 54.28 | 151.7       | 59.28 | 165.3       | 67.84 |
|        | 52                         | 78.70                        | 35.00 | 91.40       | 39.10 | 117.0       | 46.99 | 128.3       | 51.72 | 140.4       | 58.29 | 145.6       | 60.93 | 145.4       | 61.06 |
| 60     | 10                         | 21.50                        | 1.44  | 34.30       | 2.23  | 48.80       | 3.19  | 52.20       | 3.42  | 55.70       | 3.65  | 59.30       | 3.88  | 62.80       | 4.19  |
|        | 12                         | 21.50                        | 1.25  | 34.30       | 2.03  | 48.80       | 3.07  | 52.20       | 3.40  | 55.70       | 3.65  | 59.30       | 3.88  | 62.80       | 4.19  |
|        | 14                         | 21.50                        | 1.21  | 34.30       | 1.96  | 48.80       | 2.96  | 52.20       | 3.22  | 55.70       | 3.49  | 59.30       | 3.73  | 62.80       | 4.04  |
|        | 16                         | 21.50                        | 1.17  | 34.30       | 1.88  | 48.80       | 2.81  | 52.20       | 3.04  | 55.70       | 3.30  | 59.30       | 3.53  | 62.80       | 3.90  |
|        | 18                         | 21.50                        | 1.13  | 34.30       | 1.81  | 48.80       | 2.72  | 52.20       | 3.01  | 55.70       | 3.28  | 59.30       | 3.62  | 62.80       | 3.96  |
|        | 20                         | 21.50                        | 1.06  | 34.30       | 1.79  | 48.80       | 2.81  | 52.20       | 3.13  | 55.70       | 3.46  | 59.30       | 3.80  | 62.80       | 4.26  |
|        | 21                         | 24.20                        | 1.19  | 37.00       | 1.99  | 51.50       | 3.23  | 54.60       | 3.57  | 58.10       | 3.99  | 61.60       | 4.37  | 65.10       | 5.09  |
|        | 23                         | 30.00                        | 3.43  | 42.50       | 5.51  | 56.90       | 7.47  | 60.00       | 7.91  | 63.20       | 8.33  | 65.90       | 8.65  | 69.40       | 9.21  |
|        | 25                         | 38.10                        | 6.07  | 48.30       | 7.14  | 62.40       | 8.76  | 65.10       | 9.27  | 68.30       | 9.73  | 70.90       | 10.16 | 73.70       | 10.68 |
|        | 27                         | 41.80                        | 6.97  | 53.80       | 8.49  | 67.90       | 10.50 | 70.60       | 11.08 | 73.70       | 11.58 | 75.60       | 12.04 | 82.30       | 13.25 |
|        | 29                         | 48.00                        | 8.54  | 59.70       | 10.43 | 73.70       | 12.91 | 76.40       | 13.64 | 79.20       | 14.36 | 83.90       | 15.18 | 97.40       | 17.67 |
|        | 31                         | 54.20                        | 10.83 | 65.90       | 13.27 | 79.60       | 16.23 | 81.90       | 16.68 | 89.30       | 17.90 | 99.40       | 19.67 | 112.3       | 22.57 |
|        | 33                         | 60.80                        | 14.02 | 72.10       | 16.45 | 85.80       | 19.02 | 94.30       | 20.74 | 104.9       | 22.90 | 114.6       | 24.95 | 127.4       | 28.49 |
|        | 35                         | 67.50                        | 17.27 | 78.40       | 19.45 | 100.3       | 24.29 | 109.9       | 26.50 | 120.5       | 29.12 | 129.8       | 31.59 | 142.3       | 35.92 |
|        | 37                         | 67.50                        | 18.31 | 78.40       | 20.67 | 100.3       | 25.87 | 109.9       | 28.27 | 120.5       | 31.08 | 129.8       | 33.70 | 142.3       | 38.31 |
|        | 39                         | 67.50                        | 19.61 | 78.40       | 22.05 | 100.3       | 27.63 | 109.9       | 30.15 | 120.5       | 33.16 | 129.8       | 36.00 | 142.3       | 40.91 |
|        | 41                         | 67.50                        | 20.90 | 78.40       | 23.51 | 100.3       | 29.48 | 109.9       | 32.22 | 120.5       | 35.42 | 129.8       | 38.43 | 142.3       | 43.68 |
|        | 43                         | 67.50                        | 22.32 | 78.40       | 25.16 | 100.3       | 31.49 | 109.9       | 34.42 | 120.5       | 37.81 | 129.8       | 41.04 | 142.3       | 46.64 |
|        | 46                         | 67.50                        | 24.70 | 78.40       | 27.89 | 100.3       | 34.81 | 109.9       | 38.01 | 120.5       | 41.77 | 129.8       | 45.28 | 142.3       | 51.44 |
|        | 48                         | 67.50                        | 26.46 | 78.40       | 29.88 | 100.3       | 37.23 | 109.9       | 40.63 | 120.5       | 44.59 | 129.8       | 48.32 | 142.3       | 54.26 |
|        | 50                         | 67.50                        | 28.43 | 78.40       | 32.03 | 100.3       | 39.78 | 109.9       | 43.40 | 120.5       | 47.63 | 129.8       | 50.76 | 142.3       | 57.05 |
|        | 52                         | 67.50                        | 30.60 | 78.40       | 34.32 | 100.3       | 42.49 | 109.9       | 44.60 | 120.5       | 48.41 | 129.8       | 52.41 | 142.3       | 60.24 |
| 50     | 10                         | 17.90                        | 1.45  | 28.50       | 1.88  | 40.60       | 2.65  | 43.30       | 2.81  | 46.40       | 3.02  | 49.50       | 3.23  | 52.60       | 3.46  |
|        | 12                         | 17.90                        | 1.25  | 28.50       | 1.65  | 40.60       | 2.41  | 43.30       | 2.68  | 46.40       | 2.91  | 49.50       | 3.15  | 52.60       | 3.44  |
|        | 14                         | 17.90                        | 1.18  | 28.50       | 1.58  | 40.60       | 2.33  | 43.30       | 2.57  | 46.40       | 2.76  | 49.50       | 2.99  | 52.60       | 3.29  |
|        | 16                         | 17.90                        | 1.14  | 28.50       | 1.54  | 40.60       | 2.26  | 43.30       | 2.42  | 46.40       | 2.64  | 49.50       | 2.87  | 52.60       | 3.11  |
|        | 18                         | 17.90                        | 1.07  | 28.50       | 1.47  | 40.60       | 2.15  | 43.30       | 2.34  | 46.40       | 2.54  | 49.50       | 2.79  | 52.60       | 3.05  |
|        | 20                         | 17.90                        | 1.03  | 28.50       | 1.43  | 40.60       | 2.13  | 43.30       | 2.36  | 46.40       | 2.63  | 49.50       | 2.89  | 52.60       | 3.23  |
|        | 21                         | 20.30                        | 1.02  | 30.80       | 1.54  | 42.90       | 2.40  | 45.60       | 2.66  | 48.40       | 2.94  | 51.40       | 3.24  | 54.20       | 3.68  |
|        | 23                         | 24.90                        | 2.26  | 35.50       | 3.50  | 47.20       | 6.37  | 49.90       | 6.74  | 52.60       | 7.13  | 55.00       | 7.48  | 57.70       | 7.86  |
|        | 25                         | 36.50                        | 5.88  | 40.50       | 6.20  | 51.90       | 7.46  | 54.30       | 7.84  | 56.90       | 8.24  | 58.90       | 8.58  | 61.30       | 9.06  |
|        | 27                         | 36.10                        | 6.35  | 44.90       | 7.25  | 56.60       | 8.81  | 58.90       | 9.26  | 61.30       | 9.75  | 63.10       | 10.10 | 68.60       | 11.03 |
|        | 29                         | 39.80                        | 7.44  | 49.90       | 8.83  | 61.30       | 10.70 | 63.60       | 11.19 | 65.90       | 11.75 | 70.10       | 12.63 | 81.10       | 14.65 |
|        | 31                         | 45.20                        | 9.19  | 54.70       | 10.88 | 66.30       | 13.34 | 68.30       | 14.07 | 74.10       | 15.27 | 82.70       | 16.80 | 93.60       | 19.06 |
|        | 33                         | 50.30                        | 11.76 | 60.00       | 13.92 | 71.40       | 16.19 | 78.40       | 17.65 | 87.30       | 19.37 | 95.50       | 20.98 | 106.1       | 23.66 |
|        | 35                         | 56.10                        | 14.88 | 65.20       | 16.47 | 83.80       | 20.59 | 91.60       | 22.34 | 100.3       | 24.29 | 108.3       | 26.11 | 118.6       | 29.34 |
|        | 37                         | 56.10                        | 15.93 | 65.20       | 17.65 | 83.80       | 21.90 | 91.60       | 23.79 | 100.3       | 25.90 | 108.3       | 27.85 | 118.6       | 31.30 |
|        | 39                         | 56.10                        | 16.85 | 65.20       | 18.73 | 83.80       | 23.36 | 91.60       | 25.35 | 100.3       | 27.63 | 108.3       | 29.73 | 118.6       | 33.41 |
|        | 41                         | 56.10                        | 17.88 | 65.20       | 19.92 | 83.80       | 24.94 | 91.60       | 27.08 | 100.3       | 29.48 | 108.3       | 31.73 | 118.6       | 35.66 |
|        | 43                         | 56.10                        | 18.99 | 65.20       | 21.25 | 83.80       | 26.68 | 91.60       | 28.93 | 100.3       | 31.52 | 108.3       | 33.92 | 118.6       | 38.08 |
|        | 46                         | 56.10                        | 20.91 | 65.20       | 23.51 | 83.80       | 29.52 | 91.60       | 31.98 | 100.3       | 34.84 | 108.3       | 37.43 | 118.6       | 42.01 |
|        | 48                         | 56.10                        | 22.34 | 65.20       | 25.16 | 83.80       | 31.59 | 91.60       | 34.21 | 100.3       | 37.20 | 108.3       | 40.02 | 118.6       | 44.90 |
|        | 50                         | 56.10                        | 23.94 | 65.20       | 27.00 | 83.80       | 33.83 | 91.60       | 36.58 | 100.3       | 39.79 | 108.3       | 42.76 | 118.6       | 47.94 |
|        | 52                         | 56.10                        | 25.67 | 65.20       | 29.03 | 83.80       | 36.20 | 91.60       | 39.13 | 100.3       | 42.53 | 108.3       | 44.13 | 118.6       | 49.23 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM800LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 47.60                        | 3.20  | 76.40       | 5.12  | 108.4       | 7.32  | 116.0       | 7.88  | 123.6       | 8.44  | 131.6       | 9.04  | 140.0       | 9.80  |
|        | 12                              | 47.60                        | 3.20  | 76.40       | 5.16  | 108.4       | 7.40  | 116.0       | 7.96  | 123.6       | 8.52  | 131.6       | 9.12  | 140.0       | 9.96  |
|        | 14                              | 47.60                        | 3.08  | 76.40       | 5.16  | 108.4       | 7.48  | 116.0       | 8.08  | 123.6       | 8.48  | 131.6       | 9.24  | 140.0       | 10.20 |
|        | 16                              | 47.60                        | 3.04  | 76.40       | 5.24  | 108.4       | 7.72  | 116.0       | 8.20  | 123.6       | 8.76  | 131.6       | 9.56  | 140.0       | 10.72 |
|        | 18                              | 47.60                        | 3.08  | 76.40       | 5.32  | 108.4       | 8.00  | 116.0       | 8.64  | 123.6       | 9.36  | 131.6       | 10.28 | 140.0       | 11.80 |
|        | 20                              | 47.60                        | 3.20  | 76.40       | 5.68  | 108.4       | 9.00  | 116.0       | 9.80  | 123.6       | 10.92 | 131.6       | 12.40 | 140.0       | 14.44 |
|        | 21                              | 54.00                        | 4.04  | 82.40       | 7.20  | 114.0       | 12.08 | 121.6       | 12.68 | 129.2       | 13.56 | 136.4       | 14.68 | 144.4       | 15.92 |
|        | 23                              | 66.40                        | 9.20  | 94.40       | 11.84 | 126.0       | 15.00 | 133.2       | 15.72 | 140.4       | 17.20 | 146.8       | 18.08 | 154.0       | 19.52 |
|        | 25                              | 79.60                        | 11.64 | 107.2       | 14.92 | 138.4       | 18.88 | 145.2       | 19.92 | 152.0       | 21.52 | 157.2       | 22.48 | 163.6       | 24.16 |
|        | 27                              | 92.80                        | 15.12 | 120.0       | 18.84 | 150.8       | 24.12 | 157.2       | 25.76 | 163.6       | 27.04 | 168.0       | 27.92 | 182.8       | 31.80 |
|        | 29                              | 106.4                        | 19.44 | 132.8       | 23.80 | 163.6       | 30.12 | 169.6       | 31.48 | 175.6       | 32.96 | 186.4       | 35.56 | 216.0       | 44.72 |
|        | 31                              | 120.4                        | 24.40 | 146.4       | 29.48 | 176.8       | 37.04 | 182.4       | 38.56 | 198.0       | 43.08 | 220.8       | 50.16 | 249.6       | 62.08 |
|        | 33                              | 134.8                        | 30.60 | 160.0       | 36.56 | 190.4       | 45.56 | 209.2       | 51.96 | 232.8       | 60.72 | 254.8       | 69.68 | 282.8       | 85.44 |
|        | 35                              | 149.2                        | 38.44 | 174.4       | 45.32 | 223.2       | 63.68 | 244.4       | 73.00 | 267.6       | 84.72 | 288.4       | 95.44 | 316.0       | 109.2 |
|        | 37                              | 149.2                        | 41.04 | 174.4       | 48.40 | 223.2       | 67.96 | 244.0       | 77.00 | 268.0       | 89.52 | 288.4       | 99.96 | 294.8       | 104.8 |
|        | 39                              | 149.2                        | 43.80 | 174.4       | 51.64 | 222.8       | 68.56 | 244.0       | 78.88 | 267.6       | 92.04 | 276.4       | 96.36 | 273.2       | 97.08 |
|        | 41                              | 149.2                        | 46.76 | 174.4       | 53.72 | 223.2       | 70.40 | 244.0       | 81.20 | 255.6       | 87.72 | 255.6       | 87.72 | 252.4       | 88.84 |
|        | 43                              | 149.2                        | 49.92 | 174.4       | 54.28 | 223.2       | 75.12 | 235.2       | 81.92 | 235.6       | 81.84 | 235.2       | 81.80 | 232.8       | 83.16 |
|        | 46                              | 149.2                        | 53.36 | 174.4       | 59.36 | 207.2       | 75.40 | 206.8       | 75.32 | 207.2       | 75.28 | 206.8       | 75.40 | 204.4       | 76.16 |
|        | 48                              | 149.2                        | 56.40 | 174.4       | 65.36 | 189.2       | 72.96 | 189.6       | 73.20 | 189.2       | 72.92 | 188.8       | 72.84 | 186.8       | 73.80 |
|        | 50                              | 149.6                        | 60.04 | 172.4       | 69.76 | 172.0       | 69.64 | 172.0       | 69.72 | 172.0       | 69.68 | 171.6       | 69.56 | 169.6       | 70.48 |
|        | 52                              | 147.2                        | 63.92 | 149.2       | 61.28 | 151.6       | 58.20 | 152.0       | 57.52 | 152.8       | 56.84 | 153.2       | 56.28 | 153.6       | 56.60 |
| 120    | 10                              | 44.00                        | 2.96  | 70.80       | 4.72  | 100.0       | 6.76  | 107.2       | 7.24  | 114.0       | 7.76  | 121.6       | 8.28  | 129.2       | 8.92  |
|        | 12                              | 44.00                        | 2.96  | 70.80       | 4.72  | 100.0       | 6.80  | 107.2       | 7.32  | 114.0       | 7.84  | 121.6       | 8.36  | 129.2       | 9.04  |
|        | 14                              | 44.00                        | 2.84  | 70.80       | 4.76  | 100.0       | 6.88  | 107.2       | 7.40  | 114.0       | 7.96  | 121.6       | 8.40  | 129.2       | 9.12  |
|        | 16                              | 44.00                        | 2.72  | 70.80       | 4.72  | 100.0       | 7.04  | 107.2       | 7.60  | 114.0       | 8.04  | 121.6       | 8.52  | 129.2       | 9.48  |
|        | 18                              | 44.00                        | 2.76  | 70.80       | 4.84  | 100.0       | 7.36  | 107.2       | 7.88  | 114.0       | 8.40  | 121.6       | 9.08  | 129.2       | 10.24 |
|        | 20                              | 44.00                        | 2.84  | 70.80       | 5.12  | 100.0       | 8.08  | 107.2       | 8.88  | 114.0       | 9.52  | 121.6       | 10.60 | 129.2       | 12.56 |
|        | 21                              | 49.60                        | 3.56  | 76.00       | 6.36  | 105.6       | 10.84 | 112.4       | 11.92 | 119.2       | 12.40 | 126.0       | 13.20 | 133.6       | 14.64 |
|        | 23                              | 61.60                        | 8.68  | 87.20       | 11.08 | 116.4       | 14.04 | 122.8       | 14.68 | 129.6       | 15.28 | 135.6       | 16.36 | 142.0       | 17.80 |
|        | 25                              | 73.60                        | 10.80 | 98.80       | 13.92 | 127.6       | 17.40 | 134.0       | 18.28 | 140.4       | 19.12 | 145.2       | 20.40 | 150.8       | 21.88 |
|        | 27                              | 85.60                        | 13.96 | 110.8       | 17.40 | 139.2       | 22.20 | 145.2       | 23.04 | 151.2       | 24.52 | 155.2       | 25.36 | 168.8       | 28.72 |
|        | 29                              | 98.40                        | 18.00 | 122.8       | 21.92 | 151.2       | 27.40 | 156.4       | 28.56 | 162.4       | 29.84 | 172.4       | 32.12 | 199.6       | 40.00 |
|        | 31                              | 111.2                        | 22.56 | 135.2       | 26.96 | 163.2       | 33.52 | 168.4       | 34.80 | 182.8       | 38.68 | 203.6       | 44.80 | 230.4       | 54.96 |
|        | 33                              | 124.4                        | 28.04 | 148.0       | 33.20 | 175.6       | 41.00 | 193.2       | 46.52 | 215.2       | 54.00 | 235.2       | 61.60 | 261.2       | 74.76 |
|        | 35                              | 138.0                        | 35.00 | 161.2       | 40.96 | 206.0       | 56.72 | 225.6       | 64.64 | 247.2       | 74.40 | 266.4       | 84.08 | 292.0       | 98.76 |
|        | 37                              | 138.0                        | 37.36 | 161.2       | 43.76 | 206.0       | 60.52 | 225.6       | 69.04 | 247.2       | 78.48 | 266.4       | 88.80 | 292.0       | 103.5 |
|        | 39                              | 138.0                        | 39.88 | 161.2       | 46.68 | 206.0       | 62.28 | 225.2       | 69.64 | 247.2       | 80.40 | 266.4       | 91.28 | 273.2       | 97.12 |
|        | 41                              | 138.0                        | 42.56 | 161.2       | 49.84 | 206.0       | 62.60 | 225.2       | 71.56 | 247.2       | 82.84 | 255.2       | 87.72 | 252.4       | 88.88 |
|        | 43                              | 138.0                        | 45.44 | 161.2       | 51.24 | 206.0       | 66.68 | 225.6       | 76.36 | 235.6       | 81.88 | 235.6       | 81.88 | 232.4       | 82.92 |
|        | 46                              | 138.0                        | 50.16 | 160.8       | 53.64 | 206.0       | 74.68 | 207.2       | 75.36 | 206.8       | 75.28 | 206.8       | 75.28 | 204.8       | 76.28 |
|        | 48                              | 138.0                        | 52.76 | 161.2       | 59.08 | 189.6       | 73.08 | 189.2       | 73.00 | 188.8       | 72.96 | 188.8       | 72.84 | 186.8       | 73.92 |
|        | 50                              | 138.0                        | 55.24 | 161.2       | 63.96 | 172.0       | 69.64 | 172.0       | 69.60 | 172.0       | 69.72 | 171.6       | 69.60 | 170.0       | 70.48 |
|        | 52                              | 138.0                        | 58.32 | 148.4       | 62.56 | 150.8       | 59.40 | 151.2       | 58.80 | 151.6       | 58.16 | 152.0       | 57.64 | 152.4       | 58.12 |
| 110    | 10                              | 40.40                        | 2.68  | 64.80       | 4.32  | 91.60       | 6.16  | 98.00       | 6.64  | 104.4       | 7.08  | 111.2       | 7.56  | 118.4       | 8.12  |
|        | 12                              | 40.40                        | 2.68  | 64.80       | 4.32  | 91.60       | 6.20  | 98.00       | 6.68  | 104.4       | 7.12  | 111.2       | 7.64  | 118.4       | 8.24  |
|        | 14                              | 40.40                        | 2.56  | 64.80       | 4.24  | 91.60       | 6.28  | 98.00       | 6.72  | 104.4       | 7.20  | 111.2       | 7.72  | 118.4       | 8.36  |
|        | 16                              | 40.40                        | 2.44  | 64.80       | 4.24  | 91.60       | 6.40  | 98.00       | 6.88  | 104.4       | 7.40  | 111.2       | 7.84  | 118.4       | 8.52  |
|        | 18                              | 40.40                        | 2.44  | 64.80       | 4.32  | 91.60       | 6.64  | 98.00       | 7.20  | 104.4       | 7.64  | 111.2       | 8.24  | 118.4       | 9.04  |
|        | 20                              | 40.40                        | 2.52  | 64.80       | 4.52  | 91.60       | 7.20  | 98.00       | 7.88  | 104.4       | 8.56  | 111.2       | 9.28  | 118.4       | 10.60 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 45.60                        | 3.08  | 69.60       | 5.56  | 96.80       | 9.32  | 102.8       | 10.44 | 109.2       | 11.44 | 115.6       | 12.16 | 122.4       | 13.00 |
|        | 23                               | 56.40                        | 8.04  | 80.00       | 10.36 | 106.8       | 13.04 | 112.8       | 13.60 | 118.8       | 14.16 | 124.0       | 14.68 | 130.0       | 15.72 |
|        | 25                               | 67.20                        | 10.04 | 90.40       | 12.68 | 117.2       | 16.00 | 122.8       | 16.76 | 128.4       | 17.44 | 133.2       | 18.08 | 138.4       | 19.44 |
|        | 27                               | 78.40                        | 12.68 | 101.2       | 16.04 | 127.6       | 20.12 | 132.8       | 20.84 | 138.4       | 21.80 | 142.0       | 22.40 | 154.4       | 25.88 |
|        | 29                               | 90.00                        | 16.60 | 112.4       | 20.08 | 138.4       | 24.88 | 143.6       | 25.84 | 148.8       | 26.96 | 157.6       | 28.88 | 182.8       | 35.60 |
|        | 31                               | 102.0                        | 20.80 | 123.6       | 24.56 | 149.6       | 30.20 | 154.4       | 31.32 | 167.6       | 34.64 | 186.8       | 39.80 | 211.2       | 48.44 |
|        | 33                               | 114.0                        | 25.64 | 135.6       | 30.04 | 160.8       | 36.72 | 177.2       | 41.44 | 197.2       | 47.80 | 215.2       | 54.20 | 239.2       | 65.16 |
|        | 35                               | 126.4                        | 31.72 | 147.6       | 36.88 | 188.8       | 50.32 | 206.8       | 57.00 | 226.4       | 65.12 | 244.0       | 73.08 | 267.2       | 87.40 |
|        | 37                               | 126.4                        | 33.88 | 147.6       | 39.36 | 188.8       | 53.72 | 206.8       | 60.84 | 226.4       | 69.56 | 244.0       | 78.12 | 267.6       | 92.48 |
|        | 39                               | 126.4                        | 36.16 | 147.6       | 42.04 | 188.8       | 57.32 | 206.8       | 63.12 | 226.4       | 70.28 | 244.0       | 78.92 | 267.6       | 94.56 |
|        | 41                               | 126.4                        | 38.60 | 147.6       | 44.88 | 188.8       | 58.44 | 206.8       | 63.00 | 226.8       | 72.12 | 244.0       | 81.24 | 252.4       | 88.92 |
|        | 43                               | 126.4                        | 41.24 | 147.6       | 47.92 | 188.8       | 59.08 | 206.4       | 67.00 | 226.8       | 76.96 | 235.2       | 81.92 | 232.8       | 83.04 |
|        | 46                               | 126.4                        | 45.52 | 147.6       | 49.92 | 188.4       | 66.00 | 206.4       | 75.04 | 207.2       | 75.40 | 206.8       | 75.32 | 204.4       | 76.32 |
|        | 48                               | 126.4                        | 48.60 | 147.6       | 53.20 | 188.8       | 72.68 | 188.8       | 72.84 | 189.6       | 73.04 | 188.8       | 72.92 | 186.4       | 73.80 |
|        | 50                               | 126.4                        | 51.32 | 147.2       | 57.60 | 172.0       | 69.80 | 172.0       | 69.76 | 172.0       | 69.72 | 172.0       | 69.60 | 170.0       | 70.44 |
| 100    | 52                               | 126.8                        | 52.12 | 147.2       | 63.24 | 149.6       | 60.96 | 150.0       | 60.32 | 150.4       | 59.68 | 149.6       | 59.12 | 151.6       | 59.12 |
|        | 10                               | 36.80                        | 2.44  | 58.80       | 3.92  | 83.20       | 5.60  | 89.20       | 6.00  | 95.20       | 6.40  | 101.2       | 6.84  | 107.6       | 7.36  |
|        | 12                               | 36.80                        | 2.44  | 58.80       | 3.92  | 83.20       | 5.60  | 89.20       | 6.04  | 95.20       | 6.44  | 101.2       | 6.88  | 107.6       | 7.44  |
|        | 14                               | 36.80                        | 2.32  | 58.80       | 3.80  | 83.20       | 5.64  | 89.20       | 6.08  | 95.20       | 6.52  | 101.2       | 6.96  | 107.6       | 7.52  |
|        | 16                               | 36.80                        | 2.16  | 58.80       | 3.72  | 83.20       | 5.68  | 89.20       | 6.20  | 95.20       | 6.64  | 101.2       | 7.12  | 107.6       | 7.76  |
|        | 18                               | 36.80                        | 2.12  | 58.80       | 3.80  | 83.20       | 5.84  | 89.20       | 6.36  | 95.20       | 6.92  | 101.2       | 7.40  | 107.6       | 8.12  |
|        | 20                               | 36.80                        | 2.20  | 58.80       | 3.96  | 83.20       | 6.32  | 89.20       | 6.92  | 95.20       | 7.52  | 101.2       | 8.20  | 107.6       | 9.36  |
|        | 21                               | 41.60                        | 2.68  | 63.60       | 4.76  | 88.00       | 7.96  | 93.60       | 8.88  | 99.20       | 9.80  | 105.2       | 10.76 | 111.2       | 12.08 |
|        | 23                               | 51.20                        | 7.48  | 72.80       | 9.52  | 97.20       | 12.00 | 102.4       | 12.60 | 108.0       | 13.12 | 112.8       | 13.60 | 118.4       | 14.44 |
|        | 25                               | 61.20                        | 9.16  | 82.40       | 11.64 | 106.4       | 14.84 | 111.6       | 15.48 | 116.8       | 15.96 | 121.2       | 16.44 | 125.6       | 17.44 |
|        | 27                               | 71.20                        | 11.52 | 92.40       | 14.72 | 116.0       | 18.20 | 120.8       | 19.00 | 126.0       | 19.84 | 129.2       | 20.44 | 140.4       | 22.68 |
|        | 29                               | 81.60                        | 15.00 | 102.4       | 18.28 | 126.0       | 22.48 | 130.4       | 23.32 | 135.2       | 24.28 | 143.6       | 25.88 | 166.4       | 31.52 |
|        | 31                               | 92.40                        | 19.08 | 112.8       | 22.32 | 136.0       | 27.12 | 140.4       | 28.04 | 152.4       | 30.88 | 169.6       | 35.20 | 192.0       | 42.40 |
|        | 33                               | 103.6                        | 23.36 | 123.2       | 27.12 | 146.4       | 32.80 | 161.2       | 36.76 | 179.2       | 42.08 | 196.0       | 47.44 | 217.6       | 56.56 |
|        | 35                               | 114.8                        | 28.72 | 134.0       | 33.04 | 171.6       | 44.40 | 188.0       | 49.96 | 206.0       | 56.76 | 222.0       | 63.24 | 243.2       | 74.84 |
| 90     | 37                               | 114.8                        | 30.60 | 134.0       | 35.28 | 171.6       | 47.40 | 188.0       | 53.36 | 206.0       | 60.56 | 222.0       | 67.52 | 243.2       | 80.04 |
|        | 39                               | 114.8                        | 32.64 | 134.0       | 37.64 | 171.6       | 50.60 | 188.0       | 56.96 | 206.0       | 63.64 | 222.0       | 68.72 | 243.2       | 80.92 |
|        | 41                               | 114.8                        | 34.88 | 134.0       | 40.20 | 171.6       | 54.00 | 188.0       | 58.80 | 206.0       | 63.52 | 222.0       | 69.96 | 243.2       | 83.36 |
|        | 43                               | 114.8                        | 37.28 | 134.0       | 42.96 | 171.6       | 55.00 | 188.0       | 59.36 | 205.6       | 66.76 | 222.0       | 74.60 | 233.2       | 83.12 |
|        | 46                               | 114.8                        | 41.16 | 134.0       | 46.36 | 171.2       | 58.16 | 188.0       | 65.56 | 206.0       | 74.64 | 207.6       | 75.40 | 204.4       | 76.24 |
|        | 48                               | 114.8                        | 43.96 | 134.0       | 49.08 | 171.6       | 63.96 | 187.6       | 72.20 | 189.2       | 72.96 | 189.2       | 72.88 | 186.8       | 73.76 |
|        | 50                               | 114.8                        | 46.96 | 134.0       | 51.72 | 171.6       | 69.40 | 172.4       | 69.76 | 172.0       | 69.68 | 172.4       | 69.76 | 169.6       | 70.40 |
|        | 52                               | 114.8                        | 47.72 | 134.0       | 55.80 | 148.0       | 62.76 | 148.8       | 61.80 | 149.6       | 60.80 | 150.4       | 59.84 | 151.2       | 59.84 |
|        | 10                               | 33.20                        | 2.20  | 52.80       | 3.52  | 74.80       | 5.00  | 80.40       | 5.40  | 85.60       | 5.76  | 91.20       | 6.12  | 96.80       | 6.60  |
|        | 12                               | 33.20                        | 2.12  | 52.80       | 3.52  | 74.80       | 5.04  | 80.40       | 5.40  | 85.60       | 5.76  | 91.20       | 6.16  | 96.80       | 6.64  |
|        | 14                               | 33.20                        | 2.00  | 52.80       | 3.36  | 74.80       | 4.92  | 80.40       | 5.44  | 85.60       | 5.84  | 91.20       | 6.24  | 96.80       | 6.72  |
|        | 16                               | 33.20                        | 1.92  | 52.80       | 3.16  | 74.80       | 4.96  | 80.40       | 5.44  | 85.60       | 5.92  | 91.20       | 6.36  | 96.80       | 6.88  |
|        | 18                               | 33.20                        | 1.80  | 52.80       | 3.24  | 74.80       | 5.08  | 80.40       | 5.56  | 85.60       | 6.04  | 91.20       | 6.60  | 96.80       | 7.16  |
|        | 20                               | 33.20                        | 1.88  | 52.80       | 3.40  | 74.80       | 5.44  | 80.40       | 6.00  | 85.60       | 6.52  | 91.20       | 7.12  | 96.80       | 8.08  |
|        | 21                               | 37.20                        | 2.24  | 57.20       | 4.04  | 79.20       | 6.68  | 84.40       | 7.40  | 89.20       | 8.24  | 94.80       | 9.04  | 100.0       | 10.84 |
|        | 23                               | 46.00                        | 6.84  | 65.60       | 8.72  | 87.20       | 11.00 | 92.40       | 11.52 | 97.20       | 12.08 | 101.6       | 12.52 | 106.4       | 13.24 |
|        | 25                               | 55.20                        | 8.36  | 74.00       | 10.56 | 95.60       | 13.32 | 100.4       | 14.08 | 105.2       | 14.68 | 108.8       | 15.16 | 113.2       | 15.84 |
|        | 27                               | 64.40                        | 10.32 | 82.80       | 13.08 | 104.4       | 16.44 | 108.8       | 17.12 | 113.2       | 17.80 | 116.4       | 18.28 | 126.4       | 20.40 |
|        | 29                               | 73.60                        | 13.20 | 92.00       | 16.60 | 113.2       | 20.24 | 117.2       | 20.96 | 121.6       | 21.76 | 129.2       | 23.12 | 149.6       | 27.80 |
|        | 31                               | 83.60                        | 17.44 | 101.2       | 20.24 | 122.4       | 24.24 | 126.4       | 25.04 | 137.2       | 27.36 | 152.8       | 30.96 | 172.8       | 36.96 |
|        | 33                               | 93.20                        | 21.24 | 110.8       | 24.40 | 131.6       | 29.12 | 144.8       | 32.44 | 161.2       | 36.84 | 176.4       | 41.24 | 196.0       | 48.72 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 103.6                        | 25.84 | 120.8       | 29.48 | 154.4       | 38.92 | 169.2       | 43.56 | 185.2       | 49.08 | 200.0       | 54.40 | 218.8       | 63.76 |
|        | 37                              | 103.6                        | 27.52 | 120.8       | 31.44 | 154.4       | 41.56 | 169.2       | 46.48 | 185.2       | 52.40 | 200.0       | 58.08 | 218.8       | 68.12 |
|        | 39                              | 103.6                        | 29.40 | 120.8       | 33.56 | 154.4       | 44.40 | 169.2       | 49.64 | 185.2       | 55.92 | 200.0       | 62.00 | 218.8       | 71.52 |
|        | 41                              | 103.6                        | 31.36 | 120.8       | 35.84 | 154.4       | 47.40 | 169.2       | 53.00 | 185.2       | 58.68 | 200.0       | 62.72 | 218.8       | 71.48 |
|        | 43                              | 103.6                        | 33.52 | 120.8       | 38.32 | 154.4       | 50.60 | 169.2       | 54.80 | 185.2       | 59.32 | 200.0       | 63.92 | 218.8       | 75.28 |
|        | 46                              | 103.6                        | 37.04 | 120.8       | 42.28 | 154.4       | 52.68 | 168.8       | 57.04 | 185.6       | 64.36 | 199.6       | 71.52 | 204.8       | 76.28 |
|        | 48                              | 103.6                        | 39.56 | 120.8       | 45.20 | 154.4       | 56.12 | 168.8       | 62.76 | 185.2       | 70.92 | 189.2       | 73.00 | 187.2       | 73.96 |
|        | 50                              | 103.6                        | 42.32 | 120.8       | 47.36 | 154.4       | 60.80 | 168.8       | 68.04 | 172.0       | 69.64 | 172.4       | 69.72 | 170.4       | 70.56 |
|        | 52                              | 103.6                        | 45.24 | 120.8       | 48.80 | 147.6       | 63.72 | 148.4       | 62.72 | 149.2       | 61.68 | 149.6       | 60.72 | 150.4       | 60.76 |
| 80     | 10                              | 29.20                        | 1.96  | 47.20       | 3.12  | 66.80       | 4.44  | 71.20       | 4.76  | 76.00       | 5.08  | 80.80       | 5.44  | 86.00       | 5.84  |
|        | 12                              | 29.20                        | 1.80  | 47.20       | 3.12  | 66.80       | 4.44  | 71.20       | 4.80  | 76.00       | 5.12  | 80.80       | 5.44  | 86.00       | 5.88  |
|        | 14                              | 29.20                        | 1.72  | 47.20       | 2.96  | 66.80       | 4.32  | 71.20       | 4.64  | 76.00       | 5.00  | 80.80       | 5.48  | 86.00       | 5.92  |
|        | 16                              | 29.20                        | 1.64  | 47.20       | 2.76  | 66.80       | 4.20  | 71.20       | 4.64  | 76.00       | 5.08  | 80.80       | 5.52  | 86.00       | 6.04  |
|        | 18                              | 29.20                        | 1.60  | 47.20       | 2.76  | 66.80       | 4.32  | 71.20       | 4.76  | 76.00       | 5.20  | 80.80       | 5.64  | 86.00       | 6.24  |
|        | 20                              | 29.20                        | 1.56  | 47.20       | 2.84  | 66.80       | 4.56  | 71.20       | 5.04  | 76.00       | 5.56  | 80.80       | 6.04  | 86.00       | 6.84  |
|        | 21                              | 33.20                        | 1.88  | 50.80       | 3.32  | 70.40       | 5.48  | 74.80       | 6.08  | 79.60       | 6.76  | 84.00       | 7.44  | 89.20       | 8.84  |
|        | 23                              | 40.80                        | 6.24  | 58.40       | 7.88  | 77.60       | 9.88  | 82.00       | 10.48 | 86.40       | 10.96 | 90.40       | 11.32 | 94.80       | 12.04 |
|        | 25                              | 48.80                        | 7.48  | 66.00       | 9.44  | 85.20       | 11.92 | 89.20       | 12.44 | 93.60       | 13.16 | 96.80       | 13.68 | 100.8       | 14.40 |
|        | 27                              | 57.20                        | 9.28  | 73.60       | 11.60 | 92.80       | 14.80 | 96.80       | 15.36 | 100.8       | 15.92 | 103.2       | 16.32 | 112.4       | 18.08 |
|        | 29                              | 65.60                        | 11.76 | 82.00       | 14.68 | 100.8       | 18.00 | 104.4       | 18.64 | 108.4       | 19.32 | 114.8       | 20.52 | 133.2       | 24.40 |
|        | 31                              | 74.00                        | 15.32 | 90.00       | 18.20 | 108.8       | 21.60 | 112.0       | 22.24 | 122.0       | 24.16 | 135.6       | 27.08 | 153.6       | 31.96 |
|        | 33                              | 82.80                        | 19.08 | 98.80       | 21.84 | 117.2       | 25.72 | 128.8       | 28.44 | 143.2       | 32.04 | 156.4       | 35.60 | 174.4       | 41.64 |
|        | 35                              | 92.00                        | 23.16 | 107.2       | 26.16 | 137.2       | 33.92 | 150.4       | 37.68 | 164.8       | 42.20 | 177.6       | 46.44 | 194.8       | 53.96 |
|        | 37                              | 92.00                        | 24.64 | 107.2       | 27.88 | 137.2       | 36.20 | 150.4       | 40.24 | 164.8       | 45.00 | 177.6       | 49.56 | 194.8       | 57.60 |
|        | 39                              | 92.00                        | 26.28 | 107.2       | 29.76 | 137.2       | 38.64 | 150.4       | 42.96 | 164.8       | 48.04 | 177.6       | 52.92 | 194.8       | 61.48 |
|        | 41                              | 92.00                        | 28.08 | 107.2       | 31.76 | 137.2       | 41.28 | 150.4       | 45.88 | 164.8       | 51.32 | 177.6       | 56.48 | 194.8       | 64.84 |
|        | 43                              | 92.00                        | 30.00 | 107.2       | 33.96 | 137.2       | 44.08 | 150.4       | 48.92 | 164.8       | 54.00 | 177.6       | 57.80 | 194.8       | 65.60 |
|        | 46                              | 92.00                        | 33.12 | 107.2       | 37.52 | 137.2       | 47.92 | 150.4       | 51.88 | 164.8       | 56.16 | 177.6       | 60.88 | 194.4       | 70.92 |
|        | 48                              | 92.00                        | 35.44 | 107.2       | 40.12 | 137.2       | 50.68 | 150.4       | 54.84 | 164.8       | 60.80 | 177.6       | 67.00 | 187.2       | 73.96 |
|        | 50                              | 92.00                        | 37.92 | 107.2       | 42.88 | 137.2       | 53.08 | 150.0       | 58.84 | 164.8       | 65.84 | 172.4       | 69.72 | 169.6       | 70.44 |
|        | 52                              | 92.00                        | 40.56 | 107.2       | 43.52 | 137.2       | 57.32 | 147.6       | 63.28 | 148.4       | 62.88 | 148.8       | 61.88 | 149.6       | 61.92 |
| 70     | 10                              | 25.60                        | 1.72  | 41.20       | 2.72  | 58.40       | 3.88  | 62.40       | 4.16  | 66.40       | 4.44  | 70.80       | 4.72  | 75.20       | 5.08  |
|        | 12                              | 25.60                        | 1.52  | 41.20       | 2.60  | 58.40       | 3.88  | 62.40       | 4.16  | 66.40       | 4.44  | 70.80       | 4.76  | 75.20       | 5.12  |
|        | 14                              | 25.60                        | 1.48  | 41.20       | 2.52  | 58.40       | 3.68  | 62.40       | 4.00  | 66.40       | 4.32  | 70.80       | 4.60  | 75.20       | 5.00  |
|        | 16                              | 25.60                        | 1.40  | 41.20       | 2.36  | 58.40       | 3.52  | 62.40       | 3.84  | 66.40       | 4.24  | 70.80       | 4.60  | 75.20       | 5.04  |
|        | 18                              | 25.60                        | 1.36  | 41.20       | 2.28  | 58.40       | 3.56  | 62.40       | 3.92  | 66.40       | 4.32  | 70.80       | 4.72  | 75.20       | 5.20  |
|        | 20                              | 25.60                        | 1.32  | 41.20       | 2.32  | 58.40       | 3.72  | 62.40       | 4.16  | 66.40       | 4.56  | 70.80       | 5.00  | 75.20       | 5.64  |
|        | 21                              | 29.20                        | 1.52  | 44.40       | 2.68  | 61.60       | 4.36  | 65.60       | 4.88  | 69.60       | 5.40  | 73.60       | 5.96  | 77.60       | 6.96  |
|        | 23                              | 36.00                        | 5.40  | 50.80       | 7.04  | 68.00       | 8.76  | 71.60       | 9.28  | 75.60       | 9.76  | 79.20       | 10.16 | 82.80       | 10.80 |
|        | 25                              | 42.80                        | 6.68  | 57.60       | 8.40  | 74.40       | 10.52 | 78.00       | 11.08 | 81.60       | 11.56 | 84.80       | 12.00 | 88.00       | 12.72 |
|        | 27                              | 50.00                        | 8.12  | 64.40       | 10.20 | 81.20       | 12.68 | 84.80       | 13.40 | 88.00       | 14.20 | 90.40       | 14.52 | 98.40       | 15.92 |
|        | 29                              | 57.60                        | 10.20 | 71.60       | 12.72 | 88.00       | 15.92 | 91.20       | 16.44 | 94.80       | 17.00 | 100.4       | 17.96 | 116.4       | 21.28 |
|        | 31                              | 64.80                        | 13.12 | 78.80       | 16.24 | 95.20       | 19.12 | 98.00       | 19.68 | 106.4       | 21.20 | 118.8       | 23.56 | 134.4       | 27.44 |
|        | 33                              | 72.80                        | 16.80 | 86.00       | 19.36 | 102.4       | 22.56 | 112.8       | 24.76 | 125.2       | 27.64 | 137.2       | 30.44 | 152.4       | 35.28 |
|        | 35                              | 80.80                        | 20.56 | 93.60       | 23.08 | 120.0       | 29.32 | 131.6       | 32.32 | 144.0       | 35.88 | 155.2       | 39.24 | 170.0       | 45.20 |
|        | 37                              | 80.80                        | 21.88 | 93.60       | 24.56 | 120.0       | 31.24 | 131.6       | 34.48 | 144.0       | 38.32 | 155.2       | 41.88 | 170.0       | 48.20 |
|        | 39                              | 80.80                        | 23.32 | 93.60       | 26.20 | 120.0       | 33.40 | 131.6       | 36.84 | 144.0       | 40.88 | 155.2       | 44.72 | 170.0       | 51.44 |
|        | 41                              | 80.80                        | 24.92 | 93.60       | 28.00 | 120.0       | 35.64 | 131.6       | 39.36 | 144.0       | 43.68 | 155.2       | 47.76 | 170.0       | 54.92 |
|        | 43                              | 80.80                        | 26.68 | 93.60       | 29.92 | 120.0       | 38.08 | 131.6       | 42.00 | 144.0       | 46.60 | 155.2       | 50.96 | 170.0       | 58.60 |
|        | 46                              | 80.80                        | 29.48 | 93.60       | 33.04 | 120.0       | 42.08 | 131.6       | 46.36 | 144.0       | 50.40 | 155.2       | 53.92 | 170.0       | 60.92 |
|        | 48                              | 80.80                        | 31.56 | 93.60       | 35.36 | 120.0       | 44.96 | 131.6       | 49.52 | 144.0       | 53.32 | 155.2       | 56.96 | 170.4       | 65.12 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 80.80                        | 33.76 | 93.60       | 37.84 | 120.0       | 48.00 | 131.6       | 51.52 | 144.0       | 56.08 | 155.6       | 61.32 | 170.0       | 70.52 |
|        | 52                              | 80.80                        | 36.16 | 93.60       | 40.44 | 120.0       | 48.04 | 131.6       | 53.96 | 144.0       | 61.20 | 148.0       | 63.48 | 148.4       | 63.52 |
| 60     | 10                              | 22.00                        | 1.48  | 35.20       | 2.32  | 50.00       | 3.32  | 53.60       | 3.56  | 57.20       | 3.80  | 60.80       | 4.04  | 64.40       | 4.36  |
|        | 12                              | 22.00                        | 1.28  | 35.20       | 2.12  | 50.00       | 3.20  | 53.60       | 3.56  | 57.20       | 3.80  | 60.80       | 4.04  | 64.40       | 4.36  |
|        | 14                              | 22.00                        | 1.24  | 35.20       | 2.04  | 50.00       | 3.08  | 53.60       | 3.36  | 57.20       | 3.64  | 60.80       | 3.88  | 64.40       | 4.20  |
|        | 16                              | 22.00                        | 1.20  | 35.20       | 1.96  | 50.00       | 2.92  | 53.60       | 3.16  | 57.20       | 3.44  | 60.80       | 3.68  | 64.40       | 4.08  |
|        | 18                              | 22.00                        | 1.16  | 35.20       | 1.88  | 50.00       | 2.84  | 53.60       | 3.16  | 57.20       | 3.44  | 60.80       | 3.80  | 64.40       | 4.16  |
|        | 20                              | 22.00                        | 1.08  | 35.20       | 1.88  | 50.00       | 2.96  | 53.60       | 3.28  | 57.20       | 3.64  | 60.80       | 4.00  | 64.40       | 4.48  |
|        | 21                              | 24.80                        | 1.24  | 38.00       | 2.08  | 52.80       | 3.40  | 56.00       | 3.76  | 59.60       | 4.20  | 63.20       | 4.60  | 66.80       | 5.36  |
|        | 23                              | 30.80                        | 3.60  | 43.60       | 5.80  | 58.40       | 7.68  | 61.60       | 8.12  | 64.80       | 8.56  | 67.60       | 8.88  | 71.20       | 9.48  |
|        | 25                              | 38.40                        | 6.12  | 49.60       | 7.32  | 64.00       | 9.00  | 66.80       | 9.56  | 70.00       | 10.04 | 72.80       | 10.48 | 75.60       | 11.00 |
|        | 27                              | 42.80                        | 7.12  | 55.20       | 8.72  | 69.60       | 10.84 | 72.40       | 11.44 | 75.60       | 11.96 | 77.60       | 12.44 | 84.40       | 13.72 |
|        | 29                              | 49.20                        | 8.76  | 61.20       | 10.76 | 75.60       | 13.36 | 78.40       | 14.12 | 81.20       | 14.88 | 86.00       | 15.64 | 100.0       | 18.24 |
|        | 31                              | 55.60                        | 11.16 | 67.60       | 13.72 | 81.60       | 16.72 | 84.00       | 17.20 | 91.60       | 18.48 | 102.0       | 20.32 | 115.2       | 23.36 |
|        | 33                              | 62.40                        | 14.48 | 74.00       | 16.96 | 88.00       | 19.64 | 96.80       | 21.44 | 107.6       | 23.68 | 117.6       | 25.84 | 130.8       | 29.56 |
|        | 35                              | 69.20                        | 17.76 | 80.40       | 20.08 | 102.8       | 25.12 | 112.8       | 27.44 | 123.6       | 30.20 | 133.2       | 32.80 | 146.0       | 37.36 |
|        | 37                              | 69.20                        | 18.84 | 80.40       | 21.36 | 102.8       | 26.76 | 112.8       | 29.28 | 123.6       | 32.24 | 133.2       | 35.00 | 146.0       | 39.84 |
|        | 39                              | 69.20                        | 20.24 | 80.40       | 22.80 | 102.8       | 28.60 | 112.8       | 31.24 | 123.6       | 34.40 | 133.2       | 37.40 | 146.0       | 42.56 |
|        | 41                              | 69.20                        | 21.60 | 80.40       | 24.32 | 102.8       | 30.52 | 112.8       | 33.40 | 123.6       | 36.76 | 133.2       | 39.92 | 146.0       | 45.44 |
|        | 43                              | 69.20                        | 23.08 | 80.40       | 26.04 | 102.8       | 32.60 | 112.8       | 35.68 | 123.6       | 39.24 | 133.2       | 42.64 | 146.0       | 48.52 |
|        | 46                              | 69.20                        | 25.56 | 80.40       | 28.88 | 102.8       | 36.04 | 112.8       | 39.40 | 123.6       | 43.36 | 133.2       | 47.04 | 146.0       | 53.52 |
|        | 48                              | 69.20                        | 27.40 | 80.40       | 30.92 | 102.8       | 38.56 | 112.8       | 42.12 | 123.6       | 46.28 | 133.2       | 50.20 | 146.0       | 56.28 |
|        | 50                              | 69.20                        | 29.44 | 80.40       | 33.12 | 102.8       | 41.20 | 112.8       | 45.00 | 123.6       | 49.44 | 133.2       | 52.48 | 146.0       | 58.92 |
|        | 52                              | 69.20                        | 31.72 | 80.40       | 35.44 | 102.8       | 44.00 | 112.8       | 45.72 | 123.6       | 49.52 | 133.2       | 54.68 | 146.0       | 63.16 |
| 50     | 10                              | 18.40                        | 1.44  | 29.20       | 1.96  | 41.60       | 2.76  | 44.40       | 2.92  | 47.60       | 3.16  | 50.80       | 3.36  | 54.00       | 3.60  |
|        | 12                              | 18.40                        | 1.24  | 29.20       | 1.72  | 41.60       | 2.52  | 44.40       | 2.80  | 47.60       | 3.04  | 50.80       | 3.28  | 54.00       | 3.60  |
|        | 14                              | 18.40                        | 1.20  | 29.20       | 1.64  | 41.60       | 2.44  | 44.40       | 2.68  | 47.60       | 2.88  | 50.80       | 3.12  | 54.00       | 3.44  |
|        | 16                              | 18.40                        | 1.16  | 29.20       | 1.60  | 41.60       | 2.36  | 44.40       | 2.52  | 47.60       | 2.76  | 50.80       | 3.00  | 54.00       | 3.24  |
|        | 18                              | 18.40                        | 1.08  | 29.20       | 1.52  | 41.60       | 2.24  | 44.40       | 2.44  | 47.60       | 2.64  | 50.80       | 2.92  | 54.00       | 3.20  |
|        | 20                              | 18.40                        | 1.04  | 29.20       | 1.48  | 41.60       | 2.24  | 44.40       | 2.48  | 47.60       | 2.76  | 50.80       | 3.04  | 54.00       | 3.40  |
|        | 21                              | 20.80                        | 1.04  | 31.60       | 1.60  | 44.00       | 2.52  | 46.80       | 2.80  | 49.60       | 3.08  | 52.80       | 3.40  | 55.60       | 3.88  |
|        | 23                              | 25.60                        | 2.36  | 36.40       | 3.68  | 48.40       | 6.52  | 51.20       | 6.92  | 54.00       | 7.32  | 56.40       | 7.68  | 59.20       | 8.08  |
|        | 25                              | 36.80                        | 5.92  | 41.20       | 6.28  | 53.20       | 7.68  | 55.60       | 8.08  | 58.40       | 8.48  | 60.40       | 8.84  | 62.80       | 9.32  |
|        | 27                              | 36.40                        | 6.40  | 46.00       | 7.40  | 58.00       | 9.08  | 60.40       | 9.52  | 62.80       | 10.04 | 64.80       | 10.40 | 70.40       | 11.40 |
|        | 29                              | 40.80                        | 7.60  | 51.20       | 9.08  | 62.80       | 11.04 | 65.20       | 11.56 | 67.60       | 12.16 | 72.00       | 13.08 | 83.20       | 15.20 |
|        | 31                              | 46.40                        | 9.44  | 56.00       | 11.20 | 68.00       | 13.80 | 70.00       | 14.56 | 76.00       | 15.80 | 84.80       | 17.32 | 96.00       | 19.68 |
|        | 33                              | 51.60                        | 12.12 | 61.60       | 14.40 | 73.20       | 16.64 | 80.40       | 18.20 | 89.60       | 20.00 | 98.00       | 21.68 | 108.8       | 24.48 |
|        | 35                              | 57.60                        | 15.24 | 66.80       | 16.92 | 86.00       | 21.28 | 94.00       | 23.08 | 102.8       | 25.12 | 111.2       | 27.04 | 121.6       | 30.44 |
|        | 37                              | 57.60                        | 16.40 | 66.80       | 18.20 | 86.00       | 22.64 | 94.00       | 24.60 | 102.8       | 26.80 | 111.2       | 28.84 | 121.6       | 32.48 |
|        | 39                              | 57.60                        | 17.36 | 66.80       | 19.32 | 86.00       | 24.16 | 94.00       | 26.20 | 102.8       | 28.60 | 111.2       | 30.80 | 121.6       | 34.68 |
|        | 41                              | 57.60                        | 18.44 | 66.80       | 20.56 | 86.00       | 25.80 | 94.00       | 28.00 | 102.8       | 30.52 | 111.2       | 32.88 | 121.6       | 37.00 |
|        | 43                              | 57.60                        | 19.60 | 66.80       | 21.96 | 86.00       | 27.60 | 94.00       | 29.92 | 102.8       | 32.64 | 111.2       | 35.16 | 121.6       | 39.52 |
|        | 46                              | 57.60                        | 21.60 | 66.80       | 24.32 | 86.00       | 30.52 | 94.00       | 33.08 | 102.8       | 36.08 | 111.2       | 38.80 | 121.6       | 43.60 |
|        | 48                              | 57.60                        | 23.08 | 66.80       | 26.04 | 86.00       | 32.64 | 94.00       | 35.40 | 102.8       | 38.52 | 111.2       | 41.48 | 121.6       | 46.60 |
|        | 50                              | 57.60                        | 24.76 | 66.80       | 27.96 | 86.00       | 34.96 | 94.00       | 37.84 | 102.8       | 41.20 | 111.2       | 44.32 | 121.6       | 49.76 |
|        | 52                              | 57.60                        | 26.56 | 66.80       | 30.08 | 86.00       | 37.40 | 94.00       | 40.48 | 102.8       | 44.04 | 111.2       | 45.28 | 121.6       | 50.52 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM820LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 56.40                        | 5.55  | 87.30       | 7.92  | 114.2       | 9.47  | 118.9       | 9.23  | 123.1       | 9.05  | 130.1       | 9.13  | 136.7       | 9.43  |
|        | 12                              | 56.40                        | 5.29  | 87.30       | 7.57  | 114.2       | 9.17  | 118.9       | 8.93  | 123.1       | 8.86  | 130.1       | 8.96  | 136.7       | 9.36  |
|        | 14                              | 56.40                        | 5.01  | 87.30       | 7.27  | 114.2       | 8.92  | 118.9       | 8.76  | 123.1       | 8.70  | 130.1       | 8.91  | 136.7       | 9.38  |
|        | 16                              | 56.40                        | 4.80  | 87.30       | 7.02  | 114.2       | 8.84  | 118.9       | 8.73  | 123.1       | 8.78  | 130.1       | 9.04  | 136.7       | 9.64  |
|        | 18                              | 56.40                        | 4.66  | 87.30       | 6.95  | 114.2       | 8.89  | 118.9       | 8.99  | 123.1       | 9.15  | 130.1       | 9.55  | 136.7       | 10.50 |
|        | 20                              | 56.40                        | 4.60  | 87.30       | 7.15  | 114.2       | 9.58  | 118.9       | 10.14 | 123.1       | 10.66 | 130.1       | 11.56 | 136.7       | 13.17 |
|        | 21                              | 63.90                        | 5.56  | 94.20       | 8.75  | 120.3       | 12.54 | 124.7       | 13.36 | 128.7       | 13.63 | 135.0       | 14.32 | 141.2       | 15.44 |
|        | 23                              | 78.80                        | 12.55 | 108.2       | 14.39 | 132.8       | 16.15 | 136.6       | 17.66 | 139.9       | 18.07 | 145.2       | 18.65 | 150.4       | 19.71 |
|        | 25                              | 94.40                        | 15.35 | 122.4       | 17.75 | 145.8       | 20.37 | 148.6       | 23.08 | 151.4       | 23.59 | 155.4       | 24.15 | 159.7       | 25.44 |
|        | 27                              | 110.0                        | 19.38 | 137.0       | 22.49 | 158.9       | 26.21 | 161.2       | 30.48 | 163.1       | 30.80 | 166.0       | 31.20 | 178.5       | 34.96 |
|        | 29                              | 126.2                        | 24.86 | 151.9       | 28.53 | 172.3       | 33.31 | 173.8       | 38.89 | 175.1       | 39.10 | 184.5       | 41.35 | 212.3       | 51.13 |
|        | 31                              | 142.8                        | 31.38 | 167.4       | 35.21 | 186.3       | 41.59 | 186.9       | 46.33 | 197.1       | 49.73 | 217.2       | 56.52 | 246.3       | 69.44 |
|        | 33                              | 159.9                        | 39.36 | 183.1       | 44.01 | 200.5       | 52.04 | 214.5       | 60.47 | 231.8       | 67.82 | 250.7       | 75.85 | 282.4       | 91.16 |
|        | 35                              | 177.3                        | 49.51 | 199.3       | 54.55 | 235.0       | 74.68 | 249.8       | 81.82 | 266.8       | 90.06 | 292.2       | 99.51 | 325.4       | 112.9 |
|        | 37                              | 177.3                        | 52.79 | 199.3       | 58.04 | 234.0       | 76.40 | 248.3       | 83.47 | 275.0       | 95.59 | 301.4       | 105.5 | 316.3       | 111.3 |
|        | 39                              | 177.3                        | 56.23 | 199.3       | 61.97 | 232.5       | 77.24 | 257.3       | 88.92 | 284.6       | 101.4 | 301.9       | 107.0 | 303.9       | 108.0 |
|        | 41                              | 177.3                        | 61.21 | 195.7       | 65.85 | 237.7       | 83.17 | 262.5       | 95.96 | 280.3       | 103.3 | 285.2       | 103.9 | 286.4       | 104.9 |
|        | 43                              | 177.3                        | 66.33 | 190.5       | 66.09 | 243.5       | 90.84 | 261.0       | 100.0 | 264.3       | 100.4 | 269.2       | 100.9 | 270.7       | 102.6 |
|        | 46                              | 173.5                        | 73.48 | 190.6       | 74.35 | 232.1       | 95.76 | 234.2       | 95.99 | 237.6       | 96.49 | 241.9       | 96.86 | 243.5       | 98.54 |
|        | 48                              | 160.9                        | 73.78 | 184.9       | 83.01 | 205.1       | 93.15 | 207.5       | 93.50 | 210.2       | 94.04 | 213.8       | 94.23 | 214.9       | 95.68 |
|        | 50                              | 152.2                        | 77.21 | 175.1       | 90.52 | 178.5       | 90.29 | 180.7       | 90.49 | 182.7       | 91.03 | 186.5       | 91.35 | 186.9       | 92.46 |
|        | 52                              | 146.4                        | 87.38 | 144.7       | 86.73 | 150.1       | 86.00 | 151.9       | 85.78 | 154.3       | 86.57 | 157.9       | 86.58 | 159.8       | 87.80 |
| 120    | 10                              | 51.50                        | 5.09  | 79.70       | 7.47  | 105.3       | 9.26  | 109.7       | 9.43  | 113.7       | 9.09  | 120.4       | 9.02  | 126.7       | 9.30  |
|        | 12                              | 51.50                        | 4.87  | 79.70       | 7.13  | 105.3       | 8.94  | 109.7       | 9.01  | 113.7       | 8.84  | 120.4       | 8.89  | 126.7       | 9.22  |
|        | 14                              | 51.50                        | 4.64  | 79.70       | 6.84  | 105.3       | 8.68  | 109.7       | 8.78  | 113.7       | 8.66  | 120.4       | 8.77  | 126.7       | 9.16  |
|        | 16                              | 51.50                        | 4.40  | 79.70       | 6.59  | 105.3       | 8.50  | 109.7       | 8.63  | 113.7       | 8.60  | 120.4       | 8.75  | 126.7       | 9.28  |
|        | 18                              | 51.50                        | 4.26  | 79.70       | 6.47  | 105.3       | 8.49  | 109.7       | 8.72  | 113.7       | 8.80  | 120.4       | 9.07  | 126.7       | 9.77  |
|        | 20                              | 51.50                        | 4.19  | 79.70       | 6.57  | 105.3       | 8.99  | 109.7       | 9.39  | 113.7       | 9.64  | 120.4       | 10.24 | 126.7       | 11.64 |
|        | 21                              | 58.10                        | 5.02  | 85.70       | 7.91  | 111.1       | 11.56 | 115.1       | 12.27 | 118.9       | 12.54 | 125.0       | 12.90 | 130.7       | 14.01 |
|        | 23                              | 72.00                        | 11.93 | 98.50       | 13.86 | 122.5       | 15.68 | 126.0       | 15.85 | 129.3       | 16.14 | 134.4       | 16.41 | 139.1       | 17.30 |
|        | 25                              | 86.10                        | 14.48 | 111.4       | 16.92 | 134.5       | 19.35 | 137.1       | 19.74 | 139.8       | 20.28 | 144.1       | 20.64 | 147.9       | 21.62 |
|        | 27                              | 100.2                        | 17.98 | 124.9       | 21.18 | 146.6       | 24.37 | 148.7       | 24.95 | 150.6       | 25.82 | 153.9       | 26.18 | 165.3       | 29.07 |
|        | 29                              | 115.0                        | 22.91 | 138.4       | 26.76 | 159.0       | 30.00 | 160.3       | 31.09 | 161.8       | 32.11 | 170.8       | 34.07 | 195.6       | 41.43 |
|        | 31                              | 130.1                        | 28.81 | 152.3       | 33.03 | 171.8       | 36.39 | 172.5       | 38.51 | 182.3       | 42.41 | 201.9       | 48.45 | 226.0       | 58.11 |
|        | 33                              | 145.7                        | 35.85 | 166.7       | 40.73 | 184.8       | 44.66 | 197.9       | 52.90 | 214.4       | 60.39 | 233.1       | 67.64 | 256.0       | 79.82 |
|        | 35                              | 161.5                        | 44.69 | 181.5       | 50.28 | 216.8       | 62.52 | 231.0       | 76.30 | 246.2       | 83.86 | 264.0       | 91.36 | 293.3       | 104.5 |
|        | 37                              | 161.5                        | 47.93 | 181.5       | 53.23 | 216.8       | 67.50 | 231.0       | 78.02 | 247.0       | 85.92 | 271.8       | 96.23 | 302.5       | 110.2 |
|        | 39                              | 161.5                        | 51.43 | 181.5       | 56.50 | 216.8       | 72.20 | 231.1       | 79.03 | 256.2       | 91.51 | 281.6       | 101.5 | 295.8       | 108.4 |
|        | 41                              | 161.5                        | 56.36 | 181.5       | 61.87 | 214.6       | 73.88 | 237.0       | 85.08 | 262.0       | 98.29 | 277.8       | 103.7 | 279.3       | 105.1 |
|        | 43                              | 161.5                        | 61.64 | 180.7       | 63.88 | 219.7       | 80.02 | 242.9       | 92.38 | 257.4       | 100.1 | 261.8       | 100.2 | 263.4       | 102.0 |
|        | 46                              | 158.3                        | 68.96 | 171.9       | 65.40 | 225.0       | 93.12 | 228.8       | 95.02 | 231.0       | 95.25 | 235.2       | 95.45 | 237.0       | 97.32 |
|        | 48                              | 146.9                        | 69.60 | 167.1       | 73.07 | 200.6       | 92.36 | 202.2       | 92.66 | 204.3       | 93.00 | 208.0       | 93.25 | 209.1       | 94.54 |
|        | 50                              | 135.3                        | 70.06 | 160.3       | 81.22 | 174.7       | 89.99 | 176.5       | 90.38 | 177.9       | 90.40 | 181.2       | 90.63 | 182.3       | 91.72 |
|        | 52                              | 129.5                        | 76.22 | 141.2       | 85.53 | 146.0       | 86.24 | 147.5       | 86.26 | 149.4       | 86.17 | 152.5       | 86.52 | 155.1       | 87.35 |
| 110    | 10                              | 46.60                        | 4.61  | 72.10       | 6.94  | 96.50       | 8.82  | 100.5       | 9.05  | 106.2       | 9.10  | 110.5       | 9.05  | 118.9       | 9.21  |
|        | 12                              | 46.60                        | 4.43  | 72.10       | 6.64  | 96.50       | 8.49  | 100.5       | 8.66  | 106.2       | 8.79  | 110.5       | 8.81  | 118.9       | 9.09  |
|        | 14                              | 46.60                        | 4.22  | 72.10       | 6.38  | 96.50       | 8.25  | 100.5       | 8.44  | 106.2       | 8.62  | 110.5       | 8.64  | 118.9       | 8.97  |
|        | 16                              | 46.60                        | 4.00  | 72.10       | 6.13  | 96.50       | 8.03  | 100.5       | 8.27  | 106.2       | 8.51  | 110.5       | 8.55  | 118.9       | 8.96  |
|        | 18                              | 46.60                        | 3.86  | 72.10       | 5.98  | 96.50       | 8.05  | 100.5       | 8.32  | 106.2       | 8.58  | 110.5       | 8.70  | 118.9       | 9.27  |
|        | 20                              | 46.60                        | 3.79  | 72.10       | 6.00  | 96.50       | 8.43  | 100.5       | 8.75  | 106.2       | 9.18  | 110.5       | 9.47  | 118.9       | 10.54 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 52.60                        | 4.47  | 77.60       | 7.08  | 101.9       | 10.49 | 105.5       | 11.08 | 111.0       | 11.83 | 114.7       | 12.26 | 122.8       | 13.11 |
|        | 23                               | 65.00                        | 11.22 | 89.00       | 13.17 | 112.4       | 14.94 | 115.5       | 15.02 | 120.7       | 15.41 | 123.3       | 15.47 | 130.7       | 16.20 |
|        | 25                               | 77.60                        | 13.51 | 100.9       | 15.72 | 123.4       | 18.22 | 125.8       | 18.39 | 130.6       | 18.85 | 132.2       | 18.87 | 139.0       | 19.94 |
|        | 27                               | 90.50                        | 16.59 | 112.8       | 19.49 | 134.4       | 22.57 | 136.3       | 22.73 | 140.7       | 23.21 | 141.2       | 23.24 | 155.2       | 26.40 |
|        | 29                               | 104.1                        | 21.05 | 125.2       | 24.44 | 145.8       | 27.84 | 147.0       | 27.98 | 151.1       | 28.55 | 156.8       | 29.68 | 183.7       | 36.71 |
|        | 31                               | 117.7                        | 26.34 | 137.8       | 30.00 | 157.5       | 33.69 | 158.2       | 33.79 | 170.2       | 36.96 | 185.6       | 41.19 | 212.1       | 50.25 |
|        | 33                               | 131.6                        | 32.50 | 150.8       | 36.71 | 169.5       | 40.75 | 181.5       | 44.55 | 200.2       | 51.44 | 213.9       | 56.49 | 240.3       | 67.79 |
|        | 35                               | 145.9                        | 40.21 | 164.3       | 45.09 | 198.8       | 55.46 | 211.8       | 61.11 | 230.1       | 70.69 | 242.5       | 76.38 | 268.4       | 88.86 |
|        | 37                               | 145.9                        | 42.68 | 164.3       | 47.94 | 198.8       | 58.69 | 211.8       | 65.73 | 230.1       | 76.00 | 242.5       | 81.50 | 269.9       | 94.74 |
|        | 39                               | 145.9                        | 45.85 | 164.3       | 51.01 | 198.8       | 62.69 | 211.8       | 70.80 | 230.1       | 80.20 | 250.1       | 89.40 | 279.8       | 104.0 |
|        | 41                               | 145.9                        | 50.30 | 164.3       | 55.41 | 198.8       | 67.70 | 211.8       | 77.89 | 234.1       | 89.30 | 256.7       | 100.9 | 271.6       | 109.5 |
|        | 43                               | 145.9                        | 54.38 | 164.3       | 59.48 | 196.2       | 72.75 | 216.8       | 83.23 | 239.8       | 95.60 | 255.0       | 102.8 | 255.9       | 104.4 |
|        | 46                               | 142.9                        | 57.03 | 161.1       | 61.09 | 200.5       | 83.26 | 221.4       | 94.85 | 224.8       | 96.48 | 229.0       | 96.75 | 229.6       | 98.19 |
|        | 48                               | 132.7                        | 57.60 | 149.5       | 62.12 | 193.9       | 90.96 | 197.1       | 92.17 | 198.8       | 92.61 | 202.5       | 92.81 | 203.2       | 94.21 |
|        | 50                               | 122.5                        | 58.03 | 143.7       | 67.94 | 170.1       | 87.64 | 171.7       | 88.31 | 173.5       | 88.58 | 176.3       | 88.37 | 176.9       | 89.67 |
|        | 52                               | 112.1                        | 57.17 | 137.2       | 77.25 | 141.2       | 81.94 | 143.2       | 83.17 | 144.5       | 82.88 | 147.4       | 82.43 | 149.9       | 83.67 |
| 100    | 10                               | 40.40                        | 4.13  | 62.40       | 6.39  | 85.80       | 8.34  | 91.50       | 8.63  | 96.60       | 8.74  | 105.4       | 9.22  | 110.5       | 9.32  |
|        | 12                               | 40.40                        | 3.97  | 62.40       | 6.15  | 85.80       | 7.98  | 91.50       | 8.22  | 96.60       | 8.39  | 105.4       | 8.97  | 110.5       | 9.15  |
|        | 14                               | 40.40                        | 3.80  | 62.40       | 5.89  | 85.80       | 7.71  | 91.50       | 7.95  | 96.60       | 8.13  | 105.4       | 8.80  | 110.5       | 9.00  |
|        | 16                               | 40.40                        | 3.61  | 62.40       | 5.60  | 85.80       | 7.49  | 91.50       | 7.79  | 96.60       | 8.01  | 105.4       | 8.67  | 110.5       | 8.96  |
|        | 18                               | 40.40                        | 3.44  | 62.40       | 5.45  | 85.80       | 7.36  | 91.50       | 7.73  | 96.60       | 8.07  | 105.4       | 8.75  | 110.5       | 9.11  |
|        | 20                               | 40.40                        | 3.39  | 62.40       | 5.41  | 85.80       | 7.61  | 91.50       | 8.13  | 96.60       | 8.57  | 105.4       | 9.28  | 110.5       | 9.99  |
|        | 21                               | 45.70                        | 3.95  | 67.40       | 6.23  | 90.60       | 9.24  | 96.00       | 10.01 | 101.0       | 10.72 | 109.5       | 11.64 | 114.0       | 12.72 |
|        | 23                               | 56.40                        | 10.56 | 77.10       | 12.38 | 99.90       | 14.27 | 104.9       | 14.64 | 109.7       | 14.96 | 117.6       | 15.29 | 121.5       | 15.62 |
|        | 25                               | 67.20                        | 12.54 | 87.40       | 14.68 | 109.6       | 17.15 | 114.4       | 17.77 | 118.6       | 18.20 | 126.1       | 18.23 | 129.0       | 18.73 |
|        | 27                               | 78.50                        | 15.24 | 97.80       | 17.86 | 119.5       | 21.13 | 124.0       | 21.87 | 127.9       | 22.37 | 134.7       | 22.39 | 144.3       | 24.30 |
|        | 29                               | 90.00                        | 19.09 | 108.5       | 22.17 | 129.7       | 26.16 | 133.6       | 26.95 | 137.5       | 27.31 | 149.4       | 28.37 | 170.7       | 33.64 |
|        | 31                               | 101.7                        | 23.97 | 119.5       | 27.15 | 140.0       | 31.64 | 143.8       | 32.50 | 154.7       | 34.50 | 176.7       | 38.55 | 197.2       | 45.23 |
|        | 33                               | 114.1                        | 29.26 | 130.7       | 32.98 | 150.8       | 38.28 | 165.1       | 42.64 | 182.1       | 46.29 | 204.1       | 51.85 | 223.5       | 60.17 |
|        | 35                               | 126.5                        | 35.92 | 142.1       | 40.15 | 176.7       | 51.83 | 192.7       | 58.01 | 209.3       | 61.83 | 230.5       | 68.85 | 249.5       | 79.25 |
|        | 37                               | 126.5                        | 38.39 | 142.1       | 42.98 | 176.7       | 55.01 | 192.7       | 61.10 | 209.3       | 65.92 | 228.1       | 72.89 | 246.5       | 83.95 |
|        | 39                               | 126.5                        | 41.06 | 142.1       | 46.02 | 176.7       | 58.35 | 192.7       | 64.33 | 209.3       | 70.28 | 225.9       | 76.32 | 244.7       | 87.90 |
|        | 41                               | 126.5                        | 44.59 | 142.1       | 50.04 | 176.7       | 62.78 | 192.7       | 69.29 | 209.3       | 75.23 | 225.3       | 82.42 | 251.7       | 98.12 |
|        | 43                               | 126.5                        | 48.80 | 142.1       | 54.78 | 176.7       | 67.28 | 192.7       | 73.95 | 209.6       | 82.79 | 230.4       | 93.01 | 246.7       | 104.8 |
|        | 46                               | 123.9                        | 54.67 | 139.5       | 61.08 | 176.7       | 75.98 | 194.4       | 88.75 | 214.4       | 101.6 | 220.4       | 103.4 | 221.0       | 105.4 |
|        | 48                               | 115.3                        | 51.08 | 129.9       | 56.97 | 171.2       | 77.56 | 188.1       | 89.87 | 191.3       | 91.52 | 194.9       | 91.76 | 195.6       | 93.21 |
|        | 50                               | 106.7                        | 47.45 | 121.4       | 53.25 | 162.4       | 76.87 | 166.0       | 79.29 | 166.5       | 79.28 | 169.9       | 79.44 | 170.2       | 80.51 |
|        | 52                               | 97.90                        | 43.16 | 118.3       | 53.80 | 134.5       | 65.23 | 137.6       | 65.56 | 138.8       | 65.54 | 141.9       | 65.32 | 144.2       | 66.09 |
| 90     | 10                               | 36.30                        | 3.73  | 56.30       | 5.91  | 77.20       | 7.89  | 82.40       | 8.25  | 87.00       | 8.46  | 95.50       | 9.04  | 105.3       | 9.73  |
|        | 12                               | 36.30                        | 3.53  | 56.30       | 5.62  | 77.20       | 7.48  | 82.40       | 7.81  | 87.00       | 8.05  | 95.50       | 8.57  | 105.3       | 9.33  |
|        | 14                               | 36.30                        | 3.35  | 56.30       | 5.30  | 77.20       | 7.09  | 82.40       | 7.45  | 87.00       | 7.65  | 95.50       | 8.18  | 105.3       | 8.92  |
|        | 16                               | 36.30                        | 3.19  | 56.30       | 4.98  | 77.20       | 6.77  | 82.40       | 7.09  | 87.00       | 7.34  | 95.50       | 7.85  | 105.3       | 8.61  |
|        | 18                               | 36.30                        | 3.01  | 56.30       | 4.78  | 77.20       | 6.54  | 82.40       | 6.90  | 87.00       | 7.14  | 95.50       | 7.70  | 105.3       | 8.65  |
|        | 20                               | 36.30                        | 2.93  | 56.30       | 4.65  | 77.20       | 6.53  | 82.40       | 6.94  | 87.00       | 7.31  | 95.50       | 8.11  | 105.3       | 9.25  |
|        | 21                               | 41.00                        | 3.38  | 60.70       | 5.25  | 81.40       | 7.66  | 86.40       | 8.27  | 90.70       | 8.87  | 99.20       | 9.79  | 108.7       | 11.90 |
|        | 23                               | 50.60                        | 9.26  | 69.70       | 10.99 | 89.90       | 12.78 | 94.60       | 13.14 | 98.70       | 13.37 | 106.6       | 13.91 | 115.8       | 15.13 |
|        | 25                               | 60.40                        | 11.03 | 78.70       | 12.94 | 98.60       | 15.05 | 102.9       | 15.57 | 106.9       | 15.97 | 114.3       | 16.68 | 123.1       | 17.97 |
|        | 27                               | 70.50                        | 13.30 | 88.00       | 15.52 | 107.5       | 18.28 | 111.4       | 18.91 | 115.1       | 19.41 | 122.1       | 20.10 | 137.5       | 22.91 |
|        | 29                               | 80.90                        | 16.28 | 97.70       | 19.14 | 116.5       | 22.50 | 120.3       | 23.20 | 123.7       | 23.77 | 135.5       | 25.36 | 162.6       | 31.19 |
|        | 31                               | 91.70                        | 20.65 | 107.7       | 23.39 | 126.0       | 27.05 | 129.5       | 27.75 | 139.3       | 30.00 | 160.1       | 33.76 | 187.8       | 41.22 |
|        | 33                               | 102.4                        | 25.11 | 117.7       | 28.14 | 135.5       | 32.49 | 148.6       | 35.97 | 163.7       | 40.27 | 184.9       | 44.52 | 212.1       | 53.75 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 113.8                        | 30.51 | 128.2       | 33.93 | 159.0       | 43.40 | 173.3       | 48.35 | 188.1       | 53.51 | 209.6       | 59.01 | 234.8       | 69.91 |
|        | 37                              | 113.8                        | 32.37 | 128.2       | 36.11 | 159.0       | 46.28 | 173.3       | 51.42 | 188.1       | 56.65 | 209.6       | 62.67 | 232.4       | 73.79 |
|        | 39                              | 113.8                        | 34.37 | 128.2       | 38.43 | 159.0       | 49.11 | 173.3       | 54.72 | 188.1       | 59.78 | 209.6       | 66.87 | 230.4       | 77.71 |
|        | 41                              | 113.8                        | 38.67 | 128.2       | 43.00 | 159.0       | 54.48 | 173.3       | 60.55 | 188.1       | 65.25 | 208.6       | 71.85 | 224.6       | 82.48 |
|        | 43                              | 113.8                        | 42.59 | 128.2       | 47.36 | 159.0       | 60.28 | 173.3       | 65.85 | 188.1       | 70.26 | 204.6       | 77.42 | 226.7       | 92.13 |
|        | 46                              | 111.6                        | 49.21 | 126.0       | 55.11 | 156.0       | 69.03 | 169.9       | 75.04 | 190.0       | 86.41 | 209.3       | 97.50 | 217.1       | 105.3 |
|        | 48                              | 103.6                        | 46.35 | 117.2       | 51.94 | 147.0       | 65.88 | 167.0       | 77.50 | 184.2       | 88.64 | 192.1       | 91.60 | 192.1       | 93.35 |
|        | 50                              | 96.00                        | 43.49 | 108.8       | 48.51 | 143.4       | 67.16 | 162.1       | 78.42 | 164.3       | 80.56 | 167.8       | 79.54 | 167.4       | 80.78 |
|        | 52                              | 88.00                        | 40.57 | 101.3       | 45.17 | 134.3       | 66.85 | 139.5       | 69.35 | 136.1       | 68.01 | 139.5       | 65.54 | 141.1       | 66.56 |
| 80     | 10                              | 32.20                        | 3.43  | 50.00       | 5.40  | 68.60       | 7.43  | 73.10       | 7.87  | 77.50       | 8.16  | 85.00       | 8.93  | 93.60       | 9.64  |
|        | 12                              | 32.20                        | 3.14  | 50.00       | 5.13  | 68.60       | 7.07  | 73.10       | 7.46  | 77.50       | 7.71  | 85.00       | 8.43  | 93.60       | 9.11  |
|        | 14                              | 32.20                        | 3.00  | 50.00       | 4.87  | 68.60       | 6.65  | 73.10       | 7.04  | 77.50       | 7.29  | 85.00       | 8.00  | 93.60       | 8.66  |
|        | 16                              | 32.20                        | 2.85  | 50.00       | 4.58  | 68.60       | 6.28  | 73.10       | 6.68  | 77.50       | 6.97  | 85.00       | 7.66  | 93.60       | 8.30  |
|        | 18                              | 32.20                        | 2.73  | 50.00       | 4.36  | 68.60       | 6.04  | 73.10       | 6.44  | 77.50       | 6.73  | 85.00       | 7.38  | 93.60       | 8.12  |
|        | 20                              | 32.20                        | 2.64  | 50.00       | 4.26  | 68.60       | 5.99  | 73.10       | 6.40  | 77.50       | 6.73  | 85.00       | 7.50  | 93.60       | 8.55  |
|        | 21                              | 36.50                        | 3.02  | 53.80       | 4.72  | 72.30       | 6.81  | 76.80       | 7.32  | 81.00       | 7.83  | 88.30       | 8.84  | 96.70       | 10.54 |
|        | 23                              | 45.00                        | 8.69  | 61.80       | 10.38 | 79.80       | 12.14 | 84.00       | 12.61 | 87.90       | 12.85 | 94.80       | 13.66 | 102.9       | 14.62 |
|        | 25                              | 53.70                        | 10.47 | 69.80       | 12.21 | 87.60       | 14.28 | 91.50       | 14.66 | 95.20       | 14.99 | 101.7       | 16.00 | 109.4       | 17.14 |
|        | 27                              | 62.70                        | 12.45 | 78.10       | 14.49 | 95.40       | 17.03 | 99.10       | 17.55 | 102.6       | 17.98 | 108.5       | 19.05 | 122.2       | 21.32 |
|        | 29                              | 71.80                        | 15.10 | 86.80       | 17.70 | 103.6       | 20.63 | 106.9       | 21.27 | 110.3       | 21.81 | 120.6       | 24.02 | 144.6       | 28.61 |
|        | 31                              | 81.20                        | 18.94 | 95.50       | 21.57 | 111.8       | 24.81 | 115.0       | 25.46 | 124.0       | 27.35 | 142.5       | 31.76 | 166.9       | 37.20 |
|        | 33                              | 91.00                        | 23.14 | 104.6       | 25.84 | 120.4       | 29.52 | 132.1       | 32.56 | 145.9       | 36.29 | 164.5       | 41.48 | 189.3       | 48.00 |
|        | 35                              | 100.9                        | 27.89 | 113.8       | 30.87 | 141.1       | 38.95 | 154.1       | 43.14 | 167.9       | 47.82 | 186.5       | 53.93 | 211.6       | 62.26 |
|        | 37                              | 100.9                        | 29.54 | 113.8       | 32.81 | 141.1       | 41.40 | 154.1       | 45.94 | 167.9       | 50.87 | 186.5       | 57.11 | 211.6       | 66.22 |
|        | 39                              | 100.9                        | 31.26 | 113.8       | 34.80 | 141.1       | 44.23 | 154.1       | 49.23 | 167.9       | 54.47 | 186.5       | 60.48 | 211.6       | 70.78 |
|        | 41                              | 100.9                        | 34.95 | 113.8       | 38.93 | 141.1       | 49.16 | 154.1       | 54.65 | 167.9       | 60.53 | 186.5       | 66.27 | 211.2       | 77.43 |
|        | 43                              | 100.9                        | 38.99 | 113.8       | 43.18 | 141.1       | 54.46 | 154.1       | 60.44 | 167.9       | 66.80 | 186.5       | 71.68 | 205.8       | 82.17 |
|        | 46                              | 99.10                        | 44.71 | 111.6       | 49.94 | 138.5       | 62.64 | 151.1       | 68.54 | 164.5       | 76.00 | 182.7       | 82.75 | 202.8       | 97.33 |
|        | 48                              | 92.10                        | 42.09 | 104.0       | 47.06 | 129.3       | 58.85 | 141.1       | 64.27 | 158.0       | 75.29 | 177.5       | 83.91 | 189.2       | 93.54 |
|        | 50                              | 85.30                        | 39.42 | 96.40       | 44.14 | 120.1       | 54.75 | 135.6       | 63.56 | 154.0       | 76.53 | 165.1       | 79.64 | 164.8       | 80.92 |
|        | 52                              | 78.30                        | 36.76 | 88.60       | 40.61 | 116.8       | 55.72 | 130.7       | 65.23 | 135.4       | 70.08 | 136.5       | 65.90 | 138.4       | 66.87 |
| 70     | 10                              | 28.10                        | 3.15  | 43.70       | 4.59  | 60.00       | 6.48  | 63.90       | 6.95  | 67.60       | 7.31  | 74.30       | 8.07  | 81.80       | 9.00  |
|        | 12                              | 28.10                        | 2.61  | 43.70       | 4.35  | 60.00       | 6.22  | 63.90       | 6.62  | 67.60       | 6.93  | 74.30       | 7.66  | 81.80       | 8.51  |
|        | 14                              | 28.10                        | 2.52  | 43.70       | 4.14  | 60.00       | 5.85  | 63.90       | 6.21  | 67.60       | 6.53  | 74.30       | 7.22  | 81.80       | 8.05  |
|        | 16                              | 28.10                        | 2.43  | 43.70       | 3.93  | 60.00       | 5.49  | 63.90       | 5.87  | 67.60       | 6.18  | 74.30       | 6.84  | 81.80       | 7.67  |
|        | 18                              | 28.10                        | 2.33  | 43.70       | 3.74  | 60.00       | 5.30  | 63.90       | 5.66  | 67.60       | 5.95  | 74.30       | 6.58  | 81.80       | 7.42  |
|        | 20                              | 28.10                        | 2.23  | 43.70       | 3.63  | 60.00       | 5.18  | 63.90       | 5.58  | 67.60       | 5.89  | 74.30       | 6.56  | 81.80       | 7.58  |
|        | 21                              | 32.00                        | 2.53  | 47.10       | 3.99  | 63.20       | 5.75  | 67.00       | 6.21  | 70.80       | 6.60  | 77.30       | 7.41  | 84.60       | 8.92  |
|        | 23                              | 39.50                        | 7.36  | 54.00       | 9.32  | 69.90       | 11.10 | 73.40       | 11.51 | 76.90       | 11.82 | 83.00       | 12.75 | 90.00       | 13.88 |
|        | 25                              | 47.00                        | 9.45  | 61.30       | 11.02 | 76.60       | 12.85 | 79.90       | 13.34 | 83.30       | 13.63 | 88.80       | 14.61 | 95.60       | 15.69 |
|        | 27                              | 54.90                        | 11.08 | 68.60       | 12.99 | 83.50       | 15.10 | 86.80       | 15.57 | 89.60       | 16.09 | 94.80       | 17.21 | 107.0       | 19.30 |
|        | 29                              | 63.00                        | 13.35 | 76.00       | 15.48 | 90.60       | 18.22 | 93.60       | 18.75 | 96.50       | 19.21 | 105.5       | 21.32 | 126.5       | 25.87 |
|        | 31                              | 71.20                        | 16.46 | 83.70       | 19.15 | 97.90       | 21.87 | 100.5       | 22.44 | 108.4       | 24.01 | 124.7       | 28.02 | 146.1       | 33.41 |
|        | 33                              | 79.70                        | 20.33 | 91.60       | 22.69 | 105.3       | 25.77 | 115.5       | 28.20 | 127.6       | 31.25 | 143.9       | 36.24 | 165.6       | 42.98 |
|        | 35                              | 88.50                        | 24.42 | 99.60       | 26.99 | 123.4       | 33.43 | 134.7       | 36.79 | 146.6       | 40.56 | 163.0       | 46.71 | 185.1       | 54.87 |
|        | 37                              | 88.50                        | 25.92 | 99.60       | 28.58 | 123.4       | 35.51 | 134.7       | 39.17 | 146.6       | 43.21 | 163.0       | 49.76 | 185.1       | 58.10 |
|        | 39                              | 88.50                        | 27.50 | 99.60       | 30.44 | 123.4       | 37.94 | 134.7       | 42.00 | 146.6       | 46.44 | 163.0       | 53.18 | 185.1       | 62.36 |
|        | 41                              | 88.50                        | 30.70 | 99.60       | 33.81 | 123.4       | 42.16 | 134.7       | 46.67 | 146.6       | 51.29 | 163.0       | 59.17 | 185.1       | 68.57 |
|        | 43                              | 88.50                        | 33.97 | 99.60       | 37.45 | 123.4       | 46.71 | 134.7       | 51.66 | 146.6       | 56.80 | 163.0       | 65.59 | 185.1       | 75.49 |
|        | 46                              | 86.70                        | 38.90 | 97.80       | 43.21 | 121.2       | 53.94 | 132.3       | 59.16 | 144.0       | 65.24 | 159.8       | 75.11 | 181.5       | 85.43 |
|        | 48                              | 80.70                        | 36.68 | 91.20       | 40.78 | 113.0       | 50.90 | 123.5       | 55.80 | 134.4       | 61.35 | 149.0       | 70.27 | 171.2       | 81.40 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                               | 74.70                        | 34.40 | 84.40       | 38.32 | 105.0       | 47.81 | 114.7       | 51.93 | 125.7       | 57.65 | 143.7       | 69.93 | 165.8       | 81.52 |
|        | 52                               | 68.70                        | 32.14 | 77.60       | 35.80 | 96.80       | 43.11 | 108.5       | 49.71 | 122.4       | 59.52 | 133.8       | 68.99 | 141.5       | 69.85 |
| 60     | 10                               | 24.10                        | 2.82  | 37.40       | 4.02  | 51.40       | 5.44  | 54.80       | 5.90  | 58.10       | 6.26  | 63.80       | 7.00  | 70.20       | 7.89  |
|        | 12                               | 24.10                        | 2.17  | 37.40       | 3.52  | 51.40       | 5.17  | 54.80       | 5.61  | 58.10       | 5.98  | 63.80       | 6.66  | 70.20       | 7.50  |
|        | 14                               | 24.10                        | 2.05  | 37.40       | 3.39  | 51.40       | 4.92  | 54.80       | 5.30  | 58.10       | 5.62  | 63.80       | 6.27  | 70.20       | 7.05  |
|        | 16                               | 24.10                        | 2.00  | 37.40       | 3.26  | 51.40       | 4.65  | 54.80       | 5.00  | 58.10       | 5.32  | 63.80       | 5.91  | 70.20       | 6.64  |
|        | 18                               | 24.10                        | 1.94  | 37.40       | 3.13  | 51.40       | 4.43  | 54.80       | 4.78  | 58.10       | 5.09  | 63.80       | 5.66  | 70.20       | 6.42  |
|        | 20                               | 24.10                        | 1.85  | 37.40       | 3.02  | 51.40       | 4.33  | 54.80       | 4.69  | 58.10       | 4.98  | 63.80       | 5.58  | 70.20       | 6.39  |
|        | 21                               | 27.10                        | 2.09  | 40.30       | 3.26  | 54.20       | 4.75  | 57.40       | 5.13  | 60.70       | 5.47  | 66.20       | 6.11  | 72.60       | 7.21  |
|        | 23                               | 33.70                        | 5.05  | 46.30       | 7.60  | 60.00       | 9.97  | 62.90       | 10.44 | 65.90       | 10.67 | 71.20       | 11.49 | 77.20       | 12.71 |
|        | 25                               | 40.60                        | 8.62  | 52.40       | 9.83  | 65.80       | 11.37 | 68.60       | 11.81 | 71.40       | 12.16 | 76.30       | 13.07 | 82.10       | 14.42 |
|        | 27                               | 47.00                        | 9.79  | 58.70       | 11.36 | 71.60       | 13.21 | 74.20       | 13.69 | 76.90       | 14.05 | 81.40       | 15.05 | 91.70       | 17.35 |
|        | 29                               | 53.90                        | 11.64 | 65.00       | 13.44 | 77.70       | 15.69 | 80.30       | 16.29 | 82.50       | 16.77 | 90.40       | 18.46 | 108.5       | 22.75 |
|        | 31                               | 61.00                        | 14.08 | 71.70       | 16.35 | 83.80       | 19.00 | 86.10       | 19.51 | 93.10       | 20.80 | 106.9       | 24.02 | 125.2       | 29.18 |
|        | 33                               | 68.30                        | 17.40 | 78.40       | 19.64 | 90.30       | 22.26 | 99.10       | 24.24 | 109.3       | 26.63 | 123.4       | 30.51 | 142.0       | 36.97 |
|        | 35                               | 75.80                        | 20.99 | 85.30       | 23.23 | 105.9       | 28.36 | 115.5       | 30.99 | 125.7       | 33.91 | 139.8       | 38.73 | 158.7       | 46.66 |
|        | 37                               | 75.80                        | 22.18 | 85.30       | 24.55 | 105.9       | 30.07 | 115.5       | 32.96 | 125.7       | 36.04 | 139.8       | 41.16 | 158.7       | 49.66 |
|        | 39                               | 75.80                        | 23.59 | 85.30       | 26.11 | 105.9       | 32.29 | 115.5       | 35.26 | 125.7       | 38.64 | 139.8       | 44.07 | 158.7       | 53.14 |
|        | 41                               | 75.80                        | 26.00 | 85.30       | 28.93 | 105.9       | 35.62 | 115.5       | 39.09 | 125.7       | 42.66 | 139.8       | 49.02 | 158.7       | 58.79 |
|        | 43                               | 75.80                        | 28.71 | 85.30       | 32.00 | 105.9       | 39.44 | 115.5       | 43.25 | 125.7       | 47.21 | 139.8       | 54.36 | 158.7       | 65.26 |
|        | 46                               | 74.40                        | 33.11 | 83.70       | 36.91 | 103.9       | 45.51 | 113.3       | 49.88 | 123.3       | 54.45 | 137.2       | 62.78 | 155.7       | 76.04 |
|        | 48                               | 69.00                        | 31.32 | 77.90       | 34.86 | 96.90       | 43.03 | 105.7       | 47.09 | 115.1       | 51.41 | 127.8       | 59.07 | 144.9       | 71.06 |
|        | 50                               | 64.00                        | 29.46 | 72.10       | 32.83 | 90.10       | 40.48 | 98.30       | 44.29 | 106.9       | 48.37 | 118.6       | 55.00 | 134.1       | 65.75 |
|        | 52                               | 58.80                        | 27.60 | 66.50       | 30.76 | 82.90       | 37.93 | 90.70       | 40.86 | 99.00       | 43.65 | 111.2       | 51.80 | 128.4       | 65.15 |
| 50     | 10                               | 20.20                        | 2.72  | 31.30       | 3.56  | 42.90       | 4.56  | 45.70       | 4.72  | 48.40       | 5.07  | 53.20       | 5.70  | 58.50       | 6.46  |
|        | 12                               | 20.20                        | 1.96  | 31.30       | 2.78  | 42.90       | 4.05  | 45.70       | 4.47  | 48.40       | 4.83  | 53.20       | 5.44  | 58.50       | 6.17  |
|        | 14                               | 20.20                        | 1.76  | 31.30       | 2.65  | 42.90       | 3.89  | 45.70       | 4.26  | 48.40       | 4.57  | 53.20       | 5.14  | 58.50       | 5.82  |
|        | 16                               | 20.20                        | 1.73  | 31.30       | 2.58  | 42.90       | 3.74  | 45.70       | 4.06  | 48.40       | 4.34  | 53.20       | 4.89  | 58.50       | 5.51  |
|        | 18                               | 20.20                        | 1.66  | 31.30       | 2.47  | 42.90       | 3.57  | 45.70       | 3.88  | 48.40       | 4.13  | 53.20       | 4.64  | 58.50       | 5.26  |
|        | 20                               | 20.20                        | 1.61  | 31.30       | 2.39  | 42.90       | 3.47  | 45.70       | 3.77  | 48.40       | 4.05  | 53.20       | 4.54  | 58.50       | 5.19  |
|        | 21                               | 22.80                        | 1.70  | 33.70       | 2.58  | 45.30       | 3.73  | 47.90       | 4.05  | 50.50       | 4.33  | 55.20       | 4.86  | 60.40       | 5.67  |
|        | 23                               | 28.10                        | 3.41  | 38.70       | 5.00  | 49.80       | 8.52  | 52.60       | 8.93  | 55.00       | 9.27  | 59.20       | 10.02 | 64.40       | 11.16 |
|        | 25                               | 37.80                        | 8.28  | 43.70       | 8.69  | 54.80       | 9.94  | 57.10       | 10.27 | 59.40       | 10.59 | 63.50       | 11.37 | 68.30       | 12.55 |
|        | 27                               | 39.40                        | 8.68  | 49.00       | 9.78  | 59.70       | 11.39 | 61.90       | 11.77 | 63.90       | 12.13 | 67.90       | 13.01 | 76.50       | 14.82 |
|        | 29                               | 45.00                        | 10.09 | 54.40       | 11.49 | 64.70       | 13.24 | 66.90       | 13.72 | 68.80       | 14.14 | 75.40       | 15.60 | 90.40       | 18.99 |
|        | 31                               | 50.90                        | 11.97 | 59.90       | 13.61 | 69.90       | 15.94 | 71.80       | 16.49 | 77.30       | 17.70 | 89.00       | 20.28 | 104.4       | 24.25 |
|        | 33                               | 57.00                        | 14.65 | 65.60       | 16.56 | 75.30       | 18.85 | 82.60       | 20.44 | 91.10       | 22.35 | 102.6       | 25.32 | 118.3       | 30.16 |
|        | 35                               | 63.30                        | 17.75 | 71.30       | 19.47 | 88.30       | 23.69 | 96.30       | 25.73 | 104.7       | 27.88 | 116.4       | 31.44 | 132.3       | 37.43 |
|        | 37                               | 63.30                        | 18.86 | 71.30       | 20.62 | 88.30       | 25.06 | 96.30       | 27.27 | 104.7       | 29.56 | 116.4       | 33.49 | 132.3       | 39.78 |
|        | 39                               | 63.30                        | 20.00 | 71.30       | 21.96 | 88.30       | 26.78 | 96.30       | 29.21 | 104.7       | 31.64 | 116.4       | 35.71 | 132.3       | 42.76 |
|        | 41                               | 63.30                        | 21.90 | 71.30       | 24.14 | 88.30       | 29.66 | 96.30       | 32.15 | 104.7       | 34.84 | 116.4       | 39.66 | 132.3       | 47.29 |
|        | 43                               | 63.30                        | 24.09 | 71.30       | 26.63 | 88.30       | 32.77 | 96.30       | 35.54 | 104.7       | 38.53 | 116.4       | 43.95 | 132.3       | 52.45 |
|        | 46                               | 62.10                        | 27.56 | 70.10       | 30.71 | 86.70       | 37.73 | 94.50       | 40.96 | 102.5       | 44.36 | 114.2       | 50.75 | 129.7       | 60.65 |
|        | 48                               | 57.70                        | 26.02 | 65.10       | 29.11 | 80.90       | 35.68 | 88.30       | 38.77 | 95.70       | 41.97 | 106.4       | 47.85 | 120.7       | 56.96 |
|        | 50                               | 53.30                        | 24.55 | 60.30       | 27.52 | 75.10       | 33.65 | 81.90       | 36.52 | 88.90       | 39.54 | 98.60       | 44.91 | 111.7       | 53.21 |
|        | 52                               | 49.10                        | 23.08 | 55.70       | 25.94 | 69.30       | 31.58 | 75.70       | 34.30 | 82.10       | 37.13 | 91.00       | 41.42 | 102.9       | 48.76 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM840LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 57.60                        | 5.71  | 89.20       | 8.19  | 117.0       | 9.88  | 121.8       | 9.68  | 126.2       | 9.43  | 133.4       | 9.56  | 140.2       | 9.91  |
|        | 12                         | 57.60                        | 5.45  | 89.20       | 7.84  | 117.0       | 9.59  | 121.8       | 9.39  | 126.2       | 9.29  | 133.4       | 9.44  | 140.2       | 9.90  |
|        | 14                         | 57.60                        | 5.16  | 89.20       | 7.54  | 117.0       | 9.34  | 121.8       | 9.21  | 126.2       | 9.20  | 133.4       | 9.45  | 140.2       | 9.98  |
|        | 16                         | 57.60                        | 4.96  | 89.20       | 7.28  | 117.0       | 9.27  | 121.8       | 9.20  | 126.2       | 9.30  | 133.4       | 9.60  | 140.2       | 10.26 |
|        | 18                         | 57.60                        | 4.81  | 89.20       | 7.21  | 117.0       | 9.35  | 121.8       | 9.49  | 126.2       | 9.71  | 133.4       | 10.16 | 140.2       | 11.19 |
|        | 20                         | 57.60                        | 4.76  | 89.20       | 7.44  | 117.0       | 10.11 | 121.8       | 10.73 | 126.2       | 11.31 | 133.4       | 12.29 | 140.2       | 14.05 |
|        | 21                         | 65.30                        | 5.77  | 96.30       | 9.13  | 123.1       | 13.29 | 127.7       | 14.21 | 131.9       | 14.60 | 138.4       | 15.26 | 144.8       | 16.22 |
|        | 23                         | 80.50                        | 12.81 | 110.5       | 14.83 | 135.9       | 16.87 | 139.9       | 18.44 | 143.4       | 18.92 | 148.9       | 19.56 | 154.3       | 20.73 |
|        | 25                         | 96.40                        | 15.76 | 125.0       | 18.29 | 149.3       | 21.35 | 152.3       | 24.13 | 155.2       | 24.73 | 159.4       | 25.37 | 163.8       | 26.78 |
|        | 27                         | 112.4                        | 19.92 | 140.0       | 23.33 | 162.7       | 27.54 | 165.1       | 31.90 | 167.3       | 32.33 | 170.2       | 32.80 | 183.0       | 36.89 |
|        | 29                         | 128.9                        | 25.65 | 155.2       | 29.80 | 176.4       | 34.99 | 178.1       | 40.68 | 179.4       | 40.99 | 189.1       | 43.44 | 217.7       | 53.93 |
|        | 31                         | 145.8                        | 32.46 | 171.1       | 36.80 | 190.8       | 43.73 | 191.5       | 48.59 | 202.1       | 52.33 | 222.7       | 59.66 | 252.5       | 73.11 |
|        | 33                         | 163.3                        | 40.90 | 187.1       | 46.08 | 205.3       | 54.76 | 219.8       | 63.68 | 237.6       | 71.58 | 257.1       | 79.54 | 289.5       | 95.20 |
|        | 35                         | 181.0                        | 51.64 | 203.7       | 57.20 | 240.6       | 78.49 | 256.0       | 85.57 | 273.4       | 94.11 | 299.4       | 103.8 | 329.1       | 116.2 |
|        | 37                         | 181.0                        | 55.07 | 203.7       | 60.86 | 239.6       | 80.33 | 254.4       | 87.43 | 281.7       | 99.88 | 308.6       | 110.0 | 320.9       | 115.0 |
|        | 39                         | 181.0                        | 58.67 | 203.7       | 64.98 | 238.1       | 81.30 | 263.5       | 93.13 | 291.3       | 106.0 | 307.9       | 111.5 | 309.7       | 113.0 |
|        | 41                         | 181.0                        | 63.81 | 200.1       | 69.07 | 243.2       | 87.36 | 268.7       | 100.5 | 286.3       | 108.0 | 291.3       | 108.6 | 292.3       | 109.6 |
|        | 43                         | 181.0                        | 68.84 | 194.9       | 68.92 | 249.0       | 94.31 | 267.2       | 103.8 | 270.4       | 104.2 | 275.2       | 104.6 | 276.6       | 106.3 |
|        | 46                         | 177.2                        | 75.42 | 194.9       | 76.70 | 237.9       | 98.84 | 240.0       | 99.06 | 243.5       | 99.57 | 247.8       | 99.94 | 249.2       | 101.6 |
|        | 48                         | 164.6                        | 75.54 | 189.2       | 85.30 | 210.8       | 96.29 | 213.1       | 96.67 | 216.3       | 97.40 | 219.4       | 97.37 | 220.4       | 98.79 |
|        | 50                         | 155.9                        | 78.98 | 180.4       | 93.34 | 183.9       | 93.12 | 186.2       | 93.36 | 188.1       | 93.84 | 192.0       | 94.19 | 192.2       | 95.33 |
|        | 52                         | 150.8                        | 89.82 | 149.8       | 89.45 | 155.2       | 88.73 | 157.1       | 88.48 | 159.6       | 89.31 | 163.0       | 89.32 | 164.9       | 90.57 |
| 120    | 10                         | 52.60                        | 5.23  | 81.40       | 7.71  | 107.8       | 9.63  | 112.4       | 9.84  | 116.5       | 9.53  | 123.5       | 9.43  | 129.9       | 9.71  |
|        | 12                         | 52.60                        | 5.02  | 81.40       | 7.38  | 107.8       | 9.31  | 112.4       | 9.42  | 116.5       | 9.28  | 123.5       | 9.33  | 129.9       | 9.68  |
|        | 14                         | 52.60                        | 4.77  | 81.40       | 7.09  | 107.8       | 9.06  | 112.4       | 9.20  | 116.5       | 9.11  | 123.5       | 9.26  | 129.9       | 9.69  |
|        | 16                         | 52.60                        | 4.55  | 81.40       | 6.83  | 107.8       | 8.88  | 112.4       | 9.06  | 116.5       | 9.07  | 123.5       | 9.25  | 129.9       | 9.84  |
|        | 18                         | 52.60                        | 4.41  | 81.40       | 6.72  | 107.8       | 8.90  | 112.4       | 9.17  | 116.5       | 9.29  | 123.5       | 9.61  | 129.9       | 10.38 |
|        | 20                         | 52.60                        | 4.34  | 81.40       | 6.82  | 107.8       | 9.45  | 112.4       | 9.90  | 116.5       | 10.21 | 123.5       | 10.87 | 129.9       | 12.40 |
|        | 21                         | 59.40                        | 5.20  | 87.60       | 8.24  | 113.7       | 12.20 | 117.9       | 12.99 | 121.9       | 13.36 | 128.1       | 13.83 | 134.1       | 14.80 |
|        | 23                         | 73.50                        | 12.19 | 100.7       | 14.27 | 125.4       | 16.31 | 129.1       | 16.54 | 132.5       | 16.89 | 137.8       | 17.21 | 142.7       | 18.19 |
|        | 25                         | 87.90                        | 14.84 | 113.9       | 17.43 | 137.6       | 20.22 | 140.4       | 20.66 | 143.4       | 21.28 | 147.7       | 21.70 | 151.7       | 22.78 |
|        | 27                         | 102.3                        | 18.49 | 127.6       | 21.87 | 150.0       | 25.53 | 152.3       | 26.19 | 154.4       | 27.16 | 157.8       | 27.57 | 169.5       | 30.73 |
|        | 29                         | 117.4                        | 23.62 | 141.5       | 27.74 | 162.8       | 31.49 | 164.2       | 32.66 | 165.9       | 33.78 | 175.1       | 35.90 | 200.6       | 43.85 |
|        | 31                         | 132.8                        | 29.77 | 155.6       | 34.35 | 175.8       | 38.28 | 176.7       | 40.49 | 186.9       | 44.68 | 207.0       | 51.18 | 231.7       | 61.63 |
|        | 33                         | 148.8                        | 37.14 | 170.4       | 42.55 | 189.2       | 47.05 | 202.7       | 55.69 | 219.8       | 63.75 | 239.0       | 71.40 | 262.6       | 83.62 |
|        | 35                         | 164.9                        | 46.57 | 185.5       | 52.61 | 221.9       | 66.01 | 236.6       | 80.10 | 252.4       | 87.64 | 270.7       | 95.40 | 300.0       | 108.5 |
|        | 37                         | 164.9                        | 49.95 | 185.5       | 55.72 | 221.9       | 71.24 | 236.7       | 81.95 | 253.2       | 89.92 | 278.5       | 100.5 | 308.3       | 114.3 |
|        | 39                         | 164.9                        | 53.59 | 185.5       | 59.16 | 221.9       | 76.21 | 236.8       | 83.08 | 262.4       | 95.76 | 288.3       | 106.1 | 301.7       | 113.1 |
|        | 41                         | 164.9                        | 58.67 | 185.5       | 64.70 | 219.7       | 78.10 | 242.6       | 89.25 | 268.2       | 102.8 | 283.8       | 108.4 | 285.2       | 109.7 |
|        | 43                         | 164.9                        | 64.10 | 184.7       | 66.35 | 224.9       | 83.62 | 248.5       | 95.89 | 263.4       | 103.8 | 267.8       | 103.9 | 269.2       | 105.8 |
|        | 46                         | 161.7                        | 71.00 | 176.0       | 67.40 | 230.3       | 95.98 | 234.7       | 98.11 | 236.8       | 98.30 | 241.0       | 98.53 | 242.7       | 100.3 |
|        | 48                         | 150.3                        | 71.48 | 171.1       | 75.01 | 206.2       | 95.53 | 207.8       | 95.83 | 209.9       | 96.16 | 213.7       | 96.40 | 214.7       | 97.66 |
|        | 50                         | 138.7                        | 71.68 | 164.3       | 83.20 | 180.2       | 92.86 | 182.0       | 93.24 | 183.2       | 93.24 | 185.7       | 93.17 | 187.7       | 94.59 |
|        | 52                         | 132.9                        | 78.02 | 146.4       | 88.24 | 151.2       | 88.95 | 152.7       | 88.99 | 154.6       | 88.90 | 157.7       | 89.23 | 160.2       | 90.13 |
| 110    | 10                         | 47.60                        | 4.75  | 73.70       | 7.16  | 98.80       | 9.14  | 102.9       | 9.41  | 108.8       | 9.49  | 113.3       | 9.47  | 121.9       | 9.67  |
|        | 12                         | 47.60                        | 4.56  | 73.70       | 6.86  | 98.80       | 8.81  | 102.9       | 9.03  | 108.8       | 9.19  | 113.3       | 9.24  | 121.9       | 9.56  |
|        | 14                         | 47.60                        | 4.33  | 73.70       | 6.59  | 98.80       | 8.58  | 102.9       | 8.81  | 108.8       | 9.03  | 113.3       | 9.08  | 121.9       | 9.45  |
|        | 16                         | 47.60                        | 4.13  | 73.70       | 6.35  | 98.80       | 8.36  | 102.9       | 8.65  | 108.8       | 8.92  | 113.3       | 9.00  | 121.9       | 9.46  |
|        | 18                         | 47.60                        | 3.99  | 73.70       | 6.19  | 98.80       | 8.39  | 102.9       | 8.72  | 108.8       | 9.02  | 113.3       | 9.17  | 121.9       | 9.81  |
|        | 20                         | 47.60                        | 3.92  | 73.70       | 6.21  | 98.80       | 8.83  | 102.9       | 9.19  | 108.8       | 9.68  | 113.3       | 10.02 | 121.9       | 11.18 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 53.70                        | 4.63  | 79.40       | 7.35  | 104.3       | 11.02 | 108.1       | 11.69 | 113.7       | 12.52 | 117.6       | 13.03 | 125.8       | 14.05 |
|        | 23                               | 66.40                        | 11.46 | 91.00       | 13.51 | 115.0       | 15.51 | 118.3       | 15.63 | 123.6       | 16.07 | 126.5       | 16.18 | 133.9       | 16.98 |
|        | 25                               | 79.30                        | 13.86 | 103.1       | 16.21 | 126.3       | 18.91 | 128.9       | 19.20 | 133.8       | 19.72 | 135.5       | 19.79 | 142.5       | 20.96 |
|        | 27                               | 92.50                        | 17.06 | 115.4       | 20.09 | 137.6       | 23.58 | 139.6       | 23.81 | 144.1       | 24.36 | 144.7       | 24.45 | 159.1       | 27.83 |
|        | 29                               | 106.3                        | 21.66 | 128.0       | 25.28 | 149.3       | 29.18 | 150.6       | 29.38 | 154.7       | 30.02 | 160.8       | 31.27 | 188.3       | 38.81 |
|        | 31                               | 120.3                        | 27.15 | 140.9       | 31.14 | 161.3       | 35.33 | 162.1       | 35.52 | 174.4       | 38.93 | 190.3       | 43.54 | 217.4       | 53.25 |
|        | 33                               | 134.5                        | 33.65 | 154.2       | 38.23 | 173.6       | 42.83 | 185.9       | 46.97 | 205.1       | 54.34 | 219.3       | 59.86 | 246.3       | 71.48 |
|        | 35                               | 149.1                        | 41.73 | 168.0       | 47.13 | 203.5       | 58.48 | 217.0       | 64.63 | 235.7       | 74.50 | 248.6       | 80.13 | 275.1       | 92.91 |
|        | 37                               | 149.1                        | 44.46 | 168.0       | 50.11 | 203.5       | 61.90 | 217.0       | 69.49 | 235.7       | 79.91 | 248.7       | 85.45 | 276.6       | 99.04 |
|        | 39                               | 149.1                        | 47.76 | 168.0       | 53.33 | 203.5       | 66.13 | 217.0       | 74.84 | 235.7       | 84.24 | 256.2       | 93.61 | 286.4       | 108.6 |
|        | 41                               | 149.1                        | 52.32 | 168.0       | 57.88 | 203.5       | 71.39 | 217.0       | 82.12 | 239.8       | 93.46 | 262.8       | 105.4 | 277.6       | 114.2 |
|        | 43                               | 149.1                        | 56.55 | 168.0       | 61.62 | 200.9       | 76.01 | 221.9       | 86.81 | 245.4       | 99.14 | 261.1       | 106.6 | 261.9       | 108.2 |
|        | 46                               | 146.1                        | 59.07 | 164.8       | 62.83 | 205.2       | 86.02 | 226.9       | 97.77 | 230.7       | 99.59 | 234.7       | 99.81 | 235.3       | 101.2 |
|        | 48                               | 135.9                        | 59.52 | 153.2       | 63.76 | 199.3       | 94.05 | 202.7       | 95.34 | 204.5       | 95.80 | 208.1       | 95.96 | 208.8       | 97.33 |
|        | 50                               | 125.7                        | 59.63 | 147.3       | 69.59 | 175.5       | 90.48 | 177.1       | 91.14 | 178.9       | 91.42 | 181.7       | 91.19 | 182.3       | 92.59 |
|        | 52                               | 115.2                        | 58.72 | 140.9       | 79.20 | 146.3       | 84.67 | 148.3       | 85.85 | 149.7       | 85.61 | 152.0       | 84.94 | 155.2       | 86.49 |
| 100    | 10                               | 41.30                        | 4.25  | 63.90       | 6.59  | 87.90       | 8.63  | 93.70       | 8.94  | 99.00       | 9.08  | 107.9       | 9.59  | 113.2       | 9.73  |
|        | 12                               | 41.30                        | 4.08  | 63.90       | 6.35  | 87.90       | 8.27  | 93.70       | 8.54  | 99.00       | 8.73  | 107.9       | 9.35  | 113.2       | 9.56  |
|        | 14                               | 41.30                        | 3.91  | 63.90       | 6.06  | 87.90       | 8.01  | 93.70       | 8.27  | 99.00       | 8.48  | 107.9       | 9.19  | 113.2       | 9.42  |
|        | 16                               | 41.30                        | 3.70  | 63.90       | 5.80  | 87.90       | 7.78  | 93.70       | 8.12  | 99.00       | 8.37  | 107.9       | 9.07  | 113.2       | 9.39  |
|        | 18                               | 41.30                        | 3.55  | 63.90       | 5.65  | 87.90       | 7.66  | 93.70       | 8.06  | 99.00       | 8.45  | 107.9       | 9.17  | 113.2       | 9.58  |
|        | 20                               | 41.30                        | 3.51  | 63.90       | 5.61  | 87.90       | 7.93  | 93.70       | 8.49  | 99.00       | 8.99  | 107.9       | 9.75  | 113.2       | 10.54 |
|        | 21                               | 46.70                        | 4.10  | 69.00       | 6.47  | 92.80       | 9.67  | 98.30       | 10.49 | 103.5       | 11.29 | 112.1       | 12.27 | 116.9       | 13.52 |
|        | 23                               | 57.60                        | 10.78 | 79.00       | 12.68 | 102.3       | 14.76 | 107.5       | 15.14 | 112.4       | 15.54 | 120.4       | 15.90 | 124.5       | 16.29 |
|        | 25                               | 68.70                        | 12.83 | 89.50       | 15.09 | 112.3       | 17.72 | 117.2       | 18.38 | 121.6       | 18.96 | 129.1       | 19.03 | 132.2       | 19.60 |
|        | 27                               | 80.30                        | 15.66 | 100.1       | 18.38 | 122.4       | 21.88 | 127.0       | 22.80 | 131.1       | 23.37 | 137.9       | 23.43 | 147.8       | 25.52 |
|        | 29                               | 92.00                        | 19.60 | 111.1       | 22.89 | 132.9       | 27.19 | 136.9       | 28.18 | 140.9       | 28.61 | 153.0       | 29.78 | 174.9       | 35.43 |
|        | 31                               | 104.0                        | 24.68 | 122.3       | 28.11 | 143.4       | 33.06 | 147.3       | 33.99 | 158.6       | 36.21 | 180.9       | 40.56 | 202.0       | 47.78 |
|        | 33                               | 116.6                        | 30.21 | 133.9       | 34.25 | 154.5       | 40.08 | 169.1       | 44.72 | 186.6       | 48.76 | 208.9       | 54.71 | 229.0       | 63.73 |
|        | 35                               | 129.3                        | 37.20 | 145.5       | 41.91 | 181.0       | 54.41 | 197.4       | 60.99 | 214.5       | 65.32 | 236.1       | 72.65 | 255.7       | 83.02 |
|        | 37                               | 129.3                        | 39.81 | 145.5       | 44.86 | 181.0       | 57.76 | 197.4       | 64.29 | 214.5       | 69.65 | 233.7       | 76.81 | 252.7       | 87.93 |
|        | 39                               | 129.3                        | 42.73 | 145.5       | 48.03 | 181.0       | 61.29 | 197.4       | 67.73 | 214.5       | 74.30 | 231.5       | 80.38 | 250.9       | 92.13 |
|        | 41                               | 129.3                        | 46.37 | 145.5       | 52.19 | 181.0       | 65.91 | 197.4       | 72.94 | 214.5       | 79.45 | 230.9       | 86.62 | 257.9       | 102.7 |
|        | 43                               | 129.3                        | 50.70 | 145.5       | 56.94 | 181.0       | 70.03 | 197.4       | 77.19 | 214.8       | 86.38 | 235.9       | 96.48 | 252.6       | 108.6 |
|        | 46                               | 126.7                        | 56.65 | 142.9       | 62.76 | 180.9       | 78.25 | 199.2       | 91.49 | 219.6       | 104.5 | 226.1       | 106.4 | 226.8       | 108.4 |
|        | 48                               | 118.1                        | 52.97 | 133.3       | 58.47 | 175.4       | 79.76 | 193.4       | 92.90 | 197.0       | 94.70 | 200.6       | 94.90 | 201.0       | 96.32 |
|        | 50                               | 109.5                        | 49.07 | 124.7       | 54.61 | 167.8       | 79.68 | 171.4       | 82.09 | 172.0       | 82.13 | 175.4       | 82.27 | 175.6       | 83.40 |
|        | 52                               | 100.7                        | 43.99 | 121.8       | 55.44 | 139.2       | 67.74 | 142.7       | 68.28 | 143.9       | 68.24 | 147.2       | 68.07 | 149.3       | 68.85 |
| 90     | 10                               | 37.10                        | 3.84  | 57.60       | 6.08  | 79.10       | 8.15  | 84.30       | 8.53  | 89.10       | 8.76  | 97.80       | 9.36  | 107.8       | 10.09 |
|        | 12                               | 37.10                        | 3.63  | 57.60       | 5.80  | 79.10       | 7.74  | 84.30       | 8.09  | 89.10       | 8.35  | 97.80       | 8.90  | 107.8       | 9.69  |
|        | 14                               | 37.10                        | 3.44  | 57.60       | 5.45  | 79.10       | 7.34  | 84.30       | 7.73  | 89.10       | 7.96  | 97.80       | 8.51  | 107.8       | 9.28  |
|        | 16                               | 37.10                        | 3.28  | 57.60       | 5.14  | 79.10       | 7.03  | 84.30       | 7.38  | 89.10       | 7.65  | 97.80       | 8.18  | 107.8       | 8.99  |
|        | 18                               | 37.10                        | 3.10  | 57.60       | 4.95  | 79.10       | 6.79  | 84.30       | 7.17  | 89.10       | 7.44  | 97.80       | 8.03  | 107.8       | 9.05  |
|        | 20                               | 37.10                        | 3.03  | 57.60       | 4.83  | 79.10       | 6.79  | 84.30       | 7.25  | 89.10       | 7.64  | 97.80       | 8.50  | 107.8       | 9.71  |
|        | 21                               | 42.00                        | 3.50  | 62.10       | 5.46  | 83.40       | 7.99  | 88.50       | 8.67  | 93.00       | 9.31  | 101.6       | 10.30 | 111.2       | 12.54 |
|        | 23                               | 51.70                        | 9.66  | 71.30       | 11.26 | 92.00       | 13.15 | 96.90       | 13.60 | 101.1       | 13.83 | 109.1       | 14.44 | 118.5       | 15.71 |
|        | 25                               | 61.80                        | 11.32 | 80.50       | 13.29 | 101.0       | 15.58 | 105.4       | 16.10 | 109.5       | 16.49 | 117.0       | 17.32 | 126.0       | 18.71 |
|        | 27                               | 72.10                        | 13.65 | 90.10       | 16.00 | 110.2       | 18.90 | 114.1       | 19.57 | 117.9       | 20.15 | 125.0       | 20.98 | 140.7       | 23.94 |
|        | 29                               | 82.70                        | 16.78 | 100.0       | 19.73 | 119.3       | 23.37 | 123.2       | 24.14 | 126.7       | 24.87 | 138.7       | 26.57 | 166.4       | 32.71 |
|        | 31                               | 93.80                        | 21.24 | 110.2       | 24.18 | 129.0       | 28.18 | 132.6       | 29.04 | 142.7       | 31.45 | 164.0       | 35.47 | 192.2       | 43.36 |
|        | 33                               | 104.7                        | 25.92 | 120.5       | 29.21 | 138.8       | 34.01 | 152.2       | 37.74 | 167.7       | 42.36 | 189.4       | 46.93 | 217.0       | 56.71 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 116.4                        | 31.58 | 131.2       | 35.32 | 162.9       | 45.57 | 177.5       | 50.86 | 192.7       | 56.42 | 214.6       | 62.31 | 240.3       | 73.67 |
|        | 37                               | 116.4                        | 33.56 | 131.2       | 37.73 | 162.9       | 48.60 | 177.5       | 54.10 | 192.7       | 59.77 | 214.6       | 66.22 | 237.9       | 77.67 |
|        | 39                               | 116.4                        | 35.70 | 131.2       | 40.17 | 162.9       | 51.58 | 177.5       | 57.58 | 192.7       | 63.11 | 214.6       | 70.67 | 235.9       | 81.72 |
|        | 41                               | 116.4                        | 40.12 | 131.2       | 44.85 | 162.9       | 57.14 | 177.5       | 63.61 | 192.7       | 68.81 | 213.6       | 75.94 | 230.1       | 86.61 |
|        | 43                               | 116.4                        | 44.23 | 131.2       | 49.34 | 162.9       | 62.57 | 177.5       | 68.54 | 192.7       | 73.42 | 209.5       | 81.04 | 232.1       | 95.60 |
|        | 46                               | 114.2                        | 51.02 | 129.0       | 56.88 | 159.9       | 70.92 | 174.2       | 77.25 | 194.7       | 89.06 | 214.2       | 100.3 | 222.9       | 108.4 |
|        | 48                               | 106.2                        | 48.13 | 120.2       | 53.58 | 150.9       | 67.66 | 171.2       | 79.65 | 189.0       | 91.33 | 197.8       | 94.79 | 197.8       | 96.50 |
|        | 50                               | 98.60                        | 45.05 | 111.8       | 49.84 | 147.3       | 68.96 | 167.0       | 80.94 | 169.8       | 83.42 | 173.2       | 82.38 | 172.8       | 83.68 |
|        | 52                               | 90.60                        | 41.41 | 104.3       | 46.53 | 139.4       | 69.53 | 144.7       | 72.06 | 141.2       | 70.69 | 144.7       | 68.28 | 146.2       | 69.34 |
| 80     | 10                               | 33.00                        | 3.53  | 51.20       | 5.55  | 70.20       | 7.66  | 74.90       | 8.11  | 79.40       | 8.42  | 87.00       | 9.21  | 95.70       | 9.94  |
|        | 12                               | 33.00                        | 3.22  | 51.20       | 5.29  | 70.20       | 7.30  | 74.90       | 7.70  | 79.40       | 7.98  | 87.00       | 8.72  | 95.70       | 9.42  |
|        | 14                               | 33.00                        | 3.09  | 51.20       | 5.01  | 70.20       | 6.84  | 74.90       | 7.26  | 79.40       | 7.55  | 87.00       | 8.29  | 95.70       | 8.98  |
|        | 16                               | 33.00                        | 2.93  | 51.20       | 4.70  | 70.20       | 6.51  | 74.90       | 6.92  | 79.40       | 7.23  | 87.00       | 7.94  | 95.70       | 8.62  |
|        | 18                               | 33.00                        | 2.81  | 51.20       | 4.51  | 70.20       | 6.28  | 74.90       | 6.68  | 79.40       | 6.99  | 87.00       | 7.67  | 95.70       | 8.43  |
|        | 20                               | 33.00                        | 2.72  | 51.20       | 4.41  | 70.20       | 6.23  | 74.90       | 6.65  | 79.40       | 7.01  | 87.00       | 7.81  | 95.70       | 8.90  |
|        | 21                               | 37.30                        | 3.12  | 55.10       | 4.89  | 74.10       | 7.09  | 78.70       | 7.63  | 83.00       | 8.17  | 90.40       | 9.23  | 98.90       | 11.01 |
|        | 23                               | 46.00                        | 9.15  | 63.30       | 10.74 | 81.70       | 12.47 | 86.10       | 12.94 | 90.10       | 13.24 | 97.10       | 14.12 | 105.2       | 15.12 |
|        | 25                               | 55.00                        | 10.71 | 71.50       | 12.53 | 89.70       | 14.68 | 93.70       | 15.14 | 97.50       | 15.50 | 104.2       | 16.50 | 111.9       | 17.65 |
|        | 27                               | 64.10                        | 12.76 | 80.00       | 14.89 | 97.80       | 17.57 | 101.5       | 18.12 | 105.1       | 18.58 | 111.1       | 19.67 | 125.0       | 22.05 |
|        | 29                               | 73.50                        | 15.53 | 88.90       | 18.18 | 106.1       | 21.33 | 109.5       | 22.03 | 112.9       | 22.62 | 123.5       | 24.93 | 147.9       | 29.84 |
|        | 31                               | 83.10                        | 19.49 | 97.70       | 22.25 | 114.6       | 25.74 | 117.8       | 26.44 | 127.1       | 28.49 | 145.9       | 33.19 | 170.7       | 38.97 |
|        | 33                               | 93.10                        | 23.78 | 107.0       | 26.71 | 123.3       | 30.72 | 135.3       | 33.97 | 149.5       | 38.02 | 168.5       | 43.47 | 193.6       | 50.43 |
|        | 35                               | 103.2                        | 28.74 | 116.5       | 32.01 | 144.6       | 40.77 | 157.8       | 45.23 | 171.9       | 50.24 | 191.0       | 56.65 | 216.4       | 65.53 |
|        | 37                               | 103.2                        | 30.51 | 116.5       | 34.07 | 144.6       | 43.35 | 157.8       | 48.17 | 171.9       | 53.45 | 191.0       | 60.01 | 216.4       | 69.72 |
|        | 39                               | 103.2                        | 32.33 | 116.5       | 36.27 | 144.6       | 46.31 | 157.8       | 51.61 | 171.9       | 57.21 | 191.0       | 63.59 | 216.4       | 74.52 |
|        | 41                               | 103.2                        | 36.13 | 116.5       | 40.51 | 144.6       | 51.39 | 157.8       | 57.20 | 171.9       | 63.47 | 191.0       | 69.59 | 216.0       | 81.46 |
|        | 43                               | 103.2                        | 40.30 | 116.5       | 44.86 | 144.6       | 56.83 | 157.8       | 62.77 | 171.9       | 69.36 | 191.0       | 74.61 | 210.6       | 85.76 |
|        | 46                               | 101.4                        | 46.28 | 114.3       | 51.68 | 142.0       | 64.48 | 154.8       | 70.34 | 168.5       | 78.12 | 187.1       | 85.18 | 207.7       | 100.1 |
|        | 48                               | 94.40                        | 43.75 | 106.7       | 48.72 | 132.8       | 60.50 | 144.8       | 65.97 | 162.1       | 77.32 | 181.9       | 86.28 | 194.8       | 96.66 |
|        | 50                               | 87.60                        | 41.20 | 99.10       | 45.54 | 123.5       | 56.19 | 139.4       | 65.27 | 158.1       | 78.60 | 170.4       | 82.46 | 170.3       | 83.83 |
|        | 52                               | 80.60                        | 38.67 | 91.30       | 41.28 | 120.1       | 57.43 | 134.9       | 67.46 | 140.7       | 72.80 | 141.7       | 68.61 | 143.4       | 69.63 |
| 70     | 10                               | 28.70                        | 3.23  | 44.70       | 4.73  | 61.50       | 6.67  | 65.50       | 7.16  | 69.30       | 7.54  | 76.10       | 8.31  | 83.70       | 9.26  |
|        | 12                               | 28.70                        | 2.68  | 44.70       | 4.48  | 61.50       | 6.39  | 65.50       | 6.82  | 69.30       | 7.16  | 76.10       | 7.91  | 83.70       | 8.78  |
|        | 14                               | 28.70                        | 2.58  | 44.70       | 4.25  | 61.50       | 6.02  | 65.50       | 6.38  | 69.30       | 6.72  | 76.10       | 7.45  | 83.70       | 8.31  |
|        | 16                               | 28.70                        | 2.49  | 44.70       | 4.04  | 61.50       | 5.66  | 65.50       | 6.07  | 69.30       | 6.40  | 76.10       | 7.08  | 83.70       | 7.93  |
|        | 18                               | 28.70                        | 2.39  | 44.70       | 3.85  | 61.50       | 5.49  | 65.50       | 5.87  | 69.30       | 6.18  | 76.10       | 6.83  | 83.70       | 7.68  |
|        | 20                               | 28.70                        | 2.30  | 44.70       | 3.76  | 61.50       | 5.37  | 65.50       | 5.80  | 69.30       | 6.13  | 76.10       | 6.82  | 83.70       | 7.85  |
|        | 21                               | 32.70                        | 2.61  | 48.20       | 4.13  | 64.70       | 5.98  | 68.70       | 6.46  | 72.50       | 6.89  | 79.10       | 7.71  | 86.60       | 9.27  |
|        | 23                               | 40.40                        | 7.66  | 55.30       | 9.84  | 71.60       | 11.38 | 75.20       | 11.80 | 78.80       | 12.13 | 85.00       | 13.07 | 92.10       | 14.25 |
|        | 25                               | 48.00                        | 9.65  | 62.70       | 11.30 | 78.50       | 13.21 | 81.90       | 13.71 | 85.40       | 14.04 | 90.90       | 15.06 | 97.80       | 16.17 |
|        | 27                               | 56.10                        | 11.34 | 70.20       | 13.34 | 85.50       | 15.55 | 88.90       | 16.06 | 91.80       | 16.59 | 97.10       | 17.71 | 109.5       | 19.89 |
|        | 29                               | 64.40                        | 13.71 | 77.80       | 15.95 | 92.80       | 18.78 | 95.80       | 19.34 | 98.90       | 19.86 | 108.0       | 22.04 | 129.4       | 26.79 |
|        | 31                               | 72.70                        | 16.96 | 85.70       | 19.68 | 100.2       | 22.60 | 102.9       | 23.22 | 111.1       | 24.89 | 127.7       | 29.08 | 149.5       | 34.75 |
|        | 33                               | 81.50                        | 20.83 | 93.80       | 23.37 | 107.9       | 26.72 | 118.3       | 29.30 | 130.8       | 32.57 | 147.3       | 37.76 | 169.4       | 44.94 |
|        | 35                               | 90.50                        | 25.11 | 102.0       | 27.87 | 126.4       | 34.79 | 138.0       | 38.41 | 150.3       | 42.52 | 166.9       | 48.91 | 189.4       | 57.49 |
|        | 37                               | 90.50                        | 26.70 | 102.0       | 29.57 | 126.4       | 37.12 | 138.0       | 40.99 | 150.3       | 45.30 | 166.9       | 52.11 | 189.4       | 60.89 |
|        | 39                               | 90.50                        | 28.36 | 102.0       | 31.56 | 126.4       | 39.66 | 138.0       | 43.96 | 150.3       | 48.68 | 166.9       | 55.68 | 189.4       | 65.35 |
|        | 41                               | 90.50                        | 31.65 | 102.0       | 35.03 | 126.4       | 44.00 | 138.0       | 48.75 | 150.3       | 53.67 | 166.9       | 61.84 | 189.4       | 71.77 |
|        | 43                               | 90.50                        | 35.04 | 102.0       | 38.86 | 126.4       | 48.67 | 138.0       | 53.89 | 150.3       | 59.22 | 166.9       | 68.03 | 189.4       | 78.30 |
|        | 46                               | 88.70                        | 40.15 | 100.2       | 44.78 | 124.2       | 55.82 | 135.6       | 61.09 | 147.7       | 67.15 | 163.7       | 77.02 | 185.8       | 87.78 |
|        | 48                               | 82.70                        | 38.09 | 93.60       | 42.33 | 116.0       | 52.67 | 126.8       | 57.59 | 138.1       | 63.07 | 152.9       | 72.08 | 175.4       | 83.68 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 76.70                        | 35.92 | 86.80       | 39.66 | 108.0       | 49.29 | 118.0       | 53.47 | 129.2       | 59.22 | 147.6       | 71.76 | 171.1       | 84.40 |
|        | 52                              | 70.70                        | 33.76 | 80.00       | 36.51 | 99.80       | 44.55 | 111.8       | 51.30 | 126.0       | 61.39 | 139.0       | 71.73 | 146.6       | 72.64 |
| 60     | 10                              | 24.70                        | 2.90  | 38.30       | 4.14  | 52.70       | 5.61  | 56.10       | 6.08  | 59.50       | 6.45  | 65.40       | 7.21  | 71.80       | 8.11  |
|        | 12                              | 24.70                        | 2.18  | 38.30       | 3.63  | 52.70       | 5.32  | 56.10       | 5.78  | 59.50       | 6.16  | 65.40       | 6.87  | 71.80       | 7.72  |
|        | 14                              | 24.70                        | 2.10  | 38.30       | 3.49  | 52.70       | 5.06  | 56.10       | 5.45  | 59.50       | 5.79  | 65.40       | 6.46  | 71.80       | 7.24  |
|        | 16                              | 24.70                        | 2.05  | 38.30       | 3.35  | 52.70       | 4.79  | 56.10       | 5.14  | 59.50       | 5.49  | 65.40       | 6.10  | 71.80       | 6.87  |
|        | 18                              | 24.70                        | 1.99  | 38.30       | 3.21  | 52.70       | 4.58  | 56.10       | 4.95  | 59.50       | 5.28  | 65.40       | 5.87  | 71.80       | 6.64  |
|        | 20                              | 24.70                        | 1.90  | 38.30       | 3.12  | 52.70       | 4.49  | 56.10       | 4.87  | 59.50       | 5.18  | 65.40       | 5.79  | 71.80       | 6.63  |
|        | 21                              | 27.80                        | 2.15  | 41.30       | 3.37  | 55.50       | 4.94  | 58.80       | 5.33  | 62.20       | 5.69  | 67.80       | 6.36  | 74.20       | 7.48  |
|        | 23                              | 34.40                        | 5.23  | 47.40       | 7.93  | 61.40       | 10.33 | 64.50       | 10.70 | 67.50       | 10.95 | 72.90       | 11.77 | 79.00       | 13.03 |
|        | 25                              | 41.50                        | 8.79  | 53.70       | 10.06 | 67.30       | 11.67 | 70.30       | 12.13 | 73.10       | 12.50 | 78.10       | 13.44 | 84.00       | 14.80 |
|        | 27                              | 48.00                        | 10.02 | 60.10       | 11.65 | 73.30       | 13.60 | 76.00       | 14.10 | 78.80       | 14.50 | 83.30       | 15.49 | 93.80       | 17.85 |
|        | 29                              | 55.10                        | 11.92 | 66.60       | 13.81 | 79.60       | 16.18 | 82.30       | 16.76 | 84.50       | 17.26 | 92.50       | 19.01 | 111.0       | 23.47 |
|        | 31                              | 62.40                        | 14.47 | 73.40       | 16.86 | 85.90       | 19.59 | 88.20       | 20.12 | 95.40       | 21.51 | 109.5       | 24.84 | 128.0       | 30.19 |
|        | 33                              | 69.80                        | 17.91 | 80.30       | 20.16 | 92.50       | 22.99 | 101.5       | 25.08 | 112.0       | 27.63 | 126.3       | 31.69 | 145.2       | 38.41 |
|        | 35                              | 77.50                        | 21.51 | 87.40       | 23.90 | 108.4       | 29.42 | 118.4       | 32.20 | 128.8       | 35.33 | 143.2       | 40.36 | 162.3       | 48.72 |
|        | 37                              | 77.50                        | 22.76 | 87.40       | 25.32 | 108.4       | 31.25 | 118.4       | 34.29 | 128.8       | 37.62 | 143.2       | 43.02 | 162.3       | 51.85 |
|        | 39                              | 77.50                        | 24.24 | 87.40       | 26.96 | 108.4       | 33.59 | 118.4       | 36.83 | 128.8       | 40.42 | 143.2       | 46.07 | 162.3       | 55.48 |
|        | 41                              | 77.50                        | 26.74 | 87.40       | 29.90 | 108.4       | 37.11 | 118.4       | 40.77 | 128.8       | 44.56 | 143.2       | 51.15 | 162.3       | 61.29 |
|        | 43                              | 77.50                        | 29.55 | 87.40       | 33.04 | 108.4       | 41.03 | 118.4       | 45.05 | 128.8       | 49.25 | 143.2       | 56.63 | 162.3       | 67.93 |
|        | 46                              | 76.10                        | 34.09 | 85.80       | 38.20 | 106.4       | 47.26 | 116.2       | 51.75 | 126.4       | 56.41 | 140.6       | 64.80 | 159.3       | 78.27 |
|        | 48                              | 70.70                        | 32.36 | 80.00       | 36.25 | 99.40       | 44.73 | 108.6       | 48.88 | 118.2       | 53.26 | 131.2       | 60.95 | 148.5       | 73.12 |
|        | 50                              | 65.70                        | 30.73 | 74.20       | 34.31 | 92.60       | 41.94 | 101.2       | 45.82 | 110.0       | 49.91 | 122.0       | 56.53 | 137.7       | 67.56 |
|        | 52                              | 60.50                        | 28.95 | 68.60       | 32.35 | 85.40       | 38.70 | 93.60       | 41.63 | 102.0       | 45.16 | 114.6       | 53.42 | 132.1       | 67.19 |
| 50     | 10                              | 20.70                        | 2.78  | 32.00       | 3.67  | 43.90       | 4.71  | 46.80       | 4.87  | 49.60       | 5.23  | 54.40       | 5.86  | 59.90       | 6.64  |
|        | 12                              | 20.70                        | 1.99  | 32.00       | 2.82  | 43.90       | 4.17  | 46.80       | 4.59  | 49.60       | 4.98  | 54.40       | 5.60  | 59.90       | 6.35  |
|        | 14                              | 20.70                        | 1.80  | 32.00       | 2.73  | 43.90       | 4.01  | 46.80       | 4.38  | 49.60       | 4.71  | 54.40       | 5.28  | 59.90       | 5.98  |
|        | 16                              | 20.70                        | 1.76  | 32.00       | 2.64  | 43.90       | 3.84  | 46.80       | 4.17  | 49.60       | 4.47  | 54.40       | 5.02  | 59.90       | 5.65  |
|        | 18                              | 20.70                        | 1.70  | 32.00       | 2.53  | 43.90       | 3.67  | 46.80       | 3.99  | 49.60       | 4.26  | 54.40       | 4.80  | 59.90       | 5.43  |
|        | 20                              | 20.70                        | 1.64  | 32.00       | 2.45  | 43.90       | 3.58  | 46.80       | 3.90  | 49.60       | 4.19  | 54.40       | 4.71  | 59.90       | 5.37  |
|        | 21                              | 23.40                        | 1.74  | 34.40       | 2.65  | 46.40       | 3.86  | 49.10       | 4.20  | 51.70       | 4.49  | 56.50       | 5.04  | 61.80       | 5.88  |
|        | 23                              | 28.70                        | 3.52  | 39.60       | 5.19  | 51.00       | 8.95  | 53.80       | 9.44  | 56.30       | 9.81  | 60.60       | 10.46 | 65.80       | 11.42 |
|        | 25                              | 38.50                        | 8.40  | 44.70       | 8.86  | 56.10       | 10.19 | 58.50       | 10.54 | 60.90       | 10.86 | 65.00       | 11.68 | 69.90       | 12.88 |
|        | 27                              | 40.30                        | 8.86  | 50.10       | 10.02 | 61.10       | 11.69 | 63.40       | 12.10 | 65.50       | 12.47 | 69.50       | 13.37 | 78.20       | 15.25 |
|        | 29                              | 46.00                        | 10.34 | 55.60       | 11.78 | 66.30       | 13.65 | 68.50       | 14.14 | 70.40       | 14.56 | 77.10       | 16.08 | 92.40       | 19.51 |
|        | 31                              | 52.10                        | 12.29 | 61.30       | 14.01 | 71.60       | 16.45 | 73.50       | 16.98 | 79.20       | 18.22 | 91.20       | 20.89 | 106.8       | 24.99 |
|        | 33                              | 58.30                        | 15.08 | 67.10       | 17.01 | 77.10       | 19.37 | 84.60       | 21.06 | 93.30       | 23.06 | 105.1       | 26.18 | 120.9       | 31.19 |
|        | 35                              | 64.70                        | 18.19 | 72.90       | 19.98 | 90.50       | 24.44 | 98.70       | 26.61 | 107.3       | 28.91 | 119.2       | 32.63 | 135.3       | 38.83 |
|        | 37                              | 64.70                        | 19.31 | 72.90       | 21.17 | 90.50       | 25.90 | 98.70       | 28.23 | 107.3       | 30.71 | 119.2       | 34.81 | 135.3       | 41.32 |
|        | 39                              | 64.70                        | 20.50 | 72.90       | 22.59 | 90.50       | 27.73 | 98.70       | 30.29 | 107.3       | 32.91 | 119.2       | 37.16 | 135.3       | 44.55 |
|        | 41                              | 64.70                        | 22.47 | 72.90       | 24.84 | 90.50       | 30.69 | 98.70       | 33.36 | 107.3       | 36.23 | 119.2       | 41.30 | 135.3       | 49.20 |
|        | 43                              | 64.70                        | 24.75 | 72.90       | 27.40 | 90.50       | 33.91 | 98.70       | 36.96 | 107.3       | 40.12 | 119.2       | 45.71 | 135.3       | 54.49 |
|        | 46                              | 63.50                        | 28.34 | 71.70       | 31.65 | 88.90       | 39.12 | 96.90       | 42.53 | 105.1       | 46.12 | 117.0       | 52.69 | 132.7       | 62.78 |
|        | 48                              | 59.10                        | 26.87 | 66.70       | 30.11 | 83.10       | 37.18 | 90.70       | 40.36 | 98.30       | 43.70 | 109.2       | 49.67 | 123.7       | 59.00 |
|        | 50                              | 54.70                        | 25.63 | 61.90       | 28.72 | 77.30       | 35.24 | 84.30       | 38.30 | 91.50       | 41.04 | 101.4       | 46.49 | 114.7       | 54.97 |
|        | 52                              | 50.50                        | 24.22 | 57.30       | 27.23 | 71.50       | 33.29 | 78.10       | 36.09 | 84.70       | 37.94 | 93.80       | 42.25 | 105.9       | 49.69 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM860LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 58.80                        | 5.67  | 91.10       | 8.12  | 119.7       | 9.75  | 124.7       | 9.53  | 129.3       | 9.36  | 136.7       | 9.45  | 143.7       | 9.77  |
|        | 12                         | 58.80                        | 5.41  | 91.10       | 7.77  | 119.7       | 9.46  | 124.7       | 9.24  | 129.3       | 9.18  | 136.7       | 9.29  | 143.7       | 9.67  |
|        | 14                         | 58.80                        | 5.12  | 91.10       | 7.45  | 119.7       | 9.22  | 124.7       | 9.08  | 129.3       | 9.02  | 136.7       | 9.20  | 143.7       | 9.71  |
|        | 16                         | 58.80                        | 4.89  | 91.10       | 7.20  | 119.7       | 9.14  | 124.7       | 9.04  | 129.3       | 9.09  | 136.7       | 9.34  | 143.7       | 9.99  |
|        | 18                         | 58.80                        | 4.75  | 91.10       | 7.14  | 119.7       | 9.21  | 124.7       | 9.33  | 129.3       | 9.50  | 136.7       | 9.91  | 143.7       | 10.96 |
|        | 20                         | 58.80                        | 4.71  | 91.10       | 7.37  | 119.7       | 10.00 | 124.7       | 10.61 | 129.3       | 11.17 | 136.7       | 12.13 | 143.7       | 13.96 |
|        | 21                         | 66.60                        | 5.72  | 98.30       | 9.11  | 126.0       | 13.28 | 130.8       | 14.14 | 135.2       | 14.31 | 141.8       | 14.91 | 148.4       | 15.90 |
|        | 23                         | 82.20                        | 12.65 | 112.9       | 14.64 | 139.1       | 16.58 | 143.3       | 18.10 | 146.9       | 18.53 | 152.5       | 19.17 | 158.1       | 20.39 |
|        | 25                         | 98.40                        | 15.54 | 127.7       | 18.18 | 152.7       | 20.99 | 155.9       | 23.71 | 159.0       | 24.23 | 163.3       | 24.96 | 167.9       | 26.31 |
|        | 27                         | 114.7                        | 19.77 | 143.0       | 23.14 | 166.4       | 27.04 | 169.0       | 31.34 | 171.4       | 31.72 | 174.4       | 32.26 | 187.6       | 36.12 |
|        | 29                         | 131.6                        | 25.55 | 158.5       | 29.39 | 180.5       | 34.35 | 182.3       | 39.98 | 183.9       | 40.24 | 193.8       | 42.59 | 223.1       | 52.69 |
|        | 31                         | 148.8                        | 32.23 | 174.7       | 36.24 | 195.1       | 42.90 | 196.0       | 47.70 | 207.1       | 51.26 | 228.2       | 58.31 | 258.8       | 71.61 |
|        | 33                         | 166.6                        | 40.46 | 191.0       | 45.33 | 210.0       | 53.68 | 225.0       | 62.35 | 243.4       | 70.02 | 263.4       | 78.36 | 296.6       | 95.11 |
|        | 35                         | 184.8                        | 50.91 | 208.0       | 56.22 | 246.2       | 77.02 | 262.0       | 84.55 | 280.2       | 93.88 | 306.7       | 104.6 | 341.1       | 120.1 |
|        | 37                         | 184.8                        | 54.33 | 208.0       | 59.87 | 245.2       | 78.95 | 260.5       | 86.56 | 288.4       | 99.88 | 315.9       | 111.1 | 330.1       | 117.9 |
|        | 39                         | 184.8                        | 57.91 | 208.0       | 63.95 | 243.7       | 80.00 | 269.6       | 92.39 | 297.9       | 106.2 | 314.9       | 112.3 | 316.8       | 113.5 |
|        | 41                         | 184.8                        | 63.05 | 204.4       | 68.02 | 248.7       | 85.86 | 274.7       | 99.50 | 292.5       | 107.4 | 297.4       | 108.0 | 298.7       | 109.2 |
|        | 43                         | 184.8                        | 68.34 | 199.2       | 68.45 | 254.5       | 93.62 | 272.6       | 103.4 | 275.8       | 103.7 | 280.8       | 104.2 | 282.2       | 106.1 |
|        | 46                         | 181.0                        | 75.77 | 199.2       | 76.66 | 242.7       | 98.68 | 244.7       | 98.90 | 248.3       | 99.39 | 252.6       | 99.80 | 253.9       | 101.5 |
|        | 48                         | 168.4                        | 76.26 | 193.7       | 85.70 | 215.2       | 96.37 | 217.5       | 96.71 | 219.9       | 97.11 | 223.8       | 97.45 | 224.8       | 98.90 |
|        | 50                         | 159.7                        | 79.89 | 184.3       | 93.94 | 187.9       | 93.70 | 190.1       | 93.91 | 192.0       | 94.44 | 196.0       | 94.75 | 196.1       | 95.89 |
|        | 52                         | 154.6                        | 90.78 | 153.4       | 90.27 | 158.8       | 89.56 | 160.7       | 89.33 | 163.1       | 90.11 | 166.6       | 90.12 | 168.4       | 91.35 |
| 120    | 10                         | 53.70                        | 5.20  | 83.20       | 7.65  | 110.3       | 9.53  | 115.1       | 9.71  | 119.4       | 9.39  | 126.5       | 9.33  | 133.2       | 9.62  |
|        | 12                         | 53.70                        | 4.98  | 83.20       | 7.31  | 110.3       | 9.21  | 115.1       | 9.30  | 119.4       | 9.14  | 126.5       | 9.21  | 133.2       | 9.56  |
|        | 14                         | 53.70                        | 4.75  | 83.20       | 7.00  | 110.3       | 8.96  | 115.1       | 9.08  | 119.4       | 8.98  | 126.5       | 9.10  | 133.2       | 9.48  |
|        | 16                         | 53.70                        | 4.50  | 83.20       | 6.74  | 110.3       | 8.77  | 115.1       | 8.93  | 119.4       | 8.91  | 126.5       | 9.06  | 133.2       | 9.61  |
|        | 18                         | 53.70                        | 4.35  | 83.20       | 6.63  | 110.3       | 8.78  | 115.1       | 9.04  | 119.4       | 9.13  | 126.5       | 9.41  | 133.2       | 10.16 |
|        | 20                         | 53.70                        | 4.29  | 83.20       | 6.76  | 110.3       | 9.36  | 115.1       | 9.80  | 119.4       | 10.09 | 126.5       | 10.72 | 133.2       | 12.26 |
|        | 21                         | 60.60                        | 5.16  | 89.50       | 8.19  | 116.3       | 12.18 | 120.8       | 12.98 | 124.8       | 13.33 | 131.3       | 13.65 | 137.4       | 14.44 |
|        | 23                         | 75.00                        | 12.03 | 102.9       | 14.06 | 128.3       | 16.03 | 132.2       | 16.27 | 135.7       | 16.57 | 141.2       | 16.85 | 146.3       | 17.77 |
|        | 25                         | 89.70                        | 14.64 | 116.4       | 17.25 | 140.8       | 19.95 | 143.8       | 20.37 | 146.8       | 20.87 | 151.4       | 21.25 | 155.5       | 22.31 |
|        | 27                         | 104.5                        | 18.27 | 130.4       | 21.77 | 153.5       | 25.16 | 155.9       | 25.74 | 158.2       | 26.63 | 161.7       | 26.99 | 173.8       | 30.15 |
|        | 29                         | 119.9                        | 23.53 | 144.5       | 27.56 | 166.5       | 30.95 | 168.1       | 32.07 | 169.9       | 33.15 | 179.5       | 35.18 | 205.6       | 42.81 |
|        | 31                         | 135.6                        | 29.60 | 159.0       | 33.97 | 179.9       | 37.58 | 181.0       | 39.74 | 191.4       | 43.78 | 212.2       | 50.05 | 237.4       | 60.05 |
|        | 33                         | 151.9                        | 36.85 | 174.1       | 41.92 | 193.6       | 46.14 | 207.6       | 54.58 | 225.2       | 62.34 | 244.9       | 69.86 | 269.1       | 82.77 |
|        | 35                         | 168.3                        | 45.96 | 189.5       | 51.78 | 227.0       | 64.60 | 242.3       | 78.67 | 258.6       | 86.71 | 277.4       | 95.11 | 307.9       | 110.2 |
|        | 37                         | 168.3                        | 49.32 | 189.5       | 54.88 | 227.0       | 69.78 | 242.3       | 80.61 | 259.4       | 89.13 | 285.1       | 100.4 | 317.1       | 116.6 |
|        | 39                         | 168.3                        | 52.97 | 189.5       | 58.31 | 227.0       | 74.68 | 242.4       | 81.84 | 268.6       | 95.12 | 294.9       | 106.3 | 308.8       | 114.0 |
|        | 41                         | 168.3                        | 58.04 | 189.5       | 63.84 | 224.8       | 76.30 | 248.2       | 87.81 | 274.4       | 102.0 | 290.0       | 107.8 | 291.5       | 109.4 |
|        | 43                         | 168.3                        | 63.47 | 188.7       | 66.03 | 230.0       | 82.53 | 254.1       | 95.25 | 268.8       | 103.4 | 273.3       | 103.5 | 274.8       | 105.4 |
|        | 46                         | 165.1                        | 71.06 | 180.0       | 67.50 | 235.4       | 95.96 | 239.5       | 97.96 | 241.5       | 98.15 | 245.7       | 98.34 | 247.5       | 100.3 |
|        | 48                         | 153.7                        | 71.89 | 175.1       | 75.55 | 210.7       | 95.61 | 212.2       | 95.91 | 214.2       | 96.20 | 218.0       | 96.44 | 219.0       | 97.79 |
|        | 50                         | 142.1                        | 72.70 | 168.3       | 84.04 | 184.1       | 93.41 | 185.8       | 93.77 | 187.5       | 93.95 | 190.6       | 94.05 | 191.7       | 95.13 |
|        | 52                         | 136.3                        | 79.05 | 150.1       | 89.10 | 154.8       | 89.79 | 156.3       | 89.82 | 158.2       | 89.71 | 161.3       | 90.05 | 163.8       | 90.93 |
| 110    | 10                         | 48.60                        | 4.72  | 75.40       | 7.11  | 101.1       | 9.06  | 105.4       | 9.31  | 111.4       | 9.38  | 116.1       | 9.34  | 124.8       | 9.52  |
|        | 12                         | 48.60                        | 4.54  | 75.40       | 6.81  | 101.1       | 8.74  | 105.4       | 8.93  | 111.4       | 9.08  | 116.1       | 9.11  | 124.8       | 9.41  |
|        | 14                         | 48.60                        | 4.32  | 75.40       | 6.53  | 101.1       | 8.48  | 105.4       | 8.72  | 111.4       | 8.92  | 116.1       | 8.95  | 124.8       | 9.31  |
|        | 16                         | 48.60                        | 4.10  | 75.40       | 6.26  | 101.1       | 8.27  | 105.4       | 8.54  | 111.4       | 8.80  | 116.1       | 8.86  | 124.8       | 9.30  |
|        | 18                         | 48.60                        | 3.94  | 75.40       | 6.12  | 101.1       | 8.31  | 105.4       | 8.61  | 111.4       | 8.89  | 116.1       | 9.03  | 124.8       | 9.65  |
|        | 20                         | 48.60                        | 3.88  | 75.40       | 6.15  | 101.1       | 8.75  | 105.4       | 9.11  | 111.4       | 9.58  | 116.1       | 9.90  | 124.8       | 11.06 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 54.90                        | 4.59  | 81.10       | 7.31  | 106.7       | 10.99 | 110.6       | 11.67 | 116.5       | 12.50 | 120.5       | 13.00 | 128.9       | 13.76 |
|        | 23                               | 67.80                        | 11.32 | 93.00       | 13.32 | 117.7       | 15.26 | 121.1       | 15.36 | 126.6       | 15.81 | 129.6       | 15.89 | 137.2       | 16.65 |
|        | 25                               | 80.90                        | 13.69 | 105.4       | 15.98 | 129.2       | 18.75 | 131.9       | 18.95 | 137.0       | 19.39 | 138.9       | 19.44 | 145.9       | 20.55 |
|        | 27                               | 94.50                        | 16.81 | 117.9       | 20.01 | 140.8       | 23.27 | 142.9       | 23.48 | 147.6       | 24.00 | 148.3       | 24.01 | 163.0       | 27.26 |
|        | 29                               | 108.6                        | 21.51 | 130.8       | 25.16 | 152.8       | 28.74 | 154.2       | 28.89 | 158.5       | 29.49 | 164.7       | 30.67 | 192.8       | 37.87 |
|        | 31                               | 122.8                        | 27.05 | 144.0       | 30.86 | 165.1       | 34.75 | 165.9       | 34.89 | 178.6       | 38.18 | 194.9       | 42.59 | 222.7       | 51.95 |
|        | 33                               | 137.3                        | 33.42 | 157.6       | 37.79 | 177.6       | 42.07 | 190.3       | 46.05 | 210.1       | 53.18 | 224.7       | 58.45 | 252.2       | 70.12 |
|        | 35                               | 152.3                        | 41.37 | 171.7       | 46.44 | 208.3       | 57.32 | 222.2       | 63.21 | 241.4       | 73.09 | 254.8       | 79.12 | 281.8       | 92.96 |
|        | 37                               | 152.3                        | 43.96 | 171.7       | 49.43 | 208.3       | 60.71 | 222.2       | 68.02 | 241.4       | 78.60 | 254.8       | 84.58 | 283.3       | 99.36 |
|        | 39                               | 152.3                        | 47.25 | 171.7       | 52.63 | 208.3       | 64.89 | 222.2       | 73.29 | 241.4       | 83.02 | 262.3       | 92.87 | 293.1       | 109.2 |
|        | 41                               | 152.3                        | 51.82 | 171.7       | 57.18 | 208.3       | 70.10 | 222.2       | 80.43 | 245.5       | 92.04 | 268.9       | 104.4 | 283.9       | 113.9 |
|        | 43                               | 152.3                        | 56.06 | 171.7       | 61.42 | 205.7       | 75.02 | 227.1       | 85.75 | 251.1       | 98.53 | 266.6       | 106.2 | 267.4       | 107.9 |
|        | 46                               | 149.3                        | 58.96 | 168.5       | 63.30 | 210.0       | 85.77 | 232.1       | 97.77 | 235.4       | 99.41 | 239.6       | 99.67 | 240.2       | 101.1 |
|        | 48                               | 139.1                        | 59.70 | 156.9       | 64.38 | 203.8       | 94.17 | 207.0       | 95.39 | 208.9       | 95.86 | 212.5       | 96.01 | 213.1       | 97.46 |
|        | 50                               | 128.9                        | 60.32 | 151.0       | 70.53 | 179.4       | 91.06 | 181.1       | 91.73 | 182.8       | 91.97 | 185.6       | 91.78 | 186.3       | 93.13 |
|        | 52                               | 118.4                        | 60.14 | 144.6       | 80.22 | 150.0       | 85.52 | 152.0       | 86.73 | 153.3       | 86.41 | 156.1       | 85.97 | 158.7       | 87.30 |
| 100    | 10                               | 42.30                        | 4.23  | 65.30       | 6.55  | 89.90       | 8.56  | 96.00       | 8.86  | 101.4       | 8.99  | 110.5       | 9.49  | 115.9       | 9.61  |
|        | 12                               | 42.30                        | 4.07  | 65.30       | 6.31  | 89.90       | 8.20  | 96.00       | 8.46  | 101.4       | 8.65  | 110.5       | 9.25  | 115.9       | 9.44  |
|        | 14                               | 42.30                        | 3.90  | 65.30       | 6.03  | 89.90       | 7.90  | 96.00       | 8.18  | 101.4       | 8.40  | 110.5       | 9.08  | 115.9       | 9.30  |
|        | 16                               | 42.30                        | 3.70  | 65.30       | 5.72  | 89.90       | 7.67  | 96.00       | 8.02  | 101.4       | 8.27  | 110.5       | 8.97  | 115.9       | 9.28  |
|        | 18                               | 42.30                        | 3.52  | 65.30       | 5.58  | 89.90       | 7.57  | 96.00       | 7.97  | 101.4       | 8.35  | 110.5       | 9.06  | 115.9       | 9.45  |
|        | 20                               | 42.30                        | 3.47  | 65.30       | 5.55  | 89.90       | 7.86  | 96.00       | 8.43  | 101.4       | 8.90  | 110.5       | 9.66  | 115.9       | 10.44 |
|        | 21                               | 47.70                        | 4.06  | 70.60       | 6.42  | 95.00       | 9.64  | 100.7       | 10.48 | 105.9       | 11.27 | 114.8       | 12.26 | 119.6       | 13.53 |
|        | 23                               | 58.90                        | 10.65 | 80.80       | 12.49 | 104.7       | 14.51 | 110.1       | 14.94 | 115.1       | 15.29 | 123.2       | 15.66 | 127.4       | 16.03 |
|        | 25                               | 70.30                        | 12.67 | 91.50       | 14.87 | 114.9       | 17.54 | 120.0       | 18.24 | 124.5       | 18.73 | 132.1       | 18.78 | 135.3       | 19.28 |
|        | 27                               | 82.10                        | 15.45 | 102.4       | 18.22 | 125.3       | 21.76 | 130.0       | 22.53 | 134.2       | 23.07 | 141.2       | 23.11 | 151.3       | 25.13 |
|        | 29                               | 94.00                        | 19.40 | 113.6       | 22.80 | 136.0       | 26.98 | 140.1       | 27.80 | 144.2       | 28.19 | 156.6       | 29.29 | 179.0       | 34.72 |
|        | 31                               | 106.4                        | 24.63 | 125.1       | 27.93 | 146.8       | 32.59 | 150.9       | 33.49 | 162.4       | 35.59 | 185.2       | 39.79 | 206.8       | 46.73 |
|        | 33                               | 119.2                        | 30.10 | 136.9       | 33.95 | 158.1       | 39.46 | 173.1       | 43.96 | 191.1       | 47.81 | 213.9       | 53.56 | 234.4       | 62.21 |
|        | 35                               | 132.2                        | 36.97 | 148.9       | 41.36 | 185.3       | 53.46 | 202.1       | 59.84 | 219.6       | 63.92 | 241.7       | 71.17 | 261.7       | 82.15 |
|        | 37                               | 132.2                        | 39.54 | 148.9       | 44.31 | 185.3       | 56.80 | 202.1       | 63.11 | 219.6       | 68.19 | 239.3       | 75.42 | 258.7       | 87.22 |
|        | 39                               | 132.2                        | 42.33 | 148.9       | 47.48 | 185.3       | 60.31 | 202.1       | 66.52 | 219.6       | 72.76 | 237.1       | 79.07 | 256.9       | 91.58 |
|        | 41                               | 132.2                        | 45.98 | 148.9       | 51.64 | 185.3       | 64.90 | 202.1       | 71.67 | 219.6       | 77.91 | 236.5       | 85.09 | 263.9       | 101.9 |
|        | 43                               | 132.2                        | 50.32 | 148.9       | 56.53 | 185.3       | 69.59 | 202.1       | 76.35 | 219.9       | 85.31 | 241.5       | 95.76 | 258.1       | 108.3 |
|        | 46                               | 129.6                        | 56.43 | 146.3       | 63.08 | 185.2       | 78.23 | 203.8       | 91.25 | 224.9       | 104.5 | 231.0       | 106.2 | 231.6       | 108.3 |
|        | 48                               | 121.0                        | 53.00 | 136.7       | 59.16 | 179.7       | 80.20 | 198.2       | 93.09 | 201.5       | 94.77 | 205.0       | 94.97 | 205.5       | 96.47 |
|        | 50                               | 112.4                        | 49.56 | 128.1       | 55.61 | 171.8       | 80.29 | 175.4       | 82.71 | 175.9       | 82.69 | 179.3       | 82.84 | 179.6       | 83.97 |
|        | 52                               | 103.6                        | 45.45 | 125.0       | 56.51 | 143.3       | 68.77 | 146.4       | 69.12 | 147.5       | 69.07 | 150.7       | 68.89 | 152.8       | 69.64 |
| 90     | 10                               | 37.90                        | 3.81  | 58.90       | 6.04  | 81.00       | 8.09  | 86.30       | 8.46  | 91.30       | 8.69  | 100.1       | 9.28  | 110.2       | 10.00 |
|        | 12                               | 37.90                        | 3.63  | 58.90       | 5.76  | 81.00       | 7.68  | 86.30       | 8.03  | 91.30       | 8.27  | 100.1       | 8.82  | 110.2       | 9.60  |
|        | 14                               | 37.90                        | 3.44  | 58.90       | 5.43  | 81.00       | 7.26  | 86.30       | 7.63  | 91.30       | 7.85  | 100.1       | 8.41  | 110.2       | 9.19  |
|        | 16                               | 37.90                        | 3.28  | 58.90       | 5.10  | 81.00       | 6.92  | 86.30       | 7.26  | 91.30       | 7.54  | 100.1       | 8.10  | 110.2       | 8.89  |
|        | 18                               | 37.90                        | 3.09  | 58.90       | 4.89  | 81.00       | 6.70  | 86.30       | 7.08  | 91.30       | 7.37  | 100.1       | 7.95  | 110.2       | 8.94  |
|        | 20                               | 37.90                        | 3.01  | 58.90       | 4.77  | 81.00       | 6.72  | 86.30       | 7.18  | 91.30       | 7.58  | 100.1       | 8.42  | 110.2       | 9.63  |
|        | 21                               | 42.90                        | 3.48  | 63.50       | 5.41  | 85.40       | 7.95  | 90.60       | 8.63  | 95.20       | 9.28  | 104.0       | 10.27 | 113.7       | 12.54 |
|        | 23                               | 52.90                        | 9.56  | 72.90       | 11.10 | 94.20       | 12.94 | 99.20       | 13.35 | 103.6       | 13.63 | 111.7       | 14.20 | 121.2       | 15.45 |
|        | 25                               | 63.20                        | 11.18 | 82.40       | 13.10 | 103.4       | 15.32 | 107.9       | 15.91 | 112.2       | 16.39 | 119.7       | 17.16 | 128.8       | 18.50 |
|        | 27                               | 73.80                        | 13.50 | 92.20       | 15.75 | 112.8       | 18.82 | 116.8       | 19.48 | 120.8       | 20.01 | 127.9       | 20.73 | 143.9       | 23.63 |
|        | 29                               | 84.60                        | 16.59 | 102.3       | 19.69 | 122.2       | 23.22 | 126.1       | 23.95 | 129.8       | 24.56 | 142.0       | 26.21 | 170.1       | 32.15 |
|        | 31                               | 95.90                        | 21.17 | 112.7       | 24.08 | 132.1       | 27.89 | 135.8       | 28.63 | 146.2       | 30.96 | 167.8       | 34.85 | 196.5       | 42.52 |
|        | 33                               | 107.1                        | 25.86 | 123.2       | 29.02 | 142.1       | 33.53 | 155.8       | 37.14 | 171.8       | 41.60 | 193.8       | 46.01 | 221.8       | 55.50 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 119.0                        | 31.45 | 134.2       | 35.01 | 166.7       | 44.83 | 181.7       | 49.95 | 197.4       | 55.31 | 219.6       | 61.00 | 245.7       | 72.23 |
|        | 37                              | 119.0                        | 33.41 | 134.2       | 37.30 | 166.7       | 47.83 | 181.7       | 53.17 | 197.4       | 58.62 | 219.6       | 64.86 | 243.3       | 76.32 |
|        | 39                              | 119.0                        | 35.51 | 134.2       | 39.74 | 166.7       | 50.81 | 181.7       | 56.64 | 197.4       | 61.94 | 219.6       | 69.25 | 241.3       | 80.45 |
|        | 41                              | 119.0                        | 39.92 | 134.2       | 44.43 | 166.7       | 56.35 | 181.7       | 62.63 | 197.4       | 67.59 | 218.6       | 74.43 | 235.5       | 85.44 |
|        | 43                              | 119.0                        | 43.97 | 134.2       | 48.93 | 166.7       | 62.33 | 181.7       | 68.12 | 197.4       | 72.80 | 214.6       | 79.85 | 237.5       | 94.94 |
|        | 46                              | 116.8                        | 50.80 | 132.0       | 56.91 | 163.7       | 71.36 | 178.4       | 77.27 | 199.3       | 88.86 | 219.3       | 100.2 | 227.7       | 108.3 |
|        | 48                              | 108.8                        | 48.09 | 123.2       | 53.92 | 154.8       | 68.25 | 175.4       | 80.10 | 193.6       | 91.57 | 202.2       | 94.85 | 202.2       | 96.63 |
|        | 50                              | 101.2                        | 45.41 | 114.8       | 50.68 | 151.2       | 69.86 | 171.3       | 81.71 | 173.7       | 84.00 | 177.1       | 82.96 | 176.8       | 84.26 |
|        | 52                              | 93.20                        | 42.67 | 107.4       | 47.63 | 143.0       | 70.42 | 148.2       | 72.92 | 144.8       | 71.54 | 148.3       | 69.09 | 149.9       | 70.16 |
| 80     | 10                              | 33.70                        | 3.50  | 52.40       | 5.52  | 71.90       | 7.61  | 76.60       | 8.06  | 81.30       | 8.36  | 89.00       | 9.14  | 97.90       | 9.87  |
|        | 12                              | 33.70                        | 3.22  | 52.40       | 5.27  | 71.90       | 7.25  | 76.60       | 7.65  | 81.30       | 7.91  | 89.00       | 8.65  | 97.90       | 9.34  |
|        | 14                              | 33.70                        | 3.09  | 52.40       | 4.99  | 71.90       | 6.81  | 76.60       | 7.20  | 81.30       | 7.46  | 89.00       | 8.19  | 97.90       | 8.87  |
|        | 16                              | 33.70                        | 2.94  | 52.40       | 4.70  | 71.90       | 6.43  | 76.60       | 6.82  | 81.30       | 7.12  | 89.00       | 7.84  | 97.90       | 8.51  |
|        | 18                              | 33.70                        | 2.81  | 52.40       | 4.46  | 71.90       | 6.19  | 76.60       | 6.59  | 81.30       | 6.89  | 89.00       | 7.58  | 97.90       | 8.34  |
|        | 20                              | 33.70                        | 2.71  | 52.40       | 4.37  | 71.90       | 6.16  | 76.60       | 6.58  | 81.30       | 6.93  | 89.00       | 7.74  | 97.90       | 8.84  |
|        | 21                              | 38.20                        | 3.11  | 56.30       | 4.85  | 75.80       | 7.05  | 80.50       | 7.59  | 85.00       | 8.13  | 92.50       | 9.19  | 101.1       | 11.01 |
|        | 23                              | 47.70                        | 9.27  | 64.70       | 10.62 | 83.60       | 12.28 | 88.10       | 12.75 | 92.20       | 13.02 | 99.30       | 13.88 | 107.6       | 14.89 |
|        | 25                              | 56.20                        | 10.61 | 73.10       | 12.36 | 91.80       | 14.45 | 96.00       | 14.90 | 99.80       | 15.28 | 106.6       | 16.34 | 114.5       | 17.53 |
|        | 27                              | 65.50                        | 12.65 | 81.80       | 14.69 | 100.1       | 17.36 | 103.9       | 17.98 | 107.6       | 18.50 | 113.7       | 19.58 | 127.8       | 21.94 |
|        | 29                              | 75.10                        | 15.35 | 90.90       | 18.01 | 108.6       | 21.25 | 112.2       | 21.92 | 115.6       | 22.49 | 126.3       | 24.75 | 151.3       | 29.49 |
|        | 31                              | 85.00                        | 19.34 | 100.0       | 22.19 | 117.2       | 25.56 | 120.6       | 26.23 | 130.1       | 28.19 | 149.3       | 32.71 | 174.6       | 38.32 |
|        | 33                              | 95.10                        | 23.77 | 109.5       | 26.61 | 126.2       | 30.44 | 138.6       | 33.58 | 153.0       | 37.44 | 172.4       | 42.76 | 198.0       | 49.49 |
|        | 35                              | 105.5                        | 28.73 | 119.2       | 31.83 | 148.0       | 40.19 | 161.6       | 44.52 | 176.0       | 49.37 | 195.4       | 55.64 | 221.3       | 64.23 |
|        | 37                              | 105.5                        | 30.46 | 119.2       | 33.87 | 148.0       | 42.77 | 161.6       | 47.46 | 176.0       | 52.57 | 195.4       | 58.97 | 221.3       | 68.37 |
|        | 39                              | 105.5                        | 32.29 | 119.2       | 35.95 | 148.0       | 45.73 | 161.6       | 50.89 | 176.0       | 56.32 | 195.4       | 62.52 | 221.3       | 73.11 |
|        | 41                              | 105.5                        | 36.07 | 119.2       | 40.21 | 148.0       | 50.80 | 161.6       | 56.47 | 176.0       | 62.55 | 195.4       | 68.50 | 220.9       | 79.97 |
|        | 43                              | 105.5                        | 40.22 | 119.2       | 44.58 | 148.0       | 56.25 | 161.6       | 62.42 | 176.0       | 69.01 | 195.4       | 74.09 | 215.5       | 84.92 |
|        | 46                              | 103.7                        | 46.14 | 117.0       | 51.55 | 145.4       | 64.70 | 158.6       | 70.80 | 172.6       | 78.31 | 191.6       | 85.11 | 212.6       | 99.96 |
|        | 48                              | 96.70                        | 43.67 | 109.4       | 48.84 | 136.2       | 61.09 | 148.6       | 66.73 | 166.3       | 77.82 | 186.3       | 86.64 | 199.2       | 96.78 |
|        | 50                              | 89.90                        | 41.16 | 101.8       | 46.08 | 127.0       | 57.17 | 143.1       | 66.20 | 162.2       | 79.42 | 174.4       | 83.07 | 174.2       | 84.39 |
|        | 52                              | 82.90                        | 38.67 | 94.00       | 42.74 | 123.6       | 58.49 | 138.7       | 68.45 | 144.2       | 73.63 | 145.3       | 69.47 | 147.1       | 70.45 |
| 70     | 10                              | 29.40                        | 3.21  | 45.80       | 4.69  | 62.90       | 6.63  | 67.10       | 7.12  | 71.00       | 7.49  | 77.80       | 8.26  | 85.50       | 9.20  |
|        | 12                              | 29.40                        | 2.70  | 45.80       | 4.47  | 62.90       | 6.37  | 67.10       | 6.78  | 71.00       | 7.11  | 77.80       | 7.85  | 85.50       | 8.72  |
|        | 14                              | 29.40                        | 2.60  | 45.80       | 4.25  | 62.90       | 6.00  | 67.10       | 6.36  | 71.00       | 6.69  | 77.80       | 7.39  | 85.50       | 8.22  |
|        | 16                              | 29.40                        | 2.51  | 45.80       | 4.05  | 62.90       | 5.64  | 67.10       | 6.02  | 71.00       | 6.32  | 77.80       | 6.98  | 85.50       | 7.82  |
|        | 18                              | 29.40                        | 2.40  | 45.80       | 3.85  | 62.90       | 5.42  | 67.10       | 5.79  | 71.00       | 6.09  | 77.80       | 6.73  | 85.50       | 7.60  |
|        | 20                              | 29.40                        | 2.30  | 45.80       | 3.74  | 62.90       | 5.32  | 67.10       | 5.73  | 71.00       | 6.06  | 77.80       | 6.74  | 85.50       | 7.79  |
|        | 21                              | 33.40                        | 2.61  | 49.30       | 4.11  | 66.20       | 5.94  | 70.30       | 6.42  | 74.20       | 6.84  | 80.90       | 7.66  | 88.50       | 9.24  |
|        | 23                              | 41.30                        | 7.83  | 56.60       | 9.88  | 73.30       | 11.22 | 77.00       | 11.64 | 80.70       | 11.94 | 87.00       | 12.86 | 94.10       | 14.03 |
|        | 25                              | 49.10                        | 9.62  | 64.20       | 11.19 | 80.30       | 13.03 | 83.90       | 13.51 | 87.40       | 13.80 | 93.10       | 14.84 | 100.0       | 15.94 |
|        | 27                              | 57.30                        | 11.28 | 71.80       | 13.18 | 87.50       | 15.34 | 91.00       | 15.83 | 94.00       | 16.41 | 99.40       | 17.61 | 111.9       | 19.83 |
|        | 29                              | 65.90                        | 13.59 | 79.60       | 15.75 | 95.00       | 18.66 | 98.20       | 19.28 | 101.2       | 19.78 | 110.5       | 21.94 | 132.3       | 26.64 |
|        | 31                              | 74.40                        | 16.79 | 87.70       | 19.61 | 102.6       | 22.52 | 105.4       | 23.11 | 113.8       | 24.74 | 130.6       | 28.84 | 152.8       | 34.37 |
|        | 33                              | 83.30                        | 20.81 | 95.90       | 23.33 | 110.4       | 26.58 | 121.2       | 29.08 | 133.9       | 32.24 | 150.7       | 37.33 | 173.2       | 44.24 |
|        | 35                              | 92.50                        | 25.13 | 104.4       | 27.83 | 129.4       | 34.50 | 141.3       | 37.97 | 153.8       | 41.88 | 170.8       | 48.15 | 193.6       | 56.52 |
|        | 37                              | 92.50                        | 26.69 | 104.4       | 29.51 | 129.4       | 36.69 | 141.3       | 40.47 | 153.8       | 44.66 | 170.8       | 51.34 | 193.6       | 59.91 |
|        | 39                              | 92.50                        | 28.35 | 104.4       | 31.47 | 129.4       | 39.24 | 141.3       | 43.43 | 153.8       | 48.02 | 170.8       | 54.90 | 193.6       | 64.33 |
|        | 41                              | 92.50                        | 31.64 | 104.4       | 34.94 | 129.4       | 43.58 | 141.3       | 48.23 | 153.8       | 53.02 | 170.8       | 61.06 | 193.6       | 70.72 |
|        | 43                              | 92.50                        | 35.01 | 104.4       | 38.69 | 129.4       | 48.27 | 141.3       | 53.38 | 153.8       | 58.69 | 170.8       | 67.65 | 193.6       | 77.83 |
|        | 46                              | 90.70                        | 40.13 | 102.6       | 44.65 | 127.2       | 55.74 | 138.9       | 61.13 | 151.2       | 67.40 | 167.6       | 77.45 | 190.0       | 88.06 |
|        | 48                              | 84.70                        | 38.05 | 96.00       | 42.36 | 119.0       | 52.87 | 130.1       | 57.95 | 141.6       | 63.70 | 156.8       | 72.81 | 179.7       | 84.07 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 78.70                        | 35.97 | 89.20       | 40.06 | 111.0       | 49.96 | 121.3       | 54.38 | 132.9       | 60.18 | 151.5       | 72.66 | 175.1       | 84.98 |
|        | 52                              | 72.70                        | 33.86 | 82.40       | 37.72 | 102.8       | 46.25 | 115.1       | 52.38 | 129.6       | 62.41 | 142.6       | 72.57 | 150.2       | 73.44 |
| 60     | 10                              | 25.30                        | 2.90  | 39.10       | 4.11  | 54.00       | 5.57  | 57.40       | 6.04  | 60.90       | 6.41  | 66.90       | 7.16  | 73.40       | 8.07  |
|        | 12                              | 25.30                        | 2.23  | 39.10       | 3.63  | 54.00       | 5.31  | 57.40       | 5.76  | 60.90       | 6.13  | 66.90       | 6.82  | 73.40       | 7.67  |
|        | 14                              | 25.30                        | 2.15  | 39.10       | 3.50  | 54.00       | 5.06  | 57.40       | 5.44  | 60.90       | 5.77  | 66.90       | 6.43  | 73.40       | 7.22  |
|        | 16                              | 25.30                        | 2.09  | 39.10       | 3.36  | 54.00       | 4.79  | 57.40       | 5.14  | 60.90       | 5.46  | 66.90       | 6.05  | 73.40       | 6.80  |
|        | 18                              | 25.30                        | 2.03  | 39.10       | 3.23  | 54.00       | 4.56  | 57.40       | 4.91  | 60.90       | 5.22  | 66.90       | 5.80  | 73.40       | 6.56  |
|        | 20                              | 25.30                        | 1.94  | 39.10       | 3.11  | 54.00       | 4.45  | 57.40       | 4.83  | 60.90       | 5.12  | 66.90       | 5.72  | 73.40       | 6.56  |
|        | 21                              | 28.40                        | 2.17  | 42.20       | 3.37  | 56.90       | 4.91  | 60.20       | 5.29  | 63.70       | 5.65  | 69.40       | 6.31  | 75.90       | 7.45  |
|        | 23                              | 35.20                        | 5.37  | 48.50       | 8.07  | 62.90       | 10.21 | 66.00       | 10.57 | 69.20       | 10.81 | 74.50       | 11.61 | 80.80       | 12.85 |
|        | 25                              | 43.50                        | 8.91  | 54.90       | 10.00 | 69.00       | 11.54 | 71.90       | 11.97 | 74.90       | 12.31 | 79.90       | 13.24 | 85.90       | 14.60 |
|        | 27                              | 49.20                        | 10.01 | 61.40       | 11.55 | 75.10       | 13.42 | 77.80       | 13.90 | 80.70       | 14.26 | 85.20       | 15.26 | 95.90       | 17.63 |
|        | 29                              | 56.40                        | 11.88 | 68.10       | 13.67 | 81.50       | 15.97 | 84.20       | 16.58 | 86.60       | 17.14 | 94.70       | 18.96 | 113.4       | 23.39 |
|        | 31                              | 63.80                        | 14.39 | 75.10       | 16.69 | 88.00       | 19.55 | 90.30       | 20.08 | 97.70       | 21.42 | 112.0       | 24.71 | 130.9       | 29.99 |
|        | 33                              | 71.40                        | 17.78 | 82.10       | 20.15 | 94.80       | 22.92 | 103.9       | 24.98 | 114.7       | 27.48 | 129.2       | 31.43 | 148.4       | 38.03 |
|        | 35                              | 79.30                        | 21.55 | 89.40       | 23.91 | 111.1       | 29.29 | 121.1       | 32.00 | 131.9       | 35.02 | 146.4       | 39.93 | 165.9       | 48.02 |
|        | 37                              | 79.30                        | 22.79 | 89.40       | 25.29 | 111.1       | 31.09 | 121.1       | 34.07 | 131.9       | 37.26 | 146.4       | 42.48 | 165.9       | 51.15 |
|        | 39                              | 79.30                        | 24.25 | 89.40       | 26.93 | 111.1       | 33.41 | 121.1       | 36.47 | 131.9       | 39.98 | 146.4       | 45.52 | 165.9       | 54.77 |
|        | 41                              | 79.30                        | 26.72 | 89.40       | 29.83 | 111.1       | 36.84 | 121.1       | 40.42 | 131.9       | 44.12 | 146.4       | 50.61 | 165.9       | 60.58 |
|        | 43                              | 79.30                        | 29.52 | 89.40       | 33.00 | 111.1       | 40.79 | 121.1       | 44.72 | 131.9       | 48.81 | 146.4       | 56.10 | 165.9       | 67.22 |
|        | 46                              | 77.90                        | 34.06 | 87.80       | 38.09 | 109.1       | 47.07 | 118.9       | 51.57 | 129.5       | 56.29 | 143.8       | 64.78 | 162.9       | 78.28 |
|        | 48                              | 72.50                        | 32.36 | 82.00       | 36.20 | 102.1       | 44.75 | 111.3       | 48.95 | 121.3       | 53.43 | 134.4       | 61.24 | 152.1       | 73.48 |
|        | 50                              | 67.50                        | 30.65 | 76.20       | 34.33 | 95.30       | 42.36 | 103.9       | 46.32 | 113.1       | 50.57 | 125.2       | 57.38 | 141.3       | 68.53 |
|        | 52                              | 62.30                        | 28.92 | 70.60       | 32.46 | 88.10       | 39.99 | 96.30       | 43.08 | 105.1       | 46.87 | 117.8       | 54.49 | 135.7       | 68.18 |
| 50     | 10                              | 21.10                        | 2.87  | 32.70       | 3.64  | 45.00       | 4.67  | 47.90       | 4.83  | 50.80       | 5.18  | 55.70       | 5.83  | 61.20       | 6.60  |
|        | 12                              | 21.10                        | 2.07  | 32.70       | 2.85  | 45.00       | 4.17  | 47.90       | 4.60  | 50.80       | 4.97  | 55.70       | 5.59  | 61.20       | 6.32  |
|        | 14                              | 21.10                        | 1.90  | 32.70       | 2.76  | 45.00       | 4.01  | 47.90       | 4.39  | 50.80       | 4.70  | 55.70       | 5.27  | 61.20       | 5.97  |
|        | 16                              | 21.10                        | 1.86  | 32.70       | 2.68  | 45.00       | 3.86  | 47.90       | 4.18  | 50.80       | 4.46  | 55.70       | 5.01  | 61.20       | 5.65  |
|        | 18                              | 21.10                        | 1.79  | 32.70       | 2.57  | 45.00       | 3.69  | 47.90       | 4.00  | 50.80       | 4.26  | 55.70       | 4.77  | 61.20       | 5.39  |
|        | 20                              | 21.10                        | 1.73  | 32.70       | 2.49  | 45.00       | 3.57  | 47.90       | 3.88  | 50.80       | 4.17  | 55.70       | 4.67  | 61.20       | 5.33  |
|        | 21                              | 23.90                        | 1.80  | 35.20       | 2.68  | 47.50       | 3.86  | 50.20       | 4.18  | 53.00       | 4.48  | 57.80       | 5.02  | 63.20       | 5.84  |
|        | 23                              | 29.30                        | 3.64  | 40.50       | 5.30  | 52.20       | 9.13  | 55.10       | 9.46  | 57.60       | 9.71  | 62.00       | 10.36 | 67.30       | 11.28 |
|        | 25                              | 41.30                        | 8.68  | 46.10       | 8.92  | 57.50       | 10.10 | 59.90       | 10.42 | 62.30       | 10.74 | 66.50       | 11.52 | 71.50       | 12.72 |
|        | 27                              | 41.90                        | 9.03  | 51.30       | 10.01 | 62.60       | 11.57 | 64.90       | 11.98 | 67.10       | 12.33 | 71.10       | 13.20 | 80.00       | 15.03 |
|        | 29                              | 47.00                        | 10.38 | 56.90       | 11.73 | 67.90       | 13.50 | 70.20       | 13.95 | 72.10       | 14.35 | 78.90       | 15.87 | 94.50       | 19.31 |
|        | 31                              | 53.20                        | 12.29 | 62.70       | 13.92 | 73.30       | 16.26 | 75.30       | 16.85 | 81.10       | 18.13 | 93.30       | 20.86 | 109.2       | 24.92 |
|        | 33                              | 59.50                        | 15.02 | 68.60       | 16.92 | 79.00       | 19.37 | 86.60       | 21.03 | 95.50       | 23.03 | 107.5       | 26.08 | 123.7       | 31.04 |
|        | 35                              | 66.10                        | 18.26 | 74.60       | 19.99 | 92.60       | 24.43 | 101.0       | 26.58 | 109.9       | 28.81 | 121.9       | 32.43 | 138.4       | 38.54 |
|        | 37                              | 66.10                        | 19.35 | 74.60       | 21.19 | 92.60       | 25.88 | 101.0       | 28.19 | 109.9       | 30.58 | 121.9       | 34.59 | 138.4       | 41.00 |
|        | 39                              | 66.10                        | 20.53 | 74.60       | 22.59 | 92.60       | 27.68 | 101.0       | 30.23 | 109.9       | 32.75 | 121.9       | 36.91 | 138.4       | 44.09 |
|        | 41                              | 66.10                        | 22.48 | 74.60       | 24.82 | 92.60       | 30.66 | 101.0       | 33.28 | 109.9       | 36.06 | 121.9       | 40.97 | 138.4       | 48.76 |
|        | 43                              | 66.10                        | 24.71 | 74.60       | 27.37 | 92.60       | 33.88 | 101.0       | 36.79 | 109.9       | 39.88 | 121.9       | 45.40 | 138.4       | 54.06 |
|        | 46                              | 64.90                        | 28.27 | 73.40       | 31.57 | 91.00       | 39.04 | 99.20       | 42.40 | 107.7       | 45.92 | 119.7       | 52.41 | 135.8       | 62.49 |
|        | 48                              | 60.50                        | 26.80 | 68.40       | 30.06 | 85.20       | 37.15 | 93.00       | 40.35 | 100.9       | 43.68 | 111.9       | 49.68 | 126.8       | 58.98 |
|        | 50                              | 56.10                        | 25.40 | 63.60       | 28.58 | 79.40       | 35.27 | 86.60       | 38.26 | 94.10       | 41.43 | 104.1       | 46.92 | 117.8       | 55.42 |
|        | 52                              | 51.90                        | 24.01 | 59.00       | 27.13 | 73.60       | 33.38 | 80.40       | 36.21 | 87.30       | 39.19 | 96.50       | 43.61 | 109.0       | 51.17 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM880LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 60.00                        | 5.80  | 93.00       | 8.32  | 122.4       | 10.04 | 127.6       | 9.84  | 132.4       | 9.70  | 140.0       | 9.82  | 147.2       | 10.18 |
|        | 12                               | 60.00                        | 5.54  | 93.00       | 7.98  | 122.4       | 9.76  | 127.6       | 9.56  | 132.4       | 9.52  | 140.0       | 9.66  | 147.2       | 10.14 |
|        | 14                               | 60.00                        | 5.24  | 93.00       | 7.68  | 122.4       | 9.52  | 127.6       | 9.40  | 132.4       | 9.34  | 140.0       | 9.62  | 147.2       | 10.20 |
|        | 16                               | 60.00                        | 5.04  | 93.00       | 7.44  | 122.4       | 9.48  | 127.6       | 9.38  | 132.4       | 9.46  | 140.0       | 9.80  | 147.2       | 10.54 |
|        | 18                               | 60.00                        | 4.90  | 93.00       | 7.38  | 122.4       | 9.56  | 127.6       | 9.70  | 132.4       | 9.92  | 140.0       | 10.42 | 147.2       | 11.56 |
|        | 20                               | 60.00                        | 4.86  | 93.00       | 7.64  | 122.4       | 10.40 | 127.6       | 11.02 | 132.4       | 11.66 | 140.0       | 12.76 | 147.2       | 14.60 |
|        | 21                               | 68.00                        | 5.92  | 100.4       | 9.44  | 128.8       | 13.74 | 133.8       | 14.50 | 138.4       | 14.76 | 145.2       | 15.48 | 152.0       | 16.48 |
|        | 23                               | 83.80                        | 12.88 | 115.2       | 15.00 | 142.2       | 17.02 | 146.6       | 18.58 | 150.4       | 19.22 | 156.2       | 19.88 | 162.0       | 21.08 |
|        | 25                               | 100.4                        | 15.90 | 130.4       | 18.66 | 156.2       | 21.60 | 159.6       | 24.40 | 162.8       | 25.14 | 167.2       | 25.80 | 172.0       | 27.24 |
|        | 27                               | 117.0                        | 20.30 | 146.0       | 23.76 | 170.2       | 27.94 | 173.0       | 32.42 | 175.4       | 32.84 | 178.6       | 33.32 | 192.2       | 37.38 |
|        | 29                               | 134.2                        | 26.18 | 161.8       | 30.22 | 184.6       | 35.50 | 186.6       | 41.20 | 188.2       | 41.54 | 198.4       | 44.02 | 228.4       | 54.60 |
|        | 31                               | 151.8                        | 33.06 | 178.4       | 37.34 | 199.6       | 44.38 | 200.6       | 49.26 | 212.0       | 53.06 | 233.8       | 60.48 | 265.0       | 74.44 |
|        | 33                               | 170.0                        | 41.58 | 195.0       | 46.76 | 214.8       | 55.58 | 230.2       | 64.58 | 249.2       | 72.72 | 269.8       | 81.56 | 303.6       | 99.24 |
|        | 35                               | 188.4                        | 52.40 | 212.4       | 58.06 | 251.8       | 79.84 | 268.2       | 87.88 | 286.8       | 97.90 | 313.8       | 109.0 | 349.0       | 124.5 |
|        | 37                               | 188.4                        | 55.92 | 212.4       | 61.84 | 250.8       | 81.96 | 266.6       | 89.88 | 295.2       | 103.9 | 323.0       | 115.4 | 336.4       | 121.4 |
|        | 39                               | 188.4                        | 59.62 | 212.4       | 66.06 | 249.2       | 82.22 | 275.6       | 95.10 | 304.6       | 109.5 | 321.0       | 115.3 | 322.8       | 116.4 |
|        | 41                               | 188.4                        | 64.88 | 208.8       | 69.92 | 254.4       | 87.82 | 280.8       | 102.0 | 298.4       | 109.9 | 303.4       | 110.5 | 304.4       | 111.8 |
|        | 43                               | 188.4                        | 70.30 | 203.6       | 69.72 | 260.2       | 95.80 | 278.2       | 105.7 | 281.6       | 106.1 | 286.4       | 106.6 | 287.8       | 108.5 |
|        | 46                               | 184.6                        | 77.50 | 203.6       | 78.30 | 248.0       | 101.1 | 250.0       | 101.3 | 253.6       | 101.8 | 257.8       | 102.2 | 259.2       | 103.9 |
|        | 48                               | 172.0                        | 77.98 | 198.0       | 87.76 | 220.2       | 98.92 | 222.6       | 99.32 | 225.0       | 99.68 | 228.8       | 99.98 | 229.8       | 101.5 |
|        | 50                               | 163.4                        | 81.86 | 189.2       | 96.60 | 192.6       | 96.34 | 194.8       | 96.58 | 196.8       | 97.10 | 200.6       | 97.40 | 200.8       | 98.60 |
|        | 52                               | 157.8                        | 93.54 | 156.2       | 92.30 | 162.2       | 90.82 | 164.2       | 90.44 | 166.8       | 91.06 | 170.4       | 90.92 | 172.8       | 92.12 |
| 120    | 10                               | 54.80                        | 5.32  | 85.00       | 7.84  | 112.8       | 9.80  | 117.8       | 10.00 | 122.2       | 9.70  | 129.6       | 9.66  | 136.4       | 9.98  |
|        | 12                               | 54.80                        | 5.10  | 85.00       | 7.50  | 112.8       | 9.48  | 117.8       | 9.60  | 122.2       | 9.46  | 129.6       | 9.54  | 136.4       | 9.92  |
|        | 14                               | 54.80                        | 4.86  | 85.00       | 7.22  | 112.8       | 9.24  | 117.8       | 9.38  | 122.2       | 9.30  | 129.6       | 9.42  | 136.4       | 9.86  |
|        | 16                               | 54.80                        | 4.62  | 85.00       | 6.96  | 112.8       | 9.08  | 117.8       | 9.26  | 122.2       | 9.24  | 129.6       | 9.40  | 136.4       | 10.04 |
|        | 18                               | 54.80                        | 4.48  | 85.00       | 6.86  | 112.8       | 9.12  | 117.8       | 9.38  | 122.2       | 9.48  | 129.6       | 9.80  | 136.4       | 10.64 |
|        | 20                               | 54.80                        | 4.42  | 85.00       | 7.00  | 112.8       | 9.72  | 117.8       | 10.20 | 122.2       | 10.48 | 129.6       | 11.20 | 136.4       | 12.86 |
|        | 21                               | 61.80                        | 5.34  | 91.40       | 8.50  | 119.0       | 12.68 | 123.6       | 13.48 | 127.8       | 13.68 | 134.4       | 14.04 | 140.8       | 15.02 |
|        | 23                               | 76.60                        | 12.26 | 105.0       | 14.38 | 131.2       | 16.48 | 135.2       | 16.70 | 139.0       | 17.02 | 144.6       | 17.44 | 149.8       | 18.50 |
|        | 25                               | 91.60                        | 14.96 | 118.8       | 17.74 | 144.0       | 20.46 | 147.2       | 20.92 | 150.4       | 21.52 | 155.0       | 22.08 | 159.2       | 23.20 |
|        | 27                               | 106.6                        | 18.76 | 133.2       | 22.32 | 157.0       | 25.96 | 159.6       | 26.58 | 162.0       | 27.64 | 165.6       | 28.08 | 178.0       | 31.24 |
|        | 29                               | 122.4                        | 24.10 | 147.6       | 28.30 | 170.4       | 31.96 | 172.0       | 33.14 | 174.0       | 34.28 | 183.8       | 36.44 | 210.6       | 44.48 |
|        | 31                               | 138.4                        | 30.34 | 162.4       | 34.94 | 184.0       | 38.88 | 185.2       | 41.10 | 196.0       | 45.34 | 217.2       | 51.94 | 243.2       | 62.48 |
|        | 33                               | 155.0                        | 37.84 | 177.8       | 43.18 | 198.0       | 47.80 | 212.4       | 56.52 | 230.6       | 64.68 | 250.8       | 72.62 | 275.6       | 86.26 |
|        | 35                               | 171.8                        | 47.28 | 193.6       | 53.40 | 232.2       | 67.04 | 248.0       | 81.54 | 264.8       | 90.12 | 284.0       | 99.10 | 315.2       | 114.5 |
|        | 37                               | 171.8                        | 50.74 | 193.6       | 56.62 | 232.2       | 72.38 | 248.0       | 83.68 | 265.6       | 92.54 | 291.8       | 104.4 | 324.4       | 120.6 |
|        | 39                               | 171.8                        | 54.48 | 193.6       | 60.16 | 232.2       | 76.88 | 248.0       | 84.10 | 274.8       | 97.90 | 301.6       | 109.6 | 314.8       | 116.9 |
|        | 41                               | 171.8                        | 59.66 | 193.6       | 65.82 | 230.0       | 77.94 | 253.8       | 89.82 | 280.6       | 104.5 | 295.8       | 110.3 | 297.2       | 111.9 |
|        | 43                               | 171.8                        | 65.20 | 192.8       | 67.66 | 235.2       | 84.36 | 259.8       | 97.50 | 274.6       | 105.8 | 279.0       | 105.9 | 280.4       | 107.9 |
|        | 46                               | 168.6                        | 72.98 | 184.0       | 68.92 | 240.6       | 98.28 | 244.8       | 100.4 | 246.8       | 100.5 | 251.0       | 100.8 | 252.8       | 102.7 |
|        | 48                               | 157.2                        | 73.74 | 179.2       | 77.34 | 215.8       | 98.18 | 217.2       | 98.46 | 219.2       | 98.76 | 223.0       | 99.00 | 224.0       | 100.4 |
|        | 50                               | 145.6                        | 74.40 | 172.4       | 86.20 | 188.8       | 96.04 | 190.6       | 96.42 | 192.0       | 96.48 | 195.2       | 96.66 | 196.4       | 97.84 |
|        | 52                               | 139.8                        | 81.52 | 152.6       | 91.44 | 158.0       | 91.36 | 159.6       | 91.24 | 161.6       | 90.98 | 164.8       | 91.20 | 167.8       | 92.04 |
| 110    | 10                               | 49.60                        | 4.82  | 77.00       | 7.28  | 103.4       | 9.30  | 107.8       | 9.58  | 114.0       | 9.66  | 118.8       | 9.64  | 127.8       | 9.84  |
|        | 12                               | 49.60                        | 4.64  | 77.00       | 6.98  | 103.4       | 8.98  | 107.8       | 9.20  | 114.0       | 9.36  | 118.8       | 9.42  | 127.8       | 9.74  |
|        | 14                               | 49.60                        | 4.42  | 77.00       | 6.70  | 103.4       | 8.76  | 107.8       | 8.98  | 114.0       | 9.20  | 118.8       | 9.26  | 127.8       | 9.64  |
|        | 16                               | 49.60                        | 4.20  | 77.00       | 6.46  | 103.4       | 8.56  | 107.8       | 8.84  | 114.0       | 9.12  | 118.8       | 9.18  | 127.8       | 9.64  |
|        | 18                               | 49.60                        | 4.06  | 77.00       | 6.32  | 103.4       | 8.62  | 107.8       | 8.94  | 114.0       | 9.22  | 118.8       | 9.38  | 127.8       | 10.02 |
|        | 20                               | 49.60                        | 4.00  | 77.00       | 6.36  | 103.4       | 9.08  | 107.8       | 9.46  | 114.0       | 9.96  | 118.8       | 10.30 | 127.8       | 11.50 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 56.00                        | 4.74  | 82.80       | 7.58  | 109.2       | 11.42 | 113.2       | 12.16 | 119.2       | 13.00 | 123.4       | 13.44 | 132.0       | 14.12 |
|        | 23                              | 69.20                        | 11.52 | 95.00       | 13.62 | 120.4       | 15.66 | 124.0       | 15.78 | 129.6       | 16.20 | 132.6       | 16.30 | 140.4       | 17.12 |
|        | 25                              | 82.60                        | 13.98 | 107.6       | 16.38 | 132.2       | 19.20 | 135.0       | 19.44 | 140.2       | 19.94 | 142.2       | 20.02 | 149.4       | 21.24 |
|        | 27                              | 96.40                        | 17.24 | 120.4       | 20.50 | 144.0       | 23.96 | 146.2       | 24.16 | 151.0       | 24.72 | 151.8       | 24.80 | 166.8       | 28.34 |
|        | 29                              | 110.8                        | 22.10 | 133.6       | 25.82 | 156.2       | 29.62 | 157.8       | 29.82 | 162.2       | 30.48 | 168.6       | 31.76 | 197.4       | 39.38 |
|        | 31                              | 125.4                        | 27.72 | 147.0       | 31.70 | 168.8       | 35.88 | 169.8       | 36.08 | 182.8       | 39.54 | 199.6       | 44.22 | 228.0       | 54.04 |
|        | 33                              | 140.2                        | 34.30 | 161.0       | 38.88 | 181.6       | 43.50 | 194.8       | 47.72 | 215.0       | 55.18 | 230.0       | 60.80 | 258.2       | 73.06 |
|        | 35                              | 155.4                        | 42.52 | 175.4       | 47.86 | 213.0       | 59.42 | 227.4       | 65.66 | 247.0       | 75.98 | 260.8       | 82.46 | 288.4       | 97.14 |
|        | 37                              | 155.4                        | 45.20 | 175.4       | 50.94 | 213.0       | 62.96 | 227.4       | 70.64 | 247.0       | 81.70 | 260.8       | 88.18 | 290.0       | 103.6 |
|        | 39                              | 155.4                        | 48.58 | 175.4       | 54.26 | 213.0       | 67.30 | 227.4       | 75.64 | 247.0       | 85.34 | 268.4       | 95.58 | 299.8       | 112.6 |
|        | 41                              | 155.4                        | 53.24 | 175.4       | 58.92 | 213.0       | 71.98 | 227.4       | 82.00 | 251.2       | 94.08 | 275.0       | 106.9 | 289.6       | 116.4 |
|        | 43                              | 155.4                        | 57.58 | 175.4       | 63.28 | 210.4       | 76.54 | 232.2       | 87.58 | 256.8       | 100.8 | 272.2       | 108.5 | 273.0       | 110.3 |
|        | 46                              | 152.4                        | 60.64 | 172.2       | 64.62 | 214.6       | 87.70 | 237.2       | 100.1 | 240.8       | 101.8 | 244.8       | 102.1 | 245.4       | 103.6 |
|        | 48                              | 142.2                        | 61.50 | 160.6       | 65.92 | 208.8       | 96.66 | 212.0       | 97.92 | 214.0       | 98.42 | 217.4       | 98.56 | 218.0       | 100.1 |
|        | 50                              | 132.0                        | 62.10 | 154.6       | 72.40 | 184.2       | 93.74 | 185.8       | 94.40 | 187.6       | 94.64 | 190.4       | 94.40 | 191.0       | 95.82 |
| 100    | 52                              | 121.6                        | 61.74 | 148.2       | 83.32 | 152.8       | 87.46 | 155.0       | 88.52 | 156.4       | 88.06 | 159.0       | 87.48 | 162.6       | 88.68 |
|        | 10                              | 43.20                        | 4.32  | 66.80       | 6.70  | 92.00       | 8.78  | 98.20       | 9.10  | 103.8       | 9.24  | 113.0       | 9.76  | 118.6       | 9.90  |
|        | 12                              | 43.20                        | 4.18  | 66.80       | 6.46  | 92.00       | 8.42  | 98.20       | 8.70  | 103.8       | 8.90  | 113.0       | 9.52  | 118.6       | 9.74  |
|        | 14                              | 43.20                        | 4.00  | 66.80       | 6.18  | 92.00       | 8.16  | 98.20       | 8.44  | 103.8       | 8.66  | 113.0       | 9.36  | 118.6       | 9.60  |
|        | 16                              | 43.20                        | 3.78  | 66.80       | 5.90  | 92.00       | 7.94  | 98.20       | 8.30  | 103.8       | 8.56  | 113.0       | 9.26  | 118.6       | 9.60  |
|        | 18                              | 43.20                        | 3.62  | 66.80       | 5.76  | 92.00       | 7.84  | 98.20       | 8.26  | 103.8       | 8.66  | 113.0       | 9.38  | 118.6       | 9.80  |
|        | 20                              | 43.20                        | 3.58  | 66.80       | 5.74  | 92.00       | 8.16  | 98.20       | 8.74  | 103.8       | 9.24  | 113.0       | 10.02 | 118.6       | 10.86 |
|        | 21                              | 48.80                        | 4.20  | 72.20       | 6.66  | 97.20       | 10.02 | 103.0       | 10.90 | 108.4       | 11.72 | 117.4       | 12.74 | 122.4       | 13.86 |
|        | 23                              | 60.20                        | 10.84 | 82.60       | 12.76 | 107.2       | 14.88 | 112.6       | 15.32 | 117.8       | 15.68 | 126.0       | 16.04 | 130.4       | 16.44 |
|        | 25                              | 71.80                        | 12.94 | 93.60       | 15.22 | 117.6       | 18.06 | 122.8       | 18.74 | 127.4       | 19.18 | 135.2       | 19.24 | 138.4       | 19.82 |
|        | 27                              | 83.80                        | 15.82 | 104.8       | 18.74 | 128.2       | 22.34 | 133.0       | 23.16 | 137.4       | 23.74 | 144.4       | 23.82 | 154.8       | 25.88 |
|        | 29                              | 96.00                        | 19.94 | 116.2       | 23.38 | 139.2       | 27.74 | 143.4       | 28.60 | 147.6       | 29.04 | 160.2       | 30.22 | 183.2       | 35.94 |
|        | 31                              | 108.6                        | 25.22 | 128.0       | 28.66 | 150.2       | 33.56 | 154.4       | 34.50 | 166.2       | 36.76 | 189.4       | 41.18 | 211.6       | 48.48 |
|        | 33                              | 121.8                        | 30.86 | 140.0       | 34.90 | 161.8       | 40.70 | 177.2       | 45.40 | 195.6       | 49.52 | 218.8       | 55.56 | 239.8       | 64.68 |
| 90     | 35                              | 135.0                        | 37.98 | 152.2       | 42.58 | 189.6       | 55.26 | 206.8       | 61.92 | 224.8       | 66.36 | 247.2       | 73.96 | 267.8       | 85.58 |
|        | 37                              | 135.0                        | 40.62 | 152.2       | 45.62 | 189.6       | 58.72 | 206.8       | 65.34 | 224.8       | 70.80 | 244.8       | 78.40 | 264.8       | 90.92 |
|        | 39                              | 135.0                        | 43.48 | 152.2       | 48.88 | 189.6       | 62.36 | 206.8       | 68.90 | 224.8       | 75.30 | 242.6       | 81.42 | 263.0       | 94.38 |
|        | 41                              | 135.0                        | 47.22 | 152.2       | 53.14 | 189.6       | 67.10 | 206.8       | 73.72 | 224.8       | 79.52 | 242.0       | 87.04 | 270.0       | 104.4 |
|        | 43                              | 135.0                        | 51.66 | 152.2       | 58.14 | 189.6       | 71.28 | 206.8       | 77.88 | 225.0       | 87.14 | 247.0       | 97.92 | 263.8       | 110.7 |
|        | 46                              | 132.4                        | 57.90 | 149.6       | 64.60 | 189.4       | 79.84 | 208.6       | 93.16 | 230.0       | 106.8 | 236.4       | 108.7 | 236.8       | 110.8 |
|        | 48                              | 123.8                        | 54.58 | 140.0       | 60.68 | 184.0       | 82.18 | 202.8       | 95.46 | 206.4       | 97.30 | 210.0       | 97.50 | 210.4       | 99.04 |
|        | 50                              | 115.2                        | 51.24 | 131.4       | 57.22 | 176.4       | 82.84 | 180.2       | 85.36 | 180.6       | 85.34 | 184.2       | 85.52 | 184.2       | 86.66 |
|        | 52                              | 106.4                        | 46.64 | 128.4       | 58.98 | 145.8       | 71.18 | 149.0       | 71.28 | 150.4       | 71.00 | 153.8       | 70.56 | 156.6       | 71.22 |
|        | 10                              | 38.80                        | 3.90  | 60.20       | 6.18  | 82.80       | 8.28  | 88.40       | 8.68  | 93.40       | 8.92  | 102.4       | 9.52  | 112.6       | 10.26 |
|        | 12                              | 38.80                        | 3.72  | 60.20       | 5.90  | 82.80       | 7.88  | 88.40       | 8.24  | 93.40       | 8.50  | 102.4       | 9.06  | 112.6       | 9.86  |
|        | 14                              | 38.80                        | 3.52  | 60.20       | 5.56  | 82.80       | 7.46  | 88.40       | 7.88  | 93.40       | 8.12  | 102.4       | 8.68  | 112.6       | 9.46  |
|        | 16                              | 38.80                        | 3.36  | 60.20       | 5.22  | 82.80       | 7.16  | 88.40       | 7.52  | 93.40       | 7.82  | 102.4       | 8.38  | 112.6       | 9.18  |
|        | 18                              | 38.80                        | 3.16  | 60.20       | 5.04  | 82.80       | 6.94  | 88.40       | 7.34  | 93.40       | 7.64  | 102.4       | 8.26  | 112.6       | 9.26  |
|        | 20                              | 38.80                        | 3.10  | 60.20       | 4.94  | 82.80       | 6.98  | 88.40       | 7.46  | 93.40       | 7.88  | 102.4       | 8.74  | 112.6       | 10.00 |
|        | 21                              | 43.80                        | 3.58  | 65.00       | 5.62  | 87.40       | 8.28  | 92.80       | 8.98  | 97.40       | 9.68  | 106.4       | 10.70 | 116.2       | 13.04 |
|        | 23                              | 54.00                        | 9.72  | 74.60       | 11.34 | 96.40       | 13.28 | 101.6       | 13.70 | 106.0       | 14.00 | 114.2       | 14.58 | 123.8       | 15.86 |
|        | 25                              | 64.60                        | 11.42 | 84.20       | 13.42 | 105.8       | 15.78 | 110.4       | 16.40 | 114.8       | 16.86 | 122.4       | 17.62 | 131.6       | 18.94 |
|        | 27                              | 75.40                        | 13.80 | 94.20       | 16.18 | 115.4       | 19.32 | 119.6       | 20.02 | 123.6       | 20.58 | 130.8       | 21.32 | 147.0       | 24.32 |
|        | 29                              | 86.40                        | 17.00 | 104.6       | 20.20 | 125.0       | 23.90 | 129.0       | 24.66 | 132.8       | 25.30 | 145.2       | 27.00 | 173.8       | 33.18 |
|        | 31                              | 98.00                        | 21.76 | 115.2       | 24.72 | 135.2       | 28.72 | 139.0       | 29.50 | 149.6       | 31.94 | 171.6       | 36.02 | 200.8       | 44.00 |
|        | 33                              | 109.4                        | 26.54 | 126.0       | 29.84 | 145.4       | 34.58 | 159.4       | 38.36 | 175.8       | 43.04 | 198.2       | 47.68 | 226.8       | 57.56 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 121.6                        | 32.32 | 137.2       | 36.06 | 170.6       | 46.34 | 186.0       | 51.70 | 202.0       | 57.34 | 224.6       | 63.32 | 251.2       | 75.04 |
|        | 37                              | 121.6                        | 34.34 | 137.2       | 38.42 | 170.6       | 49.46 | 186.0       | 55.04 | 202.0       | 60.80 | 224.6       | 67.34 | 248.8       | 79.34 |
|        | 39                              | 121.6                        | 36.52 | 137.2       | 40.94 | 170.6       | 52.56 | 186.0       | 58.64 | 202.0       | 64.26 | 224.6       | 71.90 | 246.8       | 83.38 |
|        | 41                              | 121.6                        | 41.00 | 137.2       | 45.72 | 170.6       | 58.22 | 186.0       | 64.78 | 202.0       | 69.82 | 223.6       | 76.40 | 241.0       | 87.34 |
|        | 43                              | 121.6                        | 45.12 | 137.2       | 50.32 | 170.6       | 64.32 | 186.0       | 69.98 | 202.0       | 74.36 | 219.6       | 81.56 | 243.0       | 97.12 |
|        | 46                              | 119.4                        | 52.08 | 135.0       | 58.44 | 167.6       | 72.78 | 182.6       | 78.82 | 204.0       | 90.72 | 224.2       | 102.3 | 233.0       | 110.7 |
|        | 48                              | 111.4                        | 49.46 | 126.2       | 55.56 | 158.6       | 69.90 | 179.6       | 82.04 | 198.2       | 93.88 | 207.2       | 97.40 | 207.2       | 99.24 |
|        | 50                              | 103.8                        | 46.88 | 117.8       | 52.20 | 155.0       | 71.88 | 175.4       | 84.06 | 178.4       | 86.62 | 182.0       | 85.62 | 181.6       | 86.96 |
|        | 52                              | 95.80                        | 44.24 | 110.4       | 49.50 | 145.4       | 73.04 | 150.8       | 75.30 | 147.6       | 73.68 | 151.2       | 71.00 | 153.4       | 71.94 |
| 80     | 10                              | 34.40                        | 3.58  | 53.60       | 5.64  | 73.60       | 7.78  | 78.40       | 8.24  | 83.20       | 8.56  | 91.00       | 9.36  | 100.0       | 10.10 |
|        | 12                              | 34.40                        | 3.30  | 53.60       | 5.40  | 73.60       | 7.42  | 78.40       | 7.84  | 83.20       | 8.12  | 91.00       | 8.86  | 100.0       | 9.58  |
|        | 14                              | 34.40                        | 3.16  | 53.60       | 5.12  | 73.60       | 6.98  | 78.40       | 7.38  | 83.20       | 7.66  | 91.00       | 8.44  | 100.0       | 9.14  |
|        | 16                              | 34.40                        | 3.00  | 53.60       | 4.80  | 73.60       | 6.62  | 78.40       | 7.04  | 83.20       | 7.36  | 91.00       | 8.10  | 100.0       | 8.80  |
|        | 18                              | 34.40                        | 2.88  | 53.60       | 4.60  | 73.60       | 6.40  | 78.40       | 6.82  | 83.20       | 7.14  | 91.00       | 7.84  | 100.0       | 8.64  |
|        | 20                              | 34.40                        | 2.78  | 53.60       | 4.50  | 73.60       | 6.38  | 78.40       | 6.82  | 83.20       | 7.20  | 91.00       | 8.02  | 100.0       | 9.16  |
|        | 21                              | 39.00                        | 3.20  | 57.60       | 5.02  | 77.60       | 7.32  | 82.40       | 7.88  | 87.00       | 8.46  | 94.60       | 9.56  | 103.4       | 11.44 |
|        | 23                              | 48.00                        | 9.36  | 66.20       | 10.82 | 85.60       | 12.56 | 90.20       | 13.06 | 94.40       | 13.36 | 101.6       | 14.20 | 110.0       | 15.24 |
|        | 25                              | 57.40                        | 10.80 | 74.80       | 12.64 | 94.00       | 14.84 | 98.20       | 15.28 | 102.2       | 15.72 | 109.0       | 16.80 | 117.0       | 18.00 |
|        | 27                              | 67.00                        | 12.92 | 83.60       | 15.06 | 102.4       | 17.92 | 106.4       | 18.50 | 110.2       | 18.98 | 116.2       | 20.08 | 130.6       | 22.52 |
|        | 29                              | 76.80                        | 15.74 | 93.00       | 18.52 | 111.2       | 21.82 | 114.8       | 22.52 | 118.4       | 23.12 | 129.2       | 25.44 | 154.6       | 30.34 |
|        | 31                              | 86.80                        | 19.86 | 102.2       | 22.74 | 120.0       | 26.26 | 123.4       | 26.96 | 133.2       | 29.02 | 152.6       | 33.68 | 178.4       | 39.54 |
|        | 33                              | 97.20                        | 24.36 | 112.0       | 27.32 | 129.2       | 31.32 | 141.8       | 34.60 | 156.6       | 38.64 | 176.2       | 44.14 | 202.4       | 51.18 |
|        | 35                              | 107.8                        | 29.48 | 121.8       | 32.72 | 151.4       | 41.46 | 165.4       | 45.98 | 180.2       | 51.06 | 199.8       | 57.54 | 226.2       | 66.52 |
|        | 37                              | 107.8                        | 31.26 | 121.8       | 34.82 | 151.4       | 44.12 | 165.4       | 49.02 | 180.2       | 54.36 | 199.8       | 61.00 | 226.2       | 70.82 |
|        | 39                              | 107.8                        | 33.14 | 121.8       | 36.98 | 151.4       | 47.18 | 165.4       | 52.56 | 180.2       | 58.24 | 199.8       | 64.70 | 226.2       | 75.74 |
|        | 41                              | 107.8                        | 37.00 | 121.8       | 41.30 | 151.4       | 52.36 | 165.4       | 58.26 | 180.2       | 64.62 | 199.8       | 70.82 | 225.8       | 82.58 |
|        | 43                              | 107.8                        | 41.22 | 121.8       | 45.76 | 151.4       | 57.92 | 165.4       | 64.32 | 180.2       | 71.02 | 199.8       | 75.96 | 220.4       | 86.80 |
|        | 46                              | 106.0                        | 47.24 | 119.6       | 52.86 | 148.8       | 66.36 | 162.4       | 72.38 | 176.8       | 79.88 | 196.0       | 86.82 | 217.4       | 102.1 |
|        | 48                              | 99.00                        | 44.84 | 112.0       | 50.24 | 139.6       | 62.74 | 152.4       | 68.28 | 170.4       | 79.68 | 190.8       | 88.78 | 204.2       | 99.40 |
|        | 50                              | 92.20                        | 42.42 | 104.4       | 47.58 | 130.4       | 58.84 | 146.8       | 68.12 | 166.4       | 81.66 | 179.2       | 85.70 | 178.8       | 87.06 |
|        | 52                              | 85.20                        | 40.02 | 96.60       | 43.76 | 127.0       | 61.06 | 141.8       | 71.30 | 146.8       | 76.06 | 148.0       | 71.64 | 150.4       | 72.52 |
| 70     | 10                              | 30.00                        | 3.28  | 46.80       | 4.80  | 64.40       | 6.78  | 68.60       | 7.28  | 72.60       | 7.66  | 79.60       | 8.44  | 87.40       | 9.40  |
|        | 12                              | 30.00                        | 2.76  | 46.80       | 4.58  | 64.40       | 6.52  | 68.60       | 6.94  | 72.60       | 7.28  | 79.60       | 8.04  | 87.40       | 8.92  |
|        | 14                              | 30.00                        | 2.66  | 46.80       | 4.36  | 64.40       | 6.14  | 68.60       | 6.52  | 72.60       | 6.86  | 79.60       | 7.56  | 87.40       | 8.42  |
|        | 16                              | 30.00                        | 2.56  | 46.80       | 4.14  | 64.40       | 5.78  | 68.60       | 6.18  | 72.60       | 6.52  | 79.60       | 7.20  | 87.40       | 8.06  |
|        | 18                              | 30.00                        | 2.46  | 46.80       | 3.94  | 64.40       | 5.60  | 68.60       | 5.98  | 72.60       | 6.30  | 79.60       | 6.96  | 87.40       | 7.84  |
|        | 20                              | 30.00                        | 2.36  | 46.80       | 3.84  | 64.40       | 5.50  | 68.60       | 5.94  | 72.60       | 6.28  | 79.60       | 6.98  | 87.40       | 8.06  |
|        | 21                              | 34.20                        | 2.68  | 50.40       | 4.24  | 67.80       | 6.16  | 72.00       | 6.66  | 76.00       | 7.10  | 82.80       | 7.96  | 90.40       | 9.58  |
|        | 23                              | 42.20                        | 8.10  | 57.80       | 10.04 | 75.00       | 11.46 | 78.80       | 11.90 | 82.60       | 12.22 | 89.00       | 13.16 | 96.20       | 14.36 |
|        | 25                              | 50.20                        | 9.76  | 65.60       | 11.42 | 82.20       | 13.36 | 85.80       | 13.86 | 89.40       | 14.16 | 95.20       | 15.20 | 102.2       | 16.36 |
|        | 27                              | 58.60                        | 11.48 | 73.40       | 13.50 | 89.60       | 15.74 | 93.20       | 16.28 | 96.20       | 16.92 | 101.6       | 18.08 | 114.4       | 20.30 |
|        | 29                              | 67.40                        | 13.90 | 81.40       | 16.18 | 97.20       | 19.20 | 100.4       | 19.78 | 103.6       | 20.30 | 113.0       | 22.50 | 135.2       | 27.36 |
|        | 31                              | 76.00                        | 17.22 | 89.60       | 20.14 | 105.0       | 23.12 | 107.8       | 23.74 | 116.4       | 25.42 | 133.6       | 29.64 | 156.2       | 35.36 |
|        | 33                              | 85.20                        | 21.30 | 98.00       | 23.94 | 113.0       | 27.30 | 124.0       | 29.92 | 137.0       | 33.22 | 154.2       | 38.44 | 177.0       | 45.60 |
|        | 35                              | 94.60                        | 25.78 | 106.6       | 28.58 | 132.4       | 35.54 | 144.6       | 39.16 | 157.4       | 43.24 | 174.6       | 49.68 | 197.8       | 58.36 |
|        | 37                              | 94.60                        | 27.40 | 106.6       | 30.30 | 132.4       | 37.80 | 144.6       | 41.74 | 157.4       | 46.12 | 174.6       | 52.98 | 197.8       | 61.86 |
|        | 39                              | 94.60                        | 29.12 | 106.6       | 32.32 | 132.4       | 40.44 | 144.6       | 44.80 | 157.4       | 49.58 | 174.6       | 56.66 | 197.8       | 66.42 |
|        | 41                              | 94.60                        | 32.48 | 106.6       | 35.86 | 132.4       | 44.86 | 144.6       | 49.70 | 157.4       | 54.70 | 174.6       | 62.94 | 197.8       | 72.96 |
|        | 43                              | 94.60                        | 35.92 | 106.6       | 39.68 | 132.4       | 49.64 | 144.6       | 54.94 | 157.4       | 60.48 | 174.6       | 69.66 | 197.8       | 80.22 |
|        | 46                              | 92.80                        | 41.12 | 104.8       | 45.74 | 130.2       | 57.26 | 142.2       | 62.86 | 154.8       | 69.12 | 171.4       | 79.10 | 194.2       | 89.78 |
|        | 48                              | 86.80                        | 39.10 | 98.20       | 43.54 | 122.0       | 54.50 | 133.4       | 59.80 | 145.2       | 65.42 | 160.6       | 74.42 | 184.0       | 86.10 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 80.80                        | 37.04 | 91.40       | 41.32 | 114.0       | 51.70 | 124.6       | 56.02 | 136.4       | 61.98 | 155.4       | 74.70 | 179.8       | 87.66 |
|        | 52                              | 74.80                        | 35.02 | 84.60       | 39.06 | 105.8       | 47.30 | 118.4       | 54.62 | 133.2       | 65.32 | 145.0       | 75.12 | 153.2       | 75.90 |
| 60     | 10                              | 25.80                        | 2.94  | 40.00       | 4.20  | 55.20       | 5.70  | 58.80       | 6.18  | 62.40       | 6.56  | 68.40       | 7.32  | 75.00       | 8.24  |
|        | 12                              | 25.80                        | 2.26  | 40.00       | 3.72  | 55.20       | 5.44  | 58.80       | 5.92  | 62.40       | 6.28  | 68.40       | 6.98  | 75.00       | 7.84  |
|        | 14                              | 25.80                        | 2.18  | 40.00       | 3.58  | 55.20       | 5.18  | 58.80       | 5.58  | 62.40       | 5.92  | 68.40       | 6.58  | 75.00       | 7.38  |
|        | 16                              | 25.80                        | 2.12  | 40.00       | 3.44  | 55.20       | 4.90  | 58.80       | 5.26  | 62.40       | 5.60  | 68.40       | 6.20  | 75.00       | 6.98  |
|        | 18                              | 25.80                        | 2.06  | 40.00       | 3.30  | 55.20       | 4.68  | 58.80       | 5.06  | 62.40       | 5.38  | 68.40       | 5.98  | 75.00       | 6.76  |
|        | 20                              | 25.80                        | 1.96  | 40.00       | 3.20  | 55.20       | 4.60  | 58.80       | 4.98  | 62.40       | 5.30  | 68.40       | 5.92  | 75.00       | 6.78  |
|        | 21                              | 29.00                        | 2.22  | 43.20       | 3.46  | 58.20       | 5.08  | 61.60       | 5.48  | 65.20       | 5.86  | 71.00       | 6.54  | 77.60       | 7.72  |
|        | 23                              | 36.00                        | 5.54  | 49.60       | 8.36  | 64.40       | 10.42 | 67.60       | 10.78 | 70.80       | 11.04 | 76.20       | 11.84 | 82.60       | 13.12 |
|        | 25                              | 43.80                        | 8.96  | 56.20       | 10.18 | 70.60       | 11.78 | 73.60       | 12.26 | 76.60       | 12.62 | 81.80       | 13.56 | 87.80       | 14.92 |
|        | 27                              | 50.20                        | 10.16 | 62.80       | 11.78 | 76.80       | 13.76 | 79.60       | 14.26 | 82.60       | 14.64 | 87.20       | 15.66 | 98.00       | 18.10 |
|        | 29                              | 57.60                        | 12.10 | 69.60       | 14.00 | 83.40       | 16.42 | 86.20       | 17.06 | 88.60       | 17.66 | 96.80       | 19.42 | 116.0       | 23.96 |
|        | 31                              | 65.20                        | 14.72 | 76.80       | 17.14 | 90.00       | 20.04 | 92.40       | 20.60 | 100.0       | 22.00 | 114.6       | 25.36 | 133.8       | 30.78 |
|        | 33                              | 73.00                        | 18.24 | 84.00       | 20.66 | 97.00       | 23.54 | 106.4       | 25.68 | 117.4       | 28.26 | 132.2       | 32.32 | 151.8       | 39.10 |
|        | 35                              | 81.00                        | 22.04 | 91.40       | 24.54 | 113.6       | 30.12 | 124.0       | 32.94 | 135.0       | 36.10 | 149.8       | 41.14 | 169.6       | 49.46 |
|        | 37                              | 81.00                        | 23.32 | 91.40       | 25.98 | 113.6       | 31.98 | 124.0       | 35.08 | 135.0       | 38.42 | 149.8       | 43.78 | 169.6       | 52.68 |
|        | 39                              | 81.00                        | 24.88 | 91.40       | 27.68 | 113.6       | 34.38 | 124.0       | 37.56 | 135.0       | 41.22 | 149.8       | 46.92 | 169.6       | 56.42 |
|        | 41                              | 81.00                        | 27.42 | 91.40       | 30.64 | 113.6       | 37.88 | 124.0       | 41.60 | 135.0       | 45.46 | 149.8       | 52.10 | 169.6       | 62.34 |
|        | 43                              | 81.00                        | 30.28 | 91.40       | 33.88 | 113.6       | 41.90 | 124.0       | 45.98 | 135.0       | 50.24 | 149.8       | 57.70 | 169.6       | 69.10 |
|        | 46                              | 79.60                        | 34.92 | 89.80       | 39.08 | 111.6       | 48.30 | 121.8       | 52.96 | 132.6       | 57.88 | 147.2       | 66.54 | 166.6       | 80.36 |
|        | 48                              | 74.20                        | 33.30 | 84.00       | 37.24 | 104.6       | 46.08 | 114.2       | 50.44 | 124.4       | 55.12 | 137.8       | 63.12 | 155.8       | 75.50 |
|        | 50                              | 69.20                        | 31.66 | 78.20       | 35.42 | 97.80       | 43.78 | 106.8       | 47.92 | 116.2       | 52.38 | 128.6       | 59.10 | 145.0       | 70.40 |
|        | 52                              | 64.00                        | 30.04 | 72.60       | 33.58 | 90.60       | 41.50 | 99.20       | 44.20 | 108.2       | 47.98 | 121.2       | 56.76 | 139.4       | 71.10 |
| 50     | 10                              | 21.60                        | 2.86  | 33.40       | 3.72  | 46.00       | 4.78  | 49.00       | 4.94  | 52.00       | 5.32  | 57.00       | 5.96  | 62.60       | 6.74  |
|        | 12                              | 21.60                        | 2.06  | 33.40       | 2.92  | 46.00       | 4.28  | 49.00       | 4.72  | 52.00       | 5.10  | 57.00       | 5.72  | 62.60       | 6.48  |
|        | 14                              | 21.60                        | 1.92  | 33.40       | 2.82  | 46.00       | 4.12  | 49.00       | 4.50  | 52.00       | 4.82  | 57.00       | 5.40  | 62.60       | 6.12  |
|        | 16                              | 21.60                        | 1.88  | 33.40       | 2.74  | 46.00       | 3.96  | 49.00       | 4.28  | 52.00       | 4.58  | 57.00       | 5.14  | 62.60       | 5.78  |
|        | 18                              | 21.60                        | 1.80  | 33.40       | 2.62  | 46.00       | 3.78  | 49.00       | 4.10  | 52.00       | 4.36  | 57.00       | 4.90  | 62.60       | 5.54  |
|        | 20                              | 21.60                        | 1.74  | 33.40       | 2.54  | 46.00       | 3.68  | 49.00       | 4.00  | 52.00       | 4.30  | 57.00       | 4.82  | 62.60       | 5.50  |
|        | 21                              | 24.40                        | 1.82  | 36.00       | 2.74  | 48.60       | 3.98  | 51.40       | 4.32  | 54.20       | 4.62  | 59.20       | 5.18  | 64.60       | 6.04  |
|        | 23                              | 30.00                        | 3.74  | 41.40       | 5.48  | 53.40       | 9.28  | 56.40       | 9.64  | 59.00       | 9.90  | 63.40       | 10.56 | 68.80       | 11.50 |
|        | 25                              | 41.60                        | 8.72  | 46.80       | 9.00  | 58.80       | 10.32 | 61.20       | 10.66 | 63.80       | 10.98 | 68.00       | 11.78 | 73.00       | 12.98 |
|        | 27                              | 42.20                        | 9.08  | 52.40       | 10.16 | 64.00       | 11.84 | 66.40       | 12.24 | 68.60       | 12.62 | 72.80       | 13.50 | 81.80       | 15.40 |
|        | 29                              | 48.00                        | 10.54 | 58.20       | 11.98 | 69.40       | 13.84 | 71.80       | 14.32 | 73.80       | 14.76 | 80.80       | 16.32 | 96.60       | 19.86 |
|        | 31                              | 54.40                        | 12.54 | 64.00       | 14.24 | 75.00       | 16.72 | 77.00       | 17.34 | 83.00       | 18.66 | 95.40       | 21.38 | 111.6       | 25.54 |
|        | 33                              | 60.80                        | 15.38 | 70.20       | 17.40 | 80.80       | 19.82 | 88.60       | 21.58 | 97.80       | 23.66 | 110.0       | 26.78 | 126.4       | 31.86 |
|        | 35                              | 67.60                        | 18.62 | 76.20       | 20.44 | 94.80       | 25.12 | 103.4       | 27.32 | 112.4       | 29.64 | 124.8       | 33.36 | 141.4       | 39.64 |
|        | 37                              | 67.60                        | 19.82 | 76.20       | 21.74 | 94.80       | 26.62 | 103.4       | 29.00 | 112.4       | 31.48 | 124.8       | 35.58 | 141.4       | 42.18 |
|        | 39                              | 67.60                        | 21.04 | 76.20       | 23.18 | 94.80       | 28.48 | 103.4       | 31.08 | 112.4       | 33.72 | 124.8       | 37.98 | 141.4       | 45.36 |
|        | 41                              | 67.60                        | 23.04 | 76.20       | 25.46 | 94.80       | 31.52 | 103.4       | 34.20 | 112.4       | 37.10 | 124.8       | 42.12 | 141.4       | 50.10 |
|        | 43                              | 67.60                        | 25.32 | 76.20       | 28.08 | 94.80       | 34.80 | 103.4       | 37.78 | 112.4       | 41.00 | 124.8       | 46.64 | 141.4       | 55.50 |
|        | 46                              | 66.40                        | 28.96 | 75.00       | 32.38 | 93.20       | 40.04 | 101.6       | 43.50 | 110.2       | 47.16 | 122.6       | 53.78 | 138.8       | 64.08 |
|        | 48                              | 62.00                        | 27.54 | 70.00       | 30.94 | 87.40       | 38.20 | 95.40       | 41.54 | 103.4       | 45.00 | 114.8       | 51.14 | 129.8       | 60.68 |
|        | 50                              | 57.60                        | 26.22 | 65.20       | 29.54 | 81.60       | 36.40 | 89.00       | 39.52 | 96.60       | 42.84 | 107.0       | 48.48 | 120.8       | 57.24 |
|        | 52                              | 53.40                        | 24.90 | 60.60       | 28.18 | 75.80       | 34.58 | 82.80       | 37.56 | 89.80       | 40.70 | 99.40       | 44.76 | 112.0       | 52.46 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM900LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 64.70                        | 6.76  | 99.10       | 9.55  | 126.5       | 11.09 | 130.5       | 10.57 | 133.8       | 10.04 | 141.1       | 9.90  | 147.6       | 10.06 |
|        | 12                              | 64.70                        | 6.40  | 99.10       | 9.06  | 126.5       | 10.65 | 130.5       | 10.11 | 133.8       | 9.70  | 141.1       | 9.61  | 147.6       | 9.91  |
|        | 14                              | 64.70                        | 6.04  | 99.10       | 8.62  | 126.5       | 10.25 | 130.5       | 9.80  | 133.8       | 9.45  | 141.1       | 9.48  | 147.6       | 9.86  |
|        | 16                              | 64.70                        | 5.77  | 99.10       | 8.24  | 126.5       | 10.06 | 130.5       | 9.69  | 133.8       | 9.47  | 141.1       | 9.57  | 147.6       | 10.08 |
|        | 18                              | 64.70                        | 5.56  | 99.10       | 8.12  | 126.5       | 10.04 | 130.5       | 9.91  | 133.8       | 9.83  | 141.1       | 10.09 | 147.6       | 10.96 |
|        | 20                              | 64.70                        | 5.45  | 99.10       | 8.31  | 126.5       | 10.75 | 130.5       | 11.22 | 133.8       | 11.50 | 141.1       | 12.35 | 147.6       | 14.00 |
|        | 21                              | 73.30                        | 6.57  | 106.9       | 10.16 | 133.2       | 14.07 | 136.9       | 14.95 | 139.9       | 14.84 | 146.4       | 15.31 | 152.4       | 16.12 |
|        | 23                              | 90.40                        | 14.37 | 122.7       | 16.21 | 147.0       | 17.54 | 149.9       | 19.29 | 152.0       | 19.46 | 157.4       | 19.95 | 162.4       | 20.94 |
|        | 25                              | 108.2                        | 17.54 | 138.8       | 19.93 | 161.4       | 22.24 | 163.2       | 25.55 | 164.6       | 25.82 | 168.5       | 26.26 | 172.4       | 27.45 |
|        | 27                              | 126.2                        | 22.13 | 155.4       | 25.35 | 175.9       | 28.77 | 176.9       | 34.18 | 177.3       | 34.14 | 180.0       | 34.38 | 192.7       | 38.24 |
|        | 29                              | 144.7                        | 28.48 | 172.4       | 32.29 | 190.8       | 36.71 | 190.8       | 43.99 | 190.3       | 43.73 | 199.9       | 45.94 | 229.1       | 56.37 |
|        | 31                              | 163.7                        | 35.98 | 190.0       | 39.77 | 206.3       | 45.98 | 205.1       | 52.08 | 214.3       | 55.28 | 235.2       | 62.37 | 265.4       | 75.95 |
|        | 33                              | 183.3                        | 45.19 | 207.7       | 49.87 | 222.0       | 57.80 | 235.5       | 67.49 | 251.9       | 74.83 | 270.5       | 82.79 | 305.5       | 100.4 |
|        | 35                              | 203.2                        | 56.89 | 226.2       | 61.89 | 260.3       | 83.61 | 274.0       | 90.58 | 288.9       | 99.01 | 317.9       | 110.3 | 355.9       | 125.9 |
|        | 37                              | 203.2                        | 60.71 | 226.2       | 65.87 | 258.9       | 84.67 | 271.4       | 91.43 | 301.1       | 105.6 | 331.7       | 117.4 | 349.2       | 124.2 |
|        | 39                              | 203.2                        | 64.71 | 226.2       | 70.42 | 256.2       | 84.63 | 284.3       | 97.80 | 315.2       | 112.7 | 335.8       | 119.4 | 339.9       | 120.6 |
|        | 41                              | 203.2                        | 70.82 | 220.9       | 74.99 | 263.7       | 91.68 | 292.2       | 106.4 | 312.8       | 115.3 | 320.0       | 116.1 | 323.1       | 117.7 |
|        | 43                              | 203.2                        | 77.07 | 213.4       | 74.48 | 272.6       | 101.4 | 293.0       | 112.2 | 297.7       | 112.7 | 304.9       | 113.4 | 308.2       | 115.6 |
|        | 46                              | 197.8                        | 85.73 | 213.9       | 84.49 | 262.5       | 108.9 | 265.6       | 109.2 | 270.6       | 110.0 | 276.9       | 110.6 | 279.9       | 112.5 |
|        | 48                              | 179.3                        | 85.02 | 205.9       | 95.12 | 230.5       | 106.9 | 233.7       | 107.3 | 237.6       | 108.0 | 243.3       | 108.5 | 245.7       | 110.2 |
|        | 50                              | 167.3                        | 89.32 | 193.3       | 105.0 | 198.5       | 104.8 | 201.6       | 105.0 | 204.6       | 105.8 | 210.4       | 106.3 | 211.7       | 107.6 |
|        | 52                              | 160.0                        | 102.6 | 157.6       | 102.5 | 164.7       | 101.7 | 167.2       | 101.4 | 170.5       | 102.6 | 175.5       | 102.6 | 178.4       | 104.0 |
| 120    | 10                              | 58.80                        | 6.17  | 90.00       | 9.02  | 116.5       | 10.98 | 120.4       | 11.07 | 123.6       | 10.42 | 130.8       | 10.07 | 137.0       | 10.20 |
|        | 12                              | 58.80                        | 5.87  | 90.00       | 8.54  | 116.5       | 10.49 | 120.4       | 10.45 | 123.6       | 10.02 | 130.8       | 9.84  | 137.0       | 10.03 |
|        | 14                              | 58.80                        | 5.59  | 90.00       | 8.13  | 116.5       | 10.10 | 120.4       | 10.08 | 123.6       | 9.71  | 130.8       | 9.61  | 137.0       | 9.88  |
|        | 16                              | 58.80                        | 5.31  | 90.00       | 7.78  | 116.5       | 9.79  | 120.4       | 9.80  | 123.6       | 9.57  | 130.8       | 9.50  | 137.0       | 9.95  |
|        | 18                              | 58.80                        | 5.10  | 90.00       | 7.57  | 116.5       | 9.68  | 120.4       | 9.83  | 123.6       | 9.71  | 130.8       | 9.79  | 137.0       | 10.43 |
|        | 20                              | 58.80                        | 4.98  | 90.00       | 7.65  | 116.5       | 10.19 | 120.4       | 10.52 | 123.6       | 10.58 | 130.8       | 11.01 | 137.0       | 12.42 |
|        | 21                              | 66.40                        | 5.95  | 96.90       | 9.19  | 122.9       | 13.10 | 126.4       | 13.76 | 129.2       | 13.84 | 135.7       | 13.98 | 141.3       | 14.69 |
|        | 23                              | 82.20                        | 13.70 | 111.3       | 15.66 | 135.5       | 17.24 | 138.3       | 17.25 | 140.6       | 17.28 | 145.9       | 17.33 | 150.4       | 18.13 |
|        | 25                              | 98.30                        | 16.56 | 125.9       | 19.09 | 148.8       | 21.33 | 150.5       | 21.57 | 152.1       | 21.83 | 156.4       | 22.01 | 159.9       | 22.88 |
|        | 27                              | 114.5                        | 20.47 | 141.1       | 23.97 | 162.2       | 26.93 | 163.2       | 27.36 | 163.8       | 27.98 | 167.1       | 28.18 | 178.7       | 31.09 |
|        | 29                              | 131.4                        | 26.17 | 156.4       | 30.39 | 176.0       | 33.09 | 175.9       | 34.10 | 176.0       | 34.95 | 185.4       | 36.91 | 211.5       | 44.55 |
|        | 31                              | 148.6                        | 32.94 | 172.1       | 37.51 | 190.1       | 40.11 | 189.4       | 42.42 | 198.2       | 46.48 | 219.2       | 52.91 | 244.2       | 62.99 |
|        | 33                              | 166.4                        | 41.03 | 188.4       | 46.32 | 204.5       | 49.34 | 217.2       | 58.68 | 233.2       | 66.68 | 253.1       | 74.30 | 276.7       | 87.31 |
|        | 35                              | 184.5                        | 51.19 | 205.1       | 57.23 | 239.9       | 69.23 | 253.6       | 85.55 | 267.8       | 93.07 | 286.5       | 101.3 | 318.2       | 116.5 |
|        | 37                              | 184.5                        | 55.02 | 205.1       | 60.54 | 239.9       | 74.92 | 253.6       | 86.59 | 268.6       | 94.53 | 296.8       | 106.6 | 332.1       | 123.2 |
|        | 39                              | 184.5                        | 59.19 | 205.1       | 64.25 | 239.9       | 80.30 | 253.7       | 86.91 | 281.7       | 101.0 | 311.5       | 113.1 | 328.3       | 121.3 |
|        | 41                              | 184.5                        | 65.32 | 205.1       | 70.88 | 236.5       | 81.45 | 261.8       | 93.90 | 290.4       | 109.3 | 309.1       | 115.9 | 312.4       | 117.8 |
|        | 43                              | 184.5                        | 71.85 | 203.9       | 72.87 | 244.3       | 89.21 | 270.8       | 103.2 | 287.7       | 112.3 | 294.0       | 112.4 | 297.5       | 114.7 |
|        | 46                              | 179.7                        | 80.74 | 191.6       | 73.80 | 252.7       | 105.6 | 257.8       | 107.9 | 260.9       | 108.2 | 267.0       | 108.5 | 270.4       | 110.7 |
|        | 48                              | 163.1                        | 80.62 | 184.7       | 83.28 | 223.9       | 105.8 | 226.2       | 106.3 | 229.2       | 106.7 | 234.8       | 107.1 | 237.2       | 108.6 |
|        | 50                              | 146.2                        | 80.42 | 174.9       | 93.59 | 193.0       | 104.3 | 195.6       | 104.8 | 198.0       | 105.1 | 202.8       | 105.4 | 204.9       | 106.4 |
|        | 52                              | 137.8                        | 88.72 | 152.8       | 100.7 | 159.1       | 102.0 | 161.3       | 102.0 | 163.8       | 101.9 | 168.1       | 102.4 | 171.9       | 103.3 |
| 110    | 10                              | 53.00                        | 5.57  | 81.20       | 8.37  | 106.9       | 10.49 | 110.3       | 10.71 | 116.2       | 10.65 | 120.0       | 10.42 | 129.7       | 10.45 |
|        | 12                              | 53.00                        | 5.33  | 81.20       | 7.95  | 106.9       | 10.02 | 110.3       | 10.13 | 116.2       | 10.19 | 120.0       | 10.05 | 129.7       | 10.22 |
|        | 14                              | 53.00                        | 5.08  | 81.20       | 7.60  | 106.9       | 9.66  | 110.3       | 9.80  | 116.2       | 9.91  | 120.0       | 9.77  | 129.7       | 10.00 |
|        | 16                              | 53.00                        | 4.83  | 81.20       | 7.26  | 106.9       | 9.32  | 110.3       | 9.52  | 116.2       | 9.69  | 120.0       | 9.58  | 129.7       | 9.89  |
|        | 18                              | 53.00                        | 4.64  | 81.20       | 7.03  | 106.9       | 9.28  | 110.3       | 9.50  | 116.2       | 9.71  | 120.0       | 9.66  | 129.7       | 10.16 |
|        | 20                              | 53.00                        | 4.52  | 81.20       | 6.99  | 106.9       | 9.67  | 110.3       | 9.91  | 116.2       | 10.32 | 120.0       | 10.46 | 129.7       | 11.48 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 59.90                        | 5.31  | 87.40       | 8.23  | 112.8       | 12.00 | 115.8       | 12.54 | 121.5       | 13.29 | 124.6       | 13.58 | 133.9       | 14.21 |
|        | 23                              | 73.90                        | 12.92 | 100.3       | 14.88 | 124.4       | 16.58 | 126.8       | 16.45 | 132.0       | 16.77 | 134.0       | 16.59 | 142.5       | 17.19 |
|        | 25                              | 88.30                        | 15.49 | 113.6       | 17.74 | 136.6       | 20.17 | 138.0       | 20.17 | 142.9       | 20.57 | 143.6       | 20.25 | 151.6       | 21.28 |
|        | 27                              | 103.1                        | 18.90 | 127.1       | 21.99 | 148.9       | 25.03 | 149.5       | 24.99 | 153.9       | 25.32 | 153.3       | 24.96 | 169.3       | 28.32 |
|        | 29                              | 118.4                        | 23.94 | 141.0       | 27.67 | 161.5       | 30.91 | 161.3       | 30.77 | 165.3       | 31.10 | 170.3       | 31.83 | 200.3       | 39.46 |
|        | 31                              | 134.0                        | 30.01 | 155.2       | 33.98 | 174.5       | 37.34 | 173.6       | 37.14 | 186.2       | 40.32 | 201.5       | 44.38 | 231.3       | 54.20 |
|        | 33                              | 149.8                        | 37.10 | 169.9       | 41.64 | 187.8       | 45.17 | 199.2       | 49.01 | 219.0       | 56.24 | 232.3       | 61.11 | 262.0       | 73.27 |
|        | 35                              | 166.1                        | 45.92 | 185.1       | 51.22 | 220.2       | 61.47 | 232.5       | 67.23 | 251.7       | 77.50 | 263.4       | 82.91 | 292.6       | 97.35 |
|        | 37                              | 166.1                        | 48.74 | 185.1       | 54.46 | 220.2       | 64.97 | 232.5       | 72.39 | 251.7       | 83.55 | 263.4       | 88.68 | 293.6       | 104.0 |
|        | 39                              | 166.1                        | 52.50 | 185.1       | 57.96 | 220.2       | 69.54 | 232.5       | 78.26 | 251.7       | 88.38 | 273.9       | 98.46 | 308.2       | 116.1 |
|        | 41                              | 166.1                        | 58.00 | 185.1       | 63.29 | 220.2       | 75.73 | 232.5       | 87.10 | 257.3       | 99.64 | 283.7       | 113.3 | 301.3       | 124.1 |
|        | 43                              | 166.1                        | 62.94 | 185.1       | 68.10 | 216.4       | 81.74 | 239.7       | 93.64 | 265.8       | 107.6 | 284.2       | 116.1 | 286.6       | 118.1 |
|        | 46                              | 161.7                        | 65.30 | 180.4       | 69.11 | 223.1       | 94.71 | 247.6       | 108.0 | 251.8       | 109.9 | 257.8       | 110.2 | 259.9       | 112.0 |
|        | 48                              | 146.8                        | 65.08 | 164.0       | 69.74 | 214.6       | 104.2 | 218.7       | 105.5 | 221.2       | 106.1 | 226.4       | 106.3 | 228.5       | 108.0 |
|        | 50                              | 131.8                        | 64.69 | 155.7       | 76.94 | 186.2       | 100.9 | 188.7       | 102.0 | 191.1       | 102.3 | 195.4       | 102.0 | 197.1       | 103.6 |
| 100    | 52                              | 116.6                        | 63.80 | 146.0       | 88.39 | 152.4       | 95.84 | 155.3       | 97.59 | 157.1       | 97.14 | 161.1       | 96.61 | 164.8       | 98.27 |
|        | 10                              | 45.30                        | 4.96  | 69.20       | 7.69  | 94.30       | 9.96  | 100.4       | 10.27 | 105.8       | 10.32 | 116.3       | 10.89 | 121.4       | 10.87 |
|        | 12                              | 45.30                        | 4.77  | 69.20       | 7.37  | 94.30       | 9.45  | 100.4       | 9.68  | 105.8       | 9.81  | 116.3       | 10.52 | 121.4       | 10.59 |
|        | 14                              | 45.30                        | 4.58  | 69.20       | 7.04  | 94.30       | 9.06  | 100.4       | 9.29  | 105.8       | 9.43  | 116.3       | 10.25 | 121.4       | 10.34 |
|        | 16                              | 45.30                        | 4.35  | 69.20       | 6.69  | 94.30       | 8.73  | 100.4       | 9.03  | 105.8       | 9.22  | 116.3       | 10.02 | 121.4       | 10.22 |
|        | 18                              | 45.30                        | 4.15  | 69.20       | 6.45  | 94.30       | 8.51  | 100.4       | 8.89  | 105.8       | 9.23  | 116.3       | 10.05 | 121.4       | 10.32 |
|        | 20                              | 45.30                        | 4.06  | 69.20       | 6.35  | 94.30       | 8.74  | 100.4       | 9.31  | 105.8       | 9.75  | 116.3       | 10.57 | 121.4       | 11.23 |
|        | 21                              | 51.20                        | 4.72  | 74.80       | 7.28  | 99.50       | 10.61 | 105.3       | 11.45 | 110.5       | 12.21 | 120.8       | 13.23 | 125.3       | 14.42 |
|        | 23                              | 63.20                        | 12.18 | 85.60       | 14.01 | 109.8       | 15.93 | 115.2       | 16.30 | 120.1       | 16.55 | 129.7       | 16.82 | 133.5       | 16.99 |
|        | 25                              | 75.40                        | 14.38 | 97.00       | 16.53 | 120.5       | 19.09 | 125.6       | 19.77 | 129.9       | 20.18 | 139.1       | 20.05 | 141.7       | 20.40 |
|        | 27                              | 88.10                        | 17.39 | 108.6       | 20.07 | 131.3       | 23.61 | 136.0       | 24.42 | 140.1       | 24.88 | 148.6       | 24.71 | 158.5       | 26.53 |
|        | 29                              | 100.9                        | 21.59 | 120.4       | 25.01 | 142.6       | 29.33 | 146.7       | 30.19 | 150.5       | 30.40 | 164.9       | 31.35 | 187.5       | 36.67 |
|        | 31                              | 114.1                        | 27.22 | 132.6       | 30.67 | 153.9       | 35.46 | 157.9       | 36.41 | 169.4       | 38.32 | 195.0       | 42.55 | 216.6       | 49.30 |
|        | 33                              | 127.9                        | 33.24 | 145.1       | 37.30 | 165.7       | 42.98 | 181.2       | 47.85 | 199.4       | 51.26 | 225.2       | 57.18 | 245.5       | 65.50 |
| 90     | 35                              | 141.9                        | 40.85 | 157.8       | 45.45 | 194.2       | 58.26 | 211.5       | 65.19 | 229.1       | 68.39 | 254.1       | 75.74 | 274.0       | 86.48 |
|        | 37                              | 141.9                        | 43.73 | 157.8       | 48.75 | 194.2       | 61.82 | 211.5       | 68.51 | 229.1       | 72.89 | 250.6       | 79.87 | 269.7       | 91.62 |
|        | 39                              | 141.9                        | 46.86 | 157.8       | 52.32 | 194.2       | 65.54 | 211.5       | 71.95 | 229.1       | 77.71 | 247.4       | 83.56 | 266.8       | 96.03 |
|        | 41                              | 141.9                        | 51.14 | 157.8       | 57.19 | 194.2       | 70.74 | 211.5       | 78.01 | 229.1       | 83.53 | 246.3       | 90.81 | 276.9       | 109.0 |
|        | 43                              | 141.9                        | 56.33 | 157.8       | 63.04 | 194.2       | 76.26 | 211.5       | 83.71 | 229.6       | 93.13 | 253.8       | 104.7 | 273.0       | 118.7 |
|        | 46                              | 138.1                        | 63.41 | 153.9       | 70.67 | 194.5       | 87.25 | 214.5       | 102.7 | 237.2       | 117.7 | 245.4       | 119.7 | 247.5       | 122.2 |
|        | 48                              | 125.5                        | 57.37 | 140.0       | 63.83 | 186.7       | 87.84 | 206.6       | 102.8 | 210.4       | 104.6 | 215.6       | 104.9 | 217.4       | 106.7 |
|        | 50                              | 113.0                        | 51.23 | 128.0       | 58.00 | 175.5       | 85.99 | 180.1       | 89.05 | 181.1       | 89.13 | 186.1       | 89.35 | 187.4       | 90.64 |
|        | 52                              | 100.2                        | 44.33 | 123.2       | 57.84 | 142.9       | 71.97 | 147.2       | 72.56 | 148.9       | 72.63 | 153.3       | 72.44 | 156.4       | 73.28 |
|        | 10                              | 40.70                        | 4.47  | 62.50       | 7.11  | 84.90       | 9.48  | 90.40       | 9.90  | 95.20       | 10.11 | 105.6       | 10.83 | 117.8       | 11.70 |
|        | 12                              | 40.70                        | 4.26  | 62.50       | 6.73  | 84.90       | 8.91  | 90.40       | 9.28  | 95.20       | 9.51  | 105.6       | 10.16 | 117.8       | 11.10 |
|        | 14                              | 40.70                        | 4.04  | 62.50       | 6.33  | 84.90       | 8.37  | 90.40       | 8.75  | 95.20       | 8.93  | 105.6       | 9.57  | 117.8       | 10.49 |
|        | 16                              | 40.70                        | 3.86  | 62.50       | 5.95  | 84.90       | 7.92  | 90.40       | 8.24  | 95.20       | 8.46  | 105.6       | 9.08  | 117.8       | 10.00 |
|        | 18                              | 40.70                        | 3.64  | 62.50       | 5.66  | 84.90       | 7.56  | 90.40       | 7.92  | 95.20       | 8.14  | 105.6       | 8.79  | 117.8       | 9.97  |
|        | 20                              | 40.70                        | 3.52  | 62.50       | 5.46  | 84.90       | 7.45  | 90.40       | 7.88  | 95.20       | 8.26  | 105.6       | 9.22  | 117.8       | 10.58 |
|        | 21                              | 46.00                        | 4.03  | 67.40       | 6.12  | 89.50       | 8.70  | 94.80       | 9.38  | 99.30       | 10.00 | 109.7       | 11.10 | 121.5       | 13.60 |
|        | 23                              | 56.70                        | 10.84 | 77.30       | 12.32 | 98.80       | 14.06 | 103.8       | 14.44 | 108.0       | 14.62 | 117.9       | 15.27 | 129.5       | 16.75 |
|        | 25                              | 67.80                        | 12.55 | 87.40       | 14.42 | 108.4       | 16.54 | 112.9       | 17.07 | 117.0       | 17.44 | 126.3       | 18.32 | 137.6       | 19.90 |
|        | 27                              | 79.10                        | 15.02 | 97.80       | 17.18 | 118.2       | 20.09 | 122.3       | 20.78 | 126.0       | 21.29 | 135.0       | 22.14 | 153.8       | 25.44 |
|        | 29                              | 90.80                        | 18.22 | 108.5       | 21.22 | 128.1       | 24.83 | 132.0       | 25.60 | 135.4       | 26.17 | 149.8       | 28.00 | 181.8       | 34.64 |
|        | 31                              | 102.8                        | 23.01 | 119.5       | 25.99 | 138.5       | 29.86 | 142.1       | 30.63 | 152.5       | 33.04 | 177.1       | 37.19 | 210.0       | 45.77 |
|        | 33                              | 114.9                        | 28.06 | 130.7       | 31.33 | 149.0       | 35.93 | 163.0       | 39.78 | 179.2       | 44.41 | 204.5       | 48.98 | 236.9       | 59.59 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 127.7                        | 34.11 | 142.3       | 37.80 | 174.8       | 48.07 | 190.2       | 53.56 | 205.9       | 59.04 | 231.7       | 65.11 | 261.5       | 77.44 |
|        | 37                              | 127.7                        | 36.21 | 142.3       | 40.25 | 174.8       | 51.29 | 190.2       | 56.97 | 205.9       | 62.45 | 231.7       | 69.16 | 258.1       | 81.45 |
|        | 39                              | 127.7                        | 38.44 | 142.3       | 42.87 | 174.8       | 54.41 | 190.2       | 60.66 | 205.9       | 65.78 | 231.7       | 73.89 | 255.1       | 85.42 |
|        | 41                              | 127.7                        | 43.90 | 142.3       | 48.62 | 174.8       | 61.09 | 190.2       | 67.86 | 205.9       | 72.44 | 230.2       | 79.88 | 246.6       | 90.79 |
|        | 43                              | 127.7                        | 48.75 | 142.3       | 54.02 | 174.8       | 68.31 | 190.2       | 74.45 | 205.9       | 78.66 | 224.5       | 86.54 | 249.5       | 103.2 |
|        | 46                              | 124.4                        | 57.01 | 138.9       | 63.74 | 170.5       | 79.42 | 185.8       | 86.33 | 209.0       | 99.83 | 231.8       | 112.9 | 241.7       | 122.2 |
|        | 48                              | 112.8                        | 52.11 | 126.2       | 58.28 | 157.8       | 74.06 | 181.6       | 88.23 | 201.1       | 101.2 | 211.7       | 104.8 | 212.5       | 106.9 |
|        | 50                              | 101.7                        | 47.15 | 113.9       | 52.49 | 152.8       | 74.61 | 175.7       | 88.54 | 177.7       | 90.90 | 182.8       | 89.43 | 183.2       | 90.99 |
|        | 52                              | 90.20                        | 42.05 | 103.2       | 47.89 | 142.6       | 74.16 | 150.1       | 77.80 | 145.0       | 75.98 | 150.0       | 72.66 | 152.2       | 73.85 |
| 80     | 10                              | 36.10                        | 4.20  | 55.50       | 6.51  | 75.30       | 8.98  | 80.20       | 9.51  | 84.90       | 9.85  | 94.00       | 10.86 | 104.6       | 11.76 |
|        | 12                              | 36.10                        | 3.81  | 55.50       | 6.18  | 75.30       | 8.48  | 80.20       | 8.94  | 84.90       | 9.22  | 94.00       | 10.16 | 104.6       | 11.01 |
|        | 14                              | 36.10                        | 3.65  | 55.50       | 5.87  | 75.30       | 7.93  | 80.20       | 8.37  | 84.90       | 8.63  | 94.00       | 9.54  | 104.6       | 10.35 |
|        | 16                              | 36.10                        | 3.47  | 55.50       | 5.52  | 75.30       | 7.48  | 80.20       | 7.89  | 84.90       | 8.16  | 94.00       | 9.03  | 104.6       | 9.81  |
|        | 18                              | 36.10                        | 3.33  | 55.50       | 5.24  | 75.30       | 7.12  | 80.20       | 7.52  | 84.90       | 7.80  | 94.00       | 8.61  | 104.6       | 9.48  |
|        | 20                              | 36.10                        | 3.21  | 55.50       | 5.07  | 75.30       | 6.98  | 80.20       | 7.39  | 84.90       | 7.71  | 94.00       | 8.67  | 104.6       | 9.93  |
|        | 21                              | 40.90                        | 3.65  | 59.70       | 5.59  | 79.40       | 7.88  | 84.30       | 8.41  | 88.70       | 8.93  | 97.70       | 10.20 | 108.1       | 12.22 |
|        | 23                              | 50.40                        | 10.59 | 68.60       | 11.94 | 87.70       | 13.54 | 92.20       | 13.98 | 96.30       | 14.21 | 104.9       | 15.27 | 115.0       | 16.44 |
|        | 25                              | 60.30                        | 12.05 | 77.50       | 13.81 | 96.20       | 15.83 | 100.5       | 16.24 | 104.2       | 16.55 | 112.6       | 17.84 | 122.3       | 19.23 |
|        | 27                              | 70.30                        | 14.23 | 86.70       | 16.25 | 104.9       | 18.84 | 108.8       | 19.43 | 112.4       | 19.87 | 120.1       | 21.28 | 136.6       | 23.94 |
|        | 29                              | 80.60                        | 17.08 | 96.30       | 19.71 | 113.8       | 22.90 | 117.4       | 23.62 | 120.7       | 24.18 | 133.4       | 26.95 | 161.6       | 32.15 |
|        | 31                              | 91.10                        | 21.25 | 105.9       | 24.09 | 122.9       | 27.57 | 126.3       | 28.30 | 135.8       | 30.34 | 157.6       | 35.65 | 186.6       | 41.71 |
|        | 33                              | 102.1                        | 25.91 | 116.0       | 28.92 | 132.3       | 32.85 | 145.0       | 36.26 | 159.8       | 40.34 | 182.0       | 46.53 | 211.6       | 53.74 |
|        | 35                              | 113.2                        | 31.31 | 126.3       | 34.57 | 155.1       | 43.42 | 169.1       | 48.12 | 183.8       | 53.26 | 206.3       | 60.53 | 236.5       | 69.80 |
|        | 37                              | 113.2                        | 33.15 | 126.3       | 36.77 | 155.1       | 46.15 | 169.1       | 51.26 | 183.8       | 56.66 | 206.3       | 64.03 | 236.5       | 74.24 |
|        | 39                              | 113.2                        | 35.07 | 126.3       | 38.97 | 155.1       | 49.39 | 169.1       | 55.06 | 183.8       | 60.81 | 206.3       | 67.76 | 236.5       | 79.47 |
|        | 41                              | 113.2                        | 39.72 | 126.3       | 44.19 | 155.1       | 55.54 | 169.1       | 61.82 | 183.8       | 68.38 | 206.3       | 74.84 | 235.9       | 87.68 |
|        | 43                              | 113.2                        | 44.82 | 126.3       | 49.52 | 155.1       | 62.17 | 169.1       | 69.05 | 183.8       | 76.27 | 206.3       | 81.58 | 228.2       | 93.37 |
|        | 46                              | 110.5                        | 51.93 | 123.0       | 57.97 | 151.2       | 72.40 | 164.8       | 79.17 | 178.9       | 87.93 | 201.1       | 95.90 | 224.3       | 112.8 |
|        | 48                              | 100.3                        | 47.42 | 112.0       | 53.02 | 137.8       | 65.98 | 150.2       | 71.96 | 170.0       | 85.76 | 193.8       | 95.81 | 208.0       | 107.0 |
|        | 50                              | 90.30                        | 42.84 | 100.9       | 47.95 | 124.7       | 59.52 | 142.9       | 70.21 | 164.6       | 86.22 | 178.7       | 89.61 | 179.5       | 91.18 |
|        | 52                              | 80.10                        | 38.19 | 89.60       | 42.21 | 119.7       | 60.06 | 136.6       | 71.50 | 144.3       | 78.84 | 145.8       | 73.01 | 148.4       | 74.17 |
| 70     | 10                              | 31.50                        | 3.87  | 48.50       | 5.51  | 65.90       | 7.78  | 70.20       | 8.38  | 74.10       | 8.81  | 82.20       | 9.82  | 91.50       | 11.04 |
|        | 12                              | 31.50                        | 3.16  | 48.50       | 5.24  | 65.90       | 7.43  | 70.20       | 7.91  | 74.10       | 8.29  | 82.20       | 9.24  | 91.50       | 10.35 |
|        | 14                              | 31.50                        | 3.05  | 48.50       | 4.98  | 65.90       | 6.99  | 70.20       | 7.41  | 74.10       | 7.76  | 82.20       | 8.65  | 91.50       | 9.70  |
|        | 16                              | 31.50                        | 2.95  | 48.50       | 4.75  | 65.90       | 6.57  | 70.20       | 7.00  | 74.10       | 7.32  | 82.20       | 8.14  | 91.50       | 9.18  |
|        | 18                              | 31.50                        | 2.83  | 48.50       | 4.52  | 65.90       | 6.30  | 70.20       | 6.69  | 74.10       | 6.98  | 82.20       | 7.75  | 91.50       | 8.79  |
|        | 20                              | 31.50                        | 2.72  | 48.50       | 4.36  | 65.90       | 6.09  | 70.20       | 6.52  | 74.10       | 6.83  | 82.20       | 7.64  | 91.50       | 8.89  |
|        | 21                              | 35.80                        | 3.08  | 52.30       | 4.76  | 69.40       | 6.73  | 73.60       | 7.21  | 77.50       | 7.61  | 85.40       | 8.58  | 94.60       | 10.42 |
|        | 23                              | 44.20                        | 8.82  | 60.00       | 11.19 | 76.80       | 12.45 | 80.60       | 12.85 | 84.20       | 13.10 | 91.80       | 14.30 | 100.6       | 15.74 |
|        | 25                              | 52.70                        | 10.91 | 68.10       | 12.52 | 84.20       | 14.34 | 87.80       | 14.81 | 91.20       | 15.04 | 98.20       | 16.35 | 106.9       | 17.69 |
|        | 27                              | 61.50                        | 12.69 | 76.20       | 14.64 | 91.80       | 16.72 | 95.30       | 17.17 | 98.10       | 17.70 | 104.9       | 19.24 | 119.7       | 21.76 |
|        | 29                              | 70.60                        | 15.16 | 84.40       | 17.27 | 99.60       | 20.10 | 102.7       | 20.70 | 105.6       | 21.21 | 116.6       | 23.92 | 141.4       | 29.29 |
|        | 31                              | 79.80                        | 18.49 | 93.00       | 21.25 | 107.5       | 24.22 | 110.3       | 24.87 | 118.8       | 26.56 | 137.9       | 31.50 | 163.4       | 37.83 |
|        | 33                              | 89.30                        | 22.58 | 101.7       | 25.21 | 115.8       | 28.57 | 126.8       | 31.28 | 139.8       | 34.64 | 159.1       | 40.79 | 185.1       | 48.71 |
|        | 35                              | 99.20                        | 27.19 | 110.7       | 30.09 | 135.7       | 37.10 | 147.8       | 40.87 | 160.6       | 45.03 | 180.2       | 52.65 | 207.0       | 62.20 |
|        | 37                              | 99.20                        | 28.89 | 110.7       | 31.86 | 135.7       | 39.44 | 147.8       | 43.54 | 160.6       | 48.00 | 180.2       | 56.12 | 207.0       | 65.81 |
|        | 39                              | 99.20                        | 30.68 | 110.7       | 33.98 | 135.7       | 42.21 | 147.8       | 46.81 | 160.6       | 51.75 | 180.2       | 60.06 | 207.0       | 70.81 |
|        | 41                              | 99.20                        | 34.73 | 110.7       | 38.17 | 135.7       | 47.45 | 147.8       | 52.62 | 160.6       | 57.75 | 180.2       | 67.59 | 207.0       | 78.50 |
|        | 43                              | 99.20                        | 38.82 | 110.7       | 42.71 | 135.7       | 53.12 | 147.8       | 58.85 | 160.6       | 64.62 | 180.2       | 75.68 | 207.0       | 87.13 |
|        | 46                              | 96.60                        | 44.90 | 107.9       | 49.90 | 132.4       | 62.11 | 144.3       | 68.11 | 156.7       | 75.16 | 175.6       | 87.76 | 201.7       | 99.67 |
|        | 48                              | 87.90                        | 41.05 | 98.30       | 45.67 | 120.5       | 56.84 | 131.4       | 62.28 | 142.7       | 68.55 | 159.9       | 79.71 | 187.4       | 92.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                         | 79.10                        | 37.10 | 88.40       | 41.34 | 108.8       | 51.44 | 118.6       | 55.97 | 130.4       | 62.75 | 152.7       | 78.40 | 180.9       | 92.12 |
|        | 52                         | 70.30                        | 33.11 | 78.60       | 36.92 | 96.80       | 45.15 | 109.7       | 52.65 | 125.5       | 64.14 | 141.9       | 77.26 | 153.1       | 78.22 |
| 60     | 10                         | 27.10                        | 3.52  | 41.50       | 4.90  | 56.50       | 6.49  | 60.10       | 7.06  | 63.60       | 7.50  | 70.60       | 8.49  | 78.50       | 9.65  |
|        | 12                         | 27.10                        | 2.58  | 41.50       | 4.24  | 56.50       | 6.18  | 60.10       | 6.71  | 63.60       | 7.13  | 70.60       | 8.02  | 78.50       | 9.11  |
|        | 14                         | 27.10                        | 2.49  | 41.50       | 4.09  | 56.50       | 5.89  | 60.10       | 6.34  | 63.60       | 6.71  | 70.60       | 7.54  | 78.50       | 8.54  |
|        | 16                         | 27.10                        | 2.43  | 41.50       | 3.94  | 56.50       | 5.57  | 60.10       | 5.99  | 63.60       | 6.35  | 70.60       | 7.10  | 78.50       | 8.04  |
|        | 18                         | 27.10                        | 2.36  | 41.50       | 3.78  | 56.50       | 5.31  | 60.10       | 5.71  | 63.60       | 6.04  | 70.60       | 6.75  | 78.50       | 7.69  |
|        | 20                         | 27.10                        | 2.26  | 41.50       | 3.64  | 56.50       | 5.15  | 60.10       | 5.54  | 63.60       | 5.85  | 70.60       | 6.57  | 78.50       | 7.58  |
|        | 21                         | 30.50                        | 2.55  | 44.80       | 3.92  | 59.60       | 5.62  | 63.10       | 6.02  | 66.50       | 6.38  | 73.30       | 7.17  | 81.20       | 8.49  |
|        | 23                         | 37.80                        | 6.08  | 51.40       | 9.03  | 65.90       | 11.44 | 69.10       | 11.76 | 72.20       | 11.94 | 78.70       | 12.97 | 86.40       | 14.54 |
|        | 25                         | 45.90                        | 10.08 | 58.20       | 11.23 | 72.20       | 12.76 | 75.30       | 13.20 | 78.10       | 13.50 | 84.40       | 14.67 | 91.80       | 16.40 |
|        | 27                         | 52.70                        | 11.27 | 65.10       | 12.85 | 78.60       | 14.71 | 81.50       | 15.17 | 84.20       | 15.49 | 90.00       | 16.75 | 102.5       | 19.63 |
|        | 29                         | 60.40                        | 13.25 | 72.20       | 15.06 | 85.40       | 17.30 | 88.10       | 17.89 | 90.30       | 18.40 | 100.0       | 20.58 | 121.3       | 25.85 |
|        | 31                         | 68.40                        | 15.85 | 79.60       | 18.12 | 92.20       | 20.89 | 94.60       | 21.50 | 101.9       | 22.91 | 118.3       | 26.87 | 140.0       | 33.17 |
|        | 33                         | 76.60                        | 19.29 | 87.00       | 21.62 | 99.30       | 24.52 | 108.8       | 26.76 | 119.7       | 29.40 | 136.5       | 34.18 | 158.8       | 42.10 |
|        | 35                         | 85.00                        | 23.15 | 94.70       | 25.68 | 116.4       | 31.32 | 126.8       | 34.27 | 137.6       | 37.48 | 154.6       | 43.46 | 177.5       | 53.15 |
|        | 37                         | 85.00                        | 24.46 | 94.70       | 27.13 | 116.4       | 33.21 | 126.8       | 36.46 | 137.6       | 39.84 | 154.6       | 46.19 | 177.5       | 56.59 |
|        | 39                         | 85.00                        | 26.03 | 94.70       | 28.89 | 116.4       | 35.78 | 126.8       | 39.08 | 137.6       | 42.83 | 154.6       | 49.55 | 177.5       | 60.66 |
|        | 41                         | 85.00                        | 28.99 | 94.70       | 32.40 | 116.4       | 39.87 | 126.8       | 43.82 | 137.6       | 47.76 | 154.6       | 55.75 | 177.5       | 67.74 |
|        | 43                         | 85.00                        | 32.36 | 94.70       | 36.23 | 116.4       | 44.62 | 126.8       | 49.00 | 137.6       | 53.41 | 154.6       | 62.46 | 177.5       | 75.92 |
|        | 46                         | 82.90                        | 37.76 | 92.40       | 42.32 | 113.5       | 52.12 | 123.6       | 57.20 | 134.1       | 62.37 | 150.8       | 73.00 | 173.0       | 89.61 |
|        | 48                         | 75.10                        | 34.60 | 83.90       | 38.74 | 103.3       | 47.78 | 112.6       | 52.35 | 122.2       | 57.08 | 137.2       | 66.66 | 157.2       | 81.42 |
|        | 50                         | 67.70                        | 31.35 | 75.50       | 35.12 | 93.30       | 43.29 | 101.7       | 47.42 | 110.2       | 51.72 | 123.7       | 59.89 | 141.5       | 72.95 |
|        | 52                         | 60.10                        | 28.04 | 67.30       | 31.41 | 83.00       | 38.74 | 90.60       | 41.79 | 98.50       | 45.42 | 113.1       | 55.37 | 133.6       | 71.49 |
| 50     | 10                         | 22.70                        | 3.49  | 34.70       | 4.40  | 47.10       | 5.53  | 50.20       | 5.69  | 53.00       | 6.02  | 58.70       | 6.84  | 65.40       | 7.83  |
|        | 12                         | 22.70                        | 2.43  | 34.70       | 3.31  | 47.10       | 4.85  | 50.20       | 5.34  | 53.00       | 5.77  | 58.70       | 6.55  | 65.40       | 7.48  |
|        | 14                         | 22.70                        | 2.19  | 34.70       | 3.21  | 47.10       | 4.67  | 50.20       | 5.10  | 53.00       | 5.47  | 58.70       | 6.18  | 65.40       | 7.06  |
|        | 16                         | 22.70                        | 2.15  | 34.70       | 3.12  | 47.10       | 4.48  | 50.20       | 4.87  | 53.00       | 5.19  | 58.70       | 5.88  | 65.40       | 6.68  |
|        | 18                         | 22.70                        | 2.07  | 34.70       | 2.99  | 47.10       | 4.29  | 50.20       | 4.66  | 53.00       | 4.95  | 58.70       | 5.59  | 65.40       | 6.37  |
|        | 20                         | 22.70                        | 2.00  | 34.70       | 2.90  | 47.10       | 4.16  | 50.20       | 4.50  | 53.00       | 4.81  | 58.70       | 5.42  | 65.40       | 6.23  |
|        | 21                         | 25.60                        | 2.08  | 37.40       | 3.12  | 49.80       | 4.45  | 52.60       | 4.81  | 55.30       | 5.12  | 61.00       | 5.76  | 67.60       | 6.76  |
|        | 23                         | 31.50                        | 4.14  | 43.00       | 5.98  | 54.70       | 10.21 | 57.70       | 10.65 | 60.10       | 10.86 | 65.40       | 11.65 | 72.00       | 12.83 |
|        | 25                         | 43.70                        | 9.86  | 48.60       | 10.01 | 60.20       | 11.25 | 62.60       | 11.56 | 65.00       | 11.86 | 70.20       | 12.85 | 76.40       | 14.36 |
|        | 27                         | 44.30                        | 10.08 | 54.40       | 11.13 | 65.60       | 12.76 | 67.90       | 13.15 | 70.00       | 13.45 | 75.00       | 14.58 | 85.60       | 16.83 |
|        | 29                         | 50.50                        | 11.57 | 60.40       | 12.92 | 71.10       | 14.70 | 73.40       | 15.15 | 75.20       | 15.51 | 83.30       | 17.32 | 101.1       | 21.37 |
|        | 31                         | 57.10                        | 13.54 | 66.50       | 15.14 | 76.80       | 17.49 | 78.80       | 18.04 | 84.70       | 19.35 | 98.40       | 22.54 | 116.8       | 27.39 |
|        | 33                         | 63.90                        | 16.32 | 72.90       | 18.14 | 82.80       | 20.58 | 90.60       | 22.36 | 99.70       | 24.51 | 113.5       | 28.20 | 132.3       | 34.11 |
|        | 35                         | 71.00                        | 19.47 | 79.20       | 21.28 | 97.10       | 25.96 | 105.7       | 28.27 | 114.6       | 30.63 | 128.7       | 35.03 | 147.9       | 42.37 |
|        | 37                         | 71.00                        | 20.64 | 79.20       | 22.54 | 97.10       | 27.48 | 105.7       | 29.95 | 114.6       | 32.47 | 128.7       | 37.37 | 147.9       | 45.04 |
|        | 39                         | 71.00                        | 21.93 | 79.20       | 24.06 | 97.10       | 29.42 | 105.7       | 32.18 | 114.6       | 34.82 | 128.7       | 39.86 | 147.9       | 48.56 |
|        | 41                         | 71.00                        | 24.27 | 79.20       | 26.71 | 97.10       | 32.98 | 105.7       | 35.78 | 114.6       | 38.73 | 128.7       | 44.80 | 147.9       | 54.21 |
|        | 43                         | 71.00                        | 26.98 | 79.20       | 29.79 | 97.10       | 36.81 | 105.7       | 39.98 | 114.6       | 43.29 | 128.7       | 50.15 | 147.9       | 60.71 |
|        | 46                         | 69.20                        | 31.21 | 77.30       | 34.77 | 94.70       | 42.90 | 103.1       | 46.64 | 111.5       | 50.46 | 125.5       | 58.61 | 144.2       | 71.01 |
|        | 48                         | 62.80                        | 28.48 | 70.10       | 31.90 | 86.30       | 39.30 | 94.00       | 42.76 | 101.6       | 46.24 | 114.2       | 53.61 | 131.0       | 64.78 |
|        | 50                         | 56.40                        | 25.79 | 63.10       | 29.02 | 77.80       | 35.65 | 84.70       | 38.76 | 91.70       | 41.93 | 102.8       | 48.50 | 118.0       | 58.41 |
|        | 52                         | 50.30                        | 23.05 | 56.30       | 26.10 | 69.30       | 31.93 | 75.70       | 34.74 | 81.70       | 37.57 | 91.70       | 42.77 | 105.0       | 51.27 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM920LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                              | 69.40                        | 7.72  | 105.2       | 10.78 | 130.6       | 12.14 | 133.4       | 11.30 | 135.2       | 10.38 | 142.2       | 9.98  | 148.0       | 9.94  |
|        | 12                              | 69.40                        | 7.26  | 105.2       | 10.14 | 130.6       | 11.54 | 133.4       | 10.66 | 135.2       | 9.88  | 142.2       | 9.56  | 148.0       | 9.68  |
|        | 14                              | 69.40                        | 6.84  | 105.2       | 9.56  | 130.6       | 10.98 | 133.4       | 10.20 | 135.2       | 9.56  | 142.2       | 9.34  | 148.0       | 9.52  |
|        | 16                              | 69.40                        | 6.50  | 105.2       | 9.04  | 130.6       | 10.64 | 133.4       | 10.00 | 135.2       | 9.48  | 142.2       | 9.34  | 148.0       | 9.62  |
|        | 18                              | 69.40                        | 6.22  | 105.2       | 8.86  | 130.6       | 10.52 | 133.4       | 10.12 | 135.2       | 9.74  | 142.2       | 9.76  | 148.0       | 10.36 |
|        | 20                              | 69.40                        | 6.04  | 105.2       | 8.98  | 130.6       | 11.10 | 133.4       | 11.42 | 135.2       | 11.34 | 142.2       | 11.94 | 148.0       | 13.40 |
|        | 21                              | 78.60                        | 7.22  | 113.4       | 10.88 | 137.6       | 14.40 | 140.0       | 15.40 | 141.4       | 14.92 | 147.6       | 15.14 | 152.8       | 15.76 |
|        | 23                              | 97.00                        | 15.86 | 130.2       | 17.42 | 151.8       | 18.06 | 153.2       | 20.00 | 153.6       | 19.70 | 158.6       | 20.02 | 162.8       | 20.80 |
|        | 25                              | 116.0                        | 19.18 | 147.2       | 21.20 | 166.6       | 22.88 | 166.8       | 26.70 | 166.4       | 26.50 | 169.8       | 26.72 | 172.8       | 27.66 |
|        | 27                              | 135.4                        | 23.96 | 164.8       | 26.94 | 181.6       | 29.60 | 180.8       | 35.94 | 179.2       | 35.44 | 181.4       | 35.44 | 193.2       | 39.10 |
|        | 29                              | 155.2                        | 30.78 | 183.0       | 34.36 | 197.0       | 37.92 | 195.0       | 46.78 | 192.4       | 45.92 | 201.4       | 47.86 | 229.8       | 58.14 |
|        | 31                              | 175.6                        | 38.90 | 201.6       | 42.20 | 213.0       | 47.58 | 209.6       | 54.90 | 216.6       | 57.50 | 236.6       | 64.26 | 265.8       | 77.46 |
|        | 33                              | 196.6                        | 48.80 | 220.4       | 52.98 | 229.2       | 60.02 | 240.8       | 70.40 | 254.6       | 76.94 | 271.2       | 84.02 | 307.4       | 101.6 |
|        | 35                              | 218.0                        | 61.38 | 240.0       | 65.72 | 268.8       | 87.38 | 279.8       | 93.28 | 291.0       | 100.1 | 322.0       | 111.6 | 362.8       | 127.3 |
|        | 37                              | 218.0                        | 65.50 | 240.0       | 69.90 | 267.0       | 87.38 | 276.2       | 92.98 | 307.0       | 107.2 | 340.4       | 119.4 | 362.0       | 126.9 |
|        | 39                              | 218.0                        | 69.80 | 240.0       | 74.78 | 263.2       | 87.04 | 293.0       | 100.5 | 325.8       | 115.9 | 350.6       | 123.6 | 357.0       | 124.9 |
|        | 41                              | 218.0                        | 76.76 | 233.0       | 80.06 | 273.0       | 95.54 | 303.6       | 110.9 | 327.2       | 120.7 | 336.6       | 121.8 | 341.8       | 123.5 |
|        | 43                              | 218.0                        | 83.84 | 223.2       | 79.24 | 285.0       | 107.0 | 307.8       | 118.6 | 313.8       | 119.3 | 323.4       | 120.2 | 328.6       | 122.6 |
|        | 46                              | 211.0                        | 93.96 | 224.2       | 90.68 | 277.0       | 116.7 | 281.2       | 117.2 | 287.6       | 118.1 | 296.0       | 118.9 | 300.6       | 121.0 |
|        | 48                              | 186.6                        | 92.06 | 213.8       | 102.5 | 240.8       | 114.9 | 244.8       | 115.3 | 250.2       | 116.4 | 257.8       | 117.0 | 261.6       | 118.9 |
|        | 50                              | 171.2                        | 96.78 | 197.4       | 113.4 | 204.4       | 113.2 | 208.4       | 113.4 | 212.4       | 114.5 | 220.2       | 115.2 | 222.6       | 116.5 |
|        | 52                              | 162.2                        | 111.6 | 159.0       | 112.8 | 167.2       | 112.7 | 170.2       | 112.4 | 174.2       | 114.1 | 180.6       | 114.3 | 184.0       | 116.0 |
| 120    | 10                              | 62.80                        | 7.02  | 95.00       | 10.20 | 120.2       | 12.16 | 123.0       | 12.14 | 125.0       | 11.14 | 132.0       | 10.48 | 137.6       | 10.42 |
|        | 12                              | 62.80                        | 6.64  | 95.00       | 9.58  | 120.2       | 11.50 | 123.0       | 11.30 | 125.0       | 10.58 | 132.0       | 10.14 | 137.6       | 10.14 |
|        | 14                              | 62.80                        | 6.32  | 95.00       | 9.04  | 120.2       | 10.96 | 123.0       | 10.78 | 125.0       | 10.12 | 132.0       | 9.80  | 137.6       | 9.90  |
|        | 16                              | 62.80                        | 6.00  | 95.00       | 8.60  | 120.2       | 10.50 | 123.0       | 10.34 | 125.0       | 9.90  | 132.0       | 9.60  | 137.6       | 9.86  |
|        | 18                              | 62.80                        | 5.72  | 95.00       | 8.28  | 120.2       | 10.24 | 123.0       | 10.28 | 125.0       | 9.94  | 132.0       | 9.78  | 137.6       | 10.22 |
|        | 20                              | 62.80                        | 5.54  | 95.00       | 8.30  | 120.2       | 10.66 | 123.0       | 10.84 | 125.0       | 10.68 | 132.0       | 10.82 | 137.6       | 11.98 |
|        | 21                              | 71.00                        | 6.56  | 102.4       | 9.88  | 126.8       | 13.52 | 129.2       | 14.04 | 130.6       | 14.00 | 137.0       | 13.92 | 141.8       | 14.36 |
|        | 23                              | 87.80                        | 15.14 | 117.6       | 16.94 | 139.8       | 18.00 | 141.4       | 17.80 | 142.2       | 17.54 | 147.2       | 17.22 | 151.0       | 17.76 |
|        | 25                              | 105.0                        | 18.16 | 133.0       | 20.44 | 153.6       | 22.20 | 153.8       | 22.22 | 153.8       | 22.14 | 157.8       | 21.94 | 160.6       | 22.56 |
|        | 27                              | 122.4                        | 22.18 | 149.0       | 25.62 | 167.4       | 27.90 | 166.8       | 28.14 | 165.6       | 28.32 | 168.6       | 28.28 | 179.4       | 30.94 |
|        | 29                              | 140.4                        | 28.24 | 165.2       | 32.48 | 181.6       | 34.22 | 179.8       | 35.06 | 178.0       | 35.62 | 187.0       | 37.38 | 212.4       | 44.62 |
|        | 31                              | 158.8                        | 35.54 | 181.8       | 40.08 | 196.2       | 41.34 | 193.6       | 43.74 | 200.4       | 47.62 | 221.2       | 53.88 | 245.2       | 63.50 |
|        | 33                              | 177.8                        | 44.22 | 199.0       | 49.46 | 211.0       | 50.88 | 222.0       | 60.84 | 235.8       | 68.68 | 255.4       | 75.98 | 277.8       | 88.36 |
|        | 35                              | 197.2                        | 55.10 | 216.6       | 61.06 | 247.6       | 71.42 | 259.2       | 89.56 | 270.8       | 96.02 | 289.0       | 103.5 | 321.2       | 118.5 |
|        | 37                              | 197.2                        | 59.30 | 216.6       | 64.46 | 247.6       | 77.46 | 259.2       | 89.50 | 271.6       | 96.52 | 301.8       | 108.7 | 339.8       | 125.8 |
|        | 39                              | 197.2                        | 63.90 | 216.6       | 68.34 | 247.6       | 83.72 | 259.4       | 89.72 | 288.6       | 104.2 | 321.4       | 116.7 | 341.8       | 125.8 |
|        | 41                              | 197.2                        | 70.98 | 216.6       | 75.94 | 243.0       | 84.96 | 269.8       | 97.98 | 300.2       | 114.0 | 322.4       | 121.4 | 327.6       | 123.7 |
|        | 43                              | 197.2                        | 78.50 | 215.0       | 78.08 | 253.4       | 94.06 | 281.8       | 108.9 | 300.8       | 118.8 | 309.0       | 118.9 | 314.6       | 121.6 |
|        | 46                              | 190.8                        | 88.50 | 199.2       | 78.68 | 264.8       | 112.9 | 270.8       | 115.4 | 275.0       | 115.9 | 283.0       | 116.2 | 288.0       | 118.7 |
|        | 48                              | 169.0                        | 87.50 | 190.2       | 89.22 | 232.0       | 113.5 | 235.2       | 114.0 | 239.2       | 114.6 | 246.6       | 115.2 | 250.4       | 116.7 |
|        | 50                              | 146.8                        | 86.44 | 177.4       | 101.0 | 197.2       | 112.6 | 200.6       | 113.2 | 204.0       | 113.7 | 210.4       | 114.1 | 213.4       | 115.0 |
|        | 52                              | 135.8                        | 95.92 | 153.0       | 110.0 | 160.2       | 112.6 | 163.0       | 112.8 | 166.0       | 112.9 | 171.4       | 113.5 | 176.0       | 114.6 |
| 110    | 10                              | 56.40                        | 6.32  | 85.40       | 9.46  | 110.4       | 11.68 | 112.8       | 11.84 | 118.4       | 11.64 | 121.2       | 11.20 | 131.6       | 11.06 |
|        | 12                              | 56.40                        | 6.02  | 85.40       | 8.92  | 110.4       | 11.06 | 112.8       | 11.06 | 118.4       | 11.02 | 121.2       | 10.68 | 131.6       | 10.70 |
|        | 14                              | 56.40                        | 5.74  | 85.40       | 8.50  | 110.4       | 10.56 | 112.8       | 10.62 | 118.4       | 10.62 | 121.2       | 10.28 | 131.6       | 10.36 |
|        | 16                              | 56.40                        | 5.46  | 85.40       | 8.06  | 110.4       | 10.08 | 112.8       | 10.20 | 118.4       | 10.26 | 121.2       | 9.98  | 131.6       | 10.14 |
|        | 18                              | 56.40                        | 5.22  | 85.40       | 7.74  | 110.4       | 9.94  | 112.8       | 10.06 | 118.4       | 10.20 | 121.2       | 9.94  | 131.6       | 10.30 |
|        | 20                              | 56.40                        | 5.04  | 85.40       | 7.62  | 110.4       | 10.26 | 112.8       | 10.36 | 118.4       | 10.68 | 121.2       | 10.62 | 131.6       | 11.46 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 63.80                        | 5.88  | 92.00       | 8.88  | 116.4       | 12.58 | 118.4       | 12.92 | 123.8       | 13.58 | 125.8       | 13.72 | 135.8       | 14.30 |
|        | 23                               | 78.60                        | 14.32 | 105.6       | 16.14 | 128.4       | 17.50 | 129.6       | 17.12 | 134.4       | 17.34 | 135.4       | 16.88 | 144.6       | 17.26 |
|        | 25                               | 94.00                        | 17.00 | 119.6       | 19.10 | 141.0       | 21.14 | 141.0       | 20.90 | 145.6       | 21.20 | 145.0       | 20.48 | 153.8       | 21.32 |
|        | 27                               | 109.8                        | 20.56 | 133.8       | 23.48 | 153.8       | 26.10 | 152.8       | 25.82 | 156.8       | 25.92 | 154.8       | 25.12 | 171.8       | 28.30 |
|        | 29                               | 126.0                        | 25.78 | 148.4       | 29.52 | 166.8       | 32.20 | 164.8       | 31.72 | 168.4       | 31.72 | 172.0       | 31.90 | 203.2       | 39.54 |
|        | 31                               | 142.6                        | 32.30 | 163.4       | 36.26 | 180.2       | 38.80 | 177.4       | 38.20 | 189.6       | 41.10 | 203.4       | 44.54 | 234.6       | 54.36 |
|        | 33                               | 159.4                        | 39.90 | 178.8       | 44.40 | 194.0       | 46.84 | 203.6       | 50.30 | 223.0       | 57.30 | 234.6       | 61.42 | 265.8       | 73.48 |
|        | 35                               | 176.8                        | 49.32 | 194.8       | 54.58 | 227.4       | 63.52 | 237.6       | 68.80 | 256.4       | 79.02 | 266.0       | 83.36 | 296.8       | 97.56 |
|        | 37                               | 176.8                        | 52.28 | 194.8       | 57.98 | 227.4       | 66.98 | 237.6       | 74.14 | 256.4       | 85.40 | 266.0       | 89.18 | 297.2       | 104.4 |
|        | 39                               | 176.8                        | 56.42 | 194.8       | 61.66 | 227.4       | 71.78 | 237.6       | 80.88 | 256.4       | 91.42 | 279.4       | 101.3 | 316.6       | 119.6 |
|        | 41                               | 176.8                        | 62.76 | 194.8       | 67.66 | 227.4       | 79.48 | 237.6       | 92.20 | 263.4       | 105.2 | 292.4       | 119.7 | 313.0       | 131.8 |
|        | 43                               | 176.8                        | 68.30 | 194.8       | 72.92 | 222.4       | 86.94 | 247.2       | 99.70 | 274.8       | 114.4 | 296.2       | 123.7 | 300.2       | 125.9 |
|        | 46                               | 171.0                        | 69.96 | 188.6       | 73.60 | 231.6       | 101.7 | 258.0       | 115.9 | 262.8       | 117.9 | 270.8       | 118.4 | 274.4       | 120.4 |
|        | 48                               | 151.4                        | 68.66 | 167.4       | 73.56 | 220.4       | 111.7 | 225.4       | 113.2 | 228.4       | 113.8 | 235.4       | 114.1 | 239.0       | 116.0 |
|        | 50                               | 131.6                        | 67.28 | 156.8       | 81.48 | 188.2       | 108.0 | 191.6       | 109.5 | 194.6       | 109.9 | 200.4       | 109.6 | 203.2       | 111.4 |
|        | 52                               | 111.6                        | 65.86 | 143.8       | 93.46 | 152.0       | 104.2 | 155.6       | 106.7 | 157.8       | 106.2 | 163.2       | 105.7 | 167.0       | 107.9 |
| 100    | 10                               | 47.40                        | 5.60  | 71.60       | 8.68  | 96.60       | 11.14 | 102.6       | 11.44 | 107.8       | 11.40 | 119.6       | 12.02 | 124.2       | 11.84 |
|        | 12                               | 47.40                        | 5.36  | 71.60       | 8.28  | 96.60       | 10.48 | 102.6       | 10.66 | 107.8       | 10.72 | 119.6       | 11.52 | 124.2       | 11.44 |
|        | 14                               | 47.40                        | 5.16  | 71.60       | 7.90  | 96.60       | 9.96  | 102.6       | 10.14 | 107.8       | 10.20 | 119.6       | 11.14 | 124.2       | 11.08 |
|        | 16                               | 47.40                        | 4.92  | 71.60       | 7.48  | 96.60       | 9.52  | 102.6       | 9.76  | 107.8       | 9.88  | 119.6       | 10.78 | 124.2       | 10.84 |
|        | 18                               | 47.40                        | 4.68  | 71.60       | 7.14  | 96.60       | 9.18  | 102.6       | 9.52  | 107.8       | 9.80  | 119.6       | 10.72 | 124.2       | 10.84 |
|        | 20                               | 47.40                        | 4.54  | 71.60       | 6.96  | 96.60       | 9.32  | 102.6       | 9.88  | 107.8       | 10.26 | 119.6       | 11.12 | 124.2       | 11.60 |
|        | 21                               | 53.60                        | 5.24  | 77.40       | 7.90  | 101.8       | 11.20 | 107.6       | 12.00 | 112.6       | 12.70 | 124.2       | 13.72 | 128.2       | 14.98 |
|        | 23                               | 66.20                        | 13.52 | 88.60       | 15.26 | 112.4       | 16.98 | 117.8       | 17.28 | 122.4       | 17.42 | 133.4       | 17.60 | 136.6       | 17.54 |
|        | 25                               | 79.00                        | 15.82 | 100.4       | 17.84 | 123.4       | 20.12 | 128.4       | 20.80 | 132.4       | 21.18 | 143.0       | 20.86 | 145.0       | 20.98 |
|        | 27                               | 92.40                        | 18.96 | 112.4       | 21.40 | 134.4       | 24.88 | 139.0       | 25.68 | 142.8       | 26.02 | 152.8       | 25.60 | 162.2       | 27.18 |
|        | 29                               | 105.8                        | 23.24 | 124.6       | 26.64 | 146.0       | 30.92 | 150.0       | 31.78 | 153.4       | 31.76 | 169.6       | 32.48 | 191.8       | 37.40 |
|        | 31                               | 119.6                        | 29.22 | 137.2       | 32.68 | 157.6       | 37.36 | 161.4       | 38.32 | 172.6       | 39.88 | 200.6       | 43.92 | 221.6       | 50.12 |
|        | 33                               | 134.0                        | 35.62 | 150.2       | 39.70 | 169.6       | 45.26 | 185.2       | 50.30 | 203.2       | 53.00 | 231.6       | 58.80 | 251.2       | 66.32 |
|        | 35                               | 148.8                        | 43.72 | 163.4       | 48.32 | 198.8       | 61.26 | 216.2       | 68.46 | 233.4       | 70.42 | 261.0       | 77.52 | 280.2       | 87.38 |
|        | 37                               | 148.8                        | 46.84 | 163.4       | 51.88 | 198.8       | 64.92 | 216.2       | 71.68 | 233.4       | 74.98 | 256.4       | 81.34 | 274.6       | 92.32 |
|        | 39                               | 148.8                        | 50.24 | 163.4       | 55.76 | 198.8       | 68.72 | 216.2       | 75.00 | 233.4       | 80.12 | 252.2       | 85.70 | 270.6       | 97.68 |
|        | 41                               | 148.8                        | 55.06 | 163.4       | 61.24 | 198.8       | 74.38 | 216.2       | 82.30 | 233.4       | 87.54 | 250.6       | 94.58 | 283.8       | 113.6 |
|        | 43                               | 148.8                        | 61.00 | 163.4       | 67.94 | 198.8       | 81.24 | 216.2       | 89.54 | 234.2       | 99.12 | 260.6       | 111.4 | 282.2       | 126.6 |
|        | 46                               | 143.8                        | 68.92 | 158.2       | 76.74 | 199.6       | 94.66 | 220.4       | 112.2 | 244.4       | 128.6 | 254.4       | 130.7 | 258.2       | 133.7 |
|        | 48                               | 127.2                        | 60.16 | 140.0       | 66.98 | 189.4       | 93.50 | 210.4       | 110.1 | 214.4       | 111.9 | 221.2       | 112.2 | 224.4       | 114.3 |
|        | 50                               | 110.8                        | 51.22 | 124.6       | 58.78 | 174.6       | 89.14 | 180.0       | 92.74 | 181.6       | 92.92 | 188.0       | 93.18 | 190.6       | 94.62 |
|        | 52                               | 94.00                        | 42.02 | 118.0       | 56.70 | 140.0       | 72.76 | 145.4       | 73.84 | 147.4       | 74.26 | 152.8       | 74.32 | 156.2       | 75.34 |
| 90     | 10                               | 42.60                        | 5.04  | 64.80       | 8.04  | 87.00       | 10.68 | 92.40       | 11.12 | 97.00       | 11.30 | 108.8       | 12.14 | 123.0       | 13.14 |
|        | 12                               | 42.60                        | 4.80  | 64.80       | 7.56  | 87.00       | 9.94  | 92.40       | 10.32 | 97.00       | 10.52 | 108.8       | 11.26 | 123.0       | 12.34 |
|        | 14                               | 42.60                        | 4.56  | 64.80       | 7.10  | 87.00       | 9.28  | 92.40       | 9.62  | 97.00       | 9.74  | 108.8       | 10.46 | 123.0       | 11.52 |
|        | 16                               | 42.60                        | 4.36  | 64.80       | 6.68  | 87.00       | 8.68  | 92.40       | 8.96  | 97.00       | 9.10  | 108.8       | 9.78  | 123.0       | 10.82 |
|        | 18                               | 42.60                        | 4.12  | 64.80       | 6.28  | 87.00       | 8.18  | 92.40       | 8.50  | 97.00       | 8.64  | 108.8       | 9.32  | 123.0       | 10.68 |
|        | 20                               | 42.60                        | 3.94  | 64.80       | 5.98  | 87.00       | 7.92  | 92.40       | 8.30  | 97.00       | 8.64  | 108.8       | 9.70  | 123.0       | 11.16 |
|        | 21                               | 48.20                        | 4.48  | 69.80       | 6.62  | 91.60       | 9.12  | 96.80       | 9.78  | 101.2       | 10.32 | 113.0       | 11.50 | 126.8       | 14.16 |
|        | 23                               | 59.40                        | 11.96 | 80.00       | 13.30 | 101.2       | 14.84 | 106.0       | 15.18 | 110.0       | 15.24 | 121.6       | 15.96 | 135.2       | 17.64 |
|        | 25                               | 71.00                        | 13.68 | 90.60       | 15.42 | 111.0       | 17.30 | 115.4       | 17.74 | 119.2       | 18.02 | 130.2       | 19.02 | 143.6       | 20.86 |
|        | 27                               | 82.80                        | 16.24 | 101.4       | 18.18 | 121.0       | 20.86 | 125.0       | 21.54 | 128.4       | 22.00 | 139.2       | 22.96 | 160.6       | 26.56 |
|        | 29                               | 95.20                        | 19.44 | 112.4       | 22.24 | 131.2       | 25.76 | 135.0       | 26.54 | 138.0       | 27.04 | 154.4       | 29.00 | 189.8       | 36.10 |
|        | 31                               | 107.6                        | 24.26 | 123.8       | 27.26 | 141.8       | 31.00 | 145.2       | 31.76 | 155.4       | 34.14 | 182.6       | 38.36 | 219.2       | 47.54 |
|        | 33                               | 120.4                        | 29.58 | 135.4       | 32.82 | 152.6       | 37.28 | 166.6       | 41.20 | 182.6       | 45.78 | 210.8       | 50.28 | 247.0       | 61.62 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 133.8                        | 35.90 | 147.4       | 39.54 | 179.0       | 49.80 | 194.4       | 55.42 | 209.8       | 60.74 | 238.8       | 66.90 | 271.8       | 79.84 |
|        | 37                              | 133.8                        | 38.08 | 147.4       | 42.08 | 179.0       | 53.12 | 194.4       | 58.90 | 209.8       | 64.10 | 238.8       | 70.98 | 267.4       | 83.56 |
|        | 39                              | 133.8                        | 40.36 | 147.4       | 44.80 | 179.0       | 56.26 | 194.4       | 62.68 | 209.8       | 67.30 | 238.8       | 75.88 | 263.4       | 87.46 |
|        | 41                              | 133.8                        | 46.80 | 147.4       | 51.52 | 179.0       | 63.96 | 194.4       | 70.94 | 209.8       | 75.06 | 236.8       | 83.36 | 252.2       | 94.24 |
|        | 43                              | 133.8                        | 52.38 | 147.4       | 57.72 | 179.0       | 72.30 | 194.4       | 78.92 | 209.8       | 82.96 | 229.4       | 91.52 | 256.0       | 109.3 |
|        | 46                              | 129.4                        | 61.94 | 142.8       | 69.04 | 173.4       | 86.06 | 189.0       | 93.84 | 214.0       | 108.9 | 239.4       | 123.5 | 250.4       | 133.6 |
|        | 48                              | 114.2                        | 54.76 | 126.2       | 61.00 | 157.0       | 78.22 | 183.6       | 94.42 | 204.0       | 108.5 | 216.2       | 112.2 | 217.8       | 114.5 |
|        | 50                              | 99.60                        | 47.42 | 110.0       | 52.78 | 150.6       | 77.34 | 176.0       | 93.02 | 177.0       | 95.18 | 183.6       | 93.24 | 184.8       | 95.02 |
|        | 52                              | 84.60                        | 39.86 | 96.00       | 46.28 | 139.8       | 75.28 | 149.4       | 80.30 | 142.4       | 78.28 | 148.8       | 74.32 | 151.0       | 75.76 |
| 80     | 10                              | 37.80                        | 4.82  | 57.40       | 7.38  | 77.00       | 10.18 | 82.00       | 10.78 | 86.60       | 11.14 | 97.00       | 12.36 | 109.2       | 13.42 |
|        | 12                              | 37.80                        | 4.32  | 57.40       | 6.96  | 77.00       | 9.54  | 82.00       | 10.04 | 86.60       | 10.32 | 97.00       | 11.46 | 109.2       | 12.44 |
|        | 14                              | 37.80                        | 4.14  | 57.40       | 6.62  | 77.00       | 8.88  | 82.00       | 9.36  | 86.60       | 9.60  | 97.00       | 10.64 | 109.2       | 11.56 |
|        | 16                              | 37.80                        | 3.94  | 57.40       | 6.24  | 77.00       | 8.34  | 82.00       | 8.74  | 86.60       | 8.96  | 97.00       | 9.96  | 109.2       | 10.82 |
|        | 18                              | 37.80                        | 3.78  | 57.40       | 5.88  | 77.00       | 7.84  | 82.00       | 8.22  | 86.60       | 8.46  | 97.00       | 9.38  | 109.2       | 10.32 |
|        | 20                              | 37.80                        | 3.64  | 57.40       | 5.64  | 77.00       | 7.58  | 82.00       | 7.96  | 86.60       | 8.22  | 97.00       | 9.32  | 109.2       | 10.70 |
|        | 21                              | 42.80                        | 4.10  | 61.80       | 6.16  | 81.20       | 8.44  | 86.20       | 8.94  | 90.40       | 9.40  | 100.8       | 10.84 | 112.8       | 13.00 |
|        | 23                              | 52.80                        | 11.82 | 71.00       | 13.06 | 89.80       | 14.52 | 94.20       | 14.90 | 98.20       | 15.06 | 108.2       | 16.34 | 120.0       | 17.64 |
|        | 25                              | 63.20                        | 13.30 | 80.20       | 14.98 | 98.40       | 16.82 | 102.8       | 17.20 | 106.2       | 17.38 | 116.2       | 18.88 | 127.6       | 20.46 |
|        | 27                              | 73.60                        | 15.54 | 89.80       | 17.44 | 107.4       | 19.76 | 111.2       | 20.36 | 114.6       | 20.76 | 124.0       | 22.48 | 142.6       | 25.36 |
|        | 29                              | 84.40                        | 18.42 | 99.60       | 20.90 | 116.4       | 23.98 | 120.0       | 24.72 | 123.0       | 25.24 | 137.6       | 28.46 | 168.6       | 33.96 |
|        | 31                              | 95.40                        | 22.64 | 109.6       | 25.44 | 125.8       | 28.88 | 129.2       | 29.64 | 138.4       | 31.66 | 162.6       | 37.62 | 194.8       | 43.88 |
|        | 33                              | 107.0                        | 27.46 | 120.0       | 30.52 | 135.4       | 34.38 | 148.2       | 37.92 | 163.0       | 42.04 | 187.8       | 48.92 | 220.8       | 56.30 |
|        | 35                              | 118.6                        | 33.14 | 130.8       | 36.42 | 158.8       | 45.38 | 172.8       | 50.26 | 187.4       | 55.46 | 212.8       | 63.52 | 246.8       | 73.08 |
|        | 37                              | 118.6                        | 35.04 | 130.8       | 38.72 | 158.8       | 48.18 | 172.8       | 53.50 | 187.4       | 58.96 | 212.8       | 67.06 | 246.8       | 77.66 |
|        | 39                              | 118.6                        | 37.00 | 130.8       | 40.96 | 158.8       | 51.60 | 172.8       | 57.56 | 187.4       | 63.38 | 212.8       | 70.82 | 246.8       | 83.20 |
|        | 41                              | 118.6                        | 42.44 | 130.8       | 47.08 | 158.8       | 58.72 | 172.8       | 65.38 | 187.4       | 72.14 | 212.8       | 78.86 | 246.0       | 92.78 |
|        | 43                              | 118.6                        | 48.42 | 130.8       | 53.28 | 158.8       | 66.42 | 172.8       | 73.78 | 187.4       | 81.52 | 212.8       | 87.20 | 236.0       | 99.94 |
|        | 46                              | 115.0                        | 56.62 | 126.4       | 63.08 | 153.6       | 78.44 | 167.2       | 85.96 | 181.0       | 95.98 | 206.2       | 105.0 | 231.2       | 123.5 |
|        | 48                              | 101.6                        | 50.00 | 112.0       | 55.80 | 136.0       | 69.22 | 148.0       | 75.64 | 169.6       | 91.84 | 196.8       | 102.8 | 211.8       | 114.7 |
|        | 50                              | 88.40                        | 43.26 | 97.40       | 48.32 | 119.0       | 60.20 | 139.0       | 72.30 | 162.8       | 90.78 | 178.2       | 93.52 | 180.2       | 95.30 |
|        | 52                              | 75.00                        | 36.36 | 82.60       | 40.66 | 112.4       | 59.06 | 131.4       | 71.70 | 141.8       | 81.62 | 143.6       | 74.38 | 146.4       | 75.82 |
| 70     | 10                              | 33.00                        | 4.46  | 50.20       | 6.22  | 67.40       | 8.78  | 71.80       | 9.48  | 75.60       | 9.96  | 84.80       | 11.20 | 95.60       | 12.68 |
|        | 12                              | 33.00                        | 3.56  | 50.20       | 5.90  | 67.40       | 8.34  | 71.80       | 8.88  | 75.60       | 9.30  | 84.80       | 10.44 | 95.60       | 11.78 |
|        | 14                              | 33.00                        | 3.44  | 50.20       | 5.60  | 67.40       | 7.84  | 71.80       | 8.30  | 75.60       | 8.66  | 84.80       | 9.74  | 95.60       | 10.98 |
|        | 16                              | 33.00                        | 3.34  | 50.20       | 5.36  | 67.40       | 7.36  | 71.80       | 7.82  | 75.60       | 8.12  | 84.80       | 9.08  | 95.60       | 10.30 |
|        | 18                              | 33.00                        | 3.20  | 50.20       | 5.10  | 67.40       | 7.00  | 71.80       | 7.40  | 75.60       | 7.66  | 84.80       | 8.54  | 95.60       | 9.74  |
|        | 20                              | 33.00                        | 3.08  | 50.20       | 4.88  | 67.40       | 6.68  | 71.80       | 7.10  | 75.60       | 7.38  | 84.80       | 8.30  | 95.60       | 9.72  |
|        | 21                              | 37.40                        | 3.48  | 54.20       | 5.28  | 71.00       | 7.30  | 75.20       | 7.76  | 79.00       | 8.12  | 88.00       | 9.20  | 98.80       | 11.26 |
|        | 23                              | 46.20                        | 9.54  | 62.20       | 12.34 | 78.60       | 13.44 | 82.40       | 13.80 | 85.80       | 13.98 | 94.60       | 15.44 | 105.0       | 17.12 |
|        | 25                              | 55.20                        | 12.06 | 70.60       | 13.62 | 86.20       | 15.32 | 89.80       | 15.76 | 93.00       | 15.92 | 101.2       | 17.50 | 111.6       | 19.02 |
|        | 27                              | 64.40                        | 13.90 | 79.00       | 15.78 | 94.00       | 17.70 | 97.40       | 18.06 | 100.0       | 18.48 | 108.2       | 20.40 | 125.0       | 23.22 |
|        | 29                              | 73.80                        | 16.42 | 87.40       | 18.36 | 102.0       | 21.00 | 105.0       | 21.62 | 107.6       | 22.12 | 120.2       | 25.34 | 147.6       | 31.22 |
|        | 31                              | 83.60                        | 19.76 | 96.40       | 22.36 | 110.0       | 25.32 | 112.8       | 26.00 | 121.2       | 27.70 | 142.2       | 33.36 | 170.6       | 40.30 |
|        | 33                              | 93.40                        | 23.86 | 105.4       | 26.48 | 118.6       | 29.84 | 129.6       | 32.64 | 142.6       | 36.06 | 164.0       | 43.14 | 193.2       | 51.82 |
|        | 35                              | 103.8                        | 28.60 | 114.8       | 31.60 | 139.0       | 38.66 | 151.0       | 42.58 | 163.8       | 46.82 | 185.8       | 55.62 | 216.2       | 66.04 |
|        | 37                              | 103.8                        | 30.38 | 114.8       | 33.42 | 139.0       | 41.08 | 151.0       | 45.34 | 163.8       | 49.88 | 185.8       | 59.26 | 216.2       | 69.76 |
|        | 39                              | 103.8                        | 32.24 | 114.8       | 35.64 | 139.0       | 43.98 | 151.0       | 48.82 | 163.8       | 53.92 | 185.8       | 63.46 | 216.2       | 75.20 |
|        | 41                              | 103.8                        | 36.98 | 114.8       | 40.48 | 139.0       | 50.04 | 151.0       | 55.54 | 163.8       | 60.80 | 185.8       | 72.24 | 216.2       | 84.04 |
|        | 43                              | 103.8                        | 41.72 | 114.8       | 45.74 | 139.0       | 56.60 | 151.0       | 62.76 | 163.8       | 68.76 | 185.8       | 81.70 | 216.2       | 94.04 |
|        | 46                              | 100.4                        | 48.68 | 111.0       | 54.06 | 134.6       | 66.96 | 146.4       | 73.36 | 158.6       | 81.20 | 179.8       | 96.42 | 209.2       | 109.6 |
|        | 48                              | 89.00                        | 43.00 | 98.40       | 47.80 | 119.0       | 59.18 | 129.4       | 64.76 | 140.2       | 71.68 | 159.2       | 85.00 | 190.8       | 99.74 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 77.40                        | 37.16 | 85.40       | 41.36 | 103.6       | 51.18 | 112.6       | 55.92 | 124.4       | 63.52 | 150.0       | 82.10 | 182.0       | 96.58 |
|        | 52                              | 65.80                        | 31.20 | 72.60       | 34.78 | 87.80       | 43.00 | 101.0       | 50.68 | 117.8       | 62.96 | 138.8       | 79.40 | 153.0       | 80.54 |
| 60     | 10                              | 28.40                        | 4.10  | 43.00       | 5.60  | 57.80       | 7.28  | 61.40       | 7.94  | 64.80       | 8.44  | 72.80       | 9.66  | 82.00       | 11.06 |
|        | 12                              | 28.40                        | 2.90  | 43.00       | 4.76  | 57.80       | 6.92  | 61.40       | 7.50  | 64.80       | 7.98  | 72.80       | 9.06  | 82.00       | 10.38 |
|        | 14                              | 28.40                        | 2.80  | 43.00       | 4.60  | 57.80       | 6.60  | 61.40       | 7.10  | 64.80       | 7.50  | 72.80       | 8.50  | 82.00       | 9.70  |
|        | 16                              | 28.40                        | 2.74  | 43.00       | 4.44  | 57.80       | 6.24  | 61.40       | 6.72  | 64.80       | 7.10  | 72.80       | 8.00  | 82.00       | 9.10  |
|        | 18                              | 28.40                        | 2.66  | 43.00       | 4.26  | 57.80       | 5.94  | 61.40       | 6.36  | 64.80       | 6.70  | 72.80       | 7.52  | 82.00       | 8.62  |
|        | 20                              | 28.40                        | 2.56  | 43.00       | 4.08  | 57.80       | 5.70  | 61.40       | 6.10  | 64.80       | 6.40  | 72.80       | 7.22  | 82.00       | 8.38  |
|        | 21                              | 32.00                        | 2.88  | 46.40       | 4.38  | 61.00       | 6.16  | 64.60       | 6.56  | 67.80       | 6.90  | 75.60       | 7.80  | 84.80       | 9.26  |
|        | 23                              | 39.60                        | 6.62  | 53.20       | 9.70  | 67.40       | 12.46 | 70.60       | 12.74 | 73.60       | 12.84 | 81.20       | 14.10 | 90.20       | 15.96 |
|        | 25                              | 48.00                        | 11.20 | 60.20       | 12.28 | 73.80       | 13.74 | 77.00       | 14.14 | 79.60       | 14.38 | 87.00       | 15.78 | 95.80       | 17.88 |
|        | 27                              | 55.20                        | 12.38 | 67.40       | 13.92 | 80.40       | 15.66 | 83.40       | 16.08 | 85.80       | 16.34 | 92.80       | 17.84 | 107.0       | 21.16 |
|        | 29                              | 63.20                        | 14.40 | 74.80       | 16.12 | 87.40       | 18.18 | 90.00       | 18.72 | 92.00       | 19.14 | 103.2       | 21.74 | 126.6       | 27.74 |
|        | 31                              | 71.60                        | 16.98 | 82.40       | 19.10 | 94.40       | 21.74 | 96.80       | 22.40 | 103.8       | 23.82 | 122.0       | 28.38 | 146.2       | 35.56 |
|        | 33                              | 80.20                        | 20.34 | 90.00       | 22.58 | 101.6       | 25.50 | 111.2       | 27.84 | 122.0       | 30.54 | 140.8       | 36.04 | 165.8       | 45.10 |
|        | 35                              | 89.00                        | 24.26 | 98.00       | 26.82 | 119.2       | 32.52 | 129.6       | 35.60 | 140.2       | 38.86 | 159.4       | 45.78 | 185.4       | 56.84 |
|        | 37                              | 89.00                        | 25.60 | 98.00       | 28.28 | 119.2       | 34.44 | 129.6       | 37.84 | 140.2       | 41.26 | 159.4       | 48.60 | 185.4       | 60.50 |
|        | 39                              | 89.00                        | 27.18 | 98.00       | 30.10 | 119.2       | 37.18 | 129.6       | 40.60 | 140.2       | 44.44 | 159.4       | 52.18 | 185.4       | 64.90 |
|        | 41                              | 89.00                        | 30.56 | 98.00       | 34.16 | 119.2       | 41.86 | 129.6       | 46.04 | 140.2       | 50.06 | 159.4       | 59.40 | 185.4       | 73.14 |
|        | 43                              | 89.00                        | 34.44 | 98.00       | 38.58 | 119.2       | 47.34 | 129.6       | 52.02 | 140.2       | 56.58 | 159.4       | 67.22 | 185.4       | 82.74 |
|        | 46                              | 86.20                        | 40.60 | 95.00       | 45.56 | 115.4       | 55.94 | 125.4       | 61.44 | 135.6       | 66.86 | 154.4       | 79.46 | 179.4       | 98.86 |
|        | 48                              | 76.00                        | 35.90 | 83.80       | 40.24 | 102.0       | 49.48 | 111.0       | 54.26 | 120.0       | 59.04 | 136.6       | 70.20 | 158.6       | 87.34 |
|        | 50                              | 66.20                        | 31.04 | 72.80       | 34.82 | 88.80       | 42.80 | 96.60       | 46.92 | 104.2       | 51.06 | 118.8       | 60.68 | 138.0       | 75.50 |
|        | 52                              | 56.20                        | 26.04 | 62.00       | 29.24 | 75.40       | 35.98 | 82.00       | 39.38 | 88.80       | 42.86 | 105.0       | 53.98 | 127.8       | 71.88 |
| 50     | 10                              | 23.80                        | 4.12  | 36.00       | 5.08  | 48.20       | 6.28  | 51.40       | 6.44  | 54.00       | 6.72  | 60.40       | 7.72  | 68.20       | 8.92  |
|        | 12                              | 23.80                        | 2.80  | 36.00       | 3.70  | 48.20       | 5.42  | 51.40       | 5.96  | 54.00       | 6.44  | 60.40       | 7.38  | 68.20       | 8.48  |
|        | 14                              | 23.80                        | 2.46  | 36.00       | 3.60  | 48.20       | 5.22  | 51.40       | 5.70  | 54.00       | 6.12  | 60.40       | 6.96  | 68.20       | 8.00  |
|        | 16                              | 23.80                        | 2.42  | 36.00       | 3.50  | 48.20       | 5.00  | 51.40       | 5.46  | 54.00       | 5.80  | 60.40       | 6.62  | 68.20       | 7.58  |
|        | 18                              | 23.80                        | 2.34  | 36.00       | 3.36  | 48.20       | 4.80  | 51.40       | 5.22  | 54.00       | 5.54  | 60.40       | 6.28  | 68.20       | 7.20  |
|        | 20                              | 23.80                        | 2.26  | 36.00       | 3.26  | 48.20       | 4.64  | 51.40       | 5.00  | 54.00       | 5.32  | 60.40       | 6.02  | 68.20       | 6.96  |
|        | 21                              | 26.80                        | 2.34  | 38.80       | 3.50  | 51.00       | 4.92  | 53.80       | 5.30  | 56.40       | 5.62  | 62.80       | 6.34  | 70.60       | 7.48  |
|        | 23                              | 33.00                        | 4.54  | 44.60       | 6.48  | 56.00       | 11.14 | 59.00       | 11.66 | 61.20       | 11.82 | 67.40       | 12.74 | 75.20       | 14.16 |
|        | 25                              | 45.80                        | 11.00 | 50.40       | 11.02 | 61.60       | 12.18 | 64.00       | 12.46 | 66.20       | 12.74 | 72.40       | 13.92 | 79.80       | 15.74 |
|        | 27                              | 46.40                        | 11.08 | 56.40       | 12.10 | 67.20       | 13.68 | 69.40       | 14.06 | 71.40       | 14.28 | 77.20       | 15.66 | 89.40       | 18.26 |
|        | 29                              | 53.00                        | 12.60 | 62.60       | 13.86 | 72.80       | 15.56 | 75.00       | 15.98 | 76.60       | 16.26 | 85.80       | 18.32 | 105.6       | 22.88 |
|        | 31                              | 59.80                        | 14.54 | 69.00       | 16.04 | 78.60       | 18.26 | 80.60       | 18.74 | 86.40       | 20.04 | 101.4       | 23.70 | 122.0       | 29.24 |
|        | 33                              | 67.00                        | 17.26 | 75.60       | 18.88 | 84.80       | 21.34 | 92.60       | 23.14 | 101.6       | 25.36 | 117.0       | 29.62 | 138.2       | 36.36 |
|        | 35                              | 74.40                        | 20.32 | 82.20       | 22.12 | 99.40       | 26.80 | 108.0       | 29.22 | 116.8       | 31.62 | 132.6       | 36.70 | 154.4       | 45.10 |
|        | 37                              | 74.40                        | 21.46 | 82.20       | 23.34 | 99.40       | 28.34 | 108.0       | 30.90 | 116.8       | 33.46 | 132.6       | 39.16 | 154.4       | 47.90 |
|        | 39                              | 74.40                        | 22.82 | 82.20       | 24.94 | 99.40       | 30.36 | 108.0       | 33.28 | 116.8       | 35.92 | 132.6       | 41.74 | 154.4       | 51.76 |
|        | 41                              | 74.40                        | 25.50 | 82.20       | 27.96 | 99.40       | 34.44 | 108.0       | 37.36 | 116.8       | 40.36 | 132.6       | 47.48 | 154.4       | 58.32 |
|        | 43                              | 74.40                        | 28.64 | 82.20       | 31.50 | 99.40       | 38.82 | 108.0       | 42.18 | 116.8       | 45.58 | 132.6       | 53.66 | 154.4       | 65.92 |
|        | 46                              | 72.00                        | 33.46 | 79.60       | 37.16 | 96.20       | 45.76 | 104.6       | 49.78 | 112.8       | 53.76 | 128.4       | 63.44 | 149.6       | 77.94 |
|        | 48                              | 63.60                        | 29.42 | 70.20       | 32.86 | 85.20       | 40.40 | 92.60       | 43.98 | 99.80       | 47.48 | 113.6       | 56.08 | 132.2       | 68.88 |
|        | 50                              | 55.20                        | 25.36 | 61.00       | 28.50 | 74.00       | 34.90 | 80.40       | 38.00 | 86.80       | 41.02 | 98.60       | 48.52 | 115.2       | 59.58 |
|        | 52                              | 47.20                        | 21.20 | 52.00       | 24.02 | 62.80       | 29.28 | 68.60       | 31.92 | 73.60       | 34.44 | 84.00       | 40.78 | 98.00       | 50.08 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM940LTE6

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                               | 70.90                        | 8.06  | 107.4       | 11.15 | 133.5       | 12.45 | 136.3       | 11.55 | 138.2       | 10.67 | 145.3       | 10.29 | 151.2       | 10.25 |
|        | 12                               | 70.90                        | 7.57  | 107.4       | 10.47 | 133.5       | 11.83 | 136.3       | 10.91 | 138.2       | 10.20 | 145.3       | 9.88  | 151.2       | 10.00 |
|        | 14                               | 70.90                        | 7.12  | 107.4       | 9.88  | 133.5       | 11.27 | 136.3       | 10.46 | 138.2       | 9.88  | 145.3       | 9.67  | 151.2       | 9.86  |
|        | 16                               | 70.90                        | 6.77  | 107.4       | 9.34  | 133.5       | 10.94 | 136.3       | 10.28 | 138.2       | 9.82  | 145.3       | 9.69  | 151.2       | 9.99  |
|        | 18                               | 70.90                        | 6.47  | 107.4       | 9.15  | 133.5       | 10.82 | 136.3       | 10.44 | 138.2       | 10.11 | 145.3       | 10.16 | 151.2       | 10.84 |
|        | 20                               | 70.90                        | 6.28  | 107.4       | 9.29  | 133.5       | 11.45 | 136.3       | 11.83 | 138.2       | 11.87 | 145.3       | 12.53 | 151.2       | 14.08 |
|        | 21                               | 80.30                        | 7.51  | 115.9       | 11.28 | 140.6       | 14.90 | 143.0       | 15.86 | 144.5       | 15.44 | 150.8       | 15.71 | 156.2       | 16.40 |
|        | 23                               | 99.10                        | 16.21 | 133.1       | 17.79 | 155.1       | 18.55 | 156.6       | 20.72 | 157.0       | 20.47 | 162.1       | 20.85 | 166.4       | 21.72 |
|        | 25                               | 118.6                        | 19.67 | 150.4       | 21.80 | 170.3       | 23.60 | 170.4       | 27.79 | 170.0       | 27.63 | 173.5       | 27.92 | 176.6       | 28.99 |
|        | 27                               | 138.3                        | 24.72 | 168.4       | 27.81 | 185.6       | 30.68 | 184.8       | 37.51 | 183.2       | 37.04 | 185.3       | 37.08 | 197.4       | 41.03 |
|        | 29                               | 158.6                        | 31.85 | 186.9       | 35.50 | 201.3       | 39.40 | 199.3       | 48.85 | 196.6       | 48.02 | 205.9       | 50.17 | 235.3       | 61.31 |
|        | 31                               | 179.4                        | 40.31 | 206.0       | 43.70 | 217.7       | 49.65 | 214.2       | 57.43 | 221.3       | 60.27 | 241.7       | 67.53 | 273.1       | 82.13 |
|        | 33                               | 200.9                        | 50.68 | 225.2       | 54.97 | 234.2       | 62.81 | 246.0       | 73.80 | 260.1       | 80.83 | 278.0       | 88.73 | 315.9       | 107.3 |
|        | 35                               | 222.8                        | 63.87 | 245.2       | 68.26 | 274.6       | 91.69 | 285.9       | 98.02 | 298.5       | 105.6 | 330.6       | 117.1 | 372.4       | 133.6 |
|        | 37                               | 222.8                        | 68.15 | 245.2       | 72.59 | 272.7       | 91.67 | 282.7       | 97.87 | 314.7       | 112.8 | 349.0       | 125.1 | 370.0       | 132.5 |
|        | 39                               | 222.8                        | 72.62 | 245.2       | 77.63 | 269.4       | 91.46 | 300.1       | 105.9 | 333.7       | 121.5 | 358.1       | 128.9 | 364.7       | 130.3 |
|        | 41                               | 222.8                        | 79.88 | 238.1       | 83.09 | 279.3       | 100.4 | 310.6       | 116.8 | 334.2       | 126.4 | 343.9       | 127.5 | 349.1       | 129.1 |
|        | 43                               | 222.8                        | 87.26 | 228.0       | 82.20 | 291.1       | 111.7 | 314.5       | 124.1 | 320.7       | 124.8 | 330.5       | 125.8 | 335.7       | 128.2 |
|        | 46                               | 215.5                        | 97.80 | 228.5       | 93.96 | 282.9       | 121.8 | 287.2       | 122.2 | 293.8       | 123.2 | 302.4       | 124.0 | 307.3       | 126.4 |
|        | 48                               | 190.7                        | 95.81 | 217.7       | 106.3 | 246.0       | 119.9 | 250.2       | 120.4 | 255.5       | 121.4 | 263.3       | 122.1 | 267.2       | 124.1 |
|        | 50                               | 174.2                        | 100.2 | 201.7       | 118.4 | 208.8       | 118.1 | 213.0       | 118.4 | 217.0       | 119.5 | 224.9       | 120.2 | 227.3       | 121.6 |
|        | 52                               | 165.3                        | 117.4 | 161.1       | 118.1 | 170.0       | 118.1 | 173.3       | 117.9 | 177.5       | 119.7 | 184.1       | 119.9 | 188.0       | 121.8 |
| 120    | 10                               | 64.20                        | 7.35  | 97.10       | 10.58 | 122.9       | 12.50 | 125.7       | 12.45 | 127.7       | 11.39 | 134.8       | 10.76 | 140.6       | 10.73 |
|        | 12                               | 64.20                        | 6.94  | 97.10       | 9.93  | 122.9       | 11.83 | 125.7       | 11.59 | 127.7       | 10.83 | 134.8       | 10.43 | 140.6       | 10.47 |
|        | 14                               | 64.20                        | 6.60  | 97.10       | 9.36  | 122.9       | 11.28 | 125.7       | 11.07 | 127.7       | 10.38 | 134.8       | 10.12 | 140.6       | 10.25 |
|        | 16                               | 64.20                        | 6.26  | 97.10       | 8.90  | 122.9       | 10.81 | 125.7       | 10.63 | 127.7       | 10.17 | 134.8       | 9.94  | 140.6       | 10.23 |
|        | 18                               | 64.20                        | 5.96  | 97.10       | 8.58  | 122.9       | 10.56 | 125.7       | 10.58 | 127.7       | 10.25 | 134.8       | 10.15 | 140.6       | 10.63 |
|        | 20                               | 64.20                        | 5.77  | 97.10       | 8.59  | 122.9       | 11.01 | 125.7       | 11.18 | 127.7       | 11.06 | 134.8       | 11.31 | 140.6       | 12.57 |
|        | 21                               | 72.50                        | 6.84  | 104.6       | 10.26 | 129.6       | 14.02 | 132.0       | 14.54 | 133.5       | 14.48 | 139.9       | 14.40 | 144.9       | 14.88 |
|        | 23                               | 89.70                        | 15.49 | 120.2       | 17.31 | 142.9       | 18.46 | 144.5       | 18.26 | 145.3       | 18.15 | 150.4       | 17.87 | 154.3       | 18.48 |
|        | 25                               | 107.3                        | 18.64 | 135.9       | 21.00 | 157.0       | 22.86 | 157.1       | 22.89 | 157.1       | 23.03 | 161.3       | 22.85 | 164.1       | 23.54 |
|        | 27                               | 125.0                        | 22.87 | 152.3       | 26.43 | 171.1       | 28.81 | 170.4       | 29.13 | 169.2       | 29.54 | 172.3       | 29.54 | 183.3       | 32.35 |
|        | 29                               | 143.4                        | 29.22 | 168.8       | 33.58 | 185.6       | 35.37 | 183.7       | 36.39 | 181.8       | 37.17 | 191.1       | 39.07 | 217.0       | 46.79 |
|        | 31                               | 162.2                        | 36.83 | 185.7       | 41.50 | 200.5       | 42.79 | 197.8       | 45.57 | 204.8       | 49.81 | 226.0       | 56.48 | 250.6       | 66.75 |
|        | 33                               | 181.7                        | 45.93 | 203.3       | 51.31 | 215.7       | 52.74 | 226.8       | 63.68 | 240.9       | 72.02 | 260.9       | 79.81 | 283.9       | 93.06 |
|        | 35                               | 201.4                        | 57.33 | 221.3       | 63.45 | 253.0       | 74.39 | 264.8       | 94.00 | 276.6       | 100.9 | 295.3       | 108.8 | 329.8       | 124.4 |
|        | 37                               | 201.4                        | 61.71 | 221.3       | 66.97 | 253.0       | 80.85 | 264.8       | 93.91 | 277.8       | 101.6 | 309.5       | 114.4 | 348.3       | 131.8 |
|        | 39                               | 201.4                        | 66.49 | 221.3       | 70.99 | 253.0       | 87.60 | 265.1       | 94.14 | 295.5       | 109.8 | 329.1       | 122.3 | 349.1       | 131.2 |
|        | 41                               | 201.4                        | 73.87 | 221.3       | 78.87 | 248.5       | 89.12 | 276.1       | 103.0 | 307.1       | 120.1 | 329.4       | 127.2 | 334.8       | 129.3 |
|        | 43                               | 201.4                        | 81.73 | 219.7       | 81.08 | 258.9       | 98.05 | 287.9       | 113.8 | 307.2       | 124.2 | 315.7       | 124.4 | 321.5       | 127.2 |
|        | 46                               | 195.0                        | 92.15 | 203.2       | 81.44 | 270.0       | 117.4 | 276.6       | 120.4 | 280.9       | 120.9 | 289.1       | 121.2 | 294.4       | 123.9 |
|        | 48                               | 172.7                        | 91.11 | 193.7       | 92.41 | 237.0       | 118.4 | 240.2       | 119.0 | 244.4       | 119.6 | 251.9       | 120.2 | 255.8       | 121.8 |
|        | 50                               | 150.0                        | 90.00 | 180.5       | 104.7 | 201.4       | 117.5 | 204.9       | 118.2 | 208.0       | 118.5 | 214.6       | 118.9 | 218.1       | 120.1 |
|        | 52                               | 138.7                        | 100.3 | 154.9       | 115.2 | 162.7       | 118.0 | 165.5       | 118.3 | 168.8       | 118.4 | 174.5       | 119.1 | 179.6       | 120.3 |
| 110    | 10                               | 57.60                        | 6.64  | 87.30       | 9.85  | 112.8       | 12.06 | 115.2       | 12.18 | 121.0       | 11.94 | 123.8       | 11.46 | 134.4       | 11.31 |
|        | 12                               | 57.60                        | 6.31  | 87.30       | 9.28  | 112.8       | 11.41 | 115.2       | 11.39 | 121.0       | 11.31 | 123.8       | 10.94 | 134.4       | 10.97 |
|        | 14                               | 57.60                        | 6.01  | 87.30       | 8.83  | 112.8       | 10.90 | 115.2       | 10.93 | 121.0       | 10.91 | 123.8       | 10.54 | 134.4       | 10.64 |
|        | 16                               | 57.60                        | 5.71  | 87.30       | 8.37  | 112.8       | 10.40 | 115.2       | 10.50 | 121.0       | 10.55 | 123.8       | 10.25 | 134.4       | 10.45 |
|        | 18                               | 57.60                        | 5.45  | 87.30       | 8.03  | 112.8       | 10.27 | 115.2       | 10.37 | 121.0       | 10.50 | 123.8       | 10.23 | 134.4       | 10.65 |
|        | 20                               | 57.60                        | 5.26  | 87.30       | 7.91  | 112.8       | 10.61 | 115.2       | 10.70 | 121.0       | 11.02 | 123.8       | 10.97 | 134.4       | 11.93 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                              | 65.10                        | 6.14  | 94.00       | 9.24  | 119.0       | 13.05 | 121.0       | 13.40 | 126.5       | 14.07 | 128.5       | 14.22 | 138.7       | 14.77 |
|        | 23                              | 80.30                        | 14.66 | 107.8       | 16.51 | 131.2       | 17.89 | 132.4       | 17.54 | 137.4       | 17.79 | 138.3       | 17.40 | 147.7       | 17.89 |
|        | 25                              | 96.00                        | 17.46 | 122.2       | 19.59 | 144.1       | 21.77 | 144.1       | 21.51 | 148.8       | 21.82 | 148.1       | 21.22 | 157.1       | 22.18 |
|        | 27                              | 112.1                        | 21.18 | 136.7       | 24.22 | 157.1       | 26.95 | 156.2       | 26.65 | 160.2       | 26.78 | 158.2       | 26.16 | 175.5       | 29.55 |
|        | 29                              | 128.8                        | 26.69 | 151.6       | 30.54 | 170.4       | 33.28 | 168.4       | 32.76 | 172.0       | 32.86 | 175.8       | 33.27 | 207.6       | 41.35 |
|        | 31                              | 145.7                        | 33.47 | 166.9       | 37.55 | 184.1       | 40.18 | 181.3       | 39.52 | 193.8       | 42.77 | 207.9       | 46.59 | 239.7       | 57.00 |
|        | 33                              | 162.9                        | 41.43 | 182.6       | 46.06 | 198.2       | 48.56 | 208.0       | 52.15 | 227.9       | 59.93 | 239.7       | 64.41 | 271.5       | 77.22 |
|        | 35                              | 180.6                        | 51.32 | 199.0       | 56.71 | 232.3       | 66.02 | 242.8       | 71.56 | 262.0       | 82.93 | 271.8       | 87.60 | 303.2       | 102.2 |
|        | 37                              | 180.6                        | 54.40 | 199.0       | 60.25 | 232.3       | 69.59 | 242.8       | 77.29 | 262.0       | 89.62 | 271.8       | 93.71 | 304.8       | 109.6 |
|        | 39                              | 180.6                        | 58.71 | 199.0       | 64.07 | 232.3       | 74.53 | 242.8       | 84.52 | 262.0       | 95.91 | 286.1       | 106.8 | 324.3       | 125.1 |
|        | 41                              | 180.6                        | 65.32 | 199.0       | 70.31 | 232.3       | 82.50 | 242.8       | 96.60 | 269.5       | 110.6 | 299.2       | 126.1 | 319.9       | 137.8 |
|        | 43                              | 180.6                        | 71.11 | 199.0       | 75.78 | 227.2       | 90.47 | 252.6       | 103.9 | 280.8       | 119.5 | 302.7       | 129.4 | 306.7       | 131.8 |
|        | 46                              | 174.7                        | 72.86 | 192.7       | 76.46 | 236.2       | 105.6 | 263.0       | 120.5 | 268.6       | 123.1 | 276.8       | 123.6 | 280.4       | 125.7 |
|        | 48                              | 154.7                        | 71.53 | 170.5       | 76.10 | 224.6       | 116.2 | 230.3       | 118.1 | 233.4       | 118.8 | 240.7       | 119.2 | 244.3       | 121.2 |
|        | 50                              | 134.6                        | 70.08 | 159.4       | 84.34 | 192.3       | 112.9 | 195.6       | 114.3 | 198.9       | 114.7 | 204.6       | 114.4 | 207.6       | 116.3 |
| 100    | 52                              | 114.0                        | 68.61 | 146.5       | 98.43 | 154.0       | 109.1 | 157.8       | 111.7 | 160.1       | 111.3 | 165.8       | 110.8 | 170.3       | 113.1 |
|        | 10                              | 48.50                        | 5.90  | 73.20       | 9.08  | 98.70       | 11.55 | 104.9       | 11.82 | 110.1       | 11.74 | 122.2       | 12.35 | 126.9       | 12.14 |
|        | 12                              | 48.50                        | 5.64  | 73.20       | 8.64  | 98.70       | 10.86 | 104.9       | 11.01 | 110.1       | 11.04 | 122.2       | 11.84 | 126.9       | 11.74 |
|        | 14                              | 48.50                        | 5.42  | 73.20       | 8.23  | 98.70       | 10.32 | 104.9       | 10.47 | 110.1       | 10.50 | 122.2       | 11.45 | 126.9       | 11.38 |
|        | 16                              | 48.50                        | 5.16  | 73.20       | 7.78  | 98.70       | 9.86  | 104.9       | 10.08 | 110.1       | 10.18 | 122.2       | 11.09 | 126.9       | 11.14 |
|        | 18                              | 48.50                        | 4.90  | 73.20       | 7.43  | 98.70       | 9.51  | 104.9       | 9.84  | 110.1       | 10.10 | 122.2       | 11.04 | 126.9       | 11.16 |
|        | 20                              | 48.50                        | 4.75  | 73.20       | 7.24  | 98.70       | 9.66  | 104.9       | 10.22 | 110.1       | 10.61 | 122.2       | 11.48 | 126.9       | 11.98 |
|        | 21                              | 54.80                        | 5.48  | 79.10       | 8.23  | 104.1       | 11.64 | 110.0       | 12.46 | 115.1       | 13.17 | 126.9       | 14.22 | 130.9       | 15.31 |
|        | 23                              | 67.70                        | 13.86 | 90.50       | 15.63 | 114.8       | 17.37 | 120.3       | 17.66 | 125.0       | 17.83 | 136.3       | 18.04 | 139.5       | 17.99 |
|        | 25                              | 80.70                        | 16.27 | 102.6       | 18.32 | 126.1       | 20.70 | 131.2       | 21.40 | 135.2       | 21.79 | 146.1       | 21.45 | 148.1       | 21.59 |
|        | 27                              | 94.40                        | 19.54 | 114.8       | 22.08 | 137.4       | 25.68 | 142.1       | 26.50 | 145.8       | 26.83 | 156.2       | 26.40 | 165.7       | 28.13 |
|        | 29                              | 108.1                        | 24.06 | 127.3       | 27.56 | 149.2       | 31.96 | 153.2       | 32.83 | 156.7       | 32.78 | 173.2       | 33.52 | 195.9       | 38.88 |
|        | 31                              | 122.2                        | 30.29 | 140.2       | 33.84 | 161.0       | 38.68 | 164.9       | 39.64 | 176.3       | 41.26 | 204.9       | 45.54 | 226.4       | 52.34 |
|        | 33                              | 137.0                        | 36.99 | 153.5       | 41.19 | 173.4       | 46.93 | 189.2       | 52.17 | 207.6       | 54.98 | 236.6       | 61.24 | 256.6       | 69.56 |
|        | 35                              | 152.0                        | 45.48 | 166.9       | 50.22 | 203.2       | 63.69 | 220.9       | 71.17 | 238.5       | 73.19 | 266.7       | 81.10 | 286.3       | 91.85 |
| 90     | 37                              | 152.0                        | 48.74 | 166.9       | 53.92 | 203.2       | 67.48 | 220.9       | 74.50 | 238.5       | 78.01 | 262.0       | 85.31 | 280.5       | 97.06 |
|        | 39                              | 152.0                        | 52.28 | 166.9       | 57.94 | 203.2       | 71.42 | 220.9       | 77.92 | 238.5       | 83.54 | 257.7       | 89.91 | 276.7       | 102.8 |
|        | 41                              | 152.0                        | 57.31 | 166.9       | 63.66 | 203.2       | 77.29 | 220.9       | 85.47 | 238.5       | 91.53 | 256.3       | 99.35 | 290.3       | 119.6 |
|        | 43                              | 152.0                        | 63.52 | 166.9       | 70.63 | 203.2       | 84.40 | 220.9       | 92.97 | 239.3       | 103.3 | 266.3       | 116.3 | 288.3       | 132.5 |
|        | 46                              | 146.9                        | 71.78 | 161.7       | 79.79 | 203.6       | 98.09 | 224.8       | 116.5 | 249.2       | 133.8 | 259.8       | 136.3 | 263.7       | 139.5 |
|        | 48                              | 130.0                        | 62.68 | 143.0       | 69.63 | 192.9       | 96.95 | 214.2       | 114.4 | 219.0       | 116.8 | 226.0       | 117.2 | 229.2       | 119.3 |
|        | 50                              | 113.2                        | 53.37 | 126.7       | 60.75 | 177.9       | 92.71 | 184.0       | 96.85 | 185.4       | 96.96 | 192.0       | 97.23 | 194.7       | 98.77 |
|        | 52                              | 96.00                        | 43.79 | 120.4       | 59.43 | 141.8       | 76.18 | 147.3       | 77.30 | 149.3       | 77.73 | 155.0       | 77.80 | 159.1       | 78.97 |
|        | 10                              | 43.50                        | 5.32  | 66.20       | 8.44  | 88.90       | 11.12 | 94.40       | 11.54 | 99.10       | 11.69 | 111.2       | 12.53 | 125.7       | 13.53 |
|        | 12                              | 43.50                        | 5.06  | 66.20       | 7.92  | 88.90       | 10.33 | 94.40       | 10.70 | 99.10       | 10.88 | 111.2       | 11.61 | 125.7       | 12.71 |
|        | 14                              | 43.50                        | 4.80  | 66.20       | 7.43  | 88.90       | 9.64  | 94.40       | 9.97  | 99.10       | 10.07 | 111.2       | 10.79 | 125.7       | 11.86 |
|        | 16                              | 43.50                        | 4.58  | 66.20       | 6.98  | 88.90       | 9.02  | 94.40       | 9.28  | 99.10       | 9.41  | 111.2       | 10.09 | 125.7       | 11.15 |
|        | 18                              | 43.50                        | 4.32  | 66.20       | 6.56  | 88.90       | 8.49  | 94.40       | 8.81  | 99.10       | 8.94  | 111.2       | 9.62  | 125.7       | 11.02 |
|        | 20                              | 43.50                        | 4.13  | 66.20       | 6.23  | 88.90       | 8.22  | 94.40       | 8.61  | 99.10       | 8.94  | 111.2       | 10.03 | 125.7       | 11.54 |
|        | 21                              | 49.30                        | 4.70  | 71.30       | 6.91  | 93.60       | 9.50  | 99.00       | 10.17 | 103.4       | 10.72 | 115.5       | 11.93 | 129.6       | 14.70 |
|        | 23                              | 60.70                        | 12.28 | 81.80       | 13.63 | 103.4       | 15.20 | 108.4       | 15.53 | 112.4       | 15.58 | 124.2       | 16.30 | 138.2       | 18.06 |
|        | 25                              | 72.50                        | 14.08 | 92.50       | 15.85 | 113.5       | 17.77 | 117.9       | 18.23 | 121.8       | 18.53 | 133.1       | 19.55 | 146.8       | 21.45 |
|        | 27                              | 84.60                        | 16.76 | 103.5       | 18.73 | 123.7       | 21.53 | 127.7       | 22.23 | 131.2       | 22.68 | 142.2       | 23.66 | 164.1       | 27.40 |
|        | 29                              | 97.20                        | 20.12 | 114.8       | 23.02 | 134.0       | 26.66 | 137.9       | 27.45 | 141.0       | 27.94 | 157.8       | 29.94 | 193.9       | 37.33 |
|        | 31                              | 110.0                        | 25.17 | 126.5       | 28.23 | 144.9       | 32.10 | 148.4       | 32.86 | 158.7       | 35.33 | 186.5       | 39.72 | 224.0       | 49.29 |
|        | 33                              | 123.0                        | 30.71 | 138.3       | 34.05 | 155.9       | 38.66 | 170.3       | 42.74 | 186.5       | 47.51 | 215.4       | 52.20 | 252.3       | 64.01 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                              | 136.7                        | 37.35 | 150.5       | 41.09 | 182.9       | 51.78 | 198.6       | 57.63 | 214.3       | 63.17 | 244.0       | 69.57 | 277.7       | 83.08 |
|        | 37                              | 136.7                        | 39.62 | 150.5       | 43.74 | 182.9       | 55.24 | 198.6       | 61.25 | 214.3       | 66.65 | 244.0       | 73.79 | 273.1       | 87.06 |
|        | 39                              | 136.7                        | 42.00 | 150.5       | 46.56 | 182.9       | 58.49 | 198.6       | 65.16 | 214.3       | 69.95 | 244.0       | 78.84 | 269.1       | 91.35 |
|        | 41                              | 136.7                        | 48.72 | 150.5       | 53.56 | 182.9       | 66.50 | 198.6       | 73.75 | 214.3       | 78.01 | 242.0       | 86.72 | 257.7       | 98.72 |
|        | 43                              | 136.7                        | 54.55 | 150.5       | 60.02 | 182.9       | 75.17 | 198.6       | 82.04 | 214.3       | 86.18 | 234.3       | 95.36 | 261.6       | 114.1 |
|        | 46                              | 132.3                        | 64.53 | 146.0       | 71.82 | 177.1       | 89.47 | 192.7       | 97.22 | 218.2       | 113.0 | 244.1       | 128.3 | 255.8       | 139.4 |
|        | 48                              | 116.7                        | 57.06 | 128.9       | 63.46 | 159.9       | 80.95 | 187.0       | 97.87 | 207.6       | 112.7 | 220.7       | 117.0 | 222.5       | 119.5 |
|        | 50                              | 101.8                        | 49.43 | 112.4       | 54.91 | 153.1       | 80.15 | 179.0       | 96.55 | 180.9       | 99.39 | 187.6       | 97.38 | 188.8       | 99.19 |
|        | 52                              | 86.30                        | 41.55 | 98.00       | 48.24 | 141.5       | 78.82 | 151.3       | 84.09 | 144.2       | 81.98 | 150.8       | 77.80 | 153.7       | 79.44 |
| 80     | 10                              | 38.70                        | 5.01  | 58.70       | 7.77  | 78.70       | 10.65 | 83.80       | 11.25 | 88.50       | 11.59 | 99.10       | 12.82 | 111.6       | 13.89 |
|        | 12                              | 38.70                        | 4.56  | 58.70       | 7.32  | 78.70       | 9.97  | 83.80       | 10.46 | 88.50       | 10.72 | 99.10       | 11.87 | 111.6       | 12.86 |
|        | 14                              | 38.70                        | 4.37  | 58.70       | 6.95  | 78.70       | 9.26  | 83.80       | 9.74  | 88.50       | 9.96  | 99.10       | 11.02 | 111.6       | 11.96 |
|        | 16                              | 38.70                        | 4.15  | 58.70       | 6.54  | 78.70       | 8.69  | 83.80       | 9.09  | 88.50       | 9.30  | 99.10       | 10.32 | 111.6       | 11.19 |
|        | 18                              | 38.70                        | 3.97  | 58.70       | 6.16  | 78.70       | 8.16  | 83.80       | 8.55  | 88.50       | 8.77  | 99.10       | 9.71  | 111.6       | 10.68 |
|        | 20                              | 38.70                        | 3.82  | 58.70       | 5.90  | 78.70       | 7.89  | 83.80       | 8.28  | 88.50       | 8.53  | 99.10       | 9.66  | 111.6       | 11.09 |
|        | 21                              | 43.80                        | 4.31  | 63.10       | 6.44  | 83.00       | 8.80  | 88.10       | 9.31  | 92.40       | 9.78  | 103.0       | 11.26 | 115.2       | 13.52 |
|        | 23                              | 54.00                        | 12.15 | 72.50       | 13.41 | 91.70       | 14.88 | 96.30       | 15.27 | 100.3       | 15.41 | 110.5       | 16.71 | 122.6       | 18.04 |
|        | 25                              | 64.60                        | 13.71 | 81.90       | 15.41 | 100.6       | 17.29 | 105.0       | 17.66 | 108.5       | 17.83 | 118.7       | 19.40 | 130.4       | 21.03 |
|        | 27                              | 75.20                        | 16.05 | 91.70       | 17.98 | 109.7       | 20.40 | 113.6       | 21.00 | 117.1       | 21.40 | 126.6       | 23.16 | 145.7       | 26.16 |
|        | 29                              | 86.20                        | 19.07 | 101.8       | 21.63 | 119.0       | 24.81 | 122.6       | 25.56 | 125.7       | 26.08 | 140.6       | 29.41 | 172.3       | 35.12 |
|        | 31                              | 97.50                        | 23.52 | 112.0       | 26.36 | 128.5       | 29.90 | 132.0       | 30.66 | 141.4       | 32.77 | 166.1       | 38.95 | 199.0       | 45.50 |
|        | 33                              | 109.3                        | 28.55 | 122.6       | 31.66 | 138.3       | 35.65 | 151.5       | 39.34 | 166.5       | 43.64 | 191.9       | 50.80 | 225.6       | 58.51 |
|        | 35                              | 121.1                        | 34.47 | 133.6       | 37.85 | 162.2       | 47.19 | 176.6       | 52.27 | 191.5       | 57.69 | 217.4       | 66.08 | 252.2       | 76.08 |
|        | 37                              | 121.1                        | 36.46 | 133.6       | 40.24 | 162.2       | 50.11 | 176.6       | 55.65 | 191.5       | 61.34 | 217.4       | 69.75 | 252.2       | 80.85 |
|        | 39                              | 121.1                        | 38.50 | 133.6       | 42.58 | 162.2       | 53.66 | 176.6       | 59.86 | 191.5       | 65.91 | 217.4       | 73.65 | 252.2       | 86.60 |
|        | 41                              | 121.1                        | 44.18 | 133.6       | 48.96 | 162.2       | 61.08 | 176.6       | 68.01 | 191.5       | 75.03 | 217.4       | 82.01 | 251.4       | 96.55 |
|        | 43                              | 121.1                        | 50.43 | 133.6       | 55.42 | 162.2       | 69.09 | 176.6       | 76.75 | 191.5       | 84.78 | 217.4       | 90.66 | 241.0       | 104.0 |
|        | 46                              | 117.5                        | 58.99 | 129.2       | 65.64 | 157.0       | 81.62 | 170.8       | 89.42 | 184.9       | 99.79 | 210.3       | 108.9 | 235.8       | 128.4 |
|        | 48                              | 103.8                        | 52.12 | 114.4       | 58.08 | 139.0       | 72.01 | 151.2       | 78.68 | 172.8       | 95.20 | 200.4       | 106.7 | 216.5       | 119.8 |
|        | 50                              | 90.40                        | 45.09 | 99.50       | 50.30 | 121.3       | 62.40 | 141.3       | 74.85 | 165.4       | 94.13 | 182.1       | 97.60 | 184.1       | 99.49 |
|        | 52                              | 76.70                        | 37.92 | 84.30       | 42.33 | 114.6       | 61.93 | 133.7       | 75.51 | 143.5       | 85.43 | 145.4       | 77.89 | 148.8       | 79.47 |
| 70     | 10                              | 33.70                        | 4.65  | 51.30       | 6.55  | 68.90       | 9.23  | 73.30       | 9.94  | 77.20       | 10.42 | 86.60       | 11.68 | 97.60       | 13.20 |
|        | 12                              | 33.70                        | 3.78  | 51.30       | 6.23  | 68.90       | 8.75  | 73.30       | 9.30  | 77.20       | 9.71  | 86.60       | 10.88 | 97.60       | 12.25 |
|        | 14                              | 33.70                        | 3.64  | 51.30       | 5.90  | 68.90       | 8.22  | 73.30       | 8.67  | 77.20       | 9.03  | 86.60       | 10.13 | 97.60       | 11.41 |
|        | 16                              | 33.70                        | 3.53  | 51.30       | 5.64  | 68.90       | 7.70  | 73.30       | 8.17  | 77.20       | 8.46  | 86.60       | 9.44  | 97.60       | 10.69 |
|        | 18                              | 33.70                        | 3.38  | 51.30       | 5.35  | 68.90       | 7.32  | 73.30       | 7.72  | 77.20       | 7.97  | 86.60       | 8.87  | 97.60       | 10.11 |
|        | 20                              | 33.70                        | 3.24  | 51.30       | 5.12  | 68.90       | 6.98  | 73.30       | 7.41  | 77.20       | 7.69  | 86.60       | 8.63  | 97.60       | 10.10 |
|        | 21                              | 38.30                        | 3.66  | 55.30       | 5.54  | 72.50       | 7.63  | 76.80       | 8.10  | 80.70       | 8.46  | 90.00       | 9.58  | 101.0       | 11.73 |
|        | 23                              | 47.30                        | 10.17 | 63.50       | 12.69 | 80.30       | 13.80 | 84.20       | 14.16 | 87.70       | 14.33 | 96.70       | 15.80 | 107.3       | 17.52 |
|        | 25                              | 56.40                        | 12.45 | 72.10       | 14.03 | 88.10       | 15.76 | 91.70       | 16.20 | 95.10       | 16.34 | 103.4       | 17.95 | 114.0       | 19.51 |
|        | 27                              | 65.80                        | 14.37 | 80.70       | 16.29 | 96.00       | 18.25 | 99.50       | 18.61 | 102.2       | 19.06 | 110.5       | 21.02 | 127.7       | 23.95 |
|        | 29                              | 75.50                        | 17.01 | 89.30       | 19.00 | 104.2       | 21.74 | 107.3       | 22.37 | 110.0       | 22.86 | 122.9       | 26.19 | 150.8       | 32.33 |
|        | 31                              | 85.40                        | 20.54 | 98.40       | 23.20 | 112.4       | 26.22 | 115.2       | 26.90 | 123.8       | 28.67 | 145.3       | 34.54 | 174.3       | 41.79 |
|        | 33                              | 95.50                        | 24.83 | 107.7       | 27.50 | 121.1       | 30.94 | 132.4       | 33.86 | 145.7       | 37.43 | 167.6       | 44.79 | 197.4       | 53.87 |
|        | 35                              | 106.1                        | 29.80 | 117.2       | 32.84 | 141.9       | 40.21 | 154.3       | 44.29 | 167.3       | 48.71 | 189.9       | 57.87 | 220.9       | 68.78 |
|        | 37                              | 106.1                        | 31.65 | 117.2       | 34.73 | 141.9       | 42.72 | 154.3       | 47.17 | 167.3       | 51.90 | 189.9       | 61.67 | 220.9       | 72.64 |
|        | 39                              | 106.1                        | 33.58 | 117.2       | 37.04 | 141.9       | 45.73 | 154.3       | 50.79 | 167.3       | 56.10 | 189.9       | 66.03 | 220.9       | 78.30 |
|        | 41                              | 106.1                        | 38.51 | 117.2       | 42.10 | 141.9       | 52.06 | 154.3       | 57.79 | 167.3       | 63.26 | 189.9       | 75.18 | 220.9       | 87.52 |
|        | 43                              | 106.1                        | 43.44 | 117.2       | 47.59 | 141.9       | 58.90 | 154.3       | 65.32 | 167.3       | 71.56 | 189.9       | 85.03 | 220.9       | 97.94 |
|        | 46                              | 102.6                        | 50.72 | 113.5       | 56.25 | 137.5       | 69.70 | 149.6       | 76.36 | 162.1       | 84.52 | 183.7       | 100.4 | 213.8       | 114.1 |
|        | 48                              | 90.90                        | 44.82 | 100.6       | 49.76 | 121.5       | 61.61 | 132.3       | 67.42 | 143.3       | 74.60 | 162.6       | 88.44 | 194.2       | 103.4 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 79.10                        | 38.74 | 87.30       | 43.08 | 105.8       | 53.29 | 115.1       | 58.22 | 126.6       | 65.70 | 152.6       | 85.09 | 185.8       | 100.7 |
|        | 52                              | 67.30                        | 32.54 | 74.10       | 36.23 | 89.70       | 44.78 | 103.1       | 52.98 | 120.1       | 66.20 | 140.4       | 83.08 | 155.5       | 84.41 |
| 60     | 10                              | 29.00                        | 4.25  | 43.90       | 5.84  | 59.10       | 7.68  | 62.70       | 8.37  | 66.20       | 8.88  | 74.40       | 10.13 | 83.80       | 11.59 |
|        | 12                              | 29.00                        | 3.07  | 43.90       | 5.04  | 59.10       | 7.30  | 62.70       | 7.89  | 66.20       | 8.37  | 74.40       | 9.49  | 83.80       | 10.85 |
|        | 14                              | 29.00                        | 2.96  | 43.90       | 4.86  | 59.10       | 6.94  | 62.70       | 7.45  | 66.20       | 7.85  | 74.40       | 8.89  | 83.80       | 10.13 |
|        | 16                              | 29.00                        | 2.89  | 43.90       | 4.68  | 59.10       | 6.56  | 62.70       | 7.04  | 66.20       | 7.43  | 74.40       | 8.36  | 83.80       | 9.49  |
|        | 18                              | 29.00                        | 2.81  | 43.90       | 4.49  | 59.10       | 6.23  | 62.70       | 6.66  | 66.20       | 7.01  | 74.40       | 7.84  | 83.80       | 8.99  |
|        | 20                              | 29.00                        | 2.70  | 43.90       | 4.30  | 59.10       | 5.97  | 62.70       | 6.39  | 66.20       | 6.68  | 74.40       | 7.53  | 83.80       | 8.73  |
|        | 21                              | 32.60                        | 3.04  | 47.40       | 4.61  | 62.30       | 6.46  | 65.90       | 6.88  | 69.30       | 7.21  | 77.20       | 8.14  | 86.60       | 9.67  |
|        | 23                              | 40.40                        | 7.05  | 54.40       | 10.31 | 68.90       | 12.81 | 72.10       | 13.09 | 75.20       | 13.18 | 83.00       | 14.45 | 92.10       | 16.36 |
|        | 25                              | 48.60                        | 11.50 | 61.50       | 12.66 | 75.50       | 14.15 | 78.70       | 14.55 | 81.40       | 14.79 | 88.90       | 16.21 | 97.90       | 18.36 |
|        | 27                              | 56.40                        | 12.79 | 68.90       | 14.38 | 82.20       | 16.17 | 85.10       | 16.58 | 87.70       | 16.83 | 94.80       | 18.36 | 109.3       | 21.82 |
|        | 29                              | 64.60                        | 14.92 | 76.40       | 16.68 | 89.30       | 18.83 | 92.00       | 19.36 | 94.00       | 19.79 | 105.4       | 22.47 | 129.3       | 28.71 |
|        | 31                              | 73.20                        | 17.63 | 84.20       | 19.83 | 96.40       | 22.55 | 98.80       | 23.20 | 106.1       | 24.67 | 124.6       | 29.39 | 149.3       | 36.88 |
|        | 33                              | 81.90                        | 21.17 | 92.00       | 23.47 | 103.8       | 26.47 | 113.6       | 28.88 | 124.6       | 31.69 | 143.8       | 37.42 | 169.3       | 46.87 |
|        | 35                              | 90.90                        | 25.29 | 100.2       | 27.91 | 121.8       | 33.82 | 132.4       | 37.02 | 143.3       | 40.43 | 162.9       | 47.63 | 189.3       | 59.20 |
|        | 37                              | 90.90                        | 26.70 | 100.2       | 29.44 | 121.8       | 35.82 | 132.4       | 39.36 | 143.3       | 42.93 | 162.9       | 50.58 | 189.3       | 63.01 |
|        | 39                              | 90.90                        | 28.35 | 100.2       | 31.33 | 121.8       | 38.67 | 132.4       | 42.24 | 143.3       | 46.24 | 162.9       | 54.31 | 189.3       | 67.59 |
|        | 41                              | 90.90                        | 31.90 | 100.2       | 35.56 | 121.8       | 43.55 | 132.4       | 47.92 | 143.3       | 52.11 | 162.9       | 61.84 | 189.3       | 76.19 |
|        | 43                              | 90.90                        | 35.96 | 100.2       | 40.15 | 121.8       | 49.27 | 132.4       | 54.15 | 143.3       | 58.91 | 162.9       | 69.99 | 189.3       | 86.21 |
|        | 46                              | 88.10                        | 42.44 | 97.10       | 47.42 | 117.9       | 58.25 | 128.1       | 63.98 | 138.6       | 69.63 | 157.8       | 82.75 | 183.3       | 103.0 |
|        | 48                              | 77.60                        | 37.55 | 85.70       | 41.90 | 104.2       | 51.54 | 113.3       | 56.51 | 122.6       | 61.50 | 139.5       | 73.12 | 162.1       | 91.03 |
|        | 50                              | 67.70                        | 32.46 | 74.40       | 36.27 | 90.80       | 44.58 | 98.70       | 48.88 | 106.5       | 53.19 | 121.4       | 63.20 | 141.0       | 78.69 |
|        | 52                              | 57.50                        | 27.20 | 63.40       | 30.48 | 76.90       | 37.49 | 83.80       | 41.03 | 90.80       | 44.65 | 107.1       | 56.41 | 130.3       | 75.46 |
| 50     | 10                              | 24.30                        | 4.20  | 36.80       | 5.28  | 49.30       | 6.54  | 52.50       | 6.70  | 55.20       | 7.10  | 61.80       | 8.14  | 69.70       | 9.40  |
|        | 12                              | 24.30                        | 2.84  | 36.80       | 3.91  | 49.30       | 5.73  | 52.50       | 6.30  | 55.20       | 6.80  | 61.80       | 7.77  | 69.70       | 8.92  |
|        | 14                              | 24.30                        | 2.55  | 36.80       | 3.80  | 49.30       | 5.51  | 52.50       | 6.01  | 55.20       | 6.44  | 61.80       | 7.32  | 69.70       | 8.40  |
|        | 16                              | 24.30                        | 2.51  | 36.80       | 3.69  | 49.30       | 5.28  | 52.50       | 5.75  | 55.20       | 6.10  | 61.80       | 6.95  | 69.70       | 7.95  |
|        | 18                              | 24.30                        | 2.43  | 36.80       | 3.54  | 49.30       | 5.06  | 52.50       | 5.49  | 55.20       | 5.81  | 61.80       | 6.58  | 69.70       | 7.54  |
|        | 20                              | 24.30                        | 2.35  | 36.80       | 3.43  | 49.30       | 4.88  | 52.50       | 5.26  | 55.20       | 5.58  | 61.80       | 6.31  | 69.70       | 7.28  |
|        | 21                              | 27.40                        | 2.47  | 39.60       | 3.69  | 52.10       | 5.18  | 54.90       | 5.57  | 57.60       | 5.89  | 64.20       | 6.65  | 72.10       | 7.84  |
|        | 23                              | 33.70                        | 4.83  | 45.50       | 6.88  | 57.20       | 11.59 | 60.30       | 12.01 | 62.60       | 12.15 | 68.90       | 13.09 | 76.80       | 14.54 |
|        | 25                              | 46.10                        | 11.26 | 51.40       | 11.37 | 63.00       | 12.57 | 65.40       | 12.85 | 67.70       | 13.11 | 74.00       | 14.32 | 81.50       | 16.19 |
|        | 27                              | 47.20                        | 11.42 | 57.60       | 12.51 | 68.60       | 14.14 | 70.90       | 14.51 | 72.90       | 14.74 | 79.00       | 16.13 | 91.30       | 18.83 |
|        | 29                              | 54.10                        | 13.04 | 63.90       | 14.37 | 74.40       | 16.10 | 76.70       | 16.53 | 78.30       | 16.81 | 87.70       | 18.94 | 107.8       | 23.70 |
|        | 31                              | 61.10                        | 15.09 | 70.50       | 16.66 | 80.30       | 18.95 | 82.30       | 19.43 | 88.20       | 20.78 | 103.7       | 24.57 | 124.6       | 30.32 |
|        | 33                              | 68.50                        | 17.95 | 77.20       | 19.64 | 86.60       | 22.17 | 94.70       | 24.05 | 103.8       | 26.34 | 119.5       | 30.75 | 141.1       | 37.80 |
|        | 35                              | 76.00                        | 21.16 | 83.90       | 23.04 | 101.5       | 27.88 | 110.4       | 30.39 | 119.4       | 32.89 | 135.5       | 38.19 | 157.8       | 46.97 |
|        | 37                              | 76.00                        | 22.35 | 83.90       | 24.31 | 101.5       | 29.47 | 110.4       | 32.15 | 119.4       | 34.81 | 135.5       | 40.74 | 157.8       | 49.89 |
|        | 39                              | 76.00                        | 23.77 | 83.90       | 25.99 | 101.5       | 31.58 | 110.4       | 34.62 | 119.4       | 37.38 | 135.5       | 43.45 | 157.8       | 53.90 |
|        | 41                              | 76.00                        | 26.57 | 83.90       | 29.16 | 101.5       | 35.84 | 110.4       | 38.88 | 119.4       | 42.02 | 135.5       | 49.42 | 157.8       | 60.76 |
|        | 43                              | 76.00                        | 29.84 | 83.90       | 32.85 | 101.5       | 40.41 | 110.4       | 43.91 | 119.4       | 47.47 | 135.5       | 55.89 | 157.8       | 68.70 |
|        | 46                              | 73.60                        | 34.89 | 81.40       | 38.80 | 98.30       | 47.66 | 106.9       | 51.85 | 115.2       | 56.00 | 131.2       | 66.10 | 152.8       | 81.25 |
|        | 48                              | 65.00                        | 30.71 | 71.70       | 34.35 | 87.00       | 42.08 | 94.70       | 45.83 | 101.9       | 49.48 | 116.0       | 58.44 | 135.1       | 71.82 |
|        | 50                              | 56.40                        | 26.52 | 62.30       | 29.81 | 75.60       | 36.37 | 82.20       | 39.60 | 88.60       | 42.75 | 100.7       | 50.58 | 117.6       | 62.15 |
|        | 52                              | 48.20                        | 22.22 | 53.20       | 25.15 | 64.20       | 30.52 | 70.10       | 33.28 | 75.20       | 35.90 | 85.80       | 42.51 | 100.2       | 52.24 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM960LTE6

| Combi. | Outdoor Air Temp. (°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                            | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                            | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 130    | 10                         | 72.40                        | 8.40  | 109.6       | 11.52 | 136.4       | 12.76 | 139.2       | 11.80 | 141.2       | 10.96 | 148.4       | 10.60 | 154.4       | 10.56 |
|        | 12                         | 72.40                        | 7.88  | 109.6       | 10.80 | 136.4       | 12.12 | 139.2       | 11.16 | 141.2       | 10.52 | 148.4       | 10.20 | 154.4       | 10.32 |
|        | 14                         | 72.40                        | 7.40  | 109.6       | 10.20 | 136.4       | 11.56 | 139.2       | 10.72 | 141.2       | 10.20 | 148.4       | 10.00 | 154.4       | 10.20 |
|        | 16                         | 72.40                        | 7.04  | 109.6       | 9.64  | 136.4       | 11.24 | 139.2       | 10.56 | 141.2       | 10.16 | 148.4       | 10.04 | 154.4       | 10.36 |
|        | 18                         | 72.40                        | 6.72  | 109.6       | 9.44  | 136.4       | 11.12 | 139.2       | 10.76 | 141.2       | 10.48 | 148.4       | 10.56 | 154.4       | 11.32 |
|        | 20                         | 72.40                        | 6.52  | 109.6       | 9.60  | 136.4       | 11.80 | 139.2       | 12.24 | 141.2       | 12.40 | 148.4       | 13.12 | 154.4       | 14.76 |
|        | 21                         | 82.00                        | 7.80  | 118.4       | 11.68 | 143.6       | 15.40 | 146.0       | 16.32 | 147.6       | 15.96 | 154.0       | 16.28 | 159.6       | 17.04 |
|        | 23                         | 101.2                        | 16.56 | 136.0       | 18.16 | 158.4       | 19.04 | 160.0       | 21.44 | 160.4       | 21.24 | 165.6       | 21.68 | 170.0       | 22.64 |
|        | 25                         | 121.2                        | 20.16 | 153.6       | 22.40 | 174.0       | 24.32 | 174.0       | 28.88 | 173.6       | 28.76 | 177.2       | 29.12 | 180.4       | 30.32 |
|        | 27                         | 141.2                        | 25.48 | 172.0       | 28.68 | 189.6       | 31.76 | 188.8       | 39.08 | 187.2       | 38.64 | 189.2       | 38.72 | 201.6       | 42.96 |
|        | 29                         | 162.0                        | 32.92 | 190.8       | 36.64 | 205.6       | 40.88 | 203.6       | 50.92 | 200.8       | 50.12 | 210.4       | 52.48 | 240.8       | 64.48 |
|        | 31                         | 183.2                        | 41.72 | 210.4       | 45.20 | 222.4       | 51.72 | 218.8       | 59.96 | 226.0       | 63.04 | 246.8       | 70.80 | 280.4       | 86.80 |
|        | 33                         | 205.2                        | 52.56 | 230.0       | 56.96 | 239.2       | 65.60 | 251.2       | 77.20 | 265.6       | 84.72 | 284.8       | 93.44 | 324.4       | 113.0 |
|        | 35                         | 227.6                        | 66.36 | 250.4       | 70.80 | 280.4       | 96.00 | 292.0       | 102.8 | 306.0       | 111.1 | 339.2       | 122.6 | 382.0       | 139.9 |
|        | 37                         | 227.6                        | 70.80 | 250.4       | 75.28 | 278.4       | 95.96 | 289.2       | 102.8 | 322.4       | 118.3 | 357.6       | 130.8 | 378.0       | 138.0 |
|        | 39                         | 227.6                        | 75.44 | 250.4       | 80.48 | 275.6       | 95.88 | 307.2       | 111.3 | 341.6       | 127.0 | 365.6       | 134.2 | 372.4       | 135.7 |
|        | 41                         | 227.6                        | 83.00 | 243.2       | 86.12 | 285.6       | 105.2 | 317.6       | 122.7 | 341.2       | 132.1 | 351.2       | 133.3 | 356.4       | 134.7 |
|        | 43                         | 227.6                        | 90.68 | 232.8       | 85.16 | 297.2       | 116.5 | 321.2       | 129.6 | 327.6       | 130.3 | 337.6       | 131.3 | 342.8       | 133.9 |
|        | 46                         | 220.0                        | 101.6 | 232.8       | 97.24 | 288.8       | 126.8 | 293.2       | 127.3 | 300.0       | 128.3 | 308.8       | 129.0 | 314.0       | 131.7 |
|        | 48                         | 194.8                        | 99.56 | 221.6       | 110.2 | 251.2       | 124.9 | 255.6       | 125.4 | 260.8       | 126.4 | 268.8       | 127.1 | 272.8       | 129.2 |
|        | 50                         | 177.2                        | 103.7 | 206.0       | 123.4 | 213.2       | 123.0 | 217.6       | 123.4 | 221.6       | 124.5 | 229.6       | 125.2 | 232.0       | 126.7 |
|        | 52                         | 168.4                        | 123.2 | 163.2       | 123.3 | 172.8       | 123.4 | 176.4       | 123.4 | 180.8       | 125.3 | 187.6       | 125.6 | 192.0       | 127.6 |
| 120    | 10                         | 65.60                        | 7.68  | 99.20       | 10.96 | 125.6       | 12.84 | 128.4       | 12.76 | 130.4       | 11.64 | 137.6       | 11.04 | 143.6       | 11.04 |
|        | 12                         | 65.60                        | 7.24  | 99.20       | 10.28 | 125.6       | 12.16 | 128.4       | 11.88 | 130.4       | 11.08 | 137.6       | 10.72 | 143.6       | 10.80 |
|        | 14                         | 65.60                        | 6.88  | 99.20       | 9.68  | 125.6       | 11.60 | 128.4       | 11.36 | 130.4       | 10.64 | 137.6       | 10.44 | 143.6       | 10.60 |
|        | 16                         | 65.60                        | 6.52  | 99.20       | 9.20  | 125.6       | 11.12 | 128.4       | 10.92 | 130.4       | 10.44 | 137.6       | 10.28 | 143.6       | 10.60 |
|        | 18                         | 65.60                        | 6.20  | 99.20       | 8.88  | 125.6       | 10.88 | 128.4       | 10.88 | 130.4       | 10.56 | 137.6       | 10.52 | 143.6       | 11.04 |
|        | 20                         | 65.60                        | 6.00  | 99.20       | 8.88  | 125.6       | 11.36 | 128.4       | 11.52 | 130.4       | 11.44 | 137.6       | 11.80 | 143.6       | 13.16 |
|        | 21                         | 74.00                        | 7.12  | 106.8       | 10.64 | 132.4       | 14.52 | 134.8       | 15.04 | 136.4       | 14.96 | 142.8       | 14.88 | 148.0       | 15.40 |
|        | 23                         | 91.60                        | 15.84 | 122.8       | 17.68 | 146.0       | 18.92 | 147.6       | 18.72 | 148.4       | 18.76 | 153.6       | 18.52 | 157.6       | 19.20 |
|        | 25                         | 109.6                        | 19.12 | 138.8       | 21.56 | 160.4       | 23.52 | 160.4       | 23.56 | 160.4       | 23.92 | 164.8       | 23.76 | 167.6       | 24.52 |
|        | 27                         | 127.6                        | 23.56 | 155.6       | 27.24 | 174.8       | 29.72 | 174.0       | 30.12 | 172.8       | 30.76 | 176.0       | 30.80 | 187.2       | 33.76 |
|        | 29                         | 146.4                        | 30.20 | 172.4       | 34.68 | 189.6       | 36.52 | 187.6       | 37.72 | 185.6       | 38.72 | 195.2       | 40.76 | 221.6       | 48.96 |
|        | 31                         | 165.6                        | 38.12 | 189.6       | 42.92 | 204.8       | 44.24 | 202.0       | 47.40 | 209.2       | 52.00 | 230.8       | 59.08 | 256.0       | 70.00 |
|        | 33                         | 185.6                        | 47.64 | 207.6       | 53.16 | 220.4       | 54.60 | 231.6       | 66.52 | 246.0       | 75.36 | 266.4       | 83.64 | 290.0       | 97.76 |
|        | 35                         | 205.6                        | 59.56 | 226.0       | 65.84 | 258.4       | 77.36 | 270.4       | 98.44 | 282.4       | 105.8 | 301.6       | 114.1 | 338.4       | 130.2 |
|        | 37                         | 205.6                        | 64.12 | 226.0       | 69.48 | 258.4       | 84.24 | 270.4       | 98.32 | 284.0       | 106.6 | 317.2       | 120.1 | 356.8       | 137.8 |
|        | 39                         | 205.6                        | 69.08 | 226.0       | 73.64 | 258.4       | 91.48 | 270.8       | 98.56 | 302.4       | 115.4 | 336.8       | 127.9 | 356.4       | 136.6 |
|        | 41                         | 205.6                        | 76.76 | 226.0       | 81.80 | 254.0       | 93.28 | 282.4       | 108.1 | 314.0       | 126.2 | 336.4       | 132.9 | 342.0       | 135.0 |
|        | 43                         | 205.6                        | 84.96 | 224.4       | 84.08 | 264.4       | 102.0 | 294.0       | 118.6 | 313.6       | 129.7 | 322.4       | 129.8 | 328.4       | 132.8 |
|        | 46                         | 199.2                        | 95.80 | 207.2       | 84.20 | 275.2       | 121.9 | 282.4       | 125.4 | 286.8       | 125.8 | 295.2       | 126.2 | 300.8       | 129.2 |
|        | 48                         | 176.4                        | 94.72 | 197.2       | 95.60 | 242.0       | 123.3 | 245.2       | 123.9 | 249.6       | 124.6 | 257.2       | 125.2 | 261.2       | 126.9 |
|        | 50                         | 153.2                        | 93.56 | 183.6       | 108.4 | 205.6       | 122.4 | 209.2       | 123.2 | 212.0       | 123.2 | 218.8       | 123.7 | 222.8       | 125.2 |
|        | 52                         | 141.6                        | 104.7 | 156.8       | 120.3 | 165.2       | 123.3 | 168.0       | 123.7 | 171.6       | 123.8 | 177.6       | 124.8 | 183.2       | 126.0 |
| 110    | 10                         | 58.80                        | 6.96  | 89.20       | 10.24 | 115.2       | 12.44 | 117.6       | 12.52 | 123.6       | 12.24 | 126.4       | 11.72 | 137.2       | 11.56 |
|        | 12                         | 58.80                        | 6.60  | 89.20       | 9.64  | 115.2       | 11.76 | 117.6       | 11.72 | 123.6       | 11.60 | 126.4       | 11.20 | 137.2       | 11.24 |
|        | 14                         | 58.80                        | 6.28  | 89.20       | 9.16  | 115.2       | 11.24 | 117.6       | 11.24 | 123.6       | 11.20 | 126.4       | 10.80 | 137.2       | 10.92 |
|        | 16                         | 58.80                        | 5.96  | 89.20       | 8.68  | 115.2       | 10.72 | 117.6       | 10.80 | 123.6       | 10.84 | 126.4       | 10.52 | 137.2       | 10.76 |
|        | 18                         | 58.80                        | 5.68  | 89.20       | 8.32  | 115.2       | 10.60 | 117.6       | 10.68 | 123.6       | 10.80 | 126.4       | 10.52 | 137.2       | 11.00 |
|        | 20                         | 58.80                        | 5.48  | 89.20       | 8.20  | 115.2       | 10.96 | 117.6       | 11.04 | 123.6       | 11.36 | 126.4       | 11.32 | 137.2       | 12.40 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 110    | 21                               | 66.40                        | 6.40  | 96.00       | 9.60  | 121.6       | 13.52 | 123.6       | 13.88 | 129.2       | 14.56 | 131.2       | 14.72 | 141.6       | 15.24 |
|        | 23                               | 82.00                        | 15.00 | 110.0       | 16.88 | 134.0       | 18.28 | 135.2       | 17.96 | 140.4       | 18.24 | 141.2       | 17.92 | 150.8       | 18.52 |
|        | 25                               | 98.00                        | 17.92 | 124.8       | 20.08 | 147.2       | 22.40 | 147.2       | 22.12 | 152.0       | 22.44 | 151.2       | 21.96 | 160.4       | 23.04 |
|        | 27                               | 114.4                        | 21.80 | 139.6       | 24.96 | 160.4       | 27.80 | 159.6       | 27.48 | 163.6       | 27.64 | 161.6       | 27.20 | 179.2       | 30.80 |
|        | 29                               | 131.6                        | 27.60 | 154.8       | 31.56 | 174.0       | 34.36 | 172.0       | 33.80 | 175.6       | 34.00 | 179.6       | 34.64 | 212.0       | 43.16 |
|        | 31                               | 148.8                        | 34.64 | 170.4       | 38.84 | 188.0       | 41.56 | 185.2       | 40.84 | 198.0       | 44.44 | 212.4       | 48.64 | 244.8       | 59.64 |
|        | 33                               | 166.4                        | 42.96 | 186.4       | 47.72 | 202.4       | 50.28 | 212.4       | 54.00 | 232.8       | 62.56 | 244.8       | 67.40 | 277.2       | 80.96 |
|        | 35                               | 184.4                        | 53.32 | 203.2       | 58.84 | 237.2       | 68.52 | 248.0       | 74.32 | 267.6       | 86.84 | 277.6       | 91.84 | 309.6       | 106.9 |
|        | 37                               | 184.4                        | 56.52 | 203.2       | 62.52 | 237.2       | 72.20 | 248.0       | 80.44 | 267.6       | 93.84 | 277.6       | 98.24 | 312.4       | 114.7 |
|        | 39                               | 184.4                        | 61.00 | 203.2       | 66.48 | 237.2       | 77.28 | 248.0       | 88.16 | 267.6       | 100.4 | 292.8       | 112.2 | 332.0       | 130.6 |
|        | 41                               | 184.4                        | 67.88 | 203.2       | 72.96 | 237.2       | 85.52 | 248.0       | 101.0 | 275.6       | 116.0 | 306.0       | 132.5 | 326.8       | 143.8 |
|        | 43                               | 184.4                        | 73.92 | 203.2       | 78.64 | 232.0       | 94.00 | 258.0       | 108.2 | 286.8       | 124.6 | 309.2       | 135.2 | 313.2       | 137.6 |
|        | 46                               | 178.4                        | 75.76 | 196.8       | 79.32 | 240.8       | 109.4 | 268.0       | 125.2 | 274.4       | 128.3 | 282.8       | 128.8 | 286.4       | 130.9 |
|        | 48                               | 158.0                        | 74.40 | 173.6       | 78.64 | 228.8       | 120.6 | 235.2       | 123.0 | 238.4       | 123.8 | 246.0       | 124.2 | 249.6       | 126.3 |
|        | 50                               | 137.6                        | 72.88 | 162.0       | 87.20 | 196.4       | 117.7 | 199.6       | 119.0 | 203.2       | 119.6 | 208.8       | 119.2 | 212.0       | 121.2 |
| 100    | 52                               | 116.4                        | 71.36 | 149.2       | 103.4 | 156.0       | 114.0 | 160.0       | 116.7 | 162.4       | 116.4 | 168.4       | 115.8 | 173.6       | 118.2 |
|        | 10                               | 49.60                        | 6.20  | 74.80       | 9.48  | 100.8       | 11.96 | 107.2       | 12.20 | 112.4       | 12.08 | 124.8       | 12.68 | 129.6       | 12.44 |
|        | 12                               | 49.60                        | 5.92  | 74.80       | 9.00  | 100.8       | 11.24 | 107.2       | 11.36 | 112.4       | 11.36 | 124.8       | 12.16 | 129.6       | 12.04 |
|        | 14                               | 49.60                        | 5.68  | 74.80       | 8.56  | 100.8       | 10.68 | 107.2       | 10.80 | 112.4       | 10.80 | 124.8       | 11.76 | 129.6       | 11.68 |
|        | 16                               | 49.60                        | 5.40  | 74.80       | 8.08  | 100.8       | 10.20 | 107.2       | 10.40 | 112.4       | 10.48 | 124.8       | 11.40 | 129.6       | 11.44 |
|        | 18                               | 49.60                        | 5.12  | 74.80       | 7.72  | 100.8       | 9.84  | 107.2       | 10.16 | 112.4       | 10.40 | 124.8       | 11.36 | 129.6       | 11.48 |
|        | 20                               | 49.60                        | 4.96  | 74.80       | 7.52  | 100.8       | 10.00 | 107.2       | 10.56 | 112.4       | 10.96 | 124.8       | 11.84 | 129.6       | 12.36 |
|        | 21                               | 56.00                        | 5.72  | 80.80       | 8.56  | 106.4       | 12.08 | 112.4       | 12.92 | 117.6       | 13.64 | 129.6       | 14.72 | 133.6       | 15.64 |
|        | 23                               | 69.20                        | 14.20 | 92.40       | 16.00 | 117.2       | 17.76 | 122.8       | 18.04 | 127.6       | 18.24 | 139.2       | 18.48 | 142.4       | 18.44 |
|        | 25                               | 82.40                        | 16.72 | 104.8       | 18.80 | 128.8       | 21.28 | 134.0       | 22.00 | 138.0       | 22.40 | 149.2       | 22.04 | 151.2       | 22.20 |
|        | 27                               | 96.40                        | 20.12 | 117.2       | 22.76 | 140.4       | 26.48 | 145.2       | 27.32 | 148.8       | 27.64 | 159.6       | 27.20 | 169.2       | 29.08 |
|        | 29                               | 110.4                        | 24.88 | 130.0       | 28.48 | 152.4       | 33.00 | 156.4       | 33.88 | 160.0       | 33.80 | 176.8       | 34.56 | 200.0       | 40.36 |
|        | 31                               | 124.8                        | 31.36 | 143.2       | 35.00 | 164.4       | 40.00 | 168.4       | 40.96 | 180.0       | 42.64 | 209.2       | 47.16 | 231.2       | 54.56 |
|        | 33                               | 140.0                        | 38.36 | 156.8       | 42.68 | 177.2       | 48.60 | 193.2       | 54.04 | 212.0       | 56.96 | 241.6       | 63.68 | 262.0       | 72.80 |
|        | 35                               | 155.2                        | 47.24 | 170.4       | 52.12 | 207.6       | 66.12 | 225.6       | 73.88 | 243.6       | 75.96 | 272.4       | 84.68 | 292.4       | 96.32 |
| 90     | 37                               | 155.2                        | 50.64 | 170.4       | 55.96 | 207.6       | 70.04 | 225.6       | 77.32 | 243.6       | 81.04 | 267.6       | 89.28 | 286.4       | 101.8 |
|        | 39                               | 155.2                        | 54.32 | 170.4       | 60.12 | 207.6       | 74.12 | 225.6       | 80.84 | 243.6       | 86.96 | 263.2       | 94.12 | 282.8       | 107.8 |
|        | 41                               | 155.2                        | 59.56 | 170.4       | 66.08 | 207.6       | 80.20 | 225.6       | 88.64 | 243.6       | 95.52 | 262.0       | 104.1 | 296.8       | 125.5 |
|        | 43                               | 155.2                        | 66.04 | 170.4       | 73.32 | 207.6       | 87.56 | 225.6       | 96.40 | 244.4       | 107.5 | 272.0       | 121.2 | 294.4       | 138.3 |
|        | 46                               | 150.0                        | 74.64 | 165.2       | 82.84 | 207.6       | 101.5 | 229.2       | 120.8 | 254.0       | 138.9 | 265.2       | 142.0 | 269.2       | 145.3 |
|        | 48                               | 132.8                        | 65.20 | 146.0       | 72.28 | 196.4       | 100.4 | 218.0       | 118.7 | 223.6       | 121.6 | 230.8       | 122.1 | 234.0       | 124.3 |
|        | 50                               | 115.6                        | 55.52 | 128.8       | 62.72 | 181.2       | 96.28 | 188.0       | 101.0 | 189.2       | 101.0 | 196.0       | 101.3 | 198.8       | 102.9 |
|        | 52                               | 98.00                        | 45.56 | 122.8       | 62.16 | 143.6       | 79.60 | 149.2       | 80.76 | 151.2       | 81.20 | 157.2       | 81.28 | 162.0       | 82.60 |
|        | 10                               | 44.40                        | 5.60  | 67.60       | 8.84  | 90.80       | 11.56 | 96.40       | 11.96 | 101.2       | 12.08 | 113.6       | 12.92 | 128.4       | 13.92 |
|        | 12                               | 44.40                        | 5.32  | 67.60       | 8.28  | 90.80       | 10.72 | 96.40       | 11.08 | 101.2       | 11.24 | 113.6       | 11.96 | 128.4       | 13.08 |
|        | 14                               | 44.40                        | 5.04  | 67.60       | 7.76  | 90.80       | 10.00 | 96.40       | 10.32 | 101.2       | 10.40 | 113.6       | 11.12 | 128.4       | 12.20 |
|        | 16                               | 44.40                        | 4.80  | 67.60       | 7.28  | 90.80       | 9.36  | 96.40       | 9.60  | 101.2       | 9.72  | 113.6       | 10.40 | 128.4       | 11.48 |
|        | 18                               | 44.40                        | 4.52  | 67.60       | 6.84  | 90.80       | 8.80  | 96.40       | 9.12  | 101.2       | 9.24  | 113.6       | 9.92  | 128.4       | 11.36 |
|        | 20                               | 44.40                        | 4.32  | 67.60       | 6.48  | 90.80       | 8.52  | 96.40       | 8.92  | 101.2       | 9.24  | 113.6       | 10.36 | 128.4       | 11.92 |
|        | 21                               | 50.40                        | 4.92  | 72.80       | 7.20  | 95.60       | 9.88  | 101.2       | 10.56 | 105.6       | 11.12 | 118.0       | 12.36 | 132.4       | 15.24 |
|        | 23                               | 62.00                        | 12.60 | 83.60       | 13.96 | 105.6       | 15.56 | 110.8       | 15.88 | 114.8       | 15.92 | 126.8       | 16.64 | 141.2       | 18.48 |
|        | 25                               | 74.00                        | 14.48 | 94.40       | 16.28 | 116.0       | 18.24 | 120.4       | 18.72 | 124.4       | 19.04 | 136.0       | 20.08 | 150.0       | 22.04 |
|        | 27                               | 86.40                        | 17.28 | 105.6       | 19.28 | 126.4       | 22.20 | 130.4       | 22.92 | 134.0       | 23.36 | 145.2       | 24.36 | 167.6       | 28.24 |
|        | 29                               | 99.20                        | 20.80 | 117.2       | 23.80 | 136.8       | 27.56 | 140.8       | 28.36 | 144.0       | 28.84 | 161.2       | 30.88 | 198.0       | 38.56 |
|        | 31                               | 112.4                        | 26.08 | 129.2       | 29.20 | 148.0       | 33.20 | 151.6       | 33.96 | 162.0       | 36.52 | 190.4       | 41.08 | 228.8       | 51.04 |
|        | 33                               | 125.6                        | 31.84 | 141.2       | 35.28 | 159.2       | 40.04 | 174.0       | 44.28 | 190.4       | 49.24 | 220.0       | 54.12 | 257.6       | 66.40 |

## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C, DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|----------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                  | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                  | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 90     | 35                               | 139.6                        | 38.80 | 153.6       | 42.64 | 186.8       | 53.76 | 202.8       | 59.84 | 218.8       | 65.60 | 249.2       | 72.24 | 283.6       | 86.32 |
|        | 37                               | 139.6                        | 41.16 | 153.6       | 45.40 | 186.8       | 57.36 | 202.8       | 63.60 | 218.8       | 69.20 | 249.2       | 76.60 | 278.8       | 90.56 |
|        | 39                               | 139.6                        | 43.64 | 153.6       | 48.32 | 186.8       | 60.72 | 202.8       | 67.64 | 218.8       | 72.60 | 249.2       | 81.80 | 274.8       | 95.24 |
|        | 41                               | 139.6                        | 50.64 | 153.6       | 55.60 | 186.8       | 69.04 | 202.8       | 76.56 | 218.8       | 80.96 | 247.2       | 90.08 | 263.2       | 103.2 |
|        | 43                               | 139.6                        | 56.72 | 153.6       | 62.32 | 186.8       | 78.04 | 202.8       | 85.16 | 218.8       | 89.40 | 239.2       | 99.20 | 267.2       | 119.0 |
|        | 46                               | 135.2                        | 67.12 | 149.2       | 74.60 | 180.8       | 92.88 | 196.4       | 100.6 | 222.4       | 117.1 | 248.8       | 133.2 | 261.2       | 145.2 |
|        | 48                               | 119.2                        | 59.36 | 131.6       | 65.92 | 162.8       | 83.68 | 190.4       | 101.3 | 211.2       | 116.8 | 225.2       | 121.8 | 227.2       | 124.5 |
|        | 50                               | 104.0                        | 51.44 | 114.8       | 57.04 | 155.6       | 82.96 | 182.0       | 100.1 | 184.8       | 103.6 | 191.6       | 101.5 | 192.8       | 103.4 |
|        | 52                               | 88.00                        | 43.24 | 100.0       | 50.20 | 143.2       | 82.36 | 153.2       | 87.88 | 146.0       | 85.68 | 152.8       | 81.28 | 156.4       | 83.12 |
| 80     | 10                               | 39.60                        | 5.20  | 60.00       | 8.16  | 80.40       | 11.12 | 85.60       | 11.72 | 90.40       | 12.04 | 101.2       | 13.28 | 114.0       | 14.36 |
|        | 12                               | 39.60                        | 4.80  | 60.00       | 7.68  | 80.40       | 10.40 | 85.60       | 10.88 | 90.40       | 11.12 | 101.2       | 12.28 | 114.0       | 13.28 |
|        | 14                               | 39.60                        | 4.60  | 60.00       | 7.28  | 80.40       | 9.64  | 85.60       | 10.12 | 90.40       | 10.32 | 101.2       | 11.40 | 114.0       | 12.36 |
|        | 16                               | 39.60                        | 4.36  | 60.00       | 6.84  | 80.40       | 9.04  | 85.60       | 9.44  | 90.40       | 9.64  | 101.2       | 10.68 | 114.0       | 11.56 |
|        | 18                               | 39.60                        | 4.16  | 60.00       | 6.44  | 80.40       | 8.48  | 85.60       | 8.88  | 90.40       | 9.08  | 101.2       | 10.04 | 114.0       | 11.04 |
|        | 20                               | 39.60                        | 4.00  | 60.00       | 6.16  | 80.40       | 8.20  | 85.60       | 8.60  | 90.40       | 8.84  | 101.2       | 10.00 | 114.0       | 11.48 |
|        | 21                               | 44.80                        | 4.52  | 64.40       | 6.72  | 84.80       | 9.16  | 90.00       | 9.68  | 94.40       | 10.16 | 105.2       | 11.68 | 117.6       | 14.04 |
|        | 23                               | 55.20                        | 12.48 | 74.00       | 13.76 | 93.60       | 15.24 | 98.40       | 15.64 | 102.4       | 15.76 | 112.8       | 17.08 | 125.2       | 18.44 |
|        | 25                               | 66.00                        | 14.12 | 83.60       | 15.84 | 102.8       | 17.76 | 107.2       | 18.12 | 110.8       | 18.28 | 121.2       | 19.92 | 133.2       | 21.60 |
|        | 27                               | 76.80                        | 16.56 | 93.60       | 18.52 | 112.0       | 21.04 | 116.0       | 21.64 | 119.6       | 22.04 | 129.2       | 23.84 | 148.8       | 26.96 |
|        | 29                               | 88.00                        | 19.72 | 104.0       | 22.36 | 121.6       | 25.64 | 125.2       | 26.40 | 128.4       | 26.92 | 143.6       | 30.36 | 176.0       | 36.28 |
|        | 31                               | 99.60                        | 24.40 | 114.4       | 27.28 | 131.2       | 30.92 | 134.8       | 31.68 | 144.4       | 33.88 | 169.6       | 40.28 | 203.2       | 47.12 |
|        | 33                               | 111.6                        | 29.64 | 125.2       | 32.80 | 141.2       | 36.92 | 154.8       | 40.76 | 170.0       | 45.24 | 196.0       | 52.68 | 230.4       | 60.72 |
|        | 35                               | 123.6                        | 35.80 | 136.4       | 39.28 | 165.6       | 49.00 | 180.4       | 54.28 | 195.6       | 59.92 | 222.0       | 68.64 | 257.6       | 79.08 |
|        | 37                               | 123.6                        | 37.88 | 136.4       | 41.76 | 165.6       | 52.04 | 180.4       | 57.80 | 195.6       | 63.72 | 222.0       | 72.44 | 257.6       | 84.04 |
|        | 39                               | 123.6                        | 40.00 | 136.4       | 44.20 | 165.6       | 55.72 | 180.4       | 62.16 | 195.6       | 68.44 | 222.0       | 76.48 | 257.6       | 90.00 |
|        | 41                               | 123.6                        | 45.92 | 136.4       | 50.84 | 165.6       | 63.44 | 180.4       | 70.64 | 195.6       | 77.92 | 222.0       | 85.16 | 256.8       | 100.3 |
|        | 43                               | 123.6                        | 52.44 | 136.4       | 57.56 | 165.6       | 71.76 | 180.4       | 79.72 | 195.6       | 88.04 | 222.0       | 94.12 | 246.0       | 108.0 |
|        | 46                               | 120.0                        | 61.36 | 132.0       | 68.20 | 160.4       | 84.80 | 174.4       | 92.88 | 188.8       | 103.6 | 214.4       | 112.8 | 240.4       | 133.3 |
|        | 48                               | 106.0                        | 54.24 | 116.8       | 60.36 | 142.0       | 74.80 | 154.4       | 81.72 | 176.0       | 98.56 | 204.0       | 110.6 | 221.2       | 124.8 |
|        | 50                               | 92.40                        | 46.92 | 101.6       | 52.28 | 123.6       | 64.60 | 143.6       | 77.40 | 168.0       | 97.48 | 186.0       | 101.7 | 188.0       | 103.7 |
|        | 52                               | 78.40                        | 39.48 | 86.00       | 44.00 | 116.8       | 64.80 | 136.0       | 79.32 | 145.2       | 89.24 | 147.2       | 81.40 | 151.2       | 83.12 |
| 70     | 10                               | 34.40                        | 4.84  | 52.40       | 6.88  | 70.40       | 9.68  | 74.80       | 10.40 | 78.80       | 10.88 | 88.40       | 12.16 | 99.60       | 13.72 |
|        | 12                               | 34.40                        | 4.00  | 52.40       | 6.56  | 70.40       | 9.16  | 74.80       | 9.72  | 78.80       | 10.12 | 88.40       | 11.32 | 99.60       | 12.72 |
|        | 14                               | 34.40                        | 3.84  | 52.40       | 6.20  | 70.40       | 8.60  | 74.80       | 9.04  | 78.80       | 9.40  | 88.40       | 10.52 | 99.60       | 11.84 |
|        | 16                               | 34.40                        | 3.72  | 52.40       | 5.92  | 70.40       | 8.04  | 74.80       | 8.52  | 78.80       | 8.80  | 88.40       | 9.80  | 99.60       | 11.08 |
|        | 18                               | 34.40                        | 3.56  | 52.40       | 5.60  | 70.40       | 7.64  | 74.80       | 8.04  | 78.80       | 8.28  | 88.40       | 9.20  | 99.60       | 10.48 |
|        | 20                               | 34.40                        | 3.40  | 52.40       | 5.36  | 70.40       | 7.28  | 74.80       | 7.72  | 78.80       | 8.00  | 88.40       | 8.96  | 99.60       | 10.48 |
|        | 21                               | 39.20                        | 3.84  | 56.40       | 5.80  | 74.00       | 7.96  | 78.40       | 8.44  | 82.40       | 8.80  | 92.00       | 9.96  | 103.2       | 12.20 |
|        | 23                               | 48.40                        | 10.80 | 64.80       | 13.04 | 82.00       | 14.16 | 86.00       | 14.52 | 89.60       | 14.68 | 98.80       | 16.16 | 109.6       | 17.92 |
|        | 25                               | 57.60                        | 12.84 | 73.60       | 14.44 | 90.00       | 16.20 | 93.60       | 16.64 | 97.20       | 16.76 | 105.6       | 18.40 | 116.4       | 20.00 |
|        | 27                               | 67.20                        | 14.84 | 82.40       | 16.80 | 98.00       | 18.80 | 101.6       | 19.16 | 104.4       | 19.64 | 112.8       | 21.64 | 130.4       | 24.68 |
|        | 29                               | 77.20                        | 17.60 | 91.20       | 19.64 | 106.4       | 22.48 | 109.6       | 23.12 | 112.4       | 23.60 | 125.6       | 27.04 | 154.0       | 33.44 |
|        | 31                               | 87.20                        | 21.32 | 100.4       | 24.04 | 114.8       | 27.12 | 117.6       | 27.80 | 126.4       | 29.64 | 148.4       | 35.72 | 178.0       | 43.28 |
|        | 33                               | 97.60                        | 25.80 | 110.0       | 28.52 | 123.6       | 32.04 | 135.2       | 35.08 | 148.8       | 38.80 | 171.2       | 46.44 | 201.6       | 55.92 |
|        | 35                               | 108.4                        | 31.00 | 119.6       | 34.08 | 144.8       | 41.76 | 157.6       | 46.00 | 170.8       | 50.60 | 194.0       | 60.12 | 225.6       | 71.52 |
|        | 37                               | 108.4                        | 32.92 | 119.6       | 36.04 | 144.8       | 44.36 | 157.6       | 49.00 | 170.8       | 53.92 | 194.0       | 64.08 | 225.6       | 75.52 |
|        | 39                               | 108.4                        | 34.92 | 119.6       | 38.44 | 144.8       | 47.48 | 157.6       | 52.76 | 170.8       | 58.28 | 194.0       | 68.60 | 225.6       | 81.40 |
|        | 41                               | 108.4                        | 40.04 | 119.6       | 43.72 | 144.8       | 54.08 | 157.6       | 60.04 | 170.8       | 65.72 | 194.0       | 78.12 | 225.6       | 91.00 |
|        | 43                               | 108.4                        | 45.16 | 119.6       | 49.44 | 144.8       | 61.20 | 157.6       | 67.88 | 170.8       | 74.36 | 194.0       | 88.36 | 225.6       | 101.8 |
|        | 46                               | 104.8                        | 52.76 | 116.0       | 58.44 | 140.4       | 72.44 | 152.8       | 79.36 | 165.6       | 87.84 | 187.6       | 104.3 | 218.4       | 118.6 |
|        | 48                               | 92.80                        | 46.64 | 102.8       | 51.72 | 124.0       | 64.04 | 135.2       | 70.08 | 146.4       | 77.52 | 166.0       | 91.88 | 197.6       | 107.1 |



## 7. Capacity Tables

| Combi. | Outdoor<br>Air Temp.<br>(°C,DB) | Indoor Air Temp. (°C, DB/WB) |       |             |       |             |       |             |       |             |       |             |       |             |       |
|--------|---------------------------------|------------------------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
|        |                                 | 20.0 / 14.0                  |       | 23.0 / 16.0 |       | 26.0 / 18.0 |       | 27.0 / 19.0 |       | 28.0 / 20.0 |       | 30.0 / 22.0 |       | 32.0 / 24.0 |       |
|        |                                 | TC                           | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    | TC          | PI    |
| 70     | 50                              | 80.80                        | 40.32 | 89.20       | 44.80 | 108.0       | 55.40 | 117.6       | 60.52 | 128.8       | 67.88 | 155.2       | 88.08 | 189.6       | 104.8 |
|        | 52                              | 68.80                        | 33.88 | 75.60       | 37.68 | 91.60       | 46.56 | 105.2       | 55.28 | 122.4       | 69.44 | 142.0       | 86.76 | 158.0       | 88.28 |
| 60     | 10                              | 29.60                        | 4.40  | 44.80       | 6.08  | 60.40       | 8.08  | 64.00       | 8.80  | 67.60       | 9.32  | 76.00       | 10.60 | 85.60       | 12.12 |
|        | 12                              | 29.60                        | 3.24  | 44.80       | 5.32  | 60.40       | 7.68  | 64.00       | 8.28  | 67.60       | 8.76  | 76.00       | 9.92  | 85.60       | 11.32 |
|        | 14                              | 29.60                        | 3.12  | 44.80       | 5.12  | 60.40       | 7.28  | 64.00       | 7.80  | 67.60       | 8.20  | 76.00       | 9.28  | 85.60       | 10.56 |
|        | 16                              | 29.60                        | 3.04  | 44.80       | 4.92  | 60.40       | 6.88  | 64.00       | 7.36  | 67.60       | 7.76  | 76.00       | 8.72  | 85.60       | 9.88  |
|        | 18                              | 29.60                        | 2.96  | 44.80       | 4.72  | 60.40       | 6.52  | 64.00       | 6.96  | 67.60       | 7.32  | 76.00       | 8.16  | 85.60       | 9.36  |
|        | 20                              | 29.60                        | 2.84  | 44.80       | 4.52  | 60.40       | 6.24  | 64.00       | 6.68  | 67.60       | 6.96  | 76.00       | 7.84  | 85.60       | 9.08  |
|        | 21                              | 33.20                        | 3.20  | 48.40       | 4.84  | 63.60       | 6.76  | 67.20       | 7.20  | 70.80       | 7.52  | 78.80       | 8.48  | 88.40       | 10.08 |
|        | 23                              | 41.20                        | 7.48  | 55.60       | 10.92 | 70.40       | 13.16 | 73.60       | 13.44 | 76.80       | 13.52 | 84.80       | 14.80 | 94.00       | 16.76 |
|        | 25                              | 49.20                        | 11.80 | 62.80       | 13.04 | 77.20       | 14.56 | 80.40       | 14.96 | 83.20       | 15.20 | 90.80       | 16.64 | 100.0       | 18.84 |
|        | 27                              | 57.60                        | 13.20 | 70.40       | 14.84 | 84.00       | 16.68 | 86.80       | 17.08 | 89.60       | 17.32 | 96.80       | 18.88 | 111.6       | 22.48 |
|        | 29                              | 66.00                        | 15.44 | 78.00       | 17.24 | 91.20       | 19.48 | 94.00       | 20.00 | 96.00       | 20.44 | 107.6       | 23.20 | 132.0       | 29.68 |
|        | 31                              | 74.80                        | 18.28 | 86.00       | 20.56 | 98.40       | 23.36 | 100.8       | 24.00 | 108.4       | 25.52 | 127.2       | 30.40 | 152.4       | 38.20 |
|        | 33                              | 83.60                        | 22.00 | 94.00       | 24.36 | 106.0       | 27.44 | 116.0       | 29.92 | 127.2       | 32.84 | 146.8       | 38.80 | 172.8       | 48.64 |
|        | 35                              | 92.80                        | 26.32 | 102.4       | 29.00 | 124.4       | 35.12 | 135.2       | 38.44 | 146.4       | 42.00 | 166.4       | 49.48 | 193.2       | 61.56 |
|        | 37                              | 92.80                        | 27.80 | 102.4       | 30.60 | 124.4       | 37.20 | 135.2       | 40.88 | 146.4       | 44.60 | 166.4       | 52.56 | 193.2       | 65.52 |
|        | 39                              | 92.80                        | 29.52 | 102.4       | 32.56 | 124.4       | 40.16 | 135.2       | 43.88 | 146.4       | 48.04 | 166.4       | 56.44 | 193.2       | 70.28 |
|        | 41                              | 92.80                        | 33.24 | 102.4       | 36.96 | 124.4       | 45.24 | 135.2       | 49.80 | 146.4       | 54.16 | 166.4       | 64.28 | 193.2       | 79.24 |
|        | 43                              | 92.80                        | 37.48 | 102.4       | 41.72 | 124.4       | 51.20 | 135.2       | 56.28 | 146.4       | 61.24 | 166.4       | 72.76 | 193.2       | 89.68 |
|        | 46                              | 90.00                        | 44.28 | 99.20       | 49.28 | 120.4       | 60.56 | 130.8       | 66.52 | 141.6       | 72.40 | 161.2       | 86.04 | 187.2       | 107.2 |
|        | 48                              | 79.20                        | 39.20 | 87.60       | 43.56 | 106.4       | 53.60 | 115.6       | 58.76 | 125.2       | 63.96 | 142.4       | 76.04 | 165.6       | 94.72 |
|        | 50                              | 69.20                        | 33.88 | 76.00       | 37.72 | 92.80       | 46.36 | 100.8       | 50.84 | 108.8       | 55.32 | 124.0       | 65.72 | 144.0       | 81.88 |
|        | 52                              | 58.80                        | 28.36 | 64.80       | 31.72 | 78.40       | 39.00 | 85.60       | 42.68 | 92.80       | 46.44 | 109.2       | 58.84 | 132.8       | 79.04 |
| 50     | 10                              | 24.80                        | 4.28  | 37.60       | 5.48  | 50.40       | 6.80  | 53.60       | 6.96  | 56.40       | 7.48  | 63.20       | 8.56  | 71.20       | 9.88  |
|        | 12                              | 24.80                        | 2.88  | 37.60       | 4.12  | 50.40       | 6.04  | 53.60       | 6.64  | 56.40       | 7.16  | 63.20       | 8.16  | 71.20       | 9.36  |
|        | 14                              | 24.80                        | 2.64  | 37.60       | 4.00  | 50.40       | 5.80  | 53.60       | 6.32  | 56.40       | 6.76  | 63.20       | 7.68  | 71.20       | 8.80  |
|        | 16                              | 24.80                        | 2.60  | 37.60       | 3.88  | 50.40       | 5.56  | 53.60       | 6.04  | 56.40       | 6.40  | 63.20       | 7.28  | 71.20       | 8.32  |
|        | 18                              | 24.80                        | 2.52  | 37.60       | 3.72  | 50.40       | 5.32  | 53.60       | 5.76  | 56.40       | 6.08  | 63.20       | 6.88  | 71.20       | 7.88  |
|        | 20                              | 24.80                        | 2.44  | 37.60       | 3.60  | 50.40       | 5.12  | 53.60       | 5.52  | 56.40       | 5.84  | 63.20       | 6.60  | 71.20       | 7.60  |
|        | 21                              | 28.00                        | 2.60  | 40.40       | 3.88  | 53.20       | 5.44  | 56.00       | 5.84  | 58.80       | 6.16  | 65.60       | 6.96  | 73.60       | 8.20  |
|        | 23                              | 34.40                        | 5.12  | 46.40       | 7.28  | 58.40       | 12.04 | 61.60       | 12.36 | 64.00       | 12.48 | 70.40       | 13.44 | 78.40       | 14.92 |
|        | 25                              | 46.40                        | 11.52 | 52.40       | 11.72 | 64.40       | 12.96 | 66.80       | 13.24 | 69.20       | 13.48 | 75.60       | 14.72 | 83.20       | 16.64 |
|        | 27                              | 48.00                        | 11.76 | 58.80       | 12.92 | 70.00       | 14.60 | 72.40       | 14.96 | 74.40       | 15.20 | 80.80       | 16.60 | 93.20       | 19.40 |
|        | 29                              | 55.20                        | 13.48 | 65.20       | 14.88 | 76.00       | 16.64 | 78.40       | 17.08 | 80.00       | 17.36 | 89.60       | 19.56 | 110.0       | 24.52 |
|        | 31                              | 62.40                        | 15.64 | 72.00       | 17.28 | 82.00       | 19.64 | 84.00       | 20.12 | 90.00       | 21.52 | 106.0       | 25.44 | 127.2       | 31.40 |
|        | 33                              | 70.00                        | 18.64 | 78.80       | 20.40 | 88.40       | 23.00 | 96.80       | 24.96 | 106.0       | 27.32 | 122.0       | 31.88 | 144.0       | 39.24 |
|        | 35                              | 77.60                        | 22.00 | 85.60       | 23.96 | 103.6       | 28.96 | 112.8       | 31.56 | 122.0       | 34.16 | 138.4       | 39.68 | 161.2       | 48.84 |
|        | 37                              | 77.60                        | 23.24 | 85.60       | 25.28 | 103.6       | 30.60 | 112.8       | 33.40 | 122.0       | 36.16 | 138.4       | 42.32 | 161.2       | 51.88 |
|        | 39                              | 77.60                        | 24.72 | 85.60       | 27.04 | 103.6       | 32.80 | 112.8       | 35.96 | 122.0       | 38.84 | 138.4       | 45.16 | 161.2       | 56.04 |
|        | 41                              | 77.60                        | 27.64 | 85.60       | 30.36 | 103.6       | 37.24 | 112.8       | 40.40 | 122.0       | 43.68 | 138.4       | 51.36 | 161.2       | 63.20 |
|        | 43                              | 77.60                        | 31.04 | 85.60       | 34.20 | 103.6       | 42.00 | 112.8       | 45.64 | 122.0       | 49.36 | 138.4       | 58.12 | 161.2       | 71.48 |
|        | 46                              | 75.20                        | 36.32 | 83.20       | 40.44 | 100.4       | 49.56 | 109.2       | 53.92 | 117.6       | 58.24 | 134.0       | 68.76 | 156.0       | 84.56 |
|        | 48                              | 66.40                        | 32.00 | 73.20       | 35.84 | 88.80       | 43.76 | 96.80       | 47.68 | 104.0       | 51.48 | 118.4       | 60.80 | 138.0       | 74.76 |
|        | 50                              | 57.60                        | 27.68 | 63.60       | 31.12 | 77.20       | 37.84 | 84.00       | 41.20 | 90.40       | 44.48 | 102.8       | 52.64 | 120.0       | 64.72 |
|        | 52                              | 49.20                        | 23.24 | 54.40       | 26.28 | 65.60       | 31.76 | 71.60       | 34.64 | 76.80       | 37.36 | 87.60       | 44.24 | 102.4       | 54.40 |

### Note

- TC: Total Capacity(kW), PI: Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC: Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### 7.3 Heating Operation : Standard

ARUM080LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 130    | -30               | -30.2    | 9.90                      | 7.23 | 9.90  | 7.28 | 9.80  | 7.32 | 9.80  | 7.39 | 9.80  | 7.45 | 9.60  | 7.55 |
|        | -24.8             | -25      | 16.40                     | 7.33 | 16.40 | 7.38 | 16.30 | 7.42 | 16.30 | 7.49 | 16.30 | 7.55 | 16.00 | 7.65 |
|        | -21.8             | -22      | 20.00                     | 7.39 | 20.00 | 7.44 | 19.90 | 7.48 | 19.90 | 7.55 | 19.90 | 7.61 | 19.50 | 7.71 |
|        | -19.8             | -20      | 21.20                     | 7.42 | 21.20 | 7.47 | 21.00 | 7.52 | 21.00 | 7.58 | 21.00 | 7.64 | 20.60 | 7.74 |
|        | -18.8             | -19      | 21.60                     | 7.45 | 21.60 | 7.50 | 21.50 | 7.54 | 21.50 | 7.60 | 21.50 | 7.66 | 21.10 | 7.75 |
|        | -16.7             | -17      | 22.70                     | 7.49 | 22.70 | 7.53 | 22.60 | 7.58 | 22.60 | 7.63 | 22.60 | 7.69 | 22.10 | 7.79 |
|        | -15               | -15.9    | 23.40                     | 7.51 | 23.40 | 7.55 | 23.30 | 7.60 | 23.30 | 7.66 | 23.30 | 7.72 | 22.80 | 7.80 |
|        | -13.7             | -15      | 24.10                     | 7.53 | 24.10 | 7.58 | 24.00 | 7.62 | 24.00 | 7.69 | 24.00 | 7.75 | 23.50 | 7.81 |
|        | -11.8             | -13      | 25.00                     | 7.58 | 25.00 | 7.62 | 24.80 | 7.66 | 24.80 | 7.72 | 24.80 | 7.79 | 24.50 | 7.86 |
|        | -9.8              | -11      | 25.80                     | 7.61 | 25.80 | 7.66 | 25.60 | 7.69 | 25.60 | 7.74 | 25.60 | 7.80 | 25.40 | 7.90 |
|        | -9.5              | -10      | 25.90                     | 7.61 | 25.90 | 7.66 | 25.80 | 7.65 | 25.80 | 7.70 | 25.70 | 7.75 | 25.60 | 7.85 |
|        | -8.5              | -9.1     | 26.50                     | 7.63 | 26.50 | 7.68 | 26.30 | 7.70 | 26.30 | 7.75 | 26.10 | 7.80 | 26.00 | 7.90 |
|        | -7                | -7.6     | 27.20                     | 7.66 | 27.20 | 7.71 | 27.00 | 7.73 | 27.00 | 7.78 | 27.00 | 7.83 | 26.80 | 7.95 |
|        | -5                | -5.6     | 28.20                     | 7.73 | 28.20 | 7.78 | 27.90 | 7.80 | 27.90 | 7.85 | 27.90 | 7.90 | 27.70 | 8.00 |
|        | -3                | -3.7     | 29.10                     | 7.78 | 29.10 | 7.83 | 29.00 | 7.85 | 29.00 | 7.90 | 29.00 | 7.95 | 28.40 | 8.05 |
|        | 0                 | -0.7     | 30.60                     | 7.83 | 30.60 | 7.88 | 30.50 | 7.90 | 30.50 | 7.95 | 30.50 | 8.00 | 28.40 | 8.10 |
|        | 3                 | 2.2      | 32.10                     | 7.88 | 32.10 | 7.93 | 31.80 | 7.95 | 31.70 | 8.00 | 30.60 | 8.05 | 28.40 | 8.15 |
|        | 5                 | 4.1      | 32.60                     | 7.93 | 32.60 | 7.98 | 32.50 | 8.00 | 31.70 | 8.05 | 30.60 | 8.10 | 28.40 | 8.20 |
|        | 7                 | 6        | 32.60                     | 7.98 | 32.60 | 8.03 | 32.50 | 8.05 | 31.70 | 8.10 | 30.60 | 8.15 | 28.40 | 8.25 |
|        | 9                 | 7.9      | 32.60                     | 8.03 | 32.60 | 8.08 | 32.50 | 8.10 | 31.70 | 8.15 | 30.60 | 8.20 | 28.40 | 8.30 |
| 120    | 11                | 9.8      | 32.60                     | 8.08 | 32.60 | 8.13 | 32.50 | 8.15 | 31.70 | 8.20 | 30.60 | 8.25 | 28.40 | 8.35 |
|        | 13                | 11.8     | 32.60                     | 8.13 | 32.60 | 8.18 | 32.50 | 8.20 | 31.70 | 8.25 | 30.60 | 8.30 | 28.40 | 8.40 |
|        | 15                | 13.7     | 32.60                     | 8.18 | 32.60 | 8.23 | 32.50 | 8.25 | 31.70 | 8.30 | 30.60 | 8.35 | 28.40 | 8.45 |
|        | -30               | -30.2    | 9.80                      | 7.28 | 9.80  | 7.32 | 9.70  | 7.39 | 9.70  | 7.45 | 9.70  | 7.55 | 9.60  | 7.64 |
|        | -24.8             | -25      | 16.30                     | 7.38 | 16.30 | 7.42 | 16.20 | 7.49 | 16.20 | 7.55 | 16.20 | 7.65 | 15.90 | 7.72 |
|        | -21.8             | -22      | 19.90                     | 7.44 | 19.90 | 7.48 | 19.80 | 7.55 | 19.80 | 7.61 | 19.80 | 7.67 | 19.40 | 7.77 |
|        | -19.8             | -20      | 21.00                     | 7.47 | 21.00 | 7.52 | 20.90 | 7.58 | 20.90 | 7.64 | 20.90 | 7.70 | 20.50 | 7.81 |
|        | -18.8             | -19      | 21.50                     | 7.50 | 21.50 | 7.54 | 21.40 | 7.60 | 21.40 | 7.66 | 21.40 | 7.72 | 21.00 | 7.82 |
|        | -16.7             | -17      | 22.60                     | 7.53 | 22.60 | 7.58 | 22.40 | 7.63 | 22.40 | 7.69 | 22.40 | 7.75 | 21.90 | 7.87 |
|        | -15               | -15.9    | 23.30                     | 7.55 | 23.30 | 7.60 | 23.10 | 7.66 | 23.10 | 7.72 | 23.10 | 7.78 | 22.70 | 7.93 |
|        | -13.7             | -15      | 24.00                     | 7.58 | 24.00 | 7.62 | 23.80 | 7.69 | 23.80 | 7.75 | 23.80 | 7.81 | 23.40 | 7.98 |
|        | -11.8             | -13      | 24.80                     | 7.62 | 24.80 | 7.66 | 24.70 | 7.72 | 24.70 | 7.78 | 24.70 | 7.84 | 24.40 | 8.03 |
|        | -9.8              | -11      | 25.60                     | 7.66 | 25.60 | 7.69 | 25.50 | 7.73 | 25.50 | 7.79 | 25.50 | 7.85 | 25.30 | 8.08 |
|        | -9.5              | -10      | 25.70                     | 7.66 | 25.70 | 7.65 | 25.60 | 7.39 | 25.60 | 7.17 | 25.60 | 6.89 | 25.40 | 6.71 |
|        | -8.5              | -9.1     | 26.30                     | 7.68 | 26.30 | 7.49 | 26.10 | 7.24 | 26.10 | 7.03 | 26.10 | 6.77 | 25.90 | 6.59 |
|        | -7                | -7.6     | 27.00                     | 7.44 | 27.00 | 7.26 | 26.80 | 7.03 | 26.80 | 6.82 | 26.80 | 6.58 | 26.60 | 6.42 |
|        | -5                | -5.6     | 27.90                     | 7.15 | 27.90 | 6.98 | 27.80 | 6.76 | 27.80 | 6.57 | 27.80 | 6.36 | 26.70 | 6.00 |
|        | -3                | -3.7     | 29.00                     | 6.86 | 29.00 | 6.70 | 28.80 | 6.50 | 28.80 | 6.32 | 28.80 | 6.14 | 26.70 | 5.68 |
|        | 0                 | -0.7     | 30.40                     | 6.44 | 30.40 | 6.27 | 30.30 | 6.10 | 29.70 | 5.83 | 28.80 | 5.52 | 26.70 | 5.38 |
|        | 3                 | 2.2      | 31.80                     | 6.00 | 31.80 | 5.85 | 30.70 | 5.53 | 29.70 | 5.29 | 28.80 | 5.19 | 26.70 | 5.08 |
|        | 5                 | 4.1      | 32.30                     | 5.63 | 32.00 | 5.42 | 30.70 | 5.16 | 29.70 | 5.05 | 28.80 | 4.98 | 26.70 | 4.89 |
|        | 7                 | 6        | 32.30                     | 5.17 | 32.00 | 5.01 | 30.70 | 4.90 | 29.70 | 4.81 | 28.80 | 4.77 | 26.70 | 4.68 |
|        | 9                 | 7.9      | 32.30                     | 4.93 | 32.00 | 4.79 | 30.70 | 4.70 | 29.70 | 4.61 | 28.80 | 4.57 | 26.70 | 4.49 |
|        | 11                | 9.8      | 32.30                     | 4.76 | 32.00 | 4.63 | 30.70 | 4.54 | 29.70 | 4.46 | 28.80 | 4.41 | 26.70 | 4.33 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 120    | 13                | 11.8     | 32.30                     | 4.57 | 32.00 | 4.46 | 30.70 | 4.36 | 29.70 | 4.28 | 28.80 | 4.24 | 26.70 | 4.16 |
|        | 15                | 13.7     | 32.30                     | 4.38 | 32.00 | 4.26 | 30.70 | 4.18 | 29.70 | 4.10 | 28.80 | 4.06 | 26.70 | 3.99 |
| 110    | -30               | -30.2    | 9.70                      | 7.32 | 9.70  | 7.39 | 9.70  | 7.45 | 9.70  | 7.55 | 9.70  | 7.64 | 9.50  | 7.65 |
|        | -24.8             | -25      | 16.20                     | 7.42 | 16.20 | 7.49 | 16.10 | 7.55 | 16.10 | 7.65 | 16.10 | 7.72 | 15.80 | 7.75 |
|        | -21.8             | -22      | 19.80                     | 7.48 | 19.80 | 7.55 | 19.70 | 7.61 | 19.70 | 7.71 | 19.70 | 7.77 | 19.30 | 7.81 |
|        | -19.8             | -20      | 20.90                     | 7.52 | 20.90 | 7.58 | 20.80 | 7.64 | 20.80 | 7.74 | 20.80 | 7.81 | 20.30 | 7.84 |
|        | -18.8             | -19      | 21.40                     | 7.54 | 21.40 | 7.60 | 21.30 | 7.66 | 21.30 | 7.75 | 21.30 | 7.82 | 20.80 | 7.70 |
|        | -16.7             | -17      | 22.50                     | 7.58 | 22.50 | 7.63 | 22.20 | 7.69 | 22.20 | 7.79 | 22.20 | 7.86 | 21.80 | 7.74 |
|        | -15               | -15.9    | 23.20                     | 7.60 | 23.20 | 7.66 | 23.00 | 7.72 | 23.00 | 7.79 | 23.00 | 7.86 | 22.80 | 7.74 |
|        | -13.7             | -15      | 23.90                     | 7.62 | 23.90 | 7.69 | 23.70 | 7.75 | 23.70 | 7.82 | 23.70 | 7.89 | 23.70 | 7.86 |
|        | -11.8             | -13      | 24.70                     | 7.66 | 24.70 | 7.72 | 24.60 | 7.78 | 24.60 | 7.85 | 24.60 | 7.92 | 24.00 | 7.89 |
|        | -9.8              | -11      | 25.50                     | 7.69 | 25.50 | 7.75 | 25.30 | 7.81 | 25.30 | 7.88 | 25.30 | 7.95 | 24.00 | 7.92 |
|        | -9.5              | -10      | 25.60                     | 7.70 | 25.60 | 7.76 | 25.50 | 7.82 | 25.50 | 7.89 | 25.50 | 7.96 | 24.00 | 7.93 |
|        | -8.5              | -9.1     | 26.10                     | 7.72 | 26.10 | 7.78 | 25.90 | 7.84 | 25.90 | 7.91 | 25.80 | 7.98 | 24.00 | 7.95 |
|        | -7                | -7.6     | 26.90                     | 7.76 | 26.90 | 7.82 | 26.70 | 7.88 | 26.70 | 7.95 | 26.70 | 8.02 | 24.00 | 8.00 |
|        | -5                | -5.6     | 27.80                     | 7.80 | 27.80 | 7.86 | 27.60 | 7.92 | 27.60 | 7.99 | 27.60 | 8.06 | 24.00 | 8.03 |
|        | -3                | -3.7     | 28.80                     | 7.84 | 28.80 | 7.90 | 28.60 | 7.96 | 28.60 | 8.03 | 28.60 | 8.10 | 24.00 | 8.07 |
|        | 0                 | -0.7     | 30.30                     | 7.88 | 29.40 | 7.94 | 29.20 | 8.00 | 29.20 | 8.07 | 29.20 | 8.14 | 24.00 | 8.10 |
|        | 3                 | 2.2      | 31.10                     | 7.92 | 29.40 | 7.98 | 29.20 | 8.04 | 29.20 | 8.11 | 29.20 | 8.18 | 24.00 | 8.14 |
|        | 5                 | 4.1      | 31.10                     | 7.96 | 29.40 | 8.02 | 29.20 | 8.08 | 29.20 | 8.15 | 29.20 | 8.22 | 24.00 | 8.18 |
|        | 7                 | 6        | 31.10                     | 7.98 | 29.40 | 8.04 | 29.20 | 8.10 | 29.20 | 8.17 | 29.20 | 8.24 | 24.00 | 8.20 |
|        | 9                 | 7.9      | 31.10                     | 8.00 | 29.40 | 8.06 | 29.20 | 8.12 | 29.20 | 8.19 | 29.20 | 8.26 | 24.00 | 8.22 |
| 100    | -30               | -30.2    | 9.70                      | 8.41 | 9.70  | 8.37 | 9.70  | 7.25 | 9.70  | 8.26 | 9.70  | 8.03 | 9.50  | 8.22 |
|        | -24.8             | -25      | 16.20                     | 8.22 | 16.20 | 8.18 | 16.10 | 7.59 | 16.10 | 8.08 | 16.10 | 8.04 | 15.80 | 8.02 |
|        | -21.8             | -22      | 19.70                     | 8.11 | 19.70 | 8.07 | 19.60 | 7.79 | 19.60 | 7.98 | 19.60 | 8.04 | 19.20 | 7.91 |
|        | -19.8             | -20      | 20.80                     | 8.04 | 20.80 | 8.01 | 20.70 | 7.91 | 20.70 | 7.91 | 20.70 | 7.90 | 20.20 | 7.84 |
|        | -18.8             | -19      | 21.30                     | 8.01 | 21.20 | 7.97 | 21.20 | 7.93 | 21.20 | 7.87 | 21.20 | 7.82 | 20.80 | 7.68 |
|        | -16.7             | -17      | 22.10                     | 7.93 | 22.10 | 7.89 | 22.10 | 7.97 | 22.00 | 7.79 | 22.00 | 7.51 | 21.60 | 7.37 |
|        | -15               | -15.9    | 23.00                     | 7.88 | 23.00 | 7.84 | 22.90 | 7.86 | 22.80 | 7.56 | 22.80 | 7.28 | 22.00 | 7.02 |
|        | -13.7             | -15      | 23.80                     | 7.83 | 23.80 | 7.79 | 23.60 | 7.75 | 23.60 | 7.34 | 23.60 | 7.06 | 22.00 | 6.57 |
|        | -11.8             | -13      | 24.60                     | 7.76 | 24.50 | 7.72 | 24.50 | 7.44 | 24.40 | 7.03 | 23.60 | 6.55 | 22.00 | 6.30 |
|        | -9.8              | -11      | 25.30                     | 7.69 | 25.30 | 7.38 | 25.20 | 7.12 | 24.40 | 6.54 | 23.60 | 6.15 | 22.00 | 6.03 |
|        | -9.5              | -10      | 25.50                     | 7.64 | 25.50 | 7.33 | 25.20 | 7.01 | 24.40 | 6.43 | 23.60 | 6.11 | 22.00 | 5.98 |
|        | -8.5              | -9.1     | 25.90                     | 7.46 | 25.90 | 7.15 | 25.20 | 6.74 | 24.40 | 6.21 | 23.60 | 5.98 | 22.00 | 5.85 |
|        | -7                | -7.6     | 27.20                     | 7.19 | 26.80 | 6.85 | 25.20 | 6.33 | 24.40 | 6.00 | 23.60 | 5.78 | 22.00 | 5.64 |
|        | -5                | -5.6     | 28.40                     | 6.85 | 26.80 | 6.30 | 25.20 | 6.05 | 24.40 | 5.75 | 23.60 | 5.52 | 22.00 | 5.38 |
|        | -3                | -3.7     | 28.40                     | 6.34 | 26.80 | 5.95 | 25.20 | 5.78 | 24.40 | 5.49 | 23.60 | 5.27 | 22.00 | 5.12 |
|        | 0                 | -0.7     | 28.40                     | 5.71 | 26.80 | 5.50 | 25.20 | 5.35 | 24.40 | 5.10 | 23.60 | 4.90 | 22.00 | 4.75 |
|        | 3                 | 2.2      | 28.40                     | 5.23 | 26.80 | 5.05 | 25.20 | 4.94 | 24.40 | 4.71 | 23.60 | 4.52 | 22.00 | 4.36 |
|        | 5                 | 4.1      | 28.40                     | 4.92 | 26.80 | 4.76 | 25.20 | 4.66 | 24.40 | 4.46 | 23.60 | 4.26 | 22.00 | 4.12 |
|        | 7                 | 6        | 28.40                     | 4.60 | 26.80 | 4.46 | 25.20 | 4.38 | 24.40 | 4.19 | 23.60 | 4.02 | 22.00 | 3.86 |
|        | 9                 | 7.9      | 28.40                     | 4.36 | 26.80 | 4.23 | 25.20 | 4.15 | 24.40 | 3.98 | 23.60 | 3.80 | 22.00 | 3.66 |
|        | 11                | 9.8      | 28.40                     | 4.16 | 26.80 | 4.03 | 25.20 | 3.96 | 24.40 | 3.79 | 23.60 | 3.62 | 22.00 | 3.48 |
|        | 13                | 11.8     | 28.40                     | 3.94 | 26.80 | 3.82 | 25.20 | 3.76 | 24.40 | 3.59 | 23.60 | 3.44 | 22.00 | 3.31 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 100    | 15                | 13.7     | 28.40                     | 3.72 | 26.80 | 3.60 | 25.20 | 3.54 | 24.40 | 3.38 | 23.60 | 3.24 | 22.00 | 3.12 |
| 90     | -30               | -30.2    | 9.70                      | 7.21 | 9.70  | 7.31 | 9.60  | 7.38 | 9.60  | 7.41 | 9.60  | 7.48 | 9.40  | 8.41 |
|        | -24.8             | -25      | 16.10                     | 7.31 | 16.10 | 7.41 | 16.00 | 7.48 | 16.00 | 7.52 | 16.00 | 7.59 | 15.70 | 7.69 |
|        | -21.8             | -22      | 19.60                     | 7.37 | 19.60 | 7.47 | 19.50 | 7.54 | 19.50 | 7.57 | 19.50 | 7.64 | 19.10 | 7.27 |
|        | -19.8             | -20      | 20.80                     | 7.42 | 20.80 | 7.50 | 20.60 | 7.57 | 20.60 | 7.61 | 20.60 | 7.36 | 20.10 | 7.00 |
|        | -18.8             | -19      | 21.30                     | 7.43 | 21.20 | 7.53 | 21.10 | 7.60 | 21.10 | 7.46 | 21.10 | 7.22 | 20.10 | 6.69 |
|        | -16.7             | -17      | 22.10                     | 7.47 | 22.10 | 7.57 | 22.10 | 7.29 | 22.10 | 7.17 | 21.60 | 6.76 | 20.10 | 6.25 |
|        | -15               | -15.9    | 23.00                     | 7.50 | 23.00 | 7.35 | 22.80 | 7.08 | 22.30 | 6.79 | 21.60 | 6.47 | 20.10 | 6.07 |
|        | -13.7             | -15      | 23.80                     | 7.53 | 23.80 | 7.13 | 23.10 | 6.75 | 22.30 | 6.40 | 21.60 | 6.19 | 20.10 | 5.89 |
|        | -11.8             | -13      | 24.60                     | 7.22 | 24.50 | 6.85 | 23.10 | 6.27 | 22.30 | 6.14 | 21.60 | 5.95 | 20.10 | 5.65 |
|        | -9.8              | -11      | 25.30                     | 6.90 | 24.50 | 6.35 | 23.10 | 6.01 | 22.30 | 5.88 | 21.60 | 5.70 | 20.10 | 5.41 |
|        | -9.5              | -10      | 25.50                     | 6.86 | 24.50 | 6.25 | 23.10 | 5.97 | 22.30 | 5.84 | 21.60 | 5.66 | 20.10 | 5.37 |
|        | -8.5              | -9.1     | 25.90                     | 6.70 | 24.50 | 6.04 | 23.10 | 5.84 | 22.30 | 5.71 | 21.60 | 5.53 | 20.10 | 5.25 |
|        | -7                | -7.6     | 26.00                     | 6.18 | 24.50 | 5.83 | 23.10 | 5.64 | 22.30 | 5.52 | 21.60 | 5.35 | 20.10 | 5.07 |
|        | -5                | -5.6     | 26.00                     | 5.86 | 24.50 | 5.58 | 23.10 | 5.41 | 22.30 | 5.28 | 21.60 | 5.11 | 20.10 | 4.85 |
|        | -3                | -3.7     | 26.00                     | 5.58 | 24.50 | 5.34 | 23.10 | 5.17 | 22.30 | 5.04 | 21.60 | 4.88 | 20.10 | 4.63 |
|        | 0                 | -0.7     | 26.00                     | 5.17 | 24.50 | 4.96 | 23.10 | 4.81 | 22.30 | 4.67 | 21.60 | 4.54 | 20.10 | 4.29 |
|        | 3                 | 2.2      | 26.00                     | 4.77 | 24.50 | 4.58 | 23.10 | 4.45 | 22.30 | 4.32 | 21.60 | 4.19 | 20.10 | 3.96 |
|        | 5                 | 4.1      | 26.00                     | 4.49 | 24.50 | 4.33 | 23.10 | 4.22 | 22.30 | 4.08 | 21.60 | 3.96 | 20.10 | 3.74 |
|        | 7                 | 6        | 26.00                     | 4.22 | 24.50 | 4.09 | 23.10 | 3.98 | 22.30 | 3.84 | 21.60 | 3.73 | 20.10 | 3.52 |
|        | 9                 | 7.9      | 26.00                     | 3.96 | 24.50 | 3.84 | 23.10 | 3.74 | 22.30 | 3.61 | 21.60 | 3.50 | 20.10 | 3.31 |
|        | 11                | 9.8      | 26.00                     | 3.71 | 24.50 | 3.60 | 23.10 | 3.50 | 22.30 | 3.38 | 21.60 | 3.28 | 20.10 | 3.10 |
|        | 13                | 11.8     | 26.00                     | 3.45 | 24.50 | 3.35 | 23.10 | 3.26 | 22.30 | 3.15 | 21.60 | 3.06 | 20.10 | 2.88 |
|        | 15                | 13.7     | 26.00                     | 3.21 | 24.50 | 3.10 | 23.10 | 3.02 | 22.30 | 2.92 | 21.60 | 2.83 | 20.10 | 2.67 |
| 80     | -30               | -30.2    | 9.60                      | 6.34 | 9.60  | 6.45 | 9.60  | 6.52 | 9.60  | 6.42 | 9.60  | 7.46 | 9.40  | 7.11 |
|        | -24.8             | -25      | 16.00                     | 6.46 | 16.00 | 6.56 | 15.90 | 6.63 | 15.90 | 6.66 | 15.90 | 6.83 | 15.60 | 6.51 |
|        | -21.8             | -22      | 19.40                     | 6.52 | 19.40 | 6.62 | 19.40 | 6.69 | 19.40 | 6.79 | 19.30 | 6.44 | 17.90 | 5.84 |
|        | -19.8             | -20      | 20.50                     | 6.57 | 20.50 | 6.65 | 20.50 | 6.76 | 20.00 | 6.39 | 19.30 | 5.91 | 17.90 | 5.63 |
|        | -18.8             | -19      | 21.00                     | 6.58 | 21.00 | 6.75 | 20.60 | 6.51 | 20.00 | 6.10 | 19.30 | 5.80 | 17.90 | 5.53 |
|        | -16.7             | -17      | 21.70                     | 6.73 | 21.70 | 6.48 | 20.60 | 6.03 | 20.00 | 5.84 | 19.30 | 5.56 | 17.90 | 5.30 |
|        | -15               | -15.9    | 22.20                     | 6.52 | 22.00 | 6.29 | 20.60 | 5.85 | 20.00 | 5.65 | 19.30 | 5.40 | 17.90 | 5.14 |
|        | -13.7             | -15      | 22.80                     | 6.32 | 22.00 | 6.03 | 20.60 | 5.68 | 20.00 | 5.48 | 19.30 | 5.23 | 17.90 | 4.99 |
|        | -11.8             | -13      | 23.30                     | 6.08 | 22.00 | 5.69 | 20.60 | 5.45 | 20.00 | 5.26 | 19.30 | 5.03 | 17.90 | 4.80 |
|        | -9.8              | -11      | 23.30                     | 5.66 | 22.00 | 5.38 | 20.60 | 5.22 | 20.00 | 5.03 | 19.30 | 4.82 | 17.90 | 4.59 |
|        | -9.5              | -10      | 23.30                     | 5.60 | 22.00 | 5.31 | 20.60 | 5.19 | 20.00 | 5.00 | 19.30 | 4.78 | 17.90 | 4.56 |
|        | -8.5              | -9.1     | 23.30                     | 5.40 | 22.00 | 5.17 | 20.60 | 5.07 | 20.00 | 4.88 | 19.30 | 4.68 | 17.90 | 4.46 |
|        | -7                | -7.6     | 23.30                     | 5.17 | 22.00 | 5.00 | 20.60 | 4.89 | 20.00 | 4.71 | 19.30 | 4.52 | 17.90 | 4.31 |
|        | -5                | -5.6     | 23.30                     | 4.95 | 22.00 | 4.78 | 20.60 | 4.67 | 20.00 | 4.51 | 19.30 | 4.32 | 17.90 | 4.12 |
|        | -3                | -3.7     | 23.30                     | 4.72 | 22.00 | 4.56 | 20.60 | 4.46 | 20.00 | 4.30 | 19.30 | 4.12 | 17.90 | 3.93 |
|        | 0                 | -0.7     | 23.30                     | 4.38 | 22.00 | 4.24 | 20.60 | 4.14 | 20.00 | 3.98 | 19.30 | 3.83 | 17.90 | 3.65 |
|        | 3                 | 2.2      | 23.30                     | 4.05 | 22.00 | 3.92 | 20.60 | 3.82 | 20.00 | 3.67 | 19.30 | 3.53 | 17.90 | 3.38 |
|        | 5                 | 4.1      | 23.30                     | 3.82 | 22.00 | 3.71 | 20.60 | 3.61 | 20.00 | 3.46 | 19.30 | 3.34 | 17.90 | 3.18 |
|        | 7                 | 6        | 23.30                     | 3.60 | 22.00 | 3.50 | 20.60 | 3.39 | 20.00 | 3.25 | 19.30 | 3.14 | 17.90 | 3.00 |
|        | 9                 | 7.9      | 23.30                     | 3.38 | 22.00 | 3.28 | 20.60 | 3.18 | 20.00 | 3.05 | 19.30 | 2.95 | 17.90 | 2.82 |
|        | 11                | 9.8      | 23.30                     | 3.14 | 22.00 | 3.05 | 20.60 | 2.95 | 20.00 | 2.83 | 19.30 | 2.74 | 17.90 | 2.61 |
|        | 13                | 11.8     | 23.30                     | 2.93 | 22.00 | 2.84 | 20.60 | 2.76 | 20.00 | 2.64 | 19.30 | 2.56 | 17.90 | 2.44 |
|        | 15                | 13.7     | 23.30                     | 2.75 | 22.00 | 2.68 | 20.60 | 2.59 | 20.00 | 2.48 | 19.30 | 2.40 | 17.90 | 2.30 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 70     | -30               | -30.2    | 9.60                      | 6.37 | 9.60  | 6.40 | 9.60  | 6.47 | 9.60  | 7.36 | 9.60  | 6.94 | 9.40  | 6.62 |
|        | -24.8             | -25      | 16.00                     | 6.48 | 16.00 | 6.51 | 15.90 | 6.58 | 15.90 | 6.68 | 15.90 | 6.33 | 15.40 | 5.94 |
|        | -21.8             | -22      | 18.70                     | 6.54 | 18.70 | 6.57 | 17.60 | 6.30 | 17.00 | 5.97 | 16.50 | 5.67 | 15.40 | 5.38 |
|        | -19.8             | -20      | 19.80                     | 6.40 | 18.70 | 6.28 | 17.60 | 6.04 | 17.00 | 5.74 | 16.50 | 5.45 | 15.40 | 5.17 |
|        | -18.8             | -19      | 19.80                     | 6.26 | 18.70 | 6.14 | 17.60 | 5.92 | 17.00 | 5.61 | 16.50 | 5.34 | 15.40 | 5.06 |
|        | -16.7             | -17      | 19.80                     | 5.99 | 18.70 | 5.87 | 17.60 | 5.66 | 17.00 | 5.37 | 16.50 | 5.10 | 15.40 | 4.84 |
|        | -15               | -15.9    | 19.80                     | 5.79 | 18.70 | 5.68 | 17.60 | 5.47 | 17.00 | 5.19 | 16.50 | 4.94 | 15.40 | 4.69 |
|        | -13.7             | -15      | 19.80                     | 5.61 | 18.70 | 5.49 | 17.60 | 5.29 | 17.00 | 5.02 | 16.50 | 4.78 | 15.40 | 4.54 |
|        | -11.8             | -13      | 19.80                     | 5.37 | 18.70 | 5.24 | 17.60 | 5.06 | 17.00 | 4.80 | 16.50 | 4.58 | 15.40 | 4.33 |
|        | -9.8              | -11      | 19.80                     | 5.11 | 18.70 | 4.99 | 17.60 | 4.81 | 17.00 | 4.57 | 16.50 | 4.36 | 15.40 | 4.13 |
|        | -9.5              | -10      | 19.80                     | 5.07 | 18.70 | 4.95 | 17.60 | 4.78 | 17.00 | 4.54 | 16.50 | 4.33 | 15.40 | 4.10 |
|        | -8.5              | -9.1     | 19.80                     | 4.95 | 18.70 | 4.82 | 17.60 | 4.66 | 17.00 | 4.43 | 16.50 | 4.22 | 15.40 | 4.00 |
|        | -7                | -7.6     | 19.80                     | 4.76 | 18.70 | 4.64 | 17.60 | 4.47 | 17.00 | 4.25 | 16.50 | 4.07 | 15.40 | 3.84 |
|        | -5                | -5.6     | 19.80                     | 4.53 | 18.70 | 4.41 | 17.60 | 4.25 | 17.00 | 4.05 | 16.50 | 3.87 | 15.40 | 3.66 |
|        | -3                | -3.7     | 19.80                     | 4.30 | 18.70 | 4.18 | 17.60 | 4.03 | 17.00 | 3.83 | 16.50 | 3.68 | 15.40 | 3.48 |
|        | 0                 | -0.7     | 19.80                     | 3.95 | 18.70 | 3.83 | 17.60 | 3.70 | 17.00 | 3.51 | 16.50 | 3.38 | 15.40 | 3.19 |
|        | 3                 | 2.2      | 19.80                     | 3.60 | 18.70 | 3.48 | 17.60 | 3.36 | 17.00 | 3.20 | 16.50 | 3.09 | 15.40 | 2.91 |
|        | 5                 | 4.1      | 19.80                     | 3.37 | 18.70 | 3.24 | 17.60 | 3.13 | 17.00 | 2.99 | 16.50 | 2.89 | 15.40 | 2.72 |
|        | 7                 | 6        | 19.80                     | 3.13 | 18.70 | 3.01 | 17.60 | 2.91 | 17.00 | 2.77 | 16.50 | 2.69 | 15.40 | 2.53 |
|        | 9                 | 7.9      | 19.80                     | 2.83 | 18.70 | 2.72 | 17.60 | 2.63 | 17.00 | 2.51 | 16.50 | 2.43 | 15.40 | 2.29 |
| 60     | 11                | 9.8      | 19.80                     | 2.64 | 18.70 | 2.53 | 17.60 | 2.45 | 17.00 | 2.33 | 16.50 | 2.27 | 15.40 | 2.13 |
|        | 13                | 11.8     | 19.80                     | 2.47 | 18.70 | 2.37 | 17.60 | 2.29 | 17.00 | 2.18 | 16.50 | 2.12 | 15.40 | 1.99 |
|        | 15                | 13.7     | 19.80                     | 2.32 | 18.70 | 2.23 | 17.60 | 2.16 | 17.00 | 2.06 | 16.50 | 2.00 | 15.40 | 1.88 |
|        | -30               | -30.2    | 9.60                      | 6.34 | 9.60  | 6.38 | 9.60  | 7.29 | 9.20  | 6.89 | 8.90  | 6.51 | 8.30  | 6.15 |
|        | -24.8             | -25      | 15.90                     | 6.43 | 15.90 | 6.49 | 15.10 | 6.25 | 14.50 | 5.91 | 14.00 | 5.58 | 13.10 | 5.28 |
|        | -21.8             | -22      | 17.00                     | 6.45 | 16.10 | 6.22 | 15.10 | 5.88 | 14.50 | 5.55 | 14.00 | 5.25 | 13.10 | 4.96 |
|        | -19.8             | -20      | 17.00                     | 6.19 | 16.10 | 5.95 | 15.10 | 5.62 | 14.50 | 5.31 | 14.00 | 5.03 | 13.10 | 4.75 |
|        | -18.8             | -19      | 17.00                     | 6.06 | 16.10 | 5.81 | 15.10 | 5.49 | 14.50 | 5.20 | 14.00 | 4.92 | 13.10 | 4.64 |
|        | -16.7             | -17      | 17.00                     | 5.77 | 16.10 | 5.54 | 15.10 | 5.24 | 14.50 | 4.95 | 14.00 | 4.69 | 13.10 | 4.43 |
|        | -15               | -15.9    | 17.00                     | 5.57 | 16.10 | 5.34 | 15.10 | 5.05 | 14.50 | 4.78 | 14.00 | 4.53 | 13.10 | 4.27 |
|        | -13.7             | -15      | 17.00                     | 5.38 | 16.10 | 5.14 | 15.10 | 4.86 | 14.50 | 4.61 | 14.00 | 4.37 | 13.10 | 4.12 |
|        | -11.8             | -13      | 17.00                     | 5.12 | 16.10 | 4.90 | 15.10 | 4.63 | 14.50 | 4.40 | 14.00 | 4.16 | 13.10 | 3.92 |
|        | -9.8              | -11      | 17.00                     | 4.85 | 16.10 | 4.64 | 15.10 | 4.39 | 14.50 | 4.17 | 14.00 | 3.95 | 13.10 | 3.72 |
|        | -9.5              | -10      | 17.00                     | 4.81 | 16.10 | 4.60 | 15.10 | 4.36 | 14.50 | 4.14 | 14.00 | 3.92 | 13.10 | 3.69 |
|        | -8.5              | -9.1     | 17.00                     | 4.69 | 16.10 | 4.47 | 15.10 | 4.23 | 14.50 | 4.02 | 14.00 | 3.82 | 13.10 | 3.59 |
|        | -7                | -7.6     | 17.00                     | 4.49 | 16.10 | 4.29 | 15.10 | 4.05 | 14.50 | 3.85 | 14.00 | 3.67 | 13.10 | 3.44 |
|        | -5                | -5.6     | 17.00                     | 4.25 | 16.10 | 4.04 | 15.10 | 3.83 | 14.50 | 3.65 | 14.00 | 3.46 | 13.10 | 3.26 |
|        | -3                | -3.7     | 17.00                     | 4.01 | 16.10 | 3.80 | 15.10 | 3.61 | 14.50 | 3.44 | 14.00 | 3.27 | 13.10 | 3.07 |
|        | 0                 | -0.7     | 17.00                     | 3.64 | 16.10 | 3.44 | 15.10 | 3.27 | 14.50 | 3.12 | 14.00 | 2.98 | 13.10 | 2.79 |
|        | 3                 | 2.2      | 17.00                     | 3.28 | 16.10 | 3.09 | 15.10 | 2.94 | 14.50 | 2.81 | 14.00 | 2.69 | 13.10 | 2.51 |
| 50     | 5                 | 4.1      | 17.00                     | 3.03 | 16.10 | 2.85 | 15.10 | 2.72 | 14.50 | 2.60 | 14.00 | 2.49 | 13.10 | 2.32 |
|        | 7                 | 6        | 17.00                     | 2.79 | 16.10 | 2.61 | 15.10 | 2.49 | 14.50 | 2.39 | 14.00 | 2.30 | 13.10 | 2.13 |
|        | 9                 | 7.9      | 17.00                     | 2.48 | 16.10 | 2.33 | 15.10 | 2.23 | 14.50 | 2.13 | 14.00 | 2.05 | 13.10 | 1.90 |
|        | 11                | 9.8      | 17.00                     | 2.33 | 16.10 | 2.18 | 15.10 | 2.08 | 14.50 | 1.99 | 14.00 | 1.91 | 13.10 | 1.78 |
|        | 13                | 11.8     | 17.00                     | 2.18 | 16.10 | 2.04 | 15.10 | 1.94 | 14.50 | 1.87 | 14.00 | 1.79 | 13.10 | 1.66 |
|        | 15                | 13.7     | 17.00                     | 2.06 | 16.10 | 1.93 | 15.10 | 1.84 | 14.50 | 1.76 | 14.00 | 1.69 | 13.10 | 1.58 |
|        | -30               | -30.2    | 8.90                      | 5.48 | 8.40  | 6.32 | 7.90  | 5.94 | 7.70  | 5.63 | 7.40  | 5.31 | 6.90  | 5.02 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -24.8             | -25      | 14.10                     | 5.31 | 13.30 | 5.40 | 12.50 | 5.10 | 12.10 | 4.82 | 11.70 | 4.55 | 10.90 | 4.30 |
|        | -21.8             | -22      | 14.10                     | 5.37 | 13.30 | 5.07 | 12.50 | 4.79 | 12.10 | 4.53 | 11.70 | 4.28 | 10.90 | 4.04 |
|        | -19.8             | -20      | 14.10                     | 5.14 | 13.30 | 4.85 | 12.50 | 4.59 | 12.10 | 4.33 | 11.70 | 4.10 | 10.90 | 3.87 |
|        | -18.8             | -19      | 14.10                     | 5.03 | 13.30 | 4.74 | 12.50 | 4.48 | 12.10 | 4.24 | 11.70 | 4.01 | 10.90 | 3.79 |
|        | -16.7             | -17      | 14.10                     | 4.78 | 13.30 | 4.51 | 12.50 | 4.27 | 12.10 | 4.03 | 11.70 | 3.82 | 10.90 | 3.61 |
|        | -15               | -15.9    | 14.10                     | 4.61 | 13.30 | 4.35 | 12.50 | 4.12 | 12.10 | 3.89 | 11.70 | 3.69 | 10.90 | 3.48 |
|        | -13.7             | -15      | 14.10                     | 4.45 | 13.30 | 4.19 | 12.50 | 3.97 | 12.10 | 3.76 | 11.70 | 3.56 | 10.90 | 3.36 |
|        | -11.8             | -13      | 14.10                     | 4.23 | 13.30 | 3.99 | 12.50 | 3.78 | 12.10 | 3.57 | 11.70 | 3.40 | 10.90 | 3.20 |
|        | -9.8              | -11      | 14.10                     | 4.01 | 13.30 | 3.78 | 12.50 | 3.58 | 12.10 | 3.39 | 11.70 | 3.23 | 10.90 | 3.04 |
|        | -9.5              | -10      | 14.10                     | 3.98 | 13.30 | 3.75 | 12.50 | 3.55 | 12.10 | 3.36 | 11.70 | 3.20 | 10.90 | 3.01 |
|        | -8.5              | -9.1     | 14.10                     | 3.87 | 13.30 | 3.64 | 12.50 | 3.45 | 12.10 | 3.27 | 11.70 | 3.12 | 10.90 | 2.93 |
|        | -7                | -7.6     | 14.10                     | 3.70 | 13.30 | 3.48 | 12.50 | 3.31 | 12.10 | 3.14 | 11.70 | 2.99 | 10.90 | 2.81 |
|        | -5                | -5.6     | 14.10                     | 3.49 | 13.30 | 3.28 | 12.50 | 3.13 | 12.10 | 2.96 | 11.70 | 2.82 | 10.90 | 2.66 |
|        | -3                | -3.7     | 14.10                     | 3.28 | 13.30 | 3.09 | 12.50 | 2.94 | 12.10 | 2.78 | 11.70 | 2.66 | 10.90 | 2.51 |
|        | 0                 | -0.7     | 14.10                     | 2.98 | 13.30 | 2.79 | 12.50 | 2.67 | 12.10 | 2.54 | 11.70 | 2.42 | 10.90 | 2.28 |
|        | 3                 | 2.2      | 14.10                     | 2.66 | 13.30 | 2.50 | 12.50 | 2.40 | 12.10 | 2.28 | 11.70 | 2.19 | 10.90 | 2.05 |
|        | 5                 | 4.1      | 14.10                     | 2.46 | 13.30 | 2.30 | 12.50 | 2.21 | 12.10 | 2.10 | 11.70 | 2.03 | 10.90 | 1.90 |
|        | 7                 | 6        | 14.10                     | 2.26 | 13.30 | 2.11 | 12.50 | 2.04 | 12.10 | 1.93 | 11.70 | 1.87 | 10.90 | 1.75 |
|        | 9                 | 7.9      | 14.10                     | 2.04 | 13.30 | 1.91 | 12.50 | 1.83 | 12.10 | 1.74 | 11.70 | 1.69 | 10.90 | 1.57 |
|        | 11                | 9.8      | 14.10                     | 1.91 | 13.30 | 1.79 | 12.50 | 1.72 | 12.10 | 1.63 | 11.70 | 1.58 | 10.90 | 1.47 |
|        | 13                | 11.8     | 14.10                     | 1.79 | 13.30 | 1.67 | 12.50 | 1.61 | 12.10 | 1.54 | 11.70 | 1.48 | 10.90 | 1.39 |
|        | 15                | 13.7     | 14.10                     | 1.69 | 13.30 | 1.58 | 12.50 | 1.53 | 12.10 | 1.45 | 11.70 | 1.41 | 10.90 | 1.31 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM100LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 12.90                     | 9.68  | 12.90 | 9.78  | 12.80 | 9.89  | 12.80 | 10.03 | 12.80 | 10.13 | 12.50 | 10.36 |
|        | -24.8             | -25      | 21.60                     | 10.00 | 21.60 | 10.10 | 21.40 | 10.19 | 21.40 | 10.33 | 21.40 | 10.45 | 20.80 | 10.66 |
|        | -21.8             | -22      | 26.10                     | 10.18 | 26.10 | 10.28 | 26.00 | 10.36 | 26.00 | 10.50 | 26.00 | 10.63 | 25.40 | 10.83 |
|        | -19.8             | -20      | 27.60                     | 10.30 | 27.60 | 10.40 | 27.40 | 10.48 | 27.40 | 10.62 | 27.40 | 10.75 | 26.70 | 10.95 |
|        | -18.8             | -19      | 28.10                     | 10.36 | 28.10 | 10.45 | 27.90 | 10.55 | 27.90 | 10.68 | 27.90 | 10.80 | 27.20 | 11.01 |
|        | -16.7             | -17      | 29.10                     | 10.48 | 29.10 | 10.58 | 28.90 | 10.67 | 28.90 | 10.81 | 28.90 | 10.93 | 28.10 | 11.13 |
|        | -15               | -15.9    | 29.80                     | 10.57 | 29.80 | 10.67 | 29.60 | 10.76 | 29.60 | 10.89 | 29.60 | 11.02 | 28.80 | 10.83 |
|        | -13.7             | -15      | 30.40                     | 10.66 | 30.40 | 10.76 | 30.30 | 10.84 | 30.30 | 10.98 | 30.30 | 11.11 | 29.50 | 10.52 |
|        | -11.8             | -13      | 31.40                     | 10.76 | 31.40 | 10.87 | 31.20 | 10.96 | 31.20 | 11.09 | 31.20 | 10.68 | 30.40 | 10.13 |
|        | -9.8              | -11      | 32.20                     | 10.88 | 32.20 | 10.98 | 32.00 | 11.08 | 32.00 | 10.63 | 32.00 | 10.24 | 31.30 | 9.73  |
|        | -9.5              | -10      | 32.50                     | 10.90 | 32.50 | 11.00 | 32.20 | 11.00 | 32.20 | 10.55 | 32.20 | 10.17 | 31.50 | 9.67  |
|        | -8.5              | -9.1     | 33.10                     | 10.96 | 33.10 | 11.06 | 32.90 | 10.75 | 32.90 | 10.32 | 32.70 | 9.95  | 31.90 | 9.47  |
|        | -7                | -7.6     | 34.00                     | 11.05 | 34.00 | 10.68 | 33.80 | 10.38 | 33.80 | 9.98  | 33.80 | 9.62  | 32.60 | 9.17  |
|        | -5                | -5.6     | 35.30                     | 10.54 | 35.30 | 10.19 | 35.10 | 9.91  | 35.10 | 9.53  | 35.10 | 9.20  | 33.50 | 8.78  |
|        | -3                | -3.7     | 36.70                     | 10.04 | 36.70 | 9.71  | 36.40 | 9.43  | 36.40 | 9.08  | 36.40 | 8.78  | 34.50 | 8.39  |
|        | 0                 | -0.7     | 38.60                     | 9.28  | 38.60 | 8.98  | 38.40 | 8.73  | 38.40 | 8.42  | 38.20 | 8.10  | 35.60 | 7.76  |
|        | 3                 | 2.2      | 40.50                     | 8.52  | 40.50 | 8.25  | 40.30 | 8.01  | 39.60 | 7.62  | 38.20 | 7.12  | 35.60 | 6.92  |
|        | 5                 | 4.1      | 40.70                     | 7.82  | 40.70 | 7.56  | 40.60 | 7.36  | 39.60 | 6.96  | 38.20 | 6.69  | 35.60 | 6.47  |
|        | 7                 | 6        | 40.70                     | 7.11  | 40.70 | 6.88  | 40.60 | 6.70  | 39.60 | 6.48  | 38.20 | 6.29  | 35.60 | 6.11  |
|        | 9                 | 7.9      | 40.70                     | 6.69  | 40.70 | 6.48  | 40.60 | 6.30  | 39.60 | 6.11  | 38.20 | 5.93  | 35.60 | 5.75  |
|        | 11                | 9.8      | 40.70                     | 6.34  | 40.70 | 6.13  | 40.60 | 5.96  | 39.60 | 5.79  | 38.20 | 5.61  | 35.60 | 5.44  |
|        | 13                | 11.8     | 40.70                     | 5.96  | 40.70 | 5.77  | 40.60 | 5.60  | 39.60 | 5.44  | 38.20 | 5.28  | 35.60 | 5.12  |
|        | 15                | 13.7     | 40.70                     | 5.56  | 40.70 | 5.38  | 40.60 | 5.23  | 39.60 | 5.07  | 38.20 | 4.92  | 35.60 | 4.77  |
| 120    | -30               | -30.2    | 12.80                     | 9.78  | 12.80 | 9.89  | 12.70 | 10.03 | 12.70 | 10.13 | 12.70 | 10.36 | 12.40 | 10.48 |
|        | -24.8             | -25      | 21.40                     | 10.10 | 21.40 | 10.19 | 21.20 | 10.33 | 21.20 | 10.45 | 21.20 | 10.66 | 20.70 | 10.79 |
|        | -21.8             | -22      | 26.00                     | 10.28 | 26.00 | 10.36 | 25.80 | 10.50 | 25.80 | 10.63 | 25.80 | 10.83 | 25.20 | 10.97 |
|        | -19.8             | -20      | 27.40                     | 10.40 | 27.40 | 10.48 | 27.30 | 10.62 | 27.30 | 10.75 | 27.30 | 10.95 | 26.50 | 11.09 |
|        | -18.8             | -19      | 27.90                     | 10.45 | 27.90 | 10.55 | 27.70 | 10.68 | 27.70 | 10.80 | 27.70 | 11.01 | 27.00 | 11.15 |
|        | -16.7             | -17      | 28.90                     | 10.58 | 28.90 | 10.67 | 28.60 | 10.81 | 28.60 | 10.93 | 28.60 | 11.13 | 27.90 | 10.75 |
|        | -15               | -15.9    | 29.50                     | 10.67 | 29.50 | 10.76 | 29.40 | 10.89 | 29.40 | 11.02 | 29.40 | 10.83 | 28.60 | 10.47 |
|        | -13.7             | -15      | 30.20                     | 10.76 | 30.20 | 10.84 | 30.10 | 10.98 | 30.10 | 11.11 | 30.10 | 10.53 | 29.30 | 10.20 |
|        | -11.8             | -13      | 31.20                     | 10.87 | 31.20 | 10.96 | 31.00 | 11.09 | 31.00 | 10.68 | 31.00 | 10.16 | 30.20 | 9.83  |
|        | -9.8              | -11      | 32.00                     | 10.98 | 32.00 | 11.08 | 31.80 | 10.62 | 31.80 | 10.24 | 31.80 | 9.77  | 31.10 | 9.46  |
|        | -9.5              | -10      | 32.20                     | 11.00 | 32.20 | 10.99 | 32.00 | 10.54 | 32.00 | 10.17 | 32.00 | 9.70  | 31.20 | 9.41  |
|        | -8.5              | -9.1     | 32.90                     | 11.06 | 32.90 | 10.74 | 32.70 | 10.31 | 32.70 | 9.95  | 32.60 | 9.51  | 31.70 | 9.23  |
|        | -7                | -7.6     | 33.80                     | 10.66 | 33.80 | 10.36 | 33.60 | 9.95  | 33.60 | 9.61  | 33.20 | 9.22  | 32.30 | 8.94  |
|        | -5                | -5.6     | 35.10                     | 10.15 | 35.10 | 9.86  | 34.90 | 9.50  | 34.90 | 9.20  | 34.90 | 8.84  | 33.30 | 8.58  |
|        | -3                | -3.7     | 36.40                     | 9.64  | 36.40 | 9.37  | 36.20 | 9.04  | 36.20 | 8.77  | 36.00 | 8.43  | 33.40 | 8.05  |
|        | 0                 | -0.7     | 38.30                     | 8.88  | 38.30 | 8.62  | 38.10 | 8.36  | 37.10 | 7.92  | 36.00 | 7.51  | 33.40 | 7.28  |
|        | 3                 | 2.2      | 40.20                     | 8.10  | 40.00 | 7.85  | 38.40 | 7.38  | 37.10 | 7.08  | 36.00 | 6.96  | 33.40 | 6.78  |
|        | 5                 | 4.1      | 40.40                     | 7.39  | 40.00 | 7.12  | 38.40 | 6.83  | 37.10 | 6.67  | 36.00 | 6.57  | 33.40 | 6.44  |
|        | 7                 | 6        | 40.40                     | 6.70  | 40.00 | 6.52  | 38.40 | 6.39  | 37.10 | 6.27  | 36.00 | 6.21  | 33.40 | 6.11  |
|        | 9                 | 7.9      | 40.40                     | 6.32  | 40.00 | 6.14  | 38.40 | 6.02  | 37.10 | 5.91  | 36.00 | 5.85  | 33.40 | 5.75  |
|        | 11                | 9.8      | 40.40                     | 5.97  | 40.00 | 5.82  | 38.40 | 5.70  | 37.10 | 5.58  | 36.00 | 5.54  | 33.40 | 5.44  |
|        | 13                | 11.8     | 40.40                     | 5.61  | 40.00 | 5.46  | 38.40 | 5.35  | 37.10 | 5.26  | 36.00 | 5.20  | 33.40 | 5.11  |
|        | 15                | 13.7     | 40.40                     | 5.24  | 40.00 | 5.09  | 38.40 | 5.00  | 37.10 | 4.90  | 36.00 | 4.85  | 33.40 | 4.76  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 12.70                     | 9.89  | 12.70 | 10.03 | 12.70 | 10.13 | 12.70 | 10.36 | 12.70 | 10.48 | 12.40 | 10.55 |
|        | -24.8             | -25      | 21.20                     | 10.19 | 21.20 | 10.33 | 21.10 | 10.45 | 21.10 | 10.66 | 21.10 | 10.79 | 20.60 | 10.86 |
|        | -21.8             | -22      | 25.80                     | 10.36 | 25.80 | 10.50 | 25.70 | 10.63 | 25.70 | 10.83 | 25.70 | 10.97 | 25.10 | 11.04 |
|        | -19.8             | -20      | 27.30                     | 10.48 | 27.30 | 10.62 | 27.10 | 10.75 | 27.10 | 10.95 | 27.10 | 11.09 | 26.40 | 11.16 |
|        | -18.8             | -19      | 27.70                     | 10.55 | 27.70 | 10.68 | 27.60 | 10.80 | 27.60 | 11.01 | 27.60 | 11.15 | 26.80 | 10.96 |
|        | -16.7             | -17      | 28.80                     | 10.67 | 28.80 | 10.81 | 28.50 | 10.93 | 28.50 | 11.13 | 28.50 | 10.73 | 27.80 | 10.55 |
|        | -15               | -15.9    | 29.40                     | 10.76 | 29.40 | 10.89 | 29.20 | 11.02 | 29.20 | 10.82 | 29.20 | 10.44 | 28.90 | 10.25 |
|        | -13.7             | -15      | 30.10                     | 10.84 | 30.10 | 10.98 | 29.90 | 11.11 | 29.90 | 10.50 | 29.90 | 10.15 | 29.90 | 9.96  |
|        | -11.8             | -13      | 31.00                     | 10.96 | 31.00 | 11.09 | 30.80 | 10.66 | 30.80 | 10.10 | 30.80 | 9.77  | 30.10 | 9.38  |
|        | -9.8              | -11      | 31.80                     | 11.08 | 31.80 | 10.58 | 31.70 | 10.19 | 31.70 | 9.69  | 31.70 | 9.38  | 30.10 | 8.91  |
|        | -9.5              | -10      | 32.00                     | 10.99 | 32.00 | 10.50 | 31.80 | 10.12 | 31.80 | 9.62  | 31.80 | 9.33  | 30.10 | 8.73  |
|        | -8.5              | -9.1     | 32.70                     | 10.72 | 32.70 | 10.26 | 32.50 | 9.89  | 32.50 | 9.42  | 32.20 | 9.06  | 30.10 | 8.46  |
|        | -7                | -7.6     | 33.60                     | 10.30 | 33.60 | 9.88  | 33.40 | 9.53  | 33.30 | 9.08  | 32.20 | 8.52  | 30.10 | 8.19  |
|        | -5                | -5.6     | 34.90                     | 9.77  | 34.90 | 9.39  | 34.40 | 9.01  | 33.30 | 8.36  | 32.20 | 8.01  | 30.10 | 7.83  |
|        | -3                | -3.7     | 36.20                     | 9.23  | 36.20 | 8.90  | 34.40 | 8.27  | 33.30 | 7.86  | 32.20 | 7.66  | 30.10 | 7.47  |
|        | 0                 | -0.7     | 38.10                     | 8.42  | 36.70 | 7.88  | 34.40 | 7.53  | 33.30 | 7.29  | 32.20 | 7.13  | 30.10 | 6.94  |
|        | 3                 | 2.2      | 38.80                     | 7.41  | 36.70 | 7.03  | 34.40 | 6.89  | 33.30 | 6.72  | 32.20 | 6.60  | 30.10 | 6.41  |
|        | 5                 | 4.1      | 38.80                     | 6.70  | 36.70 | 6.57  | 34.40 | 6.46  | 33.30 | 6.34  | 32.20 | 6.24  | 30.10 | 6.06  |
|        | 7                 | 6        | 38.80                     | 6.20  | 36.70 | 6.11  | 34.40 | 6.04  | 33.30 | 5.96  | 32.20 | 5.88  | 30.10 | 5.70  |
|        | 9                 | 7.9      | 38.80                     | 5.82  | 36.70 | 5.73  | 34.40 | 5.66  | 33.30 | 5.59  | 32.20 | 5.53  | 30.10 | 5.35  |
|        | 11                | 9.8      | 38.80                     | 5.48  | 36.70 | 5.40  | 34.40 | 5.33  | 33.30 | 5.28  | 32.20 | 5.21  | 30.10 | 5.04  |
|        | 13                | 11.8     | 38.80                     | 5.13  | 36.70 | 5.05  | 34.40 | 5.00  | 33.30 | 4.93  | 32.20 | 4.87  | 30.10 | 4.72  |
|        | 15                | 13.7     | 38.80                     | 4.75  | 36.70 | 4.69  | 34.40 | 4.63  | 33.30 | 4.57  | 32.20 | 4.51  | 30.10 | 4.38  |
| 100    | -30               | -30.2    | 12.70                     | 10.46 | 12.70 | 10.52 | 12.60 | 9.88  | 12.60 | 10.73 | 12.60 | 10.71 | 12.30 | 10.86 |
|        | -24.8             | -25      | 21.10                     | 10.62 | 21.10 | 10.69 | 21.00 | 10.40 | 21.00 | 10.88 | 21.00 | 10.97 | 20.50 | 11.01 |
|        | -21.8             | -22      | 25.70                     | 10.70 | 25.70 | 10.79 | 25.60 | 10.69 | 25.60 | 10.97 | 25.60 | 11.12 | 24.90 | 11.10 |
|        | -19.8             | -20      | 27.20                     | 10.77 | 27.20 | 10.84 | 27.00 | 10.89 | 27.00 | 11.04 | 27.00 | 11.14 | 26.30 | 11.16 |
|        | -18.8             | -19      | 27.60                     | 10.79 | 27.40 | 10.88 | 27.40 | 10.95 | 27.40 | 11.07 | 27.40 | 11.15 | 26.70 | 10.94 |
|        | -16.7             | -17      | 28.40                     | 10.86 | 28.40 | 10.94 | 28.40 | 11.07 | 28.20 | 11.13 | 28.20 | 10.68 | 27.50 | 10.47 |
|        | -15               | -15.9    | 29.20                     | 10.90 | 29.20 | 10.98 | 29.10 | 11.09 | 29.00 | 10.78 | 29.00 | 10.35 | 27.50 | 9.85  |
|        | -13.7             | -15      | 29.90                     | 10.95 | 29.90 | 11.03 | 29.80 | 11.11 | 29.80 | 10.43 | 29.50 | 9.91  | 27.50 | 9.27  |
|        | -11.8             | -13      | 30.80                     | 11.01 | 30.70 | 11.09 | 30.70 | 10.63 | 30.50 | 9.95  | 29.50 | 9.23  | 27.50 | 8.87  |
|        | -9.8              | -11      | 31.70                     | 11.08 | 31.70 | 10.54 | 31.50 | 10.12 | 30.50 | 9.23  | 29.50 | 8.65  | 27.50 | 8.45  |
|        | -9.5              | -10      | 31.90                     | 10.98 | 31.90 | 10.47 | 31.50 | 9.98  | 30.50 | 9.10  | 29.50 | 8.58  | 27.50 | 8.38  |
|        | -8.5              | -9.1     | 32.60                     | 10.70 | 32.60 | 10.20 | 31.50 | 9.54  | 30.50 | 8.74  | 29.50 | 8.37  | 27.50 | 8.17  |
|        | -7                | -7.6     | 34.00                     | 10.27 | 33.50 | 9.70  | 31.50 | 8.92  | 30.50 | 8.41  | 29.50 | 8.06  | 27.50 | 7.86  |
|        | -5                | -5.6     | 35.50                     | 9.70  | 33.50 | 8.83  | 31.50 | 8.46  | 30.50 | 7.99  | 29.50 | 7.66  | 27.50 | 7.46  |
|        | -3                | -3.7     | 35.50                     | 8.88  | 33.50 | 8.28  | 31.50 | 8.01  | 30.50 | 7.57  | 29.50 | 7.25  | 27.50 | 7.05  |
|        | 0                 | -0.7     | 35.50                     | 7.85  | 33.50 | 7.54  | 31.50 | 7.31  | 30.50 | 6.93  | 29.50 | 6.65  | 27.50 | 6.44  |
|        | 3                 | 2.2      | 35.50                     | 7.06  | 33.50 | 6.80  | 31.50 | 6.63  | 30.50 | 6.31  | 29.50 | 6.04  | 27.50 | 5.84  |
|        | 5                 | 4.1      | 35.50                     | 6.53  | 33.50 | 6.31  | 31.50 | 6.17  | 30.50 | 5.88  | 29.50 | 5.63  | 27.50 | 5.43  |
|        | 7                 | 6        | 35.50                     | 6.00  | 33.50 | 5.81  | 31.50 | 5.71  | 30.50 | 5.46  | 29.50 | 5.23  | 27.50 | 5.02  |
|        | 9                 | 7.9      | 35.50                     | 5.49  | 33.50 | 5.31  | 31.50 | 5.22  | 30.50 | 5.00  | 29.50 | 4.78  | 27.50 | 4.60  |
|        | 11                | 9.8      | 35.50                     | 5.01  | 33.50 | 4.85  | 31.50 | 4.76  | 30.50 | 4.56  | 29.50 | 4.37  | 27.50 | 4.20  |
|        | 13                | 11.8     | 35.50                     | 4.51  | 33.50 | 4.37  | 31.50 | 4.29  | 30.50 | 4.11  | 29.50 | 3.93  | 27.50 | 3.78  |
|        | 15                | 13.7     | 35.50                     | 3.99  | 33.50 | 3.87  | 31.50 | 3.80  | 30.50 | 3.64  | 29.50 | 3.47  | 27.50 | 3.35  |
| 90     | -30               | -30.2    | 12.60                     | 9.51  | 12.60 | 9.72  | 12.60 | 9.88  | 12.60 | 9.92  | 12.60 | 10.06 | 12.20 | 11.57 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 21.00                     | 9.83  | 21.00 | 10.04 | 20.90 | 10.18 | 20.90 | 10.24 | 20.90 | 10.38 | 20.40 | 10.59 |
|        | -21.8             | -22      | 25.60                     | 10.01 | 25.60 | 10.22 | 25.50 | 10.35 | 25.50 | 10.43 | 25.50 | 10.56 | 24.80 | 10.02 |
|        | -19.8             | -20      | 27.10                     | 10.13 | 27.10 | 10.34 | 26.80 | 10.47 | 26.80 | 10.54 | 26.80 | 10.17 | 25.10 | 9.25  |
|        | -18.8             | -19      | 27.60                     | 10.20 | 27.40 | 10.39 | 27.30 | 10.54 | 27.30 | 10.34 | 27.00 | 9.88  | 25.10 | 8.96  |
|        | -16.7             | -17      | 28.40                     | 10.31 | 28.40 | 10.52 | 28.30 | 10.11 | 27.90 | 9.77  | 27.00 | 9.12  | 25.10 | 8.59  |
|        | -15               | -15.9    | 29.20                     | 10.40 | 29.20 | 10.20 | 28.80 | 9.73  | 27.90 | 9.28  | 27.00 | 8.81  | 25.10 | 8.33  |
|        | -13.7             | -15      | 29.90                     | 10.49 | 29.90 | 9.88  | 28.80 | 9.22  | 27.90 | 8.81  | 27.00 | 8.51  | 25.10 | 8.07  |
|        | -11.8             | -13      | 30.80                     | 10.05 | 30.60 | 9.47  | 28.80 | 8.63  | 27.90 | 8.46  | 27.00 | 8.17  | 25.10 | 7.74  |
|        | -9.8              | -11      | 31.70                     | 9.59  | 30.60 | 8.74  | 28.80 | 8.26  | 27.90 | 8.08  | 27.00 | 7.81  | 25.10 | 7.39  |
|        | -9.5              | -10      | 31.90                     | 9.52  | 30.60 | 8.62  | 28.80 | 8.20  | 27.90 | 8.02  | 27.00 | 7.75  | 25.10 | 7.34  |
|        | -8.5              | -9.1     | 32.50                     | 9.27  | 30.60 | 8.34  | 28.80 | 8.01  | 27.90 | 7.83  | 27.00 | 7.57  | 25.10 | 7.17  |
|        | -7                | -7.6     | 32.50                     | 8.53  | 30.60 | 8.01  | 28.80 | 7.73  | 27.90 | 7.55  | 27.00 | 7.30  | 25.10 | 6.91  |
|        | -5                | -5.6     | 32.50                     | 8.03  | 30.60 | 7.62  | 28.80 | 7.36  | 27.90 | 7.19  | 27.00 | 6.95  | 25.10 | 6.58  |
|        | -3                | -3.7     | 32.50                     | 7.61  | 30.60 | 7.25  | 28.80 | 7.00  | 27.90 | 6.82  | 27.00 | 6.60  | 25.10 | 6.24  |
|        | 0                 | -0.7     | 32.50                     | 6.98  | 30.60 | 6.67  | 28.80 | 6.46  | 27.90 | 6.28  | 27.00 | 6.08  | 25.10 | 5.74  |
|        | 3                 | 2.2      | 32.50                     | 6.34  | 30.60 | 6.09  | 28.80 | 5.90  | 27.90 | 5.73  | 27.00 | 5.56  | 25.10 | 5.25  |
|        | 5                 | 4.1      | 32.50                     | 5.91  | 30.60 | 5.71  | 28.80 | 5.55  | 27.90 | 5.36  | 27.00 | 5.21  | 25.10 | 4.91  |
|        | 7                 | 6        | 32.50                     | 5.49  | 30.60 | 5.32  | 28.80 | 5.18  | 27.90 | 5.01  | 27.00 | 4.85  | 25.10 | 4.58  |
|        | 9                 | 7.9      | 32.50                     | 5.11  | 30.60 | 4.95  | 28.80 | 4.81  | 27.90 | 4.65  | 27.00 | 4.51  | 25.10 | 4.26  |
|        | 11                | 9.8      | 32.50                     | 4.73  | 30.60 | 4.58  | 28.80 | 4.45  | 27.90 | 4.30  | 27.00 | 4.17  | 25.10 | 3.93  |
|        | 13                | 11.8     | 32.50                     | 4.34  | 30.60 | 4.20  | 28.80 | 4.09  | 27.90 | 3.95  | 27.00 | 3.84  | 25.10 | 3.61  |
|        | 15                | 13.7     | 32.50                     | 3.95  | 30.60 | 3.83  | 28.80 | 3.72  | 27.90 | 3.59  | 27.00 | 3.49  | 25.10 | 3.30  |
| 80     | -30               | -30.2    | 12.60                     | 8.35  | 12.60 | 8.53  | 12.50 | 8.67  | 12.50 | 8.53  | 12.50 | 10.25 | 12.20 | 9.75  |
|        | -24.8             | -25      | 21.00                     | 8.65  | 21.00 | 8.85  | 20.80 | 9.00  | 20.80 | 9.07  | 20.80 | 9.40  | 20.30 | 8.94  |
|        | -21.8             | -22      | 25.40                     | 8.83  | 25.40 | 9.04  | 25.40 | 9.18  | 25.00 | 9.24  | 24.10 | 8.47  | 22.40 | 8.01  |
|        | -19.8             | -20      | 26.70                     | 8.95  | 26.70 | 9.16  | 25.80 | 9.03  | 25.00 | 8.55  | 24.10 | 8.12  | 22.40 | 7.72  |
|        | -18.8             | -19      | 27.20                     | 9.02  | 27.20 | 9.36  | 25.80 | 8.72  | 25.00 | 8.37  | 24.10 | 7.96  | 22.40 | 7.56  |
|        | -16.7             | -17      | 27.30                     | 9.34  | 27.30 | 8.98  | 25.80 | 8.33  | 25.00 | 8.03  | 24.10 | 7.64  | 22.40 | 7.26  |
|        | -15               | -15.9    | 27.90                     | 9.06  | 27.50 | 8.68  | 25.80 | 8.08  | 25.00 | 7.78  | 24.10 | 7.41  | 22.40 | 7.04  |
|        | -13.7             | -15      | 28.50                     | 8.78  | 27.50 | 8.31  | 25.80 | 7.82  | 25.00 | 7.53  | 24.10 | 7.18  | 22.40 | 6.82  |
|        | -11.8             | -13      | 29.10                     | 8.33  | 27.50 | 7.80  | 25.80 | 7.50  | 25.00 | 7.22  | 24.10 | 6.89  | 22.40 | 6.55  |
|        | -9.8              | -11      | 29.10                     | 7.76  | 27.50 | 7.37  | 25.80 | 7.16  | 25.00 | 6.90  | 24.10 | 6.58  | 22.40 | 6.26  |
|        | -9.5              | -10      | 29.10                     | 7.65  | 27.50 | 7.29  | 25.80 | 7.11  | 25.00 | 6.85  | 24.10 | 6.54  | 22.40 | 6.22  |
|        | -8.5              | -9.1     | 29.10                     | 7.42  | 27.50 | 7.10  | 25.80 | 6.94  | 25.00 | 6.69  | 24.10 | 6.38  | 22.40 | 6.07  |
|        | -7                | -7.6     | 29.10                     | 7.10  | 27.50 | 6.85  | 25.80 | 6.69  | 25.00 | 6.44  | 24.10 | 6.16  | 22.40 | 5.86  |
|        | -5                | -5.6     | 29.10                     | 6.76  | 27.50 | 6.52  | 25.80 | 6.37  | 25.00 | 6.13  | 24.10 | 5.86  | 22.40 | 5.58  |
|        | -3                | -3.7     | 29.10                     | 6.41  | 27.50 | 6.19  | 25.80 | 6.04  | 25.00 | 5.81  | 24.10 | 5.57  | 22.40 | 5.30  |
|        | 0                 | -0.7     | 29.10                     | 5.90  | 27.50 | 5.69  | 25.80 | 5.56  | 25.00 | 5.33  | 24.10 | 5.12  | 22.40 | 4.88  |
|        | 3                 | 2.2      | 29.10                     | 5.37  | 27.50 | 5.21  | 25.80 | 5.06  | 25.00 | 4.86  | 24.10 | 4.69  | 22.40 | 4.46  |
|        | 5                 | 4.1      | 29.10                     | 5.03  | 27.50 | 4.88  | 25.80 | 4.74  | 25.00 | 4.55  | 24.10 | 4.39  | 22.40 | 4.18  |
|        | 7                 | 6        | 29.10                     | 4.69  | 27.50 | 4.55  | 25.80 | 4.41  | 25.00 | 4.23  | 24.10 | 4.10  | 22.40 | 3.91  |
|        | 9                 | 7.9      | 29.10                     | 4.41  | 27.50 | 4.27  | 25.80 | 4.14  | 25.00 | 3.98  | 24.10 | 3.84  | 22.40 | 3.67  |
|        | 11                | 9.8      | 29.10                     | 4.09  | 27.50 | 3.97  | 25.80 | 3.85  | 25.00 | 3.69  | 24.10 | 3.57  | 22.40 | 3.41  |
|        | 13                | 11.8     | 29.10                     | 3.81  | 27.50 | 3.70  | 25.80 | 3.59  | 25.00 | 3.45  | 24.10 | 3.33  | 22.40 | 3.18  |
|        | 15                | 13.7     | 29.10                     | 3.59  | 27.50 | 3.49  | 25.80 | 3.38  | 25.00 | 3.24  | 24.10 | 3.14  | 22.40 | 2.99  |
| 70     | -30               | -30.2    | 12.60                     | 8.49  | 12.60 | 8.53  | 12.50 | 8.67  | 12.50 | 10.11 | 12.50 | 9.55  | 12.20 | 9.05  |
|        | -24.8             | -25      | 21.00                     | 8.80  | 21.00 | 8.86  | 20.80 | 8.99  | 20.80 | 9.20  | 20.60 | 8.61  | 19.20 | 7.79  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 70     | -21.8             | -22      | 23.40                     | 8.97 | 23.30 | 9.02 | 21.90 | 8.69 | 21.20 | 8.21 | 20.60 | 7.77 | 19.20 | 7.35 |
|        | -19.8             | -20      | 24.70                     | 9.01 | 23.30 | 8.67 | 21.90 | 8.34 | 21.20 | 7.89 | 20.60 | 7.47 | 19.20 | 7.06 |
|        | -18.8             | -19      | 24.70                     | 8.81 | 23.30 | 8.49 | 21.90 | 8.17 | 21.20 | 7.72 | 20.60 | 7.31 | 19.20 | 6.92 |
|        | -16.7             | -17      | 24.70                     | 8.28 | 23.30 | 8.10 | 21.90 | 7.80 | 21.20 | 7.38 | 20.60 | 7.00 | 19.20 | 6.62 |
|        | -15               | -15.9    | 24.70                     | 8.00 | 23.30 | 7.83 | 21.90 | 7.54 | 21.20 | 7.13 | 20.60 | 6.77 | 19.20 | 6.40 |
|        | -13.7             | -15      | 24.70                     | 7.73 | 23.30 | 7.57 | 21.90 | 7.27 | 21.20 | 6.88 | 20.60 | 6.54 | 19.20 | 6.18 |
|        | -11.8             | -13      | 24.70                     | 7.39 | 23.30 | 7.22 | 21.90 | 6.95 | 21.20 | 6.58 | 20.60 | 6.26 | 19.20 | 5.91 |
|        | -9.8              | -11      | 24.70                     | 7.03 | 23.30 | 6.86 | 21.90 | 6.60 | 21.20 | 6.26 | 20.60 | 5.96 | 19.20 | 5.63 |
|        | -9.5              | -10      | 24.70                     | 6.98 | 23.30 | 6.80 | 21.90 | 6.55 | 21.20 | 6.21 | 20.60 | 5.91 | 19.20 | 5.59 |
|        | -8.5              | -9.1     | 24.70                     | 6.80 | 23.30 | 6.62 | 21.90 | 6.38 | 21.20 | 6.05 | 20.60 | 5.76 | 19.20 | 5.45 |
|        | -7                | -7.6     | 24.70                     | 6.53 | 23.30 | 6.36 | 21.90 | 6.12 | 21.20 | 5.81 | 20.60 | 5.54 | 19.20 | 5.23 |
|        | -5                | -5.6     | 24.70                     | 6.18 | 23.30 | 6.01 | 21.90 | 5.79 | 21.20 | 5.49 | 20.60 | 5.25 | 19.20 | 4.96 |
|        | -3                | -3.7     | 24.70                     | 5.83 | 23.30 | 5.67 | 21.90 | 5.46 | 21.20 | 5.18 | 20.60 | 4.96 | 19.20 | 4.68 |
|        | 0                 | -0.7     | 24.70                     | 5.31 | 23.30 | 5.14 | 21.90 | 4.96 | 21.20 | 4.71 | 20.60 | 4.53 | 19.20 | 4.27 |
|        | 3                 | 2.2      | 24.70                     | 4.78 | 23.30 | 4.62 | 21.90 | 4.46 | 21.20 | 4.25 | 20.60 | 4.09 | 19.20 | 3.85 |
|        | 5                 | 4.1      | 24.70                     | 4.44 | 23.30 | 4.27 | 21.90 | 4.12 | 21.20 | 3.94 | 20.60 | 3.80 | 19.20 | 3.58 |
|        | 7                 | 6        | 24.70                     | 4.09 | 23.30 | 3.93 | 21.90 | 3.79 | 21.20 | 3.62 | 20.60 | 3.51 | 19.20 | 3.30 |
|        | 9                 | 7.9      | 24.70                     | 3.70 | 23.30 | 3.54 | 21.90 | 3.42 | 21.20 | 3.27 | 20.60 | 3.17 | 19.20 | 2.98 |
|        | 11                | 9.8      | 24.70                     | 3.43 | 23.30 | 3.30 | 21.90 | 3.19 | 21.20 | 3.05 | 20.60 | 2.95 | 19.20 | 2.77 |
|        | 13                | 11.8     | 24.70                     | 3.22 | 23.30 | 3.08 | 21.90 | 2.99 | 21.20 | 2.85 | 20.60 | 2.76 | 19.20 | 2.60 |
|        | 15                | 13.7     | 24.70                     | 3.04 | 23.30 | 2.91 | 21.90 | 2.81 | 21.20 | 2.69 | 20.60 | 2.61 | 19.20 | 2.45 |
| 60     | -30               | -30.2    | 12.00                     | 8.37 | 12.00 | 8.51 | 11.90 | 9.96 | 11.50 | 9.36 | 11.20 | 8.84 | 10.40 | 8.33 |
|        | -24.8             | -25      | 20.00                     | 8.68 | 20.00 | 8.81 | 18.80 | 8.53 | 18.20 | 8.03 | 17.60 | 7.58 | 16.40 | 7.15 |
|        | -21.8             | -22      | 21.20                     | 8.75 | 20.10 | 8.51 | 18.80 | 8.01 | 18.20 | 7.56 | 17.60 | 7.13 | 16.40 | 6.73 |
|        | -19.8             | -20      | 21.20                     | 8.49 | 20.10 | 8.15 | 18.80 | 7.68 | 18.20 | 7.25 | 17.60 | 6.83 | 16.40 | 6.44 |
|        | -18.8             | -19      | 21.20                     | 8.31 | 20.10 | 7.97 | 18.80 | 7.50 | 18.20 | 7.08 | 17.60 | 6.69 | 16.40 | 6.30 |
|        | -16.7             | -17      | 21.20                     | 7.92 | 20.10 | 7.58 | 18.80 | 7.15 | 18.20 | 6.75 | 17.60 | 6.38 | 16.40 | 6.00 |
|        | -15               | -15.9    | 21.20                     | 7.64 | 20.10 | 7.31 | 18.80 | 6.90 | 18.20 | 6.51 | 17.60 | 6.16 | 16.40 | 5.79 |
|        | -13.7             | -15      | 21.20                     | 7.37 | 20.10 | 7.04 | 18.80 | 6.64 | 18.20 | 6.28 | 17.60 | 5.94 | 16.40 | 5.59 |
|        | -11.8             | -13      | 21.20                     | 7.01 | 20.10 | 6.70 | 18.80 | 6.32 | 18.20 | 5.98 | 17.60 | 5.66 | 16.40 | 5.33 |
|        | -9.8              | -11      | 21.20                     | 6.64 | 20.10 | 6.34 | 18.80 | 5.99 | 18.20 | 5.67 | 17.60 | 5.37 | 16.40 | 5.05 |
|        | -9.5              | -10      | 21.20                     | 6.59 | 20.10 | 6.28 | 18.80 | 5.94 | 18.20 | 5.62 | 17.60 | 5.33 | 16.40 | 5.01 |
|        | -8.5              | -9.1     | 21.20                     | 6.40 | 20.10 | 6.11 | 18.80 | 5.77 | 18.20 | 5.47 | 17.60 | 5.18 | 16.40 | 4.87 |
|        | -7                | -7.6     | 21.20                     | 6.13 | 20.10 | 5.84 | 18.80 | 5.52 | 18.20 | 5.24 | 17.60 | 4.97 | 16.40 | 4.67 |
|        | -5                | -5.6     | 21.20                     | 5.77 | 20.10 | 5.49 | 18.80 | 5.20 | 18.20 | 4.94 | 17.60 | 4.68 | 16.40 | 4.39 |
|        | -3                | -3.7     | 21.20                     | 5.41 | 20.10 | 5.14 | 18.80 | 4.87 | 18.20 | 4.63 | 17.60 | 4.40 | 16.40 | 4.12 |
|        | 0                 | -0.7     | 21.20                     | 4.88 | 20.10 | 4.63 | 18.80 | 4.38 | 18.20 | 4.18 | 17.60 | 3.98 | 16.40 | 3.72 |
|        | 3                 | 2.2      | 21.20                     | 4.34 | 20.10 | 4.10 | 18.80 | 3.90 | 18.20 | 3.72 | 17.60 | 3.56 | 16.40 | 3.32 |
|        | 5                 | 4.1      | 21.20                     | 3.99 | 20.10 | 3.75 | 18.80 | 3.57 | 18.20 | 3.42 | 17.60 | 3.28 | 16.40 | 3.05 |
|        | 7                 | 6        | 21.20                     | 3.64 | 20.10 | 3.40 | 18.80 | 3.25 | 18.20 | 3.12 | 17.60 | 2.99 | 16.40 | 2.78 |
|        | 9                 | 7.9      | 21.20                     | 3.25 | 20.10 | 3.04 | 18.80 | 2.90 | 18.20 | 2.78 | 17.60 | 2.67 | 16.40 | 2.48 |
|        | 11                | 9.8      | 21.20                     | 3.03 | 20.10 | 2.84 | 18.80 | 2.70 | 18.20 | 2.60 | 17.60 | 2.50 | 16.40 | 2.32 |
|        | 13                | 11.8     | 21.20                     | 2.84 | 20.10 | 2.65 | 18.80 | 2.54 | 18.20 | 2.43 | 17.60 | 2.33 | 16.40 | 2.17 |
|        | 15                | 13.7     | 21.20                     | 2.68 | 20.10 | 2.51 | 18.80 | 2.39 | 18.20 | 2.30 | 17.60 | 2.21 | 16.40 | 2.05 |
| 50     | -30               | -30.2    | 11.20                     | 7.34 | 10.60 | 8.68 | 10.00 | 8.17 | 9.60  | 7.70 | 9.30  | 7.22 | 8.70  | 6.83 |
|        | -24.8             | -25      | 17.70                     | 7.24 | 16.70 | 7.43 | 15.70 | 6.99 | 15.20 | 6.59 | 14.70 | 6.20 | 13.70 | 5.86 |
|        | -21.8             | -22      | 17.70                     | 7.41 | 16.70 | 6.98 | 15.70 | 6.57 | 15.20 | 6.19 | 14.70 | 5.84 | 13.70 | 5.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 17.70                     | 7.09 | 16.70 | 6.67 | 15.70 | 6.29 | 15.20 | 5.93 | 14.70 | 5.60 | 13.70 | 5.27 |
|        | -18.8             | -19      | 17.70                     | 6.93 | 16.70 | 6.53 | 15.70 | 6.15 | 15.20 | 5.80 | 14.70 | 5.47 | 13.70 | 5.16 |
|        | -16.7             | -17      | 17.70                     | 6.60 | 16.70 | 6.21 | 15.70 | 5.86 | 15.20 | 5.52 | 14.70 | 5.22 | 13.70 | 4.92 |
|        | -15               | -15.9    | 17.70                     | 6.36 | 16.70 | 5.98 | 15.70 | 5.65 | 15.20 | 5.33 | 14.70 | 5.04 | 13.70 | 4.74 |
|        | -13.7             | -15      | 17.70                     | 6.13 | 16.70 | 5.76 | 15.70 | 5.44 | 15.20 | 5.13 | 14.70 | 4.86 | 13.70 | 4.57 |
|        | -11.8             | -13      | 17.70                     | 5.83 | 16.70 | 5.47 | 15.70 | 5.18 | 15.20 | 4.89 | 14.70 | 4.63 | 13.70 | 4.36 |
|        | -9.8              | -11      | 17.70                     | 5.51 | 16.70 | 5.18 | 15.70 | 4.90 | 15.20 | 4.63 | 14.70 | 4.39 | 13.70 | 4.13 |
|        | -9.5              | -10      | 17.70                     | 5.46 | 16.70 | 5.13 | 15.70 | 4.86 | 15.20 | 4.59 | 14.70 | 4.36 | 13.70 | 4.10 |
|        | -8.5              | -9.1     | 17.70                     | 5.30 | 16.70 | 4.98 | 15.70 | 4.73 | 15.20 | 4.47 | 14.70 | 4.24 | 13.70 | 3.99 |
|        | -7                | -7.6     | 17.70                     | 5.07 | 16.70 | 4.76 | 15.70 | 4.52 | 15.20 | 4.27 | 14.70 | 4.06 | 13.70 | 3.82 |
|        | -5                | -5.6     | 17.70                     | 4.76 | 16.70 | 4.48 | 15.70 | 4.26 | 15.20 | 4.02 | 14.70 | 3.83 | 13.70 | 3.59 |
|        | -3                | -3.7     | 17.70                     | 4.46 | 16.70 | 4.19 | 15.70 | 3.98 | 15.20 | 3.77 | 14.70 | 3.59 | 13.70 | 3.38 |
|        | 0                 | -0.7     | 17.70                     | 4.00 | 16.70 | 3.76 | 15.70 | 3.58 | 15.20 | 3.39 | 14.70 | 3.25 | 13.70 | 3.05 |
|        | 3                 | 2.2      | 17.70                     | 3.54 | 16.70 | 3.33 | 15.70 | 3.18 | 15.20 | 3.02 | 14.70 | 2.90 | 13.70 | 2.72 |
|        | 5                 | 4.1      | 17.70                     | 3.24 | 16.70 | 3.04 | 15.70 | 2.91 | 15.20 | 2.77 | 14.70 | 2.67 | 13.70 | 2.49 |
|        | 7                 | 6        | 17.70                     | 2.94 | 16.70 | 2.75 | 15.70 | 2.65 | 15.20 | 2.51 | 14.70 | 2.43 | 13.70 | 2.28 |
|        | 9                 | 7.9      | 17.70                     | 2.65 | 16.70 | 2.48 | 15.70 | 2.40 | 15.20 | 2.27 | 14.70 | 2.20 | 13.70 | 2.05 |
|        | 11                | 9.8      | 17.70                     | 2.48 | 16.70 | 2.33 | 15.70 | 2.24 | 15.20 | 2.12 | 14.70 | 2.06 | 13.70 | 1.92 |
|        | 13                | 11.8     | 17.70                     | 2.33 | 16.70 | 2.18 | 15.70 | 2.10 | 15.20 | 2.00 | 14.70 | 1.94 | 13.70 | 1.80 |
|        | 15                | 13.7     | 17.70                     | 2.20 | 16.70 | 2.06 | 15.70 | 1.99 | 15.20 | 1.89 | 14.70 | 1.83 | 13.70 | 1.70 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM120LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 15.30                     | 11.24 | 15.30 | 11.46 | 15.20 | 11.66 | 15.20 | 11.96 | 15.20 | 12.25 | 15.20 | 12.72 |
|        | -24.8             | -25      | 25.50                     | 11.98 | 25.50 | 12.20 | 25.40 | 12.40 | 25.40 | 12.70 | 25.40 | 12.99 | 25.30 | 13.44 |
|        | -21.8             | -22      | 30.30                     | 12.41 | 30.30 | 12.63 | 30.10 | 12.83 | 30.10 | 13.12 | 30.10 | 13.42 | 30.00 | 13.85 |
|        | -19.8             | -20      | 31.60                     | 12.69 | 31.60 | 12.92 | 31.40 | 13.11 | 31.40 | 13.41 | 31.40 | 13.69 | 31.30 | 14.14 |
|        | -18.8             | -19      | 32.40                     | 12.84 | 32.40 | 13.06 | 32.10 | 13.25 | 32.10 | 13.55 | 32.10 | 13.83 | 32.00 | 14.28 |
|        | -16.7             | -17      | 34.00                     | 13.13 | 34.00 | 13.35 | 33.70 | 13.55 | 33.70 | 13.84 | 33.70 | 14.12 | 33.50 | 14.57 |
|        | -15               | -15.9    | 35.10                     | 13.34 | 35.10 | 13.56 | 34.90 | 13.76 | 34.90 | 14.05 | 34.90 | 14.33 | 34.70 | 14.22 |
|        | -13.7             | -15      | 36.20                     | 13.55 | 36.20 | 13.77 | 36.00 | 13.97 | 36.00 | 14.26 | 36.00 | 14.54 | 35.80 | 13.87 |
|        | -11.8             | -13      | 37.40                     | 13.82 | 37.40 | 14.04 | 37.20 | 14.23 | 37.20 | 14.53 | 37.20 | 14.07 | 37.20 | 13.42 |
|        | -9.8              | -11      | 38.70                     | 14.09 | 38.70 | 14.32 | 38.30 | 14.51 | 38.30 | 14.01 | 38.30 | 13.56 | 38.30 | 12.96 |
|        | -9.5              | -10      | 38.90                     | 14.14 | 38.90 | 14.36 | 38.70 | 14.43 | 38.70 | 13.92 | 38.50 | 13.49 | 38.50 | 12.88 |
|        | -8.5              | -9.1     | 39.80                     | 14.28 | 39.80 | 14.50 | 39.60 | 14.15 | 39.60 | 13.67 | 39.20 | 13.23 | 39.20 | 12.65 |
|        | -7                | -7.6     | 41.30                     | 14.48 | 41.30 | 14.08 | 41.00 | 13.75 | 41.00 | 13.27 | 41.00 | 12.85 | 40.80 | 12.30 |
|        | -5                | -5.6     | 43.20                     | 13.94 | 43.20 | 13.55 | 42.90 | 13.21 | 42.90 | 12.76 | 42.90 | 12.37 | 42.20 | 11.85 |
|        | -3                | -3.7     | 45.20                     | 13.39 | 45.20 | 13.01 | 44.80 | 12.68 | 44.80 | 12.25 | 44.80 | 11.88 | 42.70 | 11.15 |
|        | 0                 | -0.7     | 47.90                     | 12.57 | 47.90 | 12.20 | 47.70 | 11.88 | 47.50 | 11.44 | 45.80 | 10.69 | 42.70 | 10.05 |
|        | 3                 | 2.2      | 48.90                     | 11.31 | 48.90 | 10.96 | 48.70 | 10.68 | 47.50 | 10.10 | 45.80 | 9.75  | 42.70 | 9.42  |
|        | 5                 | 4.1      | 48.90                     | 10.49 | 48.90 | 10.16 | 48.70 | 9.88  | 47.50 | 9.58  | 45.80 | 9.29  | 42.70 | 8.99  |
|        | 7                 | 6        | 48.90                     | 9.98  | 48.90 | 9.66  | 48.70 | 9.38  | 47.50 | 9.11  | 45.80 | 8.83  | 42.70 | 8.57  |
|        | 9                 | 7.9      | 48.90                     | 9.55  | 48.90 | 9.24  | 48.70 | 8.97  | 47.50 | 8.71  | 45.80 | 8.46  | 42.70 | 8.20  |
| 120    | 11                | 9.8      | 48.90                     | 9.19  | 48.90 | 8.89  | 48.70 | 8.64  | 47.50 | 8.39  | 45.80 | 8.14  | 42.70 | 7.89  |
|        | 13                | 11.8     | 48.90                     | 8.81  | 48.90 | 8.53  | 48.70 | 8.28  | 47.50 | 8.04  | 45.80 | 7.81  | 42.70 | 7.57  |
|        | 15                | 13.7     | 48.90                     | 8.42  | 48.90 | 8.14  | 48.70 | 7.90  | 47.50 | 7.68  | 45.80 | 7.45  | 42.70 | 7.22  |
|        | -30               | -30.2    | 15.20                     | 11.46 | 15.20 | 11.66 | 15.10 | 11.96 | 15.10 | 12.25 | 15.10 | 12.72 | 15.10 | 13.04 |
|        | -24.8             | -25      | 25.40                     | 12.20 | 25.40 | 12.40 | 25.20 | 12.70 | 25.20 | 12.99 | 25.20 | 13.44 | 25.10 | 13.76 |
|        | -21.8             | -22      | 30.10                     | 12.63 | 30.10 | 12.83 | 29.90 | 13.12 | 29.90 | 13.42 | 29.90 | 13.85 | 29.80 | 14.17 |
|        | -19.8             | -20      | 31.40                     | 12.92 | 31.40 | 13.11 | 31.20 | 13.41 | 31.20 | 13.69 | 31.20 | 14.14 | 31.10 | 14.45 |
|        | -18.8             | -19      | 32.10                     | 13.06 | 32.10 | 13.25 | 31.90 | 13.55 | 31.90 | 13.83 | 31.90 | 14.28 | 31.80 | 14.59 |
|        | -16.7             | -17      | 33.70                     | 13.35 | 33.70 | 13.55 | 33.50 | 13.84 | 33.50 | 14.12 | 33.50 | 14.57 | 33.30 | 14.14 |
|        | -15               | -15.9    | 34.80                     | 13.56 | 34.80 | 13.76 | 34.60 | 14.05 | 34.60 | 14.33 | 34.60 | 14.23 | 34.40 | 13.82 |
|        | -13.7             | -15      | 35.90                     | 13.77 | 35.90 | 13.97 | 35.70 | 14.26 | 35.70 | 14.54 | 35.70 | 13.89 | 35.60 | 13.49 |
|        | -11.8             | -13      | 37.10                     | 14.04 | 37.10 | 14.23 | 36.80 | 14.53 | 36.80 | 14.06 | 36.80 | 13.45 | 36.80 | 13.08 |
|        | -9.8              | -11      | 38.30                     | 14.32 | 38.30 | 14.51 | 38.10 | 13.99 | 38.10 | 13.55 | 38.10 | 13.00 | 38.10 | 12.65 |
|        | -9.5              | -10      | 38.70                     | 14.36 | 38.70 | 14.42 | 38.40 | 13.91 | 38.40 | 13.48 | 38.40 | 12.94 | 38.40 | 12.58 |
|        | -8.5              | -9.1     | 39.60                     | 14.50 | 39.60 | 14.13 | 39.30 | 13.63 | 39.30 | 13.22 | 39.30 | 12.71 | 39.30 | 12.37 |
|        | -7                | -7.6     | 41.00                     | 14.06 | 41.00 | 13.70 | 40.80 | 13.24 | 40.80 | 12.84 | 40.60 | 12.37 | 40.10 | 11.94 |
|        | -5                | -5.6     | 42.90                     | 13.49 | 42.90 | 13.14 | 42.60 | 12.72 | 42.60 | 12.35 | 42.60 | 11.93 | 40.10 | 11.11 |
|        | -3                | -3.7     | 44.80                     | 12.92 | 44.80 | 12.58 | 44.50 | 12.19 | 44.50 | 11.85 | 43.10 | 11.13 | 40.10 | 10.50 |
|        | 0                 | -0.7     | 47.60                     | 12.06 | 47.60 | 11.74 | 46.10 | 11.12 | 44.50 | 10.46 | 43.10 | 10.15 | 40.10 | 9.92  |
|        | 3                 | 2.2      | 48.50                     | 10.75 | 48.00 | 10.36 | 46.10 | 9.96  | 44.50 | 9.73  | 43.10 | 9.54  | 40.10 | 9.35  |
|        | 5                 | 4.1      | 48.50                     | 9.95  | 48.00 | 9.69  | 46.10 | 9.47  | 44.50 | 9.27  | 43.10 | 9.14  | 40.10 | 8.96  |
|        | 7                 | 6        | 48.50                     | 9.42  | 48.00 | 9.16  | 46.10 | 8.98  | 44.50 | 8.81  | 43.10 | 8.73  | 40.10 | 8.57  |
|        | 9                 | 7.9      | 48.50                     | 8.99  | 48.00 | 8.75  | 46.10 | 8.58  | 44.50 | 8.42  | 43.10 | 8.34  | 40.10 | 8.18  |
|        | 11                | 9.8      | 48.50                     | 8.65  | 48.00 | 8.41  | 46.10 | 8.24  | 44.50 | 8.09  | 43.10 | 8.01  | 40.10 | 7.87  |
|        | 13                | 11.8     | 48.50                     | 8.28  | 48.00 | 8.05  | 46.10 | 7.89  | 44.50 | 7.75  | 43.10 | 7.67  | 40.10 | 7.53  |
|        | 15                | 13.7     | 48.50                     | 7.88  | 48.00 | 7.67  | 46.10 | 7.52  | 44.50 | 7.38  | 43.10 | 7.31  | 40.10 | 7.17  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 15.10                     | 11.66 | 15.10 | 11.96 | 15.10 | 12.25 | 15.10 | 12.72 | 15.10 | 13.04 | 15.00 | 13.17 |
|        | -24.8             | -25      | 25.20                     | 12.40 | 25.20 | 12.70 | 25.10 | 12.99 | 25.10 | 13.44 | 25.10 | 13.76 | 25.00 | 13.90 |
|        | -21.8             | -22      | 30.00                     | 12.83 | 30.00 | 13.12 | 29.80 | 13.42 | 29.80 | 13.85 | 29.80 | 14.17 | 29.70 | 14.33 |
|        | -19.8             | -20      | 31.20                     | 13.11 | 31.20 | 13.41 | 31.10 | 13.69 | 31.10 | 14.14 | 31.10 | 14.45 | 30.90 | 14.60 |
|        | -18.8             | -19      | 31.90                     | 13.25 | 31.90 | 13.55 | 31.70 | 13.83 | 31.70 | 14.28 | 31.70 | 14.59 | 31.60 | 14.37 |
|        | -16.7             | -17      | 33.50                     | 13.55 | 33.50 | 13.84 | 33.30 | 14.12 | 33.30 | 14.57 | 33.30 | 14.11 | 33.10 | 13.88 |
|        | -15               | -15.9    | 34.70                     | 13.76 | 34.70 | 14.05 | 34.40 | 14.33 | 34.40 | 14.21 | 34.40 | 13.76 | 34.30 | 13.53 |
|        | -13.7             | -15      | 35.80                     | 13.97 | 35.80 | 14.26 | 35.50 | 14.54 | 35.50 | 13.85 | 35.50 | 13.42 | 35.50 | 13.19 |
|        | -11.8             | -13      | 36.90                     | 14.23 | 36.90 | 14.53 | 36.60 | 14.03 | 36.60 | 13.38 | 36.60 | 12.99 | 36.10 | 12.58 |
|        | -9.8              | -11      | 38.10                     | 14.51 | 38.10 | 13.95 | 37.90 | 13.49 | 37.90 | 12.90 | 37.90 | 12.53 | 36.10 | 11.71 |
|        | -9.5              | -10      | 38.40                     | 14.41 | 38.40 | 13.85 | 38.20 | 13.40 | 38.20 | 12.82 | 38.20 | 12.47 | 36.10 | 11.54 |
|        | -8.5              | -9.1     | 39.40                     | 14.10 | 39.40 | 13.56 | 39.10 | 13.14 | 39.10 | 12.58 | 38.60 | 12.08 | 36.10 | 11.23 |
|        | -7                | -7.6     | 40.80                     | 13.62 | 40.80 | 13.12 | 40.60 | 12.73 | 40.00 | 12.04 | 38.60 | 11.32 | 36.10 | 10.91 |
|        | -5                | -5.6     | 42.70                     | 13.00 | 42.70 | 12.55 | 41.30 | 11.89 | 40.00 | 11.08 | 38.60 | 10.73 | 36.10 | 10.49 |
|        | -3                | -3.7     | 44.50                     | 12.39 | 44.00 | 11.85 | 41.30 | 10.93 | 40.00 | 10.56 | 38.60 | 10.32 | 36.10 | 10.09 |
|        | 0                 | -0.7     | 46.60                     | 11.26 | 44.00 | 10.44 | 41.30 | 10.19 | 40.00 | 9.90  | 38.60 | 9.71  | 36.10 | 9.47  |
|        | 3                 | 2.2      | 46.60                     | 9.86  | 44.00 | 9.63  | 41.30 | 9.46  | 40.00 | 9.25  | 38.60 | 9.09  | 36.10 | 8.84  |
|        | 5                 | 4.1      | 46.60                     | 9.28  | 44.00 | 9.11  | 41.30 | 8.97  | 40.00 | 8.81  | 38.60 | 8.68  | 36.10 | 8.43  |
|        | 7                 | 6        | 46.60                     | 8.70  | 44.00 | 8.57  | 41.30 | 8.47  | 40.00 | 8.37  | 38.60 | 8.26  | 36.10 | 8.01  |
|        | 9                 | 7.9      | 46.60                     | 8.28  | 44.00 | 8.15  | 41.30 | 8.07  | 40.00 | 7.97  | 38.60 | 7.86  | 36.10 | 7.62  |
|        | 11                | 9.8      | 46.60                     | 7.92  | 44.00 | 7.81  | 41.30 | 7.72  | 40.00 | 7.62  | 38.60 | 7.52  | 36.10 | 7.29  |
|        | 13                | 11.8     | 46.60                     | 7.54  | 44.00 | 7.44  | 41.30 | 7.35  | 40.00 | 7.26  | 38.60 | 7.16  | 36.10 | 6.95  |
|        | 15                | 13.7     | 46.60                     | 7.15  | 44.00 | 7.05  | 41.30 | 6.96  | 40.00 | 6.88  | 38.60 | 6.80  | 36.10 | 6.58  |
| 100    | -30               | -30.2    | 15.10                     | 13.80 | 15.10 | 13.88 | 15.00 | 12.85 | 15.00 | 14.10 | 15.00 | 13.81 | 14.90 | 14.24 |
|        | -24.8             | -25      | 25.10                     | 13.99 | 25.10 | 14.07 | 25.00 | 13.56 | 25.00 | 14.29 | 25.00 | 14.38 | 24.90 | 14.43 |
|        | -21.8             | -22      | 29.80                     | 14.10 | 29.80 | 14.18 | 29.70 | 13.96 | 29.70 | 14.40 | 29.70 | 14.71 | 29.50 | 14.54 |
|        | -19.8             | -20      | 31.10                     | 14.16 | 31.10 | 14.24 | 30.90 | 14.22 | 30.90 | 14.46 | 30.90 | 14.63 | 30.80 | 14.60 |
|        | -18.8             | -19      | 31.80                     | 14.19 | 31.60 | 14.29 | 31.60 | 14.37 | 31.60 | 14.50 | 31.60 | 14.59 | 31.50 | 14.33 |
|        | -16.7             | -17      | 33.20                     | 14.27 | 33.20 | 14.36 | 33.20 | 14.67 | 33.00 | 14.57 | 33.00 | 14.03 | 32.80 | 13.77 |
|        | -15               | -15.9    | 34.40                     | 14.32 | 34.40 | 14.41 | 34.30 | 14.60 | 34.20 | 14.16 | 34.20 | 13.63 | 33.00 | 12.97 |
|        | -13.7             | -15      | 35.60                     | 14.38 | 35.60 | 14.46 | 35.30 | 14.54 | 35.30 | 13.75 | 35.30 | 13.23 | 33.00 | 12.14 |
|        | -11.8             | -13      | 36.70                     | 14.44 | 36.50 | 14.53 | 36.50 | 13.98 | 36.50 | 13.23 | 35.40 | 12.33 | 33.00 | 11.66 |
|        | -9.8              | -11      | 37.90                     | 14.51 | 37.90 | 13.89 | 37.80 | 13.40 | 36.60 | 12.28 | 35.40 | 11.42 | 33.00 | 11.15 |
|        | -9.5              | -10      | 38.20                     | 14.41 | 38.20 | 13.80 | 37.80 | 13.23 | 36.60 | 12.13 | 35.40 | 11.34 | 33.00 | 11.08 |
|        | -8.5              | -9.1     | 39.20                     | 14.07 | 39.20 | 13.49 | 37.80 | 12.62 | 36.60 | 11.53 | 35.40 | 11.09 | 33.00 | 10.83 |
|        | -7                | -7.6     | 41.20                     | 13.57 | 40.20 | 12.72 | 37.80 | 11.77 | 36.60 | 11.15 | 35.40 | 10.72 | 33.00 | 10.46 |
|        | -5                | -5.6     | 42.60                     | 12.79 | 40.20 | 11.70 | 37.80 | 11.23 | 36.60 | 10.66 | 35.40 | 10.23 | 33.00 | 9.97  |
|        | -3                | -3.7     | 42.60                     | 11.79 | 40.20 | 11.04 | 37.80 | 10.70 | 36.60 | 10.15 | 35.40 | 9.76  | 33.00 | 9.48  |
|        | 0                 | -0.7     | 42.60                     | 10.57 | 40.20 | 10.17 | 37.80 | 9.89  | 36.60 | 9.42  | 35.40 | 9.03  | 33.00 | 8.76  |
|        | 3                 | 2.2      | 42.60                     | 9.65  | 40.20 | 9.31  | 37.80 | 9.09  | 36.60 | 8.67  | 35.40 | 8.31  | 33.00 | 8.03  |
|        | 5                 | 4.1      | 42.60                     | 9.04  | 40.20 | 8.74  | 37.80 | 8.55  | 36.60 | 8.16  | 35.40 | 7.82  | 33.00 | 7.54  |
|        | 7                 | 6        | 42.60                     | 8.43  | 40.20 | 8.16  | 37.80 | 8.01  | 36.60 | 7.67  | 35.40 | 7.34  | 33.00 | 7.06  |
|        | 9                 | 7.9      | 42.60                     | 7.93  | 40.20 | 7.68  | 37.80 | 7.54  | 36.60 | 7.22  | 35.40 | 6.91  | 33.00 | 6.64  |
|        | 11                | 9.8      | 42.60                     | 7.49  | 40.20 | 7.26  | 37.80 | 7.14  | 36.60 | 6.82  | 35.40 | 6.53  | 33.00 | 6.28  |
|        | 13                | 11.8     | 42.60                     | 7.04  | 40.20 | 6.81  | 37.80 | 6.70  | 36.60 | 6.41  | 35.40 | 6.14  | 33.00 | 5.89  |
|        | 15                | 13.7     | 42.60                     | 6.56  | 40.20 | 6.35  | 37.80 | 6.24  | 36.60 | 5.97  | 35.40 | 5.72  | 33.00 | 5.49  |
| 90     | -30               | -30.2    | 15.00                     | 11.59 | 15.00 | 12.04 | 14.90 | 12.36 | 14.90 | 12.51 | 14.90 | 12.81 | 14.90 | 15.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 25.00                     | 12.33 | 25.00 | 12.78 | 24.90 | 13.10 | 24.90 | 13.25 | 24.90 | 13.55 | 24.80 | 14.00 |
|        | -21.8             | -22      | 29.70                     | 12.76 | 29.70 | 13.21 | 29.60 | 13.53 | 29.60 | 13.67 | 29.60 | 13.98 | 29.40 | 13.31 |
|        | -19.8             | -20      | 31.00                     | 13.05 | 31.00 | 13.49 | 30.80 | 13.80 | 30.80 | 13.96 | 30.80 | 13.50 | 30.10 | 12.62 |
|        | -18.8             | -19      | 31.80                     | 13.19 | 31.60 | 13.64 | 31.50 | 13.95 | 31.50 | 13.71 | 31.50 | 13.26 | 30.10 | 12.10 |
|        | -16.7             | -17      | 33.20                     | 13.48 | 33.20 | 13.93 | 33.00 | 13.43 | 33.00 | 13.19 | 32.40 | 12.53 | 30.10 | 11.37 |
|        | -15               | -15.9    | 34.40                     | 13.69 | 34.40 | 13.54 | 34.10 | 13.06 | 33.50 | 12.59 | 32.40 | 11.89 | 30.10 | 11.05 |
|        | -13.7             | -15      | 35.60                     | 13.90 | 35.60 | 13.15 | 34.60 | 12.46 | 33.50 | 11.84 | 32.40 | 11.28 | 30.10 | 10.73 |
|        | -11.8             | -13      | 36.70                     | 13.37 | 36.50 | 12.67 | 34.60 | 11.62 | 33.50 | 11.23 | 32.40 | 10.86 | 30.10 | 10.32 |
|        | -9.8              | -11      | 37.90                     | 12.81 | 36.70 | 11.78 | 34.60 | 11.00 | 33.50 | 10.77 | 32.40 | 10.43 | 30.10 | 9.90  |
|        | -9.5              | -10      | 38.20                     | 12.72 | 36.70 | 11.60 | 34.60 | 10.93 | 33.50 | 10.70 | 32.40 | 10.36 | 30.10 | 9.84  |
|        | -8.5              | -9.1     | 39.00                     | 12.38 | 36.70 | 11.17 | 34.60 | 10.70 | 33.50 | 10.47 | 32.40 | 10.14 | 30.10 | 9.62  |
|        | -7                | -7.6     | 39.00                     | 11.38 | 36.70 | 10.72 | 34.60 | 10.36 | 33.50 | 10.13 | 32.40 | 9.80  | 30.10 | 9.31  |
|        | -5                | -5.6     | 39.00                     | 10.76 | 36.70 | 10.25 | 34.60 | 9.92  | 33.50 | 9.69  | 32.40 | 9.38  | 30.10 | 8.90  |
|        | -3                | -3.7     | 39.00                     | 10.25 | 36.70 | 9.79  | 34.60 | 9.48  | 33.50 | 9.24  | 32.40 | 8.95  | 30.10 | 8.48  |
|        | 0                 | -0.7     | 39.00                     | 9.49  | 36.70 | 9.09  | 34.60 | 8.82  | 33.50 | 8.58  | 32.40 | 8.32  | 30.10 | 7.87  |
|        | 3                 | 2.2      | 39.00                     | 8.72  | 36.70 | 8.40  | 34.60 | 8.16  | 33.50 | 7.92  | 32.40 | 7.67  | 30.10 | 7.26  |
|        | 5                 | 4.1      | 39.00                     | 8.22  | 36.70 | 7.94  | 34.60 | 7.71  | 33.50 | 7.47  | 32.40 | 7.25  | 30.10 | 6.84  |
|        | 7                 | 6        | 39.00                     | 7.71  | 36.70 | 7.48  | 34.60 | 7.28  | 33.50 | 7.03  | 32.40 | 6.82  | 30.10 | 6.43  |
|        | 9                 | 7.9      | 39.00                     | 7.25  | 36.70 | 7.02  | 34.60 | 6.84  | 33.50 | 6.60  | 32.40 | 6.41  | 30.10 | 6.04  |
|        | 11                | 9.8      | 39.00                     | 6.78  | 36.70 | 6.58  | 34.60 | 6.39  | 33.50 | 6.18  | 32.40 | 5.99  | 30.10 | 5.65  |
|        | 13                | 11.8     | 39.00                     | 6.31  | 36.70 | 6.12  | 34.60 | 5.95  | 33.50 | 5.75  | 32.40 | 5.58  | 30.10 | 5.26  |
|        | 15                | 13.7     | 39.00                     | 5.85  | 36.70 | 5.66  | 34.60 | 5.52  | 33.50 | 5.32  | 32.40 | 5.16  | 30.10 | 4.87  |
| 80     | -30               | -30.2    | 14.90                     | 10.02 | 14.90 | 10.47 | 14.90 | 10.79 | 14.90 | 10.41 | 14.90 | 13.51 | 14.80 | 12.86 |
|        | -24.8             | -25      | 24.90                     | 10.77 | 24.90 | 11.22 | 24.80 | 11.54 | 24.80 | 11.68 | 24.80 | 12.44 | 24.70 | 11.85 |
|        | -21.8             | -22      | 29.40                     | 11.20 | 29.40 | 11.65 | 29.40 | 11.97 | 29.40 | 12.42 | 28.90 | 11.64 | 26.90 | 10.56 |
|        | -19.8             | -20      | 30.60                     | 11.49 | 30.60 | 11.93 | 30.60 | 12.40 | 30.00 | 11.73 | 28.90 | 10.77 | 26.90 | 10.20 |
|        | -18.8             | -19      | 31.40                     | 11.63 | 31.40 | 12.39 | 30.90 | 11.98 | 30.00 | 11.24 | 28.90 | 10.51 | 26.90 | 10.02 |
|        | -16.7             | -17      | 33.00                     | 12.38 | 33.00 | 11.93 | 30.90 | 10.97 | 30.00 | 10.60 | 28.90 | 10.11 | 26.90 | 9.64  |
|        | -15               | -15.9    | 33.70                     | 12.03 | 33.00 | 11.45 | 30.90 | 10.66 | 30.00 | 10.30 | 28.90 | 9.83  | 26.90 | 9.37  |
|        | -13.7             | -15      | 34.50                     | 11.68 | 33.00 | 10.98 | 30.90 | 10.36 | 30.00 | 9.99  | 28.90 | 9.54  | 26.90 | 9.10  |
|        | -11.8             | -13      | 35.00                     | 11.10 | 33.00 | 10.41 | 30.90 | 9.96  | 30.00 | 9.61  | 28.90 | 9.19  | 26.90 | 8.76  |
|        | -9.8              | -11      | 35.00                     | 10.36 | 33.00 | 9.83  | 30.90 | 9.55  | 30.00 | 9.22  | 28.90 | 8.82  | 26.90 | 8.41  |
|        | -9.5              | -10      | 35.00                     | 10.24 | 33.00 | 9.74  | 30.90 | 9.49  | 30.00 | 9.16  | 28.90 | 8.76  | 26.90 | 8.35  |
|        | -8.5              | -9.1     | 35.00                     | 9.91  | 33.00 | 9.48  | 30.90 | 9.29  | 30.00 | 8.96  | 28.90 | 8.56  | 26.90 | 8.17  |
|        | -7                | -7.6     | 35.00                     | 9.50  | 33.00 | 9.17  | 30.90 | 8.98  | 30.00 | 8.65  | 28.90 | 8.29  | 26.90 | 7.90  |
|        | -5                | -5.6     | 35.00                     | 9.08  | 33.00 | 8.78  | 30.90 | 8.59  | 30.00 | 8.26  | 28.90 | 7.92  | 26.90 | 7.56  |
|        | -3                | -3.7     | 35.00                     | 8.66  | 33.00 | 8.38  | 30.90 | 8.19  | 30.00 | 7.88  | 28.90 | 7.56  | 26.90 | 7.21  |
|        | 0                 | -0.7     | 35.00                     | 8.04  | 33.00 | 7.79  | 30.90 | 7.59  | 30.00 | 7.30  | 28.90 | 7.02  | 26.90 | 6.70  |
|        | 3                 | 2.2      | 35.00                     | 7.42  | 33.00 | 7.18  | 30.90 | 7.00  | 30.00 | 6.71  | 28.90 | 6.47  | 26.90 | 6.18  |
|        | 5                 | 4.1      | 35.00                     | 7.00  | 33.00 | 6.79  | 30.90 | 6.60  | 30.00 | 6.33  | 28.90 | 6.11  | 26.90 | 5.84  |
|        | 7                 | 6        | 35.00                     | 6.59  | 33.00 | 6.39  | 30.90 | 6.21  | 30.00 | 5.94  | 28.90 | 5.75  | 26.90 | 5.49  |
|        | 9                 | 7.9      | 35.00                     | 6.18  | 33.00 | 6.00  | 30.90 | 5.83  | 30.00 | 5.58  | 28.90 | 5.40  | 26.90 | 5.16  |
|        | 11                | 9.8      | 35.00                     | 5.74  | 33.00 | 5.57  | 30.90 | 5.41  | 30.00 | 5.18  | 28.90 | 5.01  | 26.90 | 4.79  |
|        | 13                | 11.8     | 35.00                     | 5.36  | 33.00 | 5.20  | 30.90 | 5.05  | 30.00 | 4.83  | 28.90 | 4.68  | 26.90 | 4.46  |
|        | 15                | 13.7     | 35.00                     | 5.04  | 33.00 | 4.89  | 30.90 | 4.75  | 30.00 | 4.55  | 28.90 | 4.41  | 26.90 | 4.20  |
| 70     | -30               | -30.2    | 14.90                     | 10.35 | 14.90 | 10.50 | 14.90 | 10.81 | 14.90 | 13.12 | 14.90 | 12.45 | 14.70 | 11.81 |
|        | -24.8             | -25      | 24.90                     | 11.11 | 24.90 | 11.25 | 24.80 | 11.56 | 24.80 | 12.01 | 24.70 | 11.37 | 23.00 | 10.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 28.30                     | 11.54 | 28.00 | 11.56 | 26.30 | 11.23 | 25.40 | 10.66 | 24.70 | 10.11 | 23.00 | 9.60  |
|        | -19.8             | -20      | 29.60                     | 11.46 | 28.00 | 11.21 | 26.30 | 10.81 | 25.40 | 10.26 | 24.70 | 9.75  | 23.00 | 9.25  |
|        | -18.8             | -19      | 29.60                     | 11.28 | 28.00 | 10.99 | 26.30 | 10.60 | 25.40 | 10.06 | 24.70 | 9.56  | 23.00 | 9.07  |
|        | -16.7             | -17      | 29.60                     | 10.75 | 28.00 | 10.53 | 26.30 | 10.16 | 25.40 | 9.65  | 24.70 | 9.18  | 23.00 | 8.71  |
|        | -15               | -15.9    | 29.60                     | 10.42 | 28.00 | 10.21 | 26.30 | 9.84  | 25.40 | 9.35  | 24.70 | 8.90  | 23.00 | 8.44  |
|        | -13.7             | -15      | 29.60                     | 10.10 | 28.00 | 9.89  | 26.30 | 9.53  | 25.40 | 9.05  | 24.70 | 8.63  | 23.00 | 8.18  |
|        | -11.8             | -13      | 29.60                     | 9.69  | 28.00 | 9.47  | 26.30 | 9.14  | 25.40 | 8.68  | 24.70 | 8.28  | 23.00 | 7.85  |
|        | -9.8              | -11      | 29.60                     | 9.26  | 28.00 | 9.05  | 26.30 | 8.73  | 25.40 | 8.29  | 24.70 | 7.91  | 23.00 | 7.49  |
|        | -9.5              | -10      | 29.60                     | 9.19  | 28.00 | 8.98  | 26.30 | 8.67  | 25.40 | 8.24  | 24.70 | 7.86  | 23.00 | 7.44  |
|        | -8.5              | -9.1     | 29.60                     | 8.98  | 28.00 | 8.77  | 26.30 | 8.45  | 25.40 | 8.03  | 24.70 | 7.68  | 23.00 | 7.27  |
|        | -7                | -7.6     | 29.60                     | 8.66  | 28.00 | 8.45  | 26.30 | 8.14  | 25.40 | 7.74  | 24.70 | 7.41  | 23.00 | 7.01  |
|        | -5                | -5.6     | 29.60                     | 8.24  | 28.00 | 8.03  | 26.30 | 7.74  | 25.40 | 7.36  | 24.70 | 7.05  | 23.00 | 6.67  |
|        | -3                | -3.7     | 29.60                     | 7.83  | 28.00 | 7.61  | 26.30 | 7.34  | 25.40 | 6.98  | 24.70 | 6.70  | 23.00 | 6.33  |
|        | 0                 | -0.7     | 29.60                     | 7.21  | 28.00 | 6.98  | 26.30 | 6.74  | 25.40 | 6.42  | 24.70 | 6.17  | 23.00 | 5.82  |
|        | 3                 | 2.2      | 29.60                     | 6.58  | 28.00 | 6.35  | 26.30 | 6.13  | 25.40 | 5.85  | 24.70 | 5.64  | 23.00 | 5.31  |
|        | 5                 | 4.1      | 29.60                     | 6.16  | 28.00 | 5.93  | 26.30 | 5.73  | 25.40 | 5.47  | 24.70 | 5.28  | 23.00 | 4.98  |
|        | 7                 | 6        | 29.60                     | 5.74  | 28.00 | 5.52  | 26.30 | 5.33  | 25.40 | 5.09  | 24.70 | 4.93  | 23.00 | 4.64  |
|        | 9                 | 7.9      | 29.60                     | 5.19  | 28.00 | 4.98  | 26.30 | 4.81  | 25.40 | 4.59  | 24.70 | 4.45  | 23.00 | 4.19  |
|        | 11                | 9.8      | 29.60                     | 4.83  | 28.00 | 4.64  | 26.30 | 4.48  | 25.40 | 4.28  | 24.70 | 4.15  | 23.00 | 3.90  |
|        | 13                | 11.8     | 29.60                     | 4.52  | 28.00 | 4.34  | 26.30 | 4.19  | 25.40 | 4.00  | 24.70 | 3.88  | 23.00 | 3.65  |
|        | 15                | 13.7     | 29.60                     | 4.26  | 28.00 | 4.09  | 26.30 | 3.95  | 25.40 | 3.77  | 24.70 | 3.66  | 23.00 | 3.44  |
| 60     | -30               | -30.2    | 14.50                     | 10.07 | 14.50 | 10.37 | 14.50 | 12.71 | 14.00 | 12.02 | 13.50 | 11.36 | 12.60 | 10.77 |
|        | -24.8             | -25      | 24.20                     | 10.82 | 24.10 | 11.06 | 22.60 | 10.85 | 21.80 | 10.26 | 21.10 | 9.71  | 19.70 | 9.19  |
|        | -21.8             | -22      | 25.40                     | 11.02 | 24.10 | 10.83 | 22.60 | 10.24 | 21.80 | 9.69  | 21.10 | 9.18  | 19.70 | 8.68  |
|        | -19.8             | -20      | 25.40                     | 10.81 | 24.10 | 10.40 | 22.60 | 9.84  | 21.80 | 9.31  | 21.10 | 8.82  | 19.70 | 8.35  |
|        | -18.8             | -19      | 25.40                     | 10.60 | 24.10 | 10.18 | 22.60 | 9.63  | 21.80 | 9.12  | 21.10 | 8.65  | 19.70 | 8.17  |
|        | -16.7             | -17      | 25.40                     | 10.14 | 24.10 | 9.73  | 22.60 | 9.21  | 21.80 | 8.73  | 21.10 | 8.28  | 19.70 | 7.82  |
|        | -15               | -15.9    | 25.40                     | 9.81  | 24.10 | 9.41  | 22.60 | 8.91  | 21.80 | 8.45  | 21.10 | 8.01  | 19.70 | 7.56  |
|        | -13.7             | -15      | 25.40                     | 9.48  | 24.10 | 9.09  | 22.60 | 8.61  | 21.80 | 8.17  | 21.10 | 7.75  | 19.70 | 7.31  |
|        | -11.8             | -13      | 25.40                     | 9.08  | 24.10 | 8.69  | 22.60 | 8.22  | 21.80 | 7.81  | 21.10 | 7.42  | 19.70 | 7.00  |
|        | -9.8              | -11      | 25.40                     | 8.64  | 24.10 | 8.26  | 22.60 | 7.83  | 21.80 | 7.44  | 21.10 | 7.07  | 19.70 | 6.66  |
|        | -9.5              | -10      | 25.40                     | 8.57  | 24.10 | 8.20  | 22.60 | 7.77  | 21.80 | 7.38  | 21.10 | 7.02  | 19.70 | 6.60  |
|        | -8.5              | -9.1     | 25.40                     | 8.36  | 24.10 | 7.99  | 22.60 | 7.57  | 21.80 | 7.20  | 21.10 | 6.84  | 19.70 | 6.44  |
|        | -7                | -7.6     | 25.40                     | 8.04  | 24.10 | 7.67  | 22.60 | 7.27  | 21.80 | 6.92  | 21.10 | 6.57  | 19.70 | 6.19  |
|        | -5                | -5.6     | 25.40                     | 7.62  | 24.10 | 7.26  | 22.60 | 6.89  | 21.80 | 6.56  | 21.10 | 6.24  | 19.70 | 5.86  |
|        | -3                | -3.7     | 25.40                     | 7.20  | 24.10 | 6.85  | 22.60 | 6.50  | 21.80 | 6.19  | 21.10 | 5.90  | 19.70 | 5.54  |
|        | 0                 | -0.7     | 25.40                     | 6.57  | 24.10 | 6.22  | 22.60 | 5.92  | 21.80 | 5.65  | 21.10 | 5.39  | 19.70 | 5.05  |
|        | 3                 | 2.2      | 25.40                     | 5.95  | 24.10 | 5.61  | 22.60 | 5.33  | 21.80 | 5.11  | 21.10 | 4.88  | 19.70 | 4.56  |
|        | 5                 | 4.1      | 25.40                     | 5.53  | 24.10 | 5.20  | 22.60 | 4.95  | 21.80 | 4.75  | 21.10 | 4.54  | 19.70 | 4.24  |
|        | 7                 | 6        | 25.40                     | 5.11  | 24.10 | 4.78  | 22.60 | 4.56  | 21.80 | 4.38  | 21.10 | 4.21  | 19.70 | 3.90  |
|        | 9                 | 7.9      | 25.40                     | 4.56  | 24.10 | 4.27  | 22.60 | 4.07  | 21.80 | 3.91  | 21.10 | 3.75  | 19.70 | 3.48  |
|        | 11                | 9.8      | 25.40                     | 4.26  | 24.10 | 3.98  | 22.60 | 3.80  | 21.80 | 3.65  | 21.10 | 3.50  | 19.70 | 3.26  |
|        | 13                | 11.8     | 25.40                     | 3.98  | 24.10 | 3.73  | 22.60 | 3.56  | 21.80 | 3.42  | 21.10 | 3.28  | 19.70 | 3.05  |
|        | 15                | 13.7     | 25.40                     | 3.77  | 24.10 | 3.53  | 22.60 | 3.37  | 21.80 | 3.23  | 21.10 | 3.10  | 19.70 | 2.89  |
| 50     | -30               | -30.2    | 13.60                     | 9.17  | 12.80 | 11.44 | 12.00 | 10.80 | 11.70 | 10.17 | 11.30 | 9.60  | 10.50 | 9.09  |
|        | -24.8             | -25      | 21.20                     | 9.30  | 20.00 | 9.73  | 18.80 | 9.18  | 18.20 | 8.67  | 17.60 | 8.19  | 16.40 | 7.74  |
|        | -21.8             | -22      | 21.20                     | 9.71  | 20.00 | 9.16  | 18.80 | 8.65  | 18.20 | 8.17  | 17.60 | 7.73  | 16.40 | 7.30  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 21.20                     | 9.31 | 20.00 | 8.79 | 18.80 | 8.30 | 18.20 | 7.84 | 17.60 | 7.42 | 16.40 | 7.01 |
|        | -18.8             | -19      | 21.20                     | 9.12 | 20.00 | 8.59 | 18.80 | 8.13 | 18.20 | 7.68 | 17.60 | 7.27 | 16.40 | 6.87 |
|        | -16.7             | -17      | 21.20                     | 8.70 | 20.00 | 8.21 | 18.80 | 7.76 | 18.20 | 7.33 | 17.60 | 6.94 | 16.40 | 6.56 |
|        | -15               | -15.9    | 21.20                     | 8.41 | 20.00 | 7.92 | 18.80 | 7.50 | 18.20 | 7.08 | 17.60 | 6.72 | 16.40 | 6.34 |
|        | -13.7             | -15      | 21.20                     | 8.11 | 20.00 | 7.64 | 18.80 | 7.24 | 18.20 | 6.84 | 17.60 | 6.49 | 16.40 | 6.12 |
|        | -11.8             | -13      | 21.20                     | 7.74 | 20.00 | 7.29 | 18.80 | 6.90 | 18.20 | 6.53 | 17.60 | 6.20 | 16.40 | 5.85 |
|        | -9.8              | -11      | 21.20                     | 7.35 | 20.00 | 6.91 | 18.80 | 6.56 | 18.20 | 6.21 | 17.60 | 5.90 | 16.40 | 5.56 |
|        | -9.5              | -10      | 21.20                     | 7.29 | 20.00 | 6.86 | 18.80 | 6.51 | 18.20 | 6.16 | 17.60 | 5.86 | 16.40 | 5.52 |
|        | -8.5              | -9.1     | 21.20                     | 7.08 | 20.00 | 6.67 | 18.80 | 6.34 | 18.20 | 6.00 | 17.60 | 5.71 | 16.40 | 5.38 |
|        | -7                | -7.6     | 21.20                     | 6.79 | 20.00 | 6.40 | 18.80 | 6.08 | 18.20 | 5.75 | 17.60 | 5.48 | 16.40 | 5.16 |
|        | -5                | -5.6     | 21.20                     | 6.41 | 20.00 | 6.04 | 18.80 | 5.74 | 18.20 | 5.43 | 17.60 | 5.19 | 16.40 | 4.88 |
|        | -3                | -3.7     | 21.20                     | 6.03 | 20.00 | 5.68 | 18.80 | 5.40 | 18.20 | 5.12 | 17.60 | 4.89 | 16.40 | 4.60 |
|        | 0                 | -0.7     | 21.20                     | 5.46 | 20.00 | 5.13 | 18.80 | 4.90 | 18.20 | 4.65 | 17.60 | 4.45 | 16.40 | 4.18 |
|        | 3                 | 2.2      | 21.20                     | 4.89 | 20.00 | 4.59 | 18.80 | 4.39 | 18.20 | 4.17 | 17.60 | 4.01 | 16.40 | 3.75 |
|        | 5                 | 4.1      | 21.20                     | 4.51 | 20.00 | 4.23 | 18.80 | 4.06 | 18.20 | 3.85 | 17.60 | 3.72 | 16.40 | 3.48 |
|        | 7                 | 6        | 21.20                     | 4.13 | 20.00 | 3.86 | 18.80 | 3.73 | 18.20 | 3.54 | 17.60 | 3.42 | 16.40 | 3.20 |
|        | 9                 | 7.9      | 21.20                     | 3.73 | 20.00 | 3.49 | 18.80 | 3.36 | 18.20 | 3.20 | 17.60 | 3.10 | 16.40 | 2.88 |
|        | 11                | 9.8      | 21.20                     | 3.49 | 20.00 | 3.26 | 18.80 | 3.15 | 18.20 | 2.99 | 17.60 | 2.89 | 16.40 | 2.70 |
|        | 13                | 11.8     | 21.20                     | 3.27 | 20.00 | 3.07 | 18.80 | 2.95 | 18.20 | 2.80 | 17.60 | 2.72 | 16.40 | 2.54 |
|        | 15                | 13.7     | 21.20                     | 3.10 | 20.00 | 2.90 | 18.80 | 2.79 | 18.20 | 2.66 | 17.60 | 2.57 | 16.40 | 2.40 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM140LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 17.30                     | 12.97 | 17.30 | 13.10 | 17.20 | 13.23 | 17.20 | 13.41 | 17.20 | 13.59 | 16.80 | 13.87 |
|        | -24.8             | -25      | 28.80                     | 13.38 | 28.80 | 13.51 | 28.70 | 13.63 | 28.70 | 13.82 | 28.70 | 13.99 | 28.10 | 14.27 |
|        | -21.8             | -22      | 35.10                     | 13.61 | 35.10 | 13.74 | 34.80 | 13.87 | 34.80 | 14.05 | 34.80 | 14.22 | 34.20 | 14.50 |
|        | -19.8             | -20      | 37.00                     | 13.77 | 37.00 | 13.90 | 36.80 | 14.02 | 36.80 | 14.20 | 36.80 | 14.38 | 36.10 | 14.65 |
|        | -18.8             | -19      | 37.90                     | 13.84 | 37.90 | 13.97 | 37.70 | 14.10 | 37.70 | 14.28 | 37.70 | 14.45 | 36.90 | 14.73 |
|        | -16.7             | -17      | 39.80                     | 14.00 | 39.80 | 14.14 | 39.50 | 14.26 | 39.50 | 14.44 | 39.50 | 14.61 | 38.70 | 14.89 |
|        | -15               | -15.9    | 41.00                     | 14.12 | 41.00 | 14.25 | 40.80 | 14.37 | 40.80 | 14.55 | 40.80 | 14.72 | 40.00 | 14.59 |
|        | -13.7             | -15      | 42.30                     | 14.23 | 42.30 | 14.37 | 42.10 | 14.49 | 42.10 | 14.67 | 42.10 | 14.84 | 41.30 | 14.29 |
|        | -11.8             | -13      | 43.70                     | 14.38 | 43.70 | 14.51 | 43.50 | 14.63 | 43.50 | 14.81 | 43.50 | 14.45 | 42.80 | 13.92 |
|        | -9.8              | -11      | 45.20                     | 14.53 | 45.20 | 14.66 | 44.80 | 14.78 | 44.80 | 14.40 | 44.80 | 14.03 | 44.50 | 13.53 |
|        | -9.5              | -10      | 45.50                     | 14.55 | 45.50 | 14.68 | 45.20 | 14.72 | 45.20 | 14.33 | 45.20 | 13.97 | 44.80 | 13.47 |
|        | -8.5              | -9.1     | 46.30                     | 14.63 | 46.30 | 14.76 | 46.00 | 14.51 | 46.00 | 14.12 | 45.80 | 13.76 | 45.70 | 13.27 |
|        | -7                | -7.6     | 47.60                     | 14.74 | 47.60 | 14.46 | 47.30 | 14.18 | 47.30 | 13.80 | 47.30 | 13.45 | 46.90 | 12.98 |
|        | -5                | -5.6     | 49.40                     | 14.37 | 49.40 | 14.06 | 49.10 | 13.79 | 49.10 | 13.42 | 49.10 | 13.07 | 48.60 | 12.62 |
|        | -3                | -3.7     | 51.10                     | 14.00 | 51.10 | 13.68 | 50.70 | 13.40 | 50.70 | 13.03 | 50.70 | 12.69 | 49.80 | 12.13 |
|        | 0                 | -0.7     | 53.70                     | 13.45 | 53.70 | 13.11 | 53.40 | 12.81 | 53.40 | 12.45 | 53.40 | 12.11 | 49.80 | 11.10 |
|        | 3                 | 2.2      | 56.30                     | 12.90 | 56.30 | 12.54 | 55.90 | 12.22 | 55.40 | 11.75 | 53.50 | 11.03 | 49.80 | 10.58 |
|        | 5                 | 4.1      | 57.00                     | 12.31 | 57.00 | 11.93 | 56.80 | 11.64 | 55.40 | 11.02 | 53.50 | 10.57 | 49.80 | 10.24 |
|        | 7                 | 6        | 57.00                     | 11.58 | 57.00 | 11.21 | 56.80 | 10.92 | 55.40 | 10.51 | 53.50 | 10.20 | 49.80 | 9.89  |
|        | 9                 | 7.9      | 57.00                     | 11.24 | 57.00 | 10.87 | 56.80 | 10.56 | 55.40 | 10.26 | 53.50 | 9.95  | 49.80 | 9.65  |
| 120    | 11                | 9.8      | 57.00                     | 11.05 | 57.00 | 10.69 | 56.80 | 10.38 | 55.40 | 10.08 | 53.50 | 9.78  | 49.80 | 9.48  |
|        | 13                | 11.8     | 57.00                     | 10.85 | 57.00 | 10.49 | 56.80 | 10.19 | 55.40 | 9.89  | 53.50 | 9.60  | 49.80 | 9.31  |
|        | 15                | 13.7     | 57.00                     | 10.63 | 57.00 | 10.28 | 56.80 | 9.99  | 55.40 | 9.69  | 53.50 | 9.41  | 49.80 | 9.12  |
|        | -30               | -30.2    | 17.20                     | 13.10 | 17.20 | 13.23 | 17.10 | 13.41 | 17.10 | 13.59 | 17.10 | 13.87 | 16.70 | 14.06 |
|        | -24.8             | -25      | 28.60                     | 13.51 | 28.60 | 13.63 | 28.50 | 13.82 | 28.50 | 13.99 | 28.50 | 14.27 | 27.90 | 14.46 |
|        | -21.8             | -22      | 34.80                     | 13.74 | 34.80 | 13.87 | 34.60 | 14.05 | 34.60 | 14.22 | 34.60 | 14.50 | 34.00 | 14.69 |
|        | -19.8             | -20      | 36.70                     | 13.90 | 36.70 | 14.02 | 36.50 | 14.20 | 36.50 | 14.38 | 36.50 | 14.65 | 35.80 | 14.84 |
|        | -18.8             | -19      | 37.70                     | 13.97 | 37.70 | 14.10 | 37.30 | 14.28 | 37.30 | 14.45 | 37.30 | 14.73 | 36.60 | 14.92 |
|        | -16.7             | -17      | 39.50                     | 14.14 | 39.50 | 14.26 | 39.20 | 14.44 | 39.20 | 14.61 | 39.20 | 14.89 | 38.40 | 14.53 |
|        | -15               | -15.9    | 40.70                     | 14.25 | 40.70 | 14.37 | 40.50 | 14.55 | 40.50 | 14.72 | 40.50 | 14.60 | 39.70 | 14.25 |
|        | -13.7             | -15      | 42.00                     | 14.37 | 42.00 | 14.49 | 41.80 | 14.67 | 41.80 | 14.84 | 41.80 | 14.31 | 40.90 | 13.98 |
|        | -11.8             | -13      | 43.40                     | 14.51 | 43.40 | 14.63 | 43.20 | 14.81 | 43.20 | 14.44 | 43.20 | 13.95 | 42.50 | 13.64 |
|        | -9.8              | -11      | 44.80                     | 14.66 | 44.80 | 14.78 | 44.50 | 14.38 | 44.50 | 14.02 | 44.50 | 13.58 | 44.20 | 13.28 |
|        | -9.5              | -10      | 45.20                     | 14.68 | 45.20 | 14.72 | 44.80 | 14.31 | 44.80 | 13.96 | 44.80 | 13.53 | 44.50 | 13.22 |
|        | -8.5              | -9.1     | 46.00                     | 14.76 | 46.00 | 14.49 | 45.70 | 14.10 | 45.70 | 13.75 | 45.70 | 13.33 | 45.40 | 13.04 |
|        | -7                | -7.6     | 47.30                     | 14.43 | 47.30 | 14.14 | 46.90 | 13.77 | 46.90 | 13.44 | 46.90 | 13.06 | 46.60 | 12.77 |
|        | -5                | -5.6     | 49.00                     | 14.00 | 49.00 | 13.71 | 48.60 | 13.36 | 48.60 | 13.05 | 48.60 | 12.71 | 46.80 | 12.05 |
|        | -3                | -3.7     | 50.70                     | 13.58 | 50.70 | 13.29 | 50.40 | 12.96 | 50.40 | 12.67 | 50.30 | 12.32 | 46.80 | 11.47 |
|        | 0                 | -0.7     | 53.30                     | 12.95 | 53.30 | 12.65 | 53.00 | 12.36 | 52.00 | 11.87 | 50.30 | 11.25 | 46.80 | 11.00 |
|        | 3                 | 2.2      | 55.90                     | 12.31 | 55.90 | 12.00 | 53.70 | 11.36 | 52.00 | 10.90 | 50.30 | 10.73 | 46.80 | 10.52 |
|        | 5                 | 4.1      | 56.50                     | 11.66 | 55.90 | 11.24 | 53.70 | 10.75 | 52.00 | 10.53 | 50.30 | 10.40 | 46.80 | 10.21 |
|        | 7                 | 6        | 56.50                     | 10.90 | 55.90 | 10.58 | 53.70 | 10.37 | 52.00 | 10.17 | 50.30 | 10.07 | 46.80 | 9.89  |
|        | 9                 | 7.9      | 56.50                     | 10.57 | 55.90 | 10.28 | 53.70 | 10.08 | 52.00 | 9.89  | 50.30 | 9.80  | 46.80 | 9.62  |
|        | 11                | 9.8      | 56.50                     | 10.37 | 55.90 | 10.08 | 53.70 | 9.88  | 52.00 | 9.69  | 50.30 | 9.61  | 46.80 | 9.44  |
|        | 13                | 11.8     | 56.50                     | 10.15 | 55.90 | 9.87  | 53.70 | 9.67  | 52.00 | 9.49  | 50.30 | 9.40  | 46.80 | 9.24  |
|        | 15                | 13.7     | 56.50                     | 9.91  | 55.90 | 9.64  | 53.70 | 9.46  | 52.00 | 9.27  | 50.30 | 9.18  | 46.80 | 9.02  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 17.10                     | 13.23 | 17.10 | 13.41 | 17.00 | 13.59 | 17.00 | 13.87 | 17.00 | 14.06 | 16.60 | 14.15 |
|        | -24.8             | -25      | 28.50                     | 13.63 | 28.50 | 13.82 | 28.30 | 13.99 | 28.30 | 14.27 | 28.30 | 14.46 | 27.70 | 14.55 |
|        | -21.8             | -22      | 34.60                     | 13.87 | 34.60 | 14.05 | 34.40 | 14.22 | 34.40 | 14.50 | 34.40 | 14.69 | 33.80 | 14.78 |
|        | -19.8             | -20      | 36.60                     | 14.02 | 36.60 | 14.20 | 36.30 | 14.38 | 36.30 | 14.65 | 36.30 | 14.84 | 35.70 | 14.94 |
|        | -18.8             | -19      | 37.50                     | 14.10 | 37.50 | 14.28 | 37.10 | 14.45 | 37.10 | 14.73 | 37.10 | 14.92 | 36.50 | 14.74 |
|        | -16.7             | -17      | 39.20                     | 14.26 | 39.20 | 14.44 | 39.00 | 14.61 | 39.00 | 14.89 | 39.00 | 14.50 | 38.20 | 14.31 |
|        | -15               | -15.9    | 40.50                     | 14.37 | 40.50 | 14.55 | 40.30 | 14.72 | 40.30 | 14.57 | 40.30 | 14.20 | 39.90 | 14.00 |
|        | -13.7             | -15      | 41.80                     | 14.49 | 41.80 | 14.67 | 41.60 | 14.84 | 41.60 | 14.26 | 41.60 | 13.91 | 41.60 | 13.70 |
|        | -11.8             | -13      | 43.20                     | 14.63 | 43.20 | 14.81 | 42.90 | 14.41 | 42.90 | 13.87 | 42.90 | 13.54 | 42.10 | 13.06 |
|        | -9.8              | -11      | 44.60                     | 14.78 | 44.60 | 14.33 | 44.30 | 13.94 | 44.30 | 13.45 | 44.30 | 13.15 | 42.10 | 12.27 |
|        | -9.5              | -10      | 44.80                     | 14.71 | 44.80 | 14.25 | 44.60 | 13.88 | 44.60 | 13.40 | 44.60 | 13.08 | 42.10 | 12.18 |
|        | -8.5              | -9.1     | 45.70                     | 14.44 | 45.70 | 14.01 | 45.50 | 13.65 | 45.50 | 13.19 | 45.10 | 12.78 | 42.10 | 12.00 |
|        | -7                | -7.6     | 47.10                     | 14.04 | 47.10 | 13.64 | 46.70 | 13.31 | 46.60 | 12.84 | 45.10 | 12.16 | 42.10 | 11.71 |
|        | -5                | -5.6     | 48.70                     | 13.55 | 48.70 | 13.18 | 48.20 | 12.82 | 46.60 | 12.03 | 45.10 | 11.60 | 42.10 | 11.36 |
|        | -3                | -3.7     | 50.40                     | 13.06 | 50.40 | 12.73 | 48.20 | 11.98 | 46.60 | 11.48 | 45.10 | 11.25 | 42.10 | 11.01 |
|        | 0                 | -0.7     | 53.10                     | 12.33 | 51.40 | 11.66 | 48.20 | 11.20 | 46.60 | 10.93 | 45.10 | 10.74 | 42.10 | 10.48 |
|        | 3                 | 2.2      | 54.40                     | 11.33 | 51.40 | 10.76 | 48.20 | 10.59 | 46.60 | 10.39 | 45.10 | 10.23 | 42.10 | 9.95  |
|        | 5                 | 4.1      | 54.40                     | 10.53 | 51.40 | 10.33 | 48.20 | 10.19 | 46.60 | 10.03 | 45.10 | 9.88  | 42.10 | 9.60  |
|        | 7                 | 6        | 54.40                     | 10.05 | 51.40 | 9.89  | 48.20 | 9.78  | 46.60 | 9.66  | 45.10 | 9.54  | 42.10 | 9.25  |
|        | 9                 | 7.9      | 54.40                     | 9.72  | 51.40 | 9.58  | 48.20 | 9.47  | 46.60 | 9.36  | 45.10 | 9.24  | 42.10 | 8.95  |
|        | 11                | 9.8      | 54.40                     | 9.49  | 51.40 | 9.35  | 48.20 | 9.25  | 46.60 | 9.13  | 45.10 | 9.02  | 42.10 | 8.73  |
|        | 13                | 11.8     | 54.40                     | 9.24  | 51.40 | 9.10  | 48.20 | 9.00  | 46.60 | 8.88  | 45.10 | 8.77  | 42.10 | 8.50  |
|        | 15                | 13.7     | 54.40                     | 8.97  | 51.40 | 8.84  | 48.20 | 8.73  | 46.60 | 8.63  | 45.10 | 8.52  | 42.10 | 8.26  |
| 100    | -30               | -30.2    | 17.00                     | 15.10 | 17.00 | 15.10 | 16.90 | 13.51 | 16.90 | 15.10 | 16.90 | 14.76 | 16.60 | 15.10 |
|        | -24.8             | -25      | 28.40                     | 15.01 | 28.40 | 15.01 | 28.20 | 14.20 | 28.20 | 15.01 | 28.20 | 15.01 | 27.60 | 15.01 |
|        | -21.8             | -22      | 34.50                     | 14.97 | 34.50 | 14.97 | 34.30 | 14.59 | 34.30 | 14.97 | 34.30 | 15.16 | 33.70 | 14.97 |
|        | -19.8             | -20      | 36.40                     | 14.94 | 36.40 | 14.94 | 36.20 | 14.84 | 36.20 | 14.94 | 36.20 | 15.00 | 35.40 | 14.94 |
|        | -18.8             | -19      | 37.20                     | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 36.30 | 14.69 |
|        | -16.7             | -17      | 38.80                     | 14.89 | 38.80 | 14.89 | 38.80 | 15.08 | 38.60 | 14.89 | 38.60 | 14.41 | 37.90 | 14.17 |
|        | -15               | -15.9    | 40.20                     | 14.86 | 40.20 | 14.86 | 40.10 | 14.96 | 40.00 | 14.52 | 40.00 | 14.05 | 38.50 | 13.53 |
|        | -13.7             | -15      | 41.60                     | 14.84 | 41.60 | 14.84 | 41.40 | 14.84 | 41.40 | 14.15 | 41.30 | 13.67 | 38.50 | 12.73 |
|        | -11.8             | -13      | 42.90                     | 14.81 | 42.70 | 14.81 | 42.70 | 14.36 | 42.70 | 13.68 | 41.30 | 12.78 | 38.50 | 12.30 |
|        | -9.8              | -11      | 44.40                     | 14.78 | 44.40 | 14.27 | 44.10 | 13.84 | 42.70 | 12.79 | 41.30 | 12.09 | 38.50 | 11.83 |
|        | -9.5              | -10      | 44.60                     | 14.69 | 44.60 | 14.19 | 44.10 | 13.67 | 42.70 | 12.63 | 41.30 | 12.02 | 38.50 | 11.76 |
|        | -8.5              | -9.1     | 45.50                     | 14.42 | 45.50 | 13.91 | 44.10 | 13.17 | 42.70 | 12.22 | 41.30 | 11.80 | 38.50 | 11.53 |
|        | -7                | -7.6     | 47.60                     | 13.99 | 46.90 | 13.38 | 44.10 | 12.45 | 42.70 | 11.87 | 41.30 | 11.45 | 38.50 | 11.19 |
|        | -5                | -5.6     | 49.60                     | 13.46 | 46.90 | 12.40 | 44.10 | 11.99 | 42.70 | 11.45 | 41.30 | 11.03 | 38.50 | 10.75 |
|        | -3                | -3.7     | 49.70                     | 12.58 | 46.90 | 11.84 | 44.10 | 11.53 | 42.70 | 11.02 | 41.30 | 10.61 | 38.50 | 10.32 |
|        | 0                 | -0.7     | 49.70                     | 11.49 | 46.90 | 11.11 | 44.10 | 10.85 | 42.70 | 10.37 | 41.30 | 9.96  | 38.50 | 9.66  |
|        | 3                 | 2.2      | 49.70                     | 10.73 | 46.90 | 10.39 | 44.10 | 10.17 | 42.70 | 9.72  | 41.30 | 9.32  | 38.50 | 9.02  |
|        | 5                 | 4.1      | 49.70                     | 10.23 | 46.90 | 9.90  | 44.10 | 9.71  | 42.70 | 9.28  | 41.30 | 8.89  | 38.50 | 8.58  |
|        | 7                 | 6        | 49.70                     | 9.72  | 46.90 | 9.42  | 44.10 | 9.26  | 42.70 | 8.86  | 41.30 | 8.47  | 38.50 | 8.15  |
|        | 9                 | 7.9      | 49.70                     | 9.35  | 46.90 | 9.06  | 44.10 | 8.90  | 42.70 | 8.51  | 41.30 | 8.14  | 38.50 | 7.84  |
|        | 11                | 9.8      | 49.70                     | 9.06  | 46.90 | 8.77  | 44.10 | 8.62  | 42.70 | 8.25  | 41.30 | 7.88  | 38.50 | 7.59  |
|        | 13                | 11.8     | 49.70                     | 8.74  | 46.90 | 8.46  | 44.10 | 8.31  | 42.70 | 7.96  | 41.30 | 7.61  | 38.50 | 7.32  |
|        | 15                | 13.7     | 49.70                     | 8.41  | 46.90 | 8.14  | 44.10 | 8.00  | 42.70 | 7.66  | 41.30 | 7.32  | 38.50 | 7.04  |
| 90     | -30               | -30.2    | 17.00                     | 13.02 | 17.00 | 13.29 | 16.80 | 13.49 | 16.80 | 13.58 | 16.80 | 13.77 | 16.50 | 15.60 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 28.30                     | 13.42 | 28.30 | 13.70 | 28.10 | 13.90 | 28.10 | 13.99 | 28.10 | 14.17 | 27.50 | 14.45 |
|        | -21.8             | -22      | 34.40                     | 13.66 | 34.40 | 13.93 | 34.20 | 14.13 | 34.20 | 14.22 | 34.20 | 14.40 | 33.40 | 13.79 |
|        | -19.8             | -20      | 36.30                     | 13.81 | 36.30 | 14.09 | 36.10 | 14.28 | 36.10 | 14.37 | 36.10 | 13.95 | 35.10 | 13.27 |
|        | -18.8             | -19      | 37.20                     | 13.89 | 37.00 | 14.16 | 36.90 | 14.36 | 36.90 | 14.14 | 36.90 | 13.74 | 35.10 | 12.75 |
|        | -16.7             | -17      | 38.80                     | 14.05 | 38.80 | 14.33 | 38.60 | 13.89 | 38.60 | 13.67 | 37.80 | 13.00 | 35.10 | 12.03 |
|        | -15               | -15.9    | 40.20                     | 14.16 | 40.20 | 13.98 | 39.90 | 13.55 | 39.10 | 13.05 | 37.80 | 12.47 | 35.10 | 11.72 |
|        | -13.7             | -15      | 41.60                     | 14.28 | 41.60 | 13.63 | 40.40 | 12.94 | 39.10 | 12.32 | 37.80 | 11.96 | 35.10 | 11.42 |
|        | -11.8             | -13      | 42.90                     | 13.81 | 42.70 | 13.20 | 40.40 | 12.17 | 39.10 | 11.91 | 37.80 | 11.56 | 35.10 | 11.04 |
|        | -9.8              | -11      | 44.40                     | 13.31 | 42.90 | 12.30 | 40.40 | 11.72 | 39.10 | 11.49 | 37.80 | 11.16 | 35.10 | 10.63 |
|        | -9.5              | -10      | 44.60                     | 13.24 | 42.90 | 12.18 | 40.40 | 11.65 | 39.10 | 11.42 | 37.80 | 11.10 | 35.10 | 10.57 |
|        | -8.5              | -9.1     | 45.50                     | 13.00 | 42.90 | 11.82 | 40.40 | 11.45 | 39.10 | 11.21 | 37.80 | 10.88 | 35.10 | 10.38 |
|        | -7                | -7.6     | 45.60                     | 12.11 | 42.90 | 11.48 | 40.40 | 11.13 | 39.10 | 10.89 | 37.80 | 10.58 | 35.10 | 10.07 |
|        | -5                | -5.6     | 45.60                     | 11.53 | 42.90 | 11.07 | 40.40 | 10.74 | 39.10 | 10.49 | 37.80 | 10.19 | 35.10 | 9.69  |
|        | -3                | -3.7     | 45.60                     | 11.10 | 42.90 | 10.66 | 40.40 | 10.35 | 39.10 | 10.10 | 37.80 | 9.81  | 35.10 | 9.31  |
|        | 0                 | -0.7     | 45.60                     | 10.44 | 42.90 | 10.06 | 40.40 | 9.77  | 39.10 | 9.50  | 37.80 | 9.23  | 35.10 | 8.75  |
|        | 3                 | 2.2      | 45.60                     | 9.78  | 42.90 | 9.44  | 40.40 | 9.18  | 39.10 | 8.91  | 37.80 | 8.64  | 35.10 | 8.18  |
|        | 5                 | 4.1      | 45.60                     | 9.34  | 42.90 | 9.03  | 40.40 | 8.79  | 39.10 | 8.51  | 37.80 | 8.26  | 35.10 | 7.80  |
|        | 7                 | 6        | 45.60                     | 8.90  | 42.90 | 8.63  | 40.40 | 8.40  | 39.10 | 8.11  | 37.80 | 7.87  | 35.10 | 7.42  |
|        | 9                 | 7.9      | 45.60                     | 8.49  | 42.90 | 8.22  | 40.40 | 8.00  | 39.10 | 7.74  | 37.80 | 7.51  | 35.10 | 7.08  |
|        | 11                | 9.8      | 45.60                     | 8.07  | 42.90 | 7.82  | 40.40 | 7.61  | 39.10 | 7.36  | 37.80 | 7.14  | 35.10 | 6.73  |
|        | 13                | 11.8     | 45.60                     | 7.66  | 42.90 | 7.42  | 40.40 | 7.22  | 39.10 | 6.97  | 37.80 | 6.77  | 35.10 | 6.38  |
|        | 15                | 13.7     | 45.60                     | 7.24  | 42.90 | 7.02  | 40.40 | 6.83  | 39.10 | 6.60  | 37.80 | 6.40  | 35.10 | 6.04  |
| 80     | -30               | -30.2    | 16.90                     | 11.39 | 16.90 | 11.67 | 16.80 | 11.86 | 16.80 | 11.63 | 16.80 | 13.84 | 16.50 | 13.26 |
|        | -24.8             | -25      | 28.20                     | 11.81 | 28.20 | 12.08 | 28.00 | 12.28 | 28.00 | 12.37 | 28.00 | 12.83 | 27.40 | 12.30 |
|        | -21.8             | -22      | 34.00                     | 12.05 | 34.00 | 12.32 | 34.00 | 12.52 | 34.00 | 12.79 | 33.70 | 12.16 | 31.40 | 11.14 |
|        | -19.8             | -20      | 35.90                     | 12.20 | 35.90 | 12.48 | 35.90 | 12.77 | 35.00 | 12.09 | 33.70 | 11.26 | 31.40 | 10.78 |
|        | -18.8             | -19      | 36.70                     | 12.28 | 36.70 | 12.75 | 36.10 | 12.36 | 35.00 | 11.62 | 33.70 | 11.08 | 31.40 | 10.61 |
|        | -16.7             | -17      | 38.10                     | 12.72 | 38.10 | 12.34 | 36.10 | 11.51 | 35.00 | 11.15 | 33.70 | 10.70 | 31.40 | 10.24 |
|        | -15               | -15.9    | 38.90                     | 12.41 | 38.40 | 11.98 | 36.10 | 11.22 | 35.00 | 10.87 | 33.70 | 10.43 | 31.40 | 9.99  |
|        | -13.7             | -15      | 39.80                     | 12.10 | 38.40 | 11.54 | 36.10 | 10.93 | 35.00 | 10.59 | 33.70 | 10.16 | 31.40 | 9.73  |
|        | -11.8             | -13      | 40.80                     | 11.70 | 38.40 | 11.02 | 36.10 | 10.57 | 35.00 | 10.23 | 33.70 | 9.82  | 31.40 | 9.40  |
|        | -9.8              | -11      | 40.80                     | 11.00 | 38.40 | 10.46 | 36.10 | 10.19 | 35.00 | 9.85  | 33.70 | 9.47  | 31.40 | 9.06  |
|        | -9.5              | -10      | 40.80                     | 10.86 | 38.40 | 10.35 | 36.10 | 10.13 | 35.00 | 9.79  | 33.70 | 9.41  | 31.40 | 9.01  |
|        | -8.5              | -9.1     | 40.80                     | 10.56 | 38.40 | 10.14 | 36.10 | 9.94  | 35.00 | 9.61  | 33.70 | 9.24  | 31.40 | 8.84  |
|        | -7                | -7.6     | 40.80                     | 10.16 | 38.40 | 9.85  | 36.10 | 9.65  | 35.00 | 9.33  | 33.70 | 8.98  | 31.40 | 8.58  |
|        | -5                | -5.6     | 40.80                     | 9.80  | 38.40 | 9.50  | 36.10 | 9.30  | 35.00 | 8.98  | 33.70 | 8.64  | 31.40 | 8.26  |
|        | -3                | -3.7     | 40.80                     | 9.43  | 38.40 | 9.15  | 36.10 | 8.95  | 35.00 | 8.62  | 33.70 | 8.31  | 31.40 | 7.94  |
|        | 0                 | -0.7     | 40.80                     | 8.88  | 38.40 | 8.61  | 36.10 | 8.41  | 35.00 | 8.10  | 33.70 | 7.80  | 31.40 | 7.46  |
|        | 3                 | 2.2      | 40.80                     | 8.33  | 38.40 | 8.09  | 36.10 | 7.88  | 35.00 | 7.57  | 33.70 | 7.30  | 31.40 | 6.98  |
|        | 5                 | 4.1      | 40.80                     | 7.96  | 38.40 | 7.73  | 36.10 | 7.51  | 35.00 | 7.22  | 33.70 | 6.97  | 31.40 | 6.66  |
|        | 7                 | 6        | 40.80                     | 7.60  | 38.40 | 7.38  | 36.10 | 7.16  | 35.00 | 6.86  | 33.70 | 6.63  | 31.40 | 6.34  |
|        | 9                 | 7.9      | 40.80                     | 7.13  | 38.40 | 6.93  | 36.10 | 6.72  | 35.00 | 6.44  | 33.70 | 6.23  | 31.40 | 5.95  |
|        | 11                | 9.8      | 40.80                     | 6.62  | 38.40 | 6.43  | 36.10 | 6.24  | 35.00 | 5.98  | 33.70 | 5.78  | 31.40 | 5.52  |
|        | 13                | 11.8     | 40.80                     | 6.18  | 38.40 | 6.00  | 36.10 | 5.82  | 35.00 | 5.58  | 33.70 | 5.40  | 31.40 | 5.15  |
|        | 15                | 13.7     | 40.80                     | 5.82  | 38.40 | 5.65  | 36.10 | 5.49  | 35.00 | 5.26  | 33.70 | 5.08  | 31.40 | 4.86  |
| 70     | -30               | -30.2    | 16.90                     | 11.59 | 16.90 | 11.68 | 16.80 | 11.87 | 16.80 | 13.65 | 16.80 | 13.01 | 16.50 | 12.41 |
|        | -24.8             | -25      | 28.20                     | 12.00 | 28.20 | 12.10 | 28.00 | 12.28 | 28.00 | 12.56 | 28.00 | 11.97 | 26.90 | 11.20 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 32.60                     | 12.24 | 32.60 | 12.34 | 30.70 | 11.87 | 29.70 | 11.31 | 28.80 | 10.79 | 26.90 | 10.28 |
|        | -19.8             | -20      | 34.60                     | 12.03 | 32.70 | 11.84 | 30.70 | 11.45 | 29.70 | 10.92 | 28.80 | 10.42 | 26.90 | 9.93  |
|        | -18.8             | -19      | 34.60                     | 11.83 | 32.70 | 11.63 | 30.70 | 11.25 | 29.70 | 10.72 | 28.80 | 10.24 | 26.90 | 9.74  |
|        | -16.7             | -17      | 34.60                     | 11.39 | 32.70 | 11.18 | 30.70 | 10.82 | 29.70 | 10.31 | 28.80 | 9.85  | 26.90 | 9.37  |
|        | -15               | -15.9    | 34.60                     | 11.07 | 32.70 | 10.86 | 30.70 | 10.51 | 29.70 | 10.01 | 28.80 | 9.58  | 26.90 | 9.11  |
|        | -13.7             | -15      | 34.60                     | 10.76 | 32.70 | 10.55 | 30.70 | 10.20 | 29.70 | 9.72  | 28.80 | 9.31  | 26.90 | 8.84  |
|        | -11.8             | -13      | 34.60                     | 10.37 | 32.70 | 10.14 | 30.70 | 9.81  | 29.70 | 9.36  | 28.80 | 8.96  | 26.90 | 8.51  |
|        | -9.8              | -11      | 34.60                     | 9.95  | 32.70 | 9.73  | 30.70 | 9.40  | 29.70 | 8.97  | 28.80 | 8.60  | 26.90 | 8.16  |
|        | -9.5              | -10      | 34.60                     | 9.89  | 32.70 | 9.67  | 30.70 | 9.34  | 29.70 | 8.91  | 28.80 | 8.54  | 26.90 | 8.11  |
|        | -8.5              | -9.1     | 34.60                     | 9.68  | 32.70 | 9.46  | 30.70 | 9.14  | 29.70 | 8.72  | 28.80 | 8.36  | 26.90 | 7.93  |
|        | -7                | -7.6     | 34.60                     | 9.38  | 32.70 | 9.15  | 30.70 | 8.84  | 29.70 | 8.43  | 28.80 | 8.09  | 26.90 | 7.67  |
|        | -5                | -5.6     | 34.60                     | 8.98  | 32.70 | 8.74  | 30.70 | 8.46  | 29.70 | 8.06  | 28.80 | 7.75  | 26.90 | 7.35  |
|        | -3                | -3.7     | 34.60                     | 8.59  | 32.70 | 8.35  | 30.70 | 8.07  | 29.70 | 7.70  | 28.80 | 7.40  | 26.90 | 7.01  |
|        | 0                 | -0.7     | 34.60                     | 8.00  | 32.70 | 7.76  | 30.70 | 7.50  | 29.70 | 7.15  | 28.80 | 6.90  | 26.90 | 6.51  |
|        | 3                 | 2.2      | 34.60                     | 7.41  | 32.70 | 7.15  | 30.70 | 6.91  | 29.70 | 6.60  | 28.80 | 6.38  | 26.90 | 6.01  |
|        | 5                 | 4.1      | 34.60                     | 7.02  | 32.70 | 6.76  | 30.70 | 6.53  | 29.70 | 6.23  | 28.80 | 6.03  | 26.90 | 5.69  |
|        | 7                 | 6        | 34.60                     | 6.63  | 32.70 | 6.36  | 30.70 | 6.15  | 29.70 | 5.87  | 28.80 | 5.70  | 26.90 | 5.35  |
|        | 9                 | 7.9      | 34.60                     | 5.99  | 32.70 | 5.75  | 30.70 | 5.55  | 29.70 | 5.31  | 28.80 | 5.14  | 26.90 | 4.84  |
|        | 11                | 9.8      | 34.60                     | 5.57  | 32.70 | 5.35  | 30.70 | 5.17  | 29.70 | 4.93  | 28.80 | 4.79  | 26.90 | 4.50  |
|        | 13                | 11.8     | 34.60                     | 5.22  | 32.70 | 5.01  | 30.70 | 4.84  | 29.70 | 4.62  | 28.80 | 4.48  | 26.90 | 4.21  |
|        | 15                | 13.7     | 34.60                     | 4.91  | 32.70 | 4.72  | 30.70 | 4.56  | 29.70 | 4.36  | 28.80 | 4.22  | 26.90 | 3.97  |
| 60     | -30               | -30.2    | 16.80                     | 11.42 | 16.80 | 11.61 | 16.60 | 13.47 | 16.10 | 12.77 | 15.60 | 12.12 | 14.60 | 11.53 |
|        | -24.8             | -25      | 28.00                     | 11.84 | 28.00 | 12.03 | 26.30 | 11.66 | 25.50 | 11.07 | 24.60 | 10.51 | 23.00 | 9.98  |
|        | -21.8             | -22      | 29.70                     | 11.98 | 28.10 | 11.63 | 26.30 | 11.03 | 25.50 | 10.48 | 24.60 | 9.95  | 23.00 | 9.44  |
|        | -19.8             | -20      | 29.70                     | 11.60 | 28.10 | 11.18 | 26.30 | 10.62 | 25.50 | 10.09 | 24.60 | 9.59  | 23.00 | 9.09  |
|        | -18.8             | -19      | 29.70                     | 11.39 | 28.10 | 10.97 | 26.30 | 10.40 | 25.50 | 9.89  | 24.60 | 9.40  | 23.00 | 8.91  |
|        | -16.7             | -17      | 29.70                     | 10.91 | 28.10 | 10.51 | 26.30 | 9.97  | 25.50 | 9.48  | 24.60 | 9.01  | 23.00 | 8.54  |
|        | -15               | -15.9    | 29.70                     | 10.58 | 28.10 | 10.17 | 26.30 | 9.66  | 25.50 | 9.19  | 24.60 | 8.74  | 23.00 | 8.27  |
|        | -13.7             | -15      | 29.70                     | 10.25 | 28.10 | 9.85  | 26.30 | 9.35  | 25.50 | 8.90  | 24.60 | 8.46  | 23.00 | 8.01  |
|        | -11.8             | -13      | 29.70                     | 9.84  | 28.10 | 9.44  | 26.30 | 8.97  | 25.50 | 8.53  | 24.60 | 8.12  | 23.00 | 7.68  |
|        | -9.8              | -11      | 29.70                     | 9.40  | 28.10 | 9.01  | 26.30 | 8.55  | 25.50 | 8.15  | 24.60 | 7.76  | 23.00 | 7.32  |
|        | -9.5              | -10      | 29.70                     | 9.34  | 28.10 | 8.94  | 26.30 | 8.49  | 25.50 | 8.09  | 24.60 | 7.71  | 23.00 | 7.27  |
|        | -8.5              | -9.1     | 29.70                     | 9.12  | 28.10 | 8.73  | 26.30 | 8.29  | 25.50 | 7.90  | 24.60 | 7.52  | 23.00 | 7.10  |
|        | -7                | -7.6     | 29.70                     | 8.80  | 28.10 | 8.41  | 26.30 | 7.98  | 25.50 | 7.61  | 24.60 | 7.25  | 23.00 | 6.84  |
|        | -5                | -5.6     | 29.70                     | 8.38  | 28.10 | 7.99  | 26.30 | 7.60  | 25.50 | 7.24  | 24.60 | 6.92  | 23.00 | 6.51  |
|        | -3                | -3.7     | 29.70                     | 7.96  | 28.10 | 7.58  | 26.30 | 7.21  | 25.50 | 6.88  | 24.60 | 6.57  | 23.00 | 6.17  |
|        | 0                 | -0.7     | 29.70                     | 7.34  | 28.10 | 6.96  | 26.30 | 6.62  | 25.50 | 6.33  | 24.60 | 6.05  | 23.00 | 5.67  |
|        | 3                 | 2.2      | 29.70                     | 6.72  | 28.10 | 6.34  | 26.30 | 6.04  | 25.50 | 5.79  | 24.60 | 5.54  | 23.00 | 5.17  |
|        | 5                 | 4.1      | 29.70                     | 6.30  | 28.10 | 5.93  | 26.30 | 5.65  | 25.50 | 5.42  | 24.60 | 5.19  | 23.00 | 4.85  |
|        | 7                 | 6        | 29.70                     | 5.89  | 28.10 | 5.52  | 26.30 | 5.26  | 25.50 | 5.06  | 24.60 | 4.86  | 23.00 | 4.51  |
|        | 9                 | 7.9      | 29.70                     | 5.26  | 28.10 | 4.92  | 26.30 | 4.69  | 25.50 | 4.51  | 24.60 | 4.33  | 23.00 | 4.02  |
|        | 11                | 9.8      | 29.70                     | 4.91  | 28.10 | 4.60  | 26.30 | 4.38  | 25.50 | 4.21  | 24.60 | 4.04  | 23.00 | 3.76  |
|        | 13                | 11.8     | 29.70                     | 4.60  | 28.10 | 4.31  | 26.30 | 4.11  | 25.50 | 3.94  | 24.60 | 3.79  | 23.00 | 3.52  |
|        | 15                | 13.7     | 29.70                     | 4.35  | 28.10 | 4.07  | 26.30 | 3.88  | 25.50 | 3.73  | 24.60 | 3.58  | 23.00 | 3.33  |
| 50     | -30               | -30.2    | 15.70                     | 10.01 | 14.80 | 11.75 | 13.90 | 11.14 | 13.40 | 10.53 | 13.00 | 10.01 | 12.10 | 9.50  |
|        | -24.8             | -25      | 24.80                     | 9.89  | 23.40 | 10.16 | 21.90 | 9.63  | 21.20 | 9.13  | 20.50 | 8.67  | 19.10 | 8.23  |
|        | -21.8             | -22      | 24.80                     | 10.13 | 23.40 | 9.60  | 21.90 | 9.10  | 21.20 | 8.64  | 20.50 | 8.20  | 19.10 | 7.78  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 24.80                     | 9.74 | 23.40 | 9.23 | 21.90 | 8.76 | 21.20 | 8.31 | 20.50 | 7.89 | 19.10 | 7.48 |
|        | -18.8             | -19      | 24.80                     | 9.55 | 23.40 | 9.04 | 21.90 | 8.59 | 21.20 | 8.15 | 20.50 | 7.74 | 19.10 | 7.34 |
|        | -16.7             | -17      | 24.80                     | 9.14 | 23.40 | 8.65 | 21.90 | 8.22 | 21.20 | 7.80 | 20.50 | 7.42 | 19.10 | 7.03 |
|        | -15               | -15.9    | 24.80                     | 8.85 | 23.40 | 8.38 | 21.90 | 7.96 | 21.20 | 7.55 | 20.50 | 7.19 | 19.10 | 6.81 |
|        | -13.7             | -15      | 24.80                     | 8.57 | 23.40 | 8.10 | 21.90 | 7.71 | 21.20 | 7.31 | 20.50 | 6.96 | 19.10 | 6.59 |
|        | -11.8             | -13      | 24.80                     | 8.20 | 23.40 | 7.76 | 21.90 | 7.38 | 21.20 | 7.00 | 20.50 | 6.68 | 19.10 | 6.31 |
|        | -9.8              | -11      | 24.80                     | 7.82 | 23.40 | 7.40 | 21.90 | 7.04 | 21.20 | 6.68 | 20.50 | 6.37 | 19.10 | 6.03 |
|        | -9.5              | -10      | 24.80                     | 7.77 | 23.40 | 7.34 | 21.90 | 6.99 | 21.20 | 6.63 | 20.50 | 6.33 | 19.10 | 5.98 |
|        | -8.5              | -9.1     | 24.80                     | 7.58 | 23.40 | 7.15 | 21.90 | 6.82 | 21.20 | 6.47 | 20.50 | 6.18 | 19.10 | 5.83 |
|        | -7                | -7.6     | 24.80                     | 7.30 | 23.40 | 6.88 | 21.90 | 6.57 | 21.20 | 6.23 | 20.50 | 5.96 | 19.10 | 5.62 |
|        | -5                | -5.6     | 24.80                     | 6.93 | 23.40 | 6.54 | 21.90 | 6.24 | 21.20 | 5.92 | 20.50 | 5.67 | 19.10 | 5.35 |
|        | -3                | -3.7     | 24.80                     | 6.57 | 23.40 | 6.19 | 21.90 | 5.91 | 21.20 | 5.61 | 20.50 | 5.38 | 19.10 | 5.07 |
|        | 0                 | -0.7     | 24.80                     | 6.03 | 23.40 | 5.67 | 21.90 | 5.43 | 21.20 | 5.15 | 20.50 | 4.95 | 19.10 | 4.65 |
|        | 3                 | 2.2      | 24.80                     | 5.49 | 23.40 | 5.15 | 21.90 | 4.94 | 21.20 | 4.69 | 20.50 | 4.53 | 19.10 | 4.24 |
|        | 5                 | 4.1      | 24.80                     | 5.12 | 23.40 | 4.81 | 21.90 | 4.61 | 21.20 | 4.38 | 20.50 | 4.24 | 19.10 | 3.96 |
|        | 7                 | 6        | 24.80                     | 4.76 | 23.40 | 4.46 | 21.90 | 4.30 | 21.20 | 4.08 | 20.50 | 3.95 | 19.10 | 3.69 |
|        | 9                 | 7.9      | 24.80                     | 4.30 | 23.40 | 4.03 | 21.90 | 3.87 | 21.20 | 3.68 | 20.50 | 3.57 | 19.10 | 3.33 |
|        | 11                | 9.8      | 24.80                     | 4.03 | 23.40 | 3.77 | 21.90 | 3.62 | 21.20 | 3.45 | 20.50 | 3.34 | 19.10 | 3.11 |
|        | 13                | 11.8     | 24.80                     | 3.78 | 23.40 | 3.54 | 21.90 | 3.40 | 21.20 | 3.24 | 20.50 | 3.13 | 19.10 | 2.92 |
|        | 15                | 13.7     | 24.80                     | 3.58 | 23.40 | 3.35 | 21.90 | 3.22 | 21.20 | 3.07 | 20.50 | 2.97 | 19.10 | 2.77 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM160LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 19.20                     | 15.05 | 19.20 | 15.37 | 19.10 | 15.63 | 19.10 | 16.03 | 19.10 | 16.38 | 19.10 | 17.01 |
|        | -24.8             | -25      | 32.00                     | 16.01 | 32.00 | 16.32 | 31.80 | 16.58 | 31.80 | 16.98 | 31.80 | 17.35 | 31.80 | 17.95 |
|        | -21.8             | -22      | 39.20                     | 16.57 | 39.20 | 16.86 | 39.00 | 17.12 | 39.00 | 17.52 | 39.00 | 17.90 | 39.00 | 18.49 |
|        | -19.8             | -20      | 41.60                     | 16.92 | 41.60 | 17.22 | 41.40 | 17.48 | 41.40 | 17.87 | 41.40 | 18.25 | 41.40 | 18.84 |
|        | -18.8             | -19      | 42.70                     | 17.11 | 42.70 | 17.40 | 42.50 | 17.66 | 42.50 | 18.05 | 42.50 | 18.43 | 42.50 | 19.02 |
|        | -16.7             | -17      | 44.90                     | 17.48 | 44.90 | 17.78 | 44.70 | 18.04 | 44.70 | 18.42 | 44.70 | 18.80 | 44.70 | 19.39 |
|        | -15               | -15.9    | 46.60                     | 17.74 | 46.60 | 18.04 | 46.30 | 18.30 | 46.30 | 18.68 | 46.30 | 19.06 | 46.30 | 19.03 |
|        | -13.7             | -15      | 48.20                     | 18.01 | 48.20 | 18.31 | 47.80 | 18.57 | 47.80 | 18.95 | 47.80 | 19.33 | 47.80 | 18.68 |
|        | -11.8             | -13      | 49.80                     | 18.35 | 49.80 | 18.65 | 49.50 | 18.91 | 49.50 | 19.29 | 49.50 | 18.86 | 49.50 | 18.23 |
|        | -9.8              | -11      | 51.60                     | 18.71 | 51.60 | 18.99 | 51.30 | 19.25 | 51.30 | 18.80 | 51.30 | 18.37 | 51.30 | 17.76 |
|        | -9.5              | -10      | 52.20                     | 18.75 | 52.20 | 19.05 | 51.80 | 19.18 | 51.80 | 18.72 | 51.50 | 18.30 | 51.50 | 17.69 |
|        | -8.5              | -9.1     | 54.30                     | 18.94 | 54.30 | 19.22 | 54.00 | 18.94 | 54.00 | 18.48 | 52.40 | 18.04 | 52.40 | 17.45 |
|        | -7                | -7.6     | 57.50                     | 19.19 | 57.50 | 18.88 | 57.10 | 18.57 | 57.10 | 18.11 | 57.10 | 17.68 | 55.10 | 17.10 |
|        | -5                | -5.6     | 61.80                     | 18.80 | 61.80 | 18.44 | 61.30 | 18.11 | 61.30 | 17.67 | 61.10 | 17.17 | 56.90 | 16.58 |
|        | -3                | -3.7     | 65.10                     | 18.14 | 65.10 | 17.77 | 64.90 | 17.49 | 63.30 | 16.61 | 61.10 | 15.63 | 56.90 | 15.57 |
|        | 0                 | -0.7     | 65.10                     | 16.01 | 65.10 | 15.62 | 64.90 | 15.35 | 63.30 | 14.82 | 61.10 | 14.43 | 56.90 | 14.17 |
|        | 3                 | 2.2      | 65.10                     | 15.41 | 65.10 | 14.99 | 64.90 | 14.62 | 63.30 | 14.22 | 61.10 | 13.82 | 56.90 | 13.39 |
|        | 5                 | 4.1      | 65.10                     | 15.06 | 65.10 | 14.61 | 64.90 | 14.21 | 63.30 | 13.81 | 61.10 | 13.41 | 56.90 | 13.00 |
|        | 7                 | 6        | 65.10                     | 14.70 | 65.10 | 14.22 | 64.90 | 13.81 | 63.30 | 13.40 | 61.10 | 13.01 | 56.90 | 12.62 |
|        | 9                 | 7.9      | 65.10                     | 14.40 | 65.10 | 13.95 | 64.90 | 13.54 | 63.30 | 13.15 | 61.10 | 12.76 | 56.90 | 12.37 |
| 120    | 11                | 9.8      | 65.10                     | 14.25 | 65.10 | 13.78 | 64.90 | 13.38 | 63.30 | 12.99 | 61.10 | 12.61 | 56.90 | 12.23 |
|        | 13                | 11.8     | 65.10                     | 14.07 | 65.10 | 13.61 | 64.90 | 13.22 | 63.30 | 12.84 | 61.10 | 12.45 | 56.90 | 12.08 |
|        | 15                | 13.7     | 65.10                     | 13.88 | 65.10 | 13.43 | 64.90 | 13.04 | 63.30 | 12.66 | 61.10 | 12.28 | 56.90 | 11.92 |
|        | -30               | -30.2    | 19.10                     | 15.37 | 19.10 | 15.63 | 18.90 | 16.03 | 18.90 | 16.38 | 18.90 | 17.01 | 18.90 | 17.43 |
|        | -24.8             | -25      | 31.80                     | 16.32 | 31.80 | 16.58 | 31.60 | 16.98 | 31.60 | 17.35 | 31.60 | 17.95 | 31.60 | 18.36 |
|        | -21.8             | -22      | 39.00                     | 16.86 | 39.00 | 17.12 | 38.80 | 17.52 | 38.80 | 17.90 | 38.80 | 18.49 | 38.80 | 18.90 |
|        | -19.8             | -20      | 41.40                     | 17.22 | 41.40 | 17.48 | 41.00 | 17.87 | 41.00 | 18.25 | 41.00 | 18.84 | 41.00 | 19.26 |
|        | -18.8             | -19      | 42.40                     | 17.40 | 42.40 | 17.66 | 42.10 | 18.05 | 42.10 | 18.43 | 42.10 | 19.02 | 42.10 | 19.43 |
|        | -16.7             | -17      | 44.60                     | 17.78 | 44.60 | 18.04 | 44.40 | 18.42 | 44.40 | 18.80 | 44.40 | 19.39 | 44.40 | 18.97 |
|        | -15               | -15.9    | 46.20                     | 18.04 | 46.20 | 18.30 | 45.90 | 18.68 | 45.90 | 19.06 | 45.90 | 19.04 | 45.90 | 18.64 |
|        | -13.7             | -15      | 47.80                     | 18.31 | 47.80 | 18.57 | 47.50 | 18.95 | 47.50 | 19.33 | 47.50 | 18.71 | 47.50 | 18.31 |
|        | -11.8             | -13      | 49.50                     | 18.65 | 49.50 | 18.91 | 49.20 | 19.29 | 49.20 | 18.85 | 49.20 | 18.28 | 49.20 | 17.89 |
|        | -9.8              | -11      | 51.20                     | 18.99 | 51.20 | 19.25 | 50.80 | 18.78 | 50.80 | 18.36 | 50.80 | 17.83 | 50.80 | 17.46 |
|        | -9.5              | -10      | 51.80                     | 19.05 | 51.80 | 19.17 | 51.50 | 18.70 | 51.50 | 18.29 | 51.50 | 17.76 | 51.50 | 17.39 |
|        | -8.5              | -9.1     | 54.00                     | 19.22 | 54.00 | 18.91 | 53.60 | 18.45 | 53.60 | 18.03 | 53.10 | 17.54 | 53.10 | 17.17 |
|        | -7                | -7.6     | 57.10                     | 18.83 | 57.10 | 18.50 | 56.80 | 18.06 | 56.80 | 17.67 | 54.60 | 17.20 | 53.40 | 16.47 |
|        | -5                | -5.6     | 61.30                     | 18.36 | 61.30 | 18.01 | 60.90 | 17.59 | 59.40 | 16.79 | 57.50 | 15.86 | 53.40 | 15.48 |
|        | -3                | -3.7     | 64.60                     | 17.63 | 63.90 | 17.10 | 61.40 | 16.14 | 59.40 | 15.28 | 57.50 | 14.69 | 53.40 | 14.56 |
|        | 0                 | -0.7     | 64.60                     | 15.42 | 63.90 | 15.04 | 61.40 | 14.71 | 59.40 | 14.40 | 57.50 | 14.14 | 53.40 | 13.86 |
|        | 3                 | 2.2      | 64.60                     | 14.73 | 63.90 | 14.38 | 61.40 | 14.07 | 59.40 | 13.78 | 57.50 | 13.58 | 53.40 | 13.33 |
|        | 5                 | 4.1      | 64.60                     | 14.29 | 63.90 | 13.93 | 61.40 | 13.64 | 59.40 | 13.38 | 57.50 | 13.21 | 53.40 | 12.98 |
|        | 7                 | 6        | 64.60                     | 13.86 | 63.90 | 13.49 | 61.40 | 13.22 | 59.40 | 12.97 | 57.50 | 12.84 | 53.40 | 12.61 |
|        | 9                 | 7.9      | 64.60                     | 13.55 | 63.90 | 13.18 | 61.40 | 12.92 | 59.40 | 12.68 | 57.50 | 12.56 | 53.40 | 12.33 |
|        | 11                | 9.8      | 64.60                     | 13.36 | 63.90 | 12.99 | 61.40 | 12.74 | 59.40 | 12.50 | 57.50 | 12.37 | 53.40 | 12.16 |
|        | 13                | 11.8     | 64.60                     | 13.15 | 63.90 | 12.79 | 61.40 | 12.54 | 59.40 | 12.30 | 57.50 | 12.18 | 53.40 | 11.97 |
|        | 15                | 13.7     | 64.60                     | 12.92 | 63.90 | 12.57 | 61.40 | 12.33 | 59.40 | 12.09 | 57.50 | 11.97 | 53.40 | 11.77 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 18.90                     | 15.63 | 18.90 | 16.03 | 18.90 | 16.38 | 18.90 | 17.01 | 18.90 | 17.43 | 18.90 | 17.63 |
|        | -24.8             | -25      | 31.60                     | 16.58 | 31.60 | 16.98 | 31.40 | 17.35 | 31.40 | 17.95 | 31.40 | 18.36 | 31.40 | 18.57 |
|        | -21.8             | -22      | 38.80                     | 17.12 | 38.80 | 17.52 | 38.60 | 17.90 | 38.60 | 18.49 | 38.60 | 18.90 | 38.60 | 19.10 |
|        | -19.8             | -20      | 41.10                     | 17.48 | 41.10 | 17.87 | 40.80 | 18.25 | 40.80 | 18.84 | 40.80 | 19.26 | 40.80 | 19.45 |
|        | -18.8             | -19      | 42.10                     | 17.66 | 42.10 | 18.05 | 41.90 | 18.43 | 41.90 | 19.02 | 41.90 | 19.43 | 41.90 | 19.21 |
|        | -16.7             | -17      | 44.40                     | 18.04 | 44.40 | 18.42 | 44.20 | 18.80 | 44.20 | 19.39 | 44.20 | 18.93 | 44.20 | 18.68 |
|        | -15               | -15.9    | 46.00                     | 18.30 | 46.00 | 18.68 | 45.70 | 19.06 | 45.70 | 19.01 | 45.70 | 18.57 | 45.70 | 18.31 |
|        | -13.7             | -15      | 47.60                     | 18.57 | 47.60 | 18.95 | 47.30 | 19.33 | 47.30 | 18.63 | 47.30 | 18.22 | 47.30 | 17.95 |
|        | -11.8             | -13      | 49.20                     | 18.91 | 49.20 | 19.29 | 49.00 | 18.81 | 49.00 | 18.16 | 49.00 | 17.75 | 48.10 | 17.17 |
|        | -9.8              | -11      | 51.00                     | 19.25 | 51.00 | 18.71 | 50.60 | 18.26 | 50.60 | 17.66 | 50.60 | 17.28 | 48.10 | 16.14 |
|        | -9.5              | -10      | 51.50                     | 19.16 | 51.50 | 18.62 | 51.30 | 18.17 | 51.30 | 17.58 | 51.30 | 17.21 | 48.10 | 15.86 |
|        | -8.5              | -9.1     | 53.60                     | 18.85 | 53.60 | 18.33 | 53.30 | 17.89 | 53.30 | 17.34 | 51.50 | 16.51 | 48.10 | 15.14 |
|        | -7                | -7.6     | 56.80                     | 18.38 | 56.80 | 17.89 | 55.10 | 17.08 | 53.30 | 16.03 | 51.50 | 15.64 | 48.10 | 14.62 |
|        | -5                | -5.6     | 61.00                     | 17.79 | 58.70 | 16.69 | 55.10 | 15.45 | 53.30 | 14.80 | 51.50 | 14.78 | 48.10 | 14.22 |
|        | -3                | -3.7     | 62.10                     | 16.41 | 58.70 | 15.14 | 55.10 | 14.77 | 53.30 | 14.39 | 51.50 | 14.13 | 48.10 | 13.81 |
|        | 0                 | -0.7     | 62.10                     | 14.64 | 58.70 | 14.33 | 55.10 | 14.08 | 53.30 | 13.77 | 51.50 | 13.54 | 48.10 | 13.20 |
|        | 3                 | 2.2      | 62.10                     | 13.86 | 58.70 | 13.59 | 55.10 | 13.39 | 53.30 | 13.15 | 51.50 | 12.95 | 48.10 | 12.60 |
|        | 5                 | 4.1      | 62.10                     | 13.34 | 58.70 | 13.11 | 55.10 | 12.94 | 53.30 | 12.74 | 51.50 | 12.56 | 48.10 | 12.19 |
|        | 7                 | 6        | 62.10                     | 12.81 | 58.70 | 12.61 | 55.10 | 12.48 | 53.30 | 12.33 | 51.50 | 12.17 | 48.10 | 11.79 |
|        | 9                 | 7.9      | 62.10                     | 12.46 | 58.70 | 12.28 | 55.10 | 12.14 | 53.30 | 11.99 | 51.50 | 11.84 | 48.10 | 11.47 |
|        | 11                | 9.8      | 62.10                     | 12.22 | 58.70 | 12.04 | 55.10 | 11.91 | 53.30 | 11.77 | 51.50 | 11.61 | 48.10 | 11.25 |
|        | 13                | 11.8     | 62.10                     | 11.97 | 58.70 | 11.79 | 55.10 | 11.66 | 53.30 | 11.52 | 51.50 | 11.37 | 48.10 | 11.01 |
|        | 15                | 13.7     | 62.10                     | 11.69 | 58.70 | 11.52 | 55.10 | 11.38 | 53.30 | 11.25 | 51.50 | 11.11 | 48.10 | 10.76 |
| 100    | -30               | -30.2    | 18.90                     | 17.94 | 18.90 | 18.09 | 18.70 | 17.07 | 18.70 | 18.51 | 18.70 | 18.28 | 18.70 | 18.78 |
|        | -24.8             | -25      | 31.40                     | 18.28 | 31.40 | 18.44 | 31.20 | 17.97 | 31.20 | 18.86 | 31.20 | 19.04 | 31.20 | 19.13 |
|        | -21.8             | -22      | 38.60                     | 18.47 | 38.60 | 18.64 | 38.40 | 18.49 | 38.40 | 19.06 | 38.40 | 19.48 | 38.40 | 19.33 |
|        | -19.8             | -20      | 40.90                     | 18.60 | 40.90 | 18.77 | 40.70 | 18.83 | 40.70 | 19.19 | 40.70 | 19.45 | 40.70 | 19.45 |
|        | -18.8             | -19      | 42.00                     | 18.67 | 41.70 | 18.84 | 41.70 | 19.00 | 41.70 | 19.26 | 41.70 | 19.43 | 41.70 | 19.15 |
|        | -16.7             | -17      | 43.90                     | 18.81 | 43.90 | 18.98 | 43.90 | 19.38 | 43.70 | 19.39 | 43.70 | 18.81 | 43.70 | 18.50 |
|        | -15               | -15.9    | 45.70                     | 18.90 | 45.70 | 19.07 | 45.50 | 19.35 | 45.40 | 18.94 | 45.40 | 18.35 | 43.90 | 17.45 |
|        | -13.7             | -15      | 47.40                     | 19.00 | 47.40 | 19.17 | 47.10 | 19.33 | 47.10 | 18.49 | 47.10 | 17.91 | 43.90 | 16.41 |
|        | -11.8             | -13      | 49.00                     | 19.13 | 48.70 | 19.29 | 48.70 | 18.74 | 48.70 | 17.92 | 47.20 | 16.80 | 43.90 | 15.32 |
|        | -9.8              | -11      | 50.60                     | 19.25 | 50.60 | 18.63 | 50.40 | 18.11 | 48.80 | 16.77 | 47.20 | 15.69 | 43.90 | 14.71 |
|        | -9.5              | -10      | 51.30                     | 19.15 | 51.30 | 18.54 | 50.40 | 17.78 | 48.80 | 16.47 | 47.20 | 15.40 | 43.90 | 14.63 |
|        | -8.5              | -9.1     | 53.30                     | 18.81 | 53.30 | 18.20 | 50.40 | 16.82 | 48.80 | 15.19 | 47.20 | 14.68 | 43.90 | 14.36 |
|        | -7                | -7.6     | 56.90                     | 18.14 | 53.60 | 16.60 | 50.40 | 15.46 | 48.80 | 14.79 | 47.20 | 14.28 | 43.90 | 13.96 |
|        | -5                | -5.6     | 56.90                     | 16.76 | 53.60 | 15.45 | 50.40 | 14.94 | 48.80 | 14.29 | 47.20 | 13.78 | 43.90 | 13.45 |
|        | -3                | -3.7     | 56.90                     | 15.71 | 53.60 | 14.79 | 50.40 | 14.42 | 48.80 | 13.79 | 47.20 | 13.29 | 43.90 | 12.94 |
|        | 0                 | -0.7     | 56.90                     | 14.40 | 53.60 | 13.95 | 50.40 | 13.63 | 48.80 | 13.04 | 47.20 | 12.55 | 43.90 | 12.17 |
|        | 3                 | 2.2      | 56.90                     | 13.55 | 53.60 | 13.12 | 50.40 | 12.85 | 48.80 | 12.29 | 47.20 | 11.79 | 43.90 | 11.41 |
|        | 5                 | 4.1      | 56.90                     | 12.98 | 53.60 | 12.57 | 50.40 | 12.33 | 48.80 | 11.79 | 47.20 | 11.30 | 43.90 | 10.90 |
|        | 7                 | 6        | 56.90                     | 12.40 | 53.60 | 12.01 | 50.40 | 11.80 | 48.80 | 11.29 | 47.20 | 10.80 | 43.90 | 10.39 |
|        | 9                 | 7.9      | 56.90                     | 11.95 | 53.60 | 11.57 | 50.40 | 11.37 | 48.80 | 10.88 | 47.20 | 10.41 | 43.90 | 10.01 |
|        | 11                | 9.8      | 56.90                     | 11.59 | 53.60 | 11.23 | 50.40 | 11.04 | 48.80 | 10.56 | 47.20 | 10.11 | 43.90 | 9.72  |
|        | 13                | 11.8     | 56.90                     | 11.22 | 53.60 | 10.87 | 50.40 | 10.68 | 48.80 | 10.22 | 47.20 | 9.77  | 43.90 | 9.40  |
|        | 15                | 13.7     | 56.90                     | 10.83 | 53.60 | 10.49 | 50.40 | 10.31 | 48.80 | 9.86  | 47.20 | 9.43  | 43.90 | 9.07  |
| 90     | -30               | -30.2    | 18.80                     | 15.40 | 18.80 | 16.00 | 18.70 | 16.42 | 18.70 | 16.62 | 18.70 | 17.02 | 18.70 | 19.95 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 31.30                     | 16.35 | 31.30 | 16.95 | 31.10 | 17.37 | 31.10 | 17.56 | 31.10 | 17.96 | 31.10 | 18.56 |
|        | -21.8             | -22      | 38.50                     | 16.89 | 38.50 | 17.49 | 38.20 | 17.91 | 38.20 | 18.10 | 38.20 | 18.50 | 38.20 | 17.77 |
|        | -19.8             | -20      | 40.80                     | 17.26 | 40.80 | 17.85 | 40.50 | 18.26 | 40.50 | 18.46 | 40.50 | 17.97 | 40.20 | 17.13 |
|        | -18.8             | -19      | 42.00                     | 17.43 | 41.70 | 18.02 | 41.60 | 18.44 | 41.60 | 18.19 | 41.60 | 17.70 | 40.20 | 16.41 |
|        | -16.7             | -17      | 43.90                     | 17.81 | 43.90 | 18.40 | 43.70 | 17.89 | 43.70 | 17.62 | 43.20 | 16.95 | 40.20 | 15.11 |
|        | -15               | -15.9    | 45.70                     | 18.08 | 45.70 | 17.99 | 45.30 | 17.49 | 44.70 | 16.98 | 43.20 | 15.96 | 40.20 | 14.56 |
|        | -13.7             | -15      | 47.40                     | 18.35 | 47.40 | 17.59 | 46.10 | 16.79 | 44.70 | 16.01 | 43.20 | 15.05 | 40.20 | 14.03 |
|        | -11.8             | -13      | 49.00                     | 17.80 | 48.70 | 17.07 | 46.10 | 15.78 | 44.70 | 15.02 | 43.20 | 14.23 | 40.20 | 13.59 |
|        | -9.8              | -11      | 50.60                     | 17.22 | 49.00 | 16.00 | 46.10 | 14.77 | 44.70 | 14.14 | 43.20 | 13.76 | 40.20 | 13.13 |
|        | -9.5              | -10      | 51.30                     | 17.14 | 49.00 | 15.72 | 46.10 | 14.50 | 44.70 | 14.07 | 43.20 | 13.68 | 40.20 | 13.06 |
|        | -8.5              | -9.1     | 52.10                     | 16.47 | 49.00 | 14.97 | 46.10 | 14.11 | 44.70 | 13.83 | 43.20 | 13.45 | 40.20 | 12.84 |
|        | -7                | -7.6     | 52.10                     | 14.90 | 49.00 | 14.15 | 46.10 | 13.76 | 44.70 | 13.48 | 43.20 | 13.10 | 40.20 | 12.49 |
|        | -5                | -5.6     | 52.10                     | 14.24 | 49.00 | 13.71 | 46.10 | 13.32 | 44.70 | 13.03 | 43.20 | 12.67 | 40.20 | 12.05 |
|        | -3                | -3.7     | 52.10                     | 13.76 | 49.00 | 13.26 | 46.10 | 12.89 | 44.70 | 12.58 | 43.20 | 12.23 | 40.20 | 11.63 |
|        | 0                 | -0.7     | 52.10                     | 13.04 | 49.00 | 12.58 | 46.10 | 12.24 | 44.70 | 11.91 | 43.20 | 11.57 | 40.20 | 10.98 |
|        | 3                 | 2.2      | 52.10                     | 12.32 | 49.00 | 11.90 | 46.10 | 11.59 | 44.70 | 11.24 | 43.20 | 10.91 | 40.20 | 10.33 |
|        | 5                 | 4.1      | 52.10                     | 11.84 | 49.00 | 11.45 | 46.10 | 11.15 | 44.70 | 10.80 | 43.20 | 10.47 | 40.20 | 9.90  |
|        | 7                 | 6        | 52.10                     | 11.36 | 49.00 | 11.01 | 46.10 | 10.71 | 44.70 | 10.35 | 43.20 | 10.04 | 40.20 | 9.47  |
|        | 9                 | 7.9      | 52.10                     | 10.89 | 49.00 | 10.56 | 46.10 | 10.27 | 44.70 | 9.93  | 43.20 | 9.63  | 40.20 | 9.08  |
|        | 11                | 9.8      | 52.10                     | 10.43 | 49.00 | 10.11 | 46.10 | 9.84  | 44.70 | 9.51  | 43.20 | 9.22  | 40.20 | 8.70  |
|        | 13                | 11.8     | 52.10                     | 9.96  | 49.00 | 9.66  | 46.10 | 9.40  | 44.70 | 9.08  | 43.20 | 8.81  | 40.20 | 8.30  |
|        | 15                | 13.7     | 52.10                     | 9.51  | 49.00 | 9.21  | 46.10 | 8.96  | 44.70 | 8.66  | 43.20 | 8.40  | 40.20 | 7.92  |
| 80     | -30               | -30.2    | 18.70                     | 13.31 | 18.70 | 13.91 | 18.60 | 14.34 | 18.60 | 13.83 | 18.60 | 17.72 | 18.60 | 17.02 |
|        | -24.8             | -25      | 31.20                     | 14.27 | 31.20 | 14.87 | 31.00 | 15.29 | 31.00 | 15.49 | 31.00 | 16.49 | 31.00 | 15.84 |
|        | -21.8             | -22      | 38.00                     | 14.82 | 38.00 | 15.42 | 38.00 | 15.84 | 38.00 | 16.44 | 38.00 | 15.79 | 35.90 | 14.31 |
|        | -19.8             | -20      | 40.40                     | 15.19 | 40.40 | 15.79 | 40.40 | 16.40 | 40.00 | 15.81 | 38.60 | 14.65 | 35.90 | 13.20 |
|        | -18.8             | -19      | 41.40                     | 15.37 | 41.40 | 16.39 | 41.30 | 16.13 | 40.00 | 15.19 | 38.60 | 14.08 | 35.90 | 12.99 |
|        | -16.7             | -17      | 43.70                     | 16.35 | 43.70 | 15.88 | 41.30 | 14.79 | 40.00 | 13.91 | 38.60 | 13.11 | 35.90 | 12.58 |
|        | -15               | -15.9    | 45.90                     | 15.98 | 43.90 | 14.99 | 41.30 | 14.06 | 40.00 | 13.44 | 38.60 | 12.80 | 35.90 | 12.28 |
|        | -13.7             | -15      | 46.60                     | 15.14 | 43.90 | 14.11 | 41.30 | 13.39 | 40.00 | 12.98 | 38.60 | 12.49 | 35.90 | 11.98 |
|        | -11.8             | -13      | 46.60                     | 14.33 | 43.90 | 13.50 | 41.30 | 12.97 | 40.00 | 12.58 | 38.60 | 12.10 | 35.90 | 11.61 |
|        | -9.8              | -11      | 46.60                     | 13.62 | 43.90 | 12.95 | 41.30 | 12.54 | 40.00 | 12.15 | 38.60 | 11.69 | 35.90 | 11.21 |
|        | -9.5              | -10      | 46.60                     | 13.46 | 43.90 | 12.79 | 41.30 | 12.47 | 40.00 | 12.08 | 38.60 | 11.63 | 35.90 | 11.15 |
|        | -8.5              | -9.1     | 46.60                     | 13.06 | 43.90 | 12.50 | 41.30 | 12.26 | 40.00 | 11.88 | 38.60 | 11.43 | 35.90 | 10.96 |
|        | -7                | -7.6     | 46.60                     | 12.54 | 43.90 | 12.18 | 41.30 | 11.94 | 40.00 | 11.55 | 38.60 | 11.13 | 35.90 | 10.66 |
|        | -5                | -5.6     | 46.60                     | 12.14 | 43.90 | 11.78 | 41.30 | 11.54 | 40.00 | 11.15 | 38.60 | 10.75 | 35.90 | 10.29 |
|        | -3                | -3.7     | 46.60                     | 11.72 | 43.90 | 11.39 | 41.30 | 11.14 | 40.00 | 10.75 | 38.60 | 10.37 | 35.90 | 9.93  |
|        | 0                 | -0.7     | 46.60                     | 11.11 | 43.90 | 10.80 | 41.30 | 10.54 | 40.00 | 10.16 | 38.60 | 9.79  | 35.90 | 9.37  |
|        | 3                 | 2.2      | 46.60                     | 10.50 | 43.90 | 10.20 | 41.30 | 9.94  | 40.00 | 9.55  | 38.60 | 9.23  | 35.90 | 8.82  |
|        | 5                 | 4.1      | 46.60                     | 10.10 | 43.90 | 9.80  | 41.30 | 9.53  | 40.00 | 9.15  | 38.60 | 8.85  | 35.90 | 8.45  |
|        | 7                 | 6        | 46.60                     | 9.69  | 43.90 | 9.41  | 41.30 | 9.13  | 40.00 | 8.75  | 38.60 | 8.46  | 35.90 | 8.08  |
|        | 9                 | 7.9      | 46.60                     | 9.09  | 43.90 | 8.84  | 41.30 | 8.58  | 40.00 | 8.21  | 38.60 | 7.95  | 35.90 | 7.58  |
|        | 11                | 9.8      | 46.60                     | 8.44  | 43.90 | 8.20  | 41.30 | 7.96  | 40.00 | 7.62  | 38.60 | 7.37  | 35.90 | 7.04  |
|        | 13                | 11.8     | 46.60                     | 7.88  | 43.90 | 7.65  | 41.30 | 7.43  | 40.00 | 7.11  | 38.60 | 6.89  | 35.90 | 6.57  |
|        | 15                | 13.7     | 46.60                     | 7.42  | 43.90 | 7.20  | 41.30 | 6.99  | 40.00 | 6.70  | 38.60 | 6.48  | 35.90 | 6.19  |
| 70     | -30               | -30.2    | 18.70                     | 13.76 | 18.70 | 13.96 | 18.60 | 14.37 | 18.60 | 17.24 | 18.60 | 16.44 | 18.60 | 15.76 |
|        | -24.8             | -25      | 31.20                     | 14.73 | 31.20 | 14.92 | 31.00 | 15.32 | 31.00 | 15.92 | 31.00 | 15.22 | 30.70 | 14.42 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 38.00                     | 15.28 | 37.30 | 15.05 | 35.10 | 14.65 | 33.90 | 13.60 | 32.90 | 13.02 | 30.70 | 12.45 |
|        | -19.8             | -20      | 39.50                     | 15.30 | 37.30 | 14.64 | 35.10 | 13.77 | 33.90 | 13.17 | 32.90 | 12.60 | 30.70 | 12.04 |
|        | -18.8             | -19      | 39.50                     | 15.11 | 37.30 | 14.04 | 35.10 | 13.54 | 33.90 | 12.94 | 32.90 | 12.40 | 30.70 | 11.83 |
|        | -16.7             | -17      | 39.50                     | 13.81 | 37.30 | 13.47 | 35.10 | 13.06 | 33.90 | 12.48 | 32.90 | 11.95 | 30.70 | 11.41 |
|        | -15               | -15.9    | 39.50                     | 13.40 | 37.30 | 13.12 | 35.10 | 12.71 | 33.90 | 12.14 | 32.90 | 11.64 | 30.70 | 11.11 |
|        | -13.7             | -15      | 39.50                     | 13.01 | 37.30 | 12.76 | 35.10 | 12.37 | 33.90 | 11.82 | 32.90 | 11.34 | 30.70 | 10.81 |
|        | -11.8             | -13      | 39.50                     | 12.57 | 37.30 | 12.32 | 35.10 | 11.93 | 33.90 | 11.40 | 32.90 | 10.95 | 30.70 | 10.42 |
|        | -9.8              | -11      | 39.50                     | 12.11 | 37.30 | 11.85 | 35.10 | 11.47 | 33.90 | 10.96 | 32.90 | 10.53 | 30.70 | 10.02 |
|        | -9.5              | -10      | 39.50                     | 12.05 | 37.30 | 11.78 | 35.10 | 11.41 | 33.90 | 10.90 | 32.90 | 10.47 | 30.70 | 9.96  |
|        | -8.5              | -9.1     | 39.50                     | 11.81 | 37.30 | 11.54 | 35.10 | 11.18 | 33.90 | 10.69 | 32.90 | 10.27 | 30.70 | 9.76  |
|        | -7                | -7.6     | 39.50                     | 11.47 | 37.30 | 11.20 | 35.10 | 10.85 | 33.90 | 10.36 | 32.90 | 9.96  | 30.70 | 9.47  |
|        | -5                | -5.6     | 39.50                     | 11.04 | 37.30 | 10.76 | 35.10 | 10.41 | 33.90 | 9.95  | 32.90 | 9.58  | 30.70 | 9.09  |
|        | -3                | -3.7     | 39.50                     | 10.61 | 37.30 | 10.32 | 35.10 | 9.98  | 33.90 | 9.54  | 32.90 | 9.19  | 30.70 | 8.71  |
|        | 0                 | -0.7     | 39.50                     | 9.96  | 37.30 | 9.66  | 35.10 | 9.34  | 33.90 | 8.92  | 32.90 | 8.61  | 30.70 | 8.14  |
|        | 3                 | 2.2      | 39.50                     | 9.31  | 37.30 | 9.00  | 35.10 | 8.70  | 33.90 | 8.31  | 32.90 | 8.03  | 30.70 | 7.58  |
|        | 5                 | 4.1      | 39.50                     | 8.88  | 37.30 | 8.56  | 35.10 | 8.27  | 33.90 | 7.89  | 32.90 | 7.65  | 30.70 | 7.21  |
|        | 7                 | 6        | 39.50                     | 8.45  | 37.30 | 8.12  | 35.10 | 7.85  | 33.90 | 7.48  | 32.90 | 7.26  | 30.70 | 6.83  |
|        | 9                 | 7.9      | 39.50                     | 7.64  | 37.30 | 7.33  | 35.10 | 7.08  | 33.90 | 6.76  | 32.90 | 6.55  | 30.70 | 6.16  |
|        | 11                | 9.8      | 39.50                     | 7.11  | 37.30 | 6.82  | 35.10 | 6.59  | 33.90 | 6.29  | 32.90 | 6.10  | 30.70 | 5.74  |
|        | 13                | 11.8     | 39.50                     | 6.65  | 37.30 | 6.38  | 35.10 | 6.17  | 33.90 | 5.89  | 32.90 | 5.71  | 30.70 | 5.38  |
|        | 15                | 13.7     | 39.50                     | 6.27  | 37.30 | 6.02  | 35.10 | 5.82  | 33.90 | 5.56  | 32.90 | 5.38  | 30.70 | 5.06  |
| 60     | -30               | -30.2    | 18.70                     | 13.39 | 18.70 | 13.79 | 18.60 | 16.71 | 18.60 | 15.90 | 18.60 | 15.15 | 17.60 | 14.46 |
|        | -24.8             | -25      | 31.20                     | 14.35 | 31.20 | 14.76 | 30.10 | 14.91 | 29.10 | 13.73 | 28.10 | 12.63 | 26.30 | 11.91 |
|        | -21.8             | -22      | 33.90                     | 14.38 | 32.10 | 13.73 | 30.10 | 13.07 | 29.10 | 12.46 | 28.10 | 11.87 | 26.30 | 11.31 |
|        | -19.8             | -20      | 33.90                     | 13.70 | 32.10 | 13.24 | 30.10 | 12.61 | 29.10 | 12.02 | 28.10 | 11.46 | 26.30 | 10.91 |
|        | -18.8             | -19      | 33.90                     | 13.45 | 32.10 | 12.99 | 30.10 | 12.38 | 29.10 | 11.81 | 28.10 | 11.25 | 26.30 | 10.70 |
|        | -16.7             | -17      | 33.90                     | 12.95 | 32.10 | 12.49 | 30.10 | 11.90 | 29.10 | 11.35 | 28.10 | 10.82 | 26.30 | 10.28 |
|        | -15               | -15.9    | 33.90                     | 12.58 | 32.10 | 12.13 | 30.10 | 11.55 | 29.10 | 11.02 | 28.10 | 10.52 | 26.30 | 9.98  |
|        | -13.7             | -15      | 33.90                     | 12.23 | 32.10 | 11.77 | 30.10 | 11.21 | 29.10 | 10.70 | 28.10 | 10.22 | 26.30 | 9.69  |
|        | -11.8             | -13      | 33.90                     | 11.78 | 32.10 | 11.32 | 30.10 | 10.79 | 29.10 | 10.29 | 28.10 | 9.83  | 26.30 | 9.31  |
|        | -9.8              | -11      | 33.90                     | 11.30 | 32.10 | 10.85 | 30.10 | 10.33 | 29.10 | 9.87  | 28.10 | 9.43  | 26.30 | 8.92  |
|        | -9.5              | -10      | 33.90                     | 11.23 | 32.10 | 10.78 | 30.10 | 10.27 | 29.10 | 9.81  | 28.10 | 9.36  | 26.30 | 8.85  |
|        | -8.5              | -9.1     | 33.90                     | 11.00 | 32.10 | 10.54 | 30.10 | 10.04 | 29.10 | 9.60  | 28.10 | 9.16  | 26.30 | 8.66  |
|        | -7                | -7.6     | 33.90                     | 10.65 | 32.10 | 10.19 | 30.10 | 9.71  | 29.10 | 9.27  | 28.10 | 8.86  | 26.30 | 8.37  |
|        | -5                | -5.6     | 33.90                     | 10.20 | 32.10 | 9.73  | 30.10 | 9.27  | 29.10 | 8.87  | 28.10 | 8.48  | 26.30 | 8.00  |
|        | -3                | -3.7     | 33.90                     | 9.75  | 32.10 | 9.28  | 30.10 | 8.85  | 29.10 | 8.47  | 28.10 | 8.10  | 26.30 | 7.62  |
|        | 0                 | -0.7     | 33.90                     | 9.08  | 32.10 | 8.61  | 30.10 | 8.21  | 29.10 | 7.86  | 28.10 | 7.53  | 26.30 | 7.06  |
|        | 3                 | 2.2      | 33.90                     | 8.41  | 32.10 | 7.94  | 30.10 | 7.56  | 29.10 | 7.26  | 28.10 | 6.95  | 26.30 | 6.50  |
|        | 5                 | 4.1      | 33.90                     | 7.96  | 32.10 | 7.49  | 30.10 | 7.14  | 29.10 | 6.85  | 28.10 | 6.57  | 26.30 | 6.12  |
|        | 7                 | 6        | 33.90                     | 7.52  | 32.10 | 7.04  | 30.10 | 6.71  | 29.10 | 6.45  | 28.10 | 6.18  | 26.30 | 5.75  |
|        | 9                 | 7.9      | 33.90                     | 6.70  | 32.10 | 6.28  | 30.10 | 5.99  | 29.10 | 5.75  | 28.10 | 5.52  | 26.30 | 5.14  |
|        | 11                | 9.8      | 33.90                     | 6.26  | 32.10 | 5.87  | 30.10 | 5.59  | 29.10 | 5.38  | 28.10 | 5.16  | 26.30 | 4.79  |
|        | 13                | 11.8     | 33.90                     | 5.87  | 32.10 | 5.49  | 30.10 | 5.24  | 29.10 | 5.03  | 28.10 | 4.83  | 26.30 | 4.49  |
|        | 15                | 13.7     | 33.90                     | 5.54  | 32.10 | 5.19  | 30.10 | 4.95  | 29.10 | 4.75  | 28.10 | 4.56  | 26.30 | 4.24  |
| 50     | -30               | -30.2    | 18.90                     | 12.19 | 17.90 | 15.04 | 16.80 | 14.28 | 16.30 | 13.59 | 15.70 | 12.87 | 14.70 | 12.28 |
|        | -24.8             | -25      | 28.30                     | 11.81 | 26.70 | 12.35 | 25.10 | 11.73 | 24.30 | 11.15 | 23.50 | 10.59 | 21.90 | 10.08 |
|        | -21.8             | -22      | 28.30                     | 12.31 | 26.70 | 11.69 | 25.10 | 11.12 | 24.30 | 10.56 | 23.50 | 10.05 | 21.90 | 9.55  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |      |       |      |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 28.30                     | 11.85 | 26.70 | 11.26 | 25.10 | 10.70 | 24.30 | 10.18 | 23.50 | 9.69 | 21.90 | 9.20 |
|        | -18.8             | -19      | 28.30                     | 11.64 | 26.70 | 11.04 | 25.10 | 10.51 | 24.30 | 9.98  | 23.50 | 9.50 | 21.90 | 9.03 |
|        | -16.7             | -17      | 28.30                     | 11.16 | 26.70 | 10.59 | 25.10 | 10.08 | 24.30 | 9.58  | 23.50 | 9.13 | 21.90 | 8.66 |
|        | -15               | -15.9    | 28.30                     | 10.82 | 26.70 | 10.27 | 25.10 | 9.77  | 24.30 | 9.29  | 23.50 | 8.86 | 21.90 | 8.39 |
|        | -13.7             | -15      | 28.30                     | 10.49 | 26.70 | 9.95  | 25.10 | 9.47  | 24.30 | 9.00  | 23.50 | 8.59 | 21.90 | 8.14 |
|        | -11.8             | -13      | 28.30                     | 10.07 | 26.70 | 9.54  | 25.10 | 9.09  | 24.30 | 8.64  | 23.50 | 8.26 | 21.90 | 7.81 |
|        | -9.8              | -11      | 28.30                     | 9.63  | 26.70 | 9.12  | 25.10 | 8.69  | 24.30 | 8.26  | 23.50 | 7.90 | 21.90 | 7.47 |
|        | -9.5              | -10      | 28.30                     | 9.57  | 26.70 | 9.05  | 25.10 | 8.63  | 24.30 | 8.21  | 23.50 | 7.84 | 21.90 | 7.42 |
|        | -8.5              | -9.1     | 28.30                     | 9.34  | 26.70 | 8.83  | 25.10 | 8.43  | 24.30 | 8.01  | 23.50 | 7.67 | 21.90 | 7.24 |
|        | -7                | -7.6     | 28.30                     | 9.01  | 26.70 | 8.52  | 25.10 | 8.14  | 24.30 | 7.73  | 23.50 | 7.41 | 21.90 | 6.99 |
|        | -5                | -5.6     | 28.30                     | 8.59  | 26.70 | 8.12  | 25.10 | 7.75  | 24.30 | 7.37  | 23.50 | 7.06 | 21.90 | 6.67 |
|        | -3                | -3.7     | 28.30                     | 8.18  | 26.70 | 7.71  | 25.10 | 7.38  | 24.30 | 7.01  | 23.50 | 6.72 | 21.90 | 6.34 |
|        | 0                 | -0.7     | 28.30                     | 7.54  | 26.70 | 7.10  | 25.10 | 6.81  | 24.30 | 6.46  | 23.50 | 6.22 | 21.90 | 5.85 |
|        | 3                 | 2.2      | 28.30                     | 6.92  | 26.70 | 6.49  | 25.10 | 6.23  | 24.30 | 5.92  | 23.50 | 5.71 | 21.90 | 5.36 |
|        | 5                 | 4.1      | 28.30                     | 6.49  | 26.70 | 6.09  | 25.10 | 5.86  | 24.30 | 5.56  | 23.50 | 5.38 | 21.90 | 5.03 |
|        | 7                 | 6        | 28.30                     | 6.07  | 26.70 | 5.68  | 25.10 | 5.47  | 24.30 | 5.20  | 23.50 | 5.04 | 21.90 | 4.70 |
|        | 9                 | 7.9      | 28.30                     | 5.48  | 26.70 | 5.14  | 25.10 | 4.94  | 24.30 | 4.69  | 23.50 | 4.55 | 21.90 | 4.25 |
|        | 11                | 9.8      | 28.30                     | 5.13  | 26.70 | 4.81  | 25.10 | 4.63  | 24.30 | 4.40  | 23.50 | 4.26 | 21.90 | 3.97 |
|        | 13                | 11.8     | 28.30                     | 4.82  | 26.70 | 4.51  | 25.10 | 4.35  | 24.30 | 4.13  | 23.50 | 4.00 | 21.90 | 3.73 |
|        | 15                | 13.7     | 28.30                     | 4.56  | 26.70 | 4.27  | 25.10 | 4.11  | 24.30 | 3.90  | 23.50 | 3.78 | 21.90 | 3.53 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM180LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 23.60                     | 17.89 | 23.60 | 18.00 | 23.40 | 18.10 | 23.40 | 18.26 | 23.40 | 18.42 | 23.00 | 18.65 |
|        | -24.8             | -25      | 39.30                     | 18.24 | 39.30 | 18.35 | 39.00 | 18.46 | 39.00 | 18.61 | 39.00 | 18.77 | 38.30 | 19.01 |
|        | -21.8             | -22      | 46.60                     | 18.44 | 46.60 | 18.56 | 46.30 | 18.66 | 46.30 | 18.82 | 46.30 | 18.97 | 45.40 | 19.21 |
|        | -19.8             | -20      | 48.60                     | 18.58 | 48.60 | 18.69 | 48.30 | 18.79 | 48.30 | 18.96 | 48.30 | 19.10 | 47.30 | 19.34 |
|        | -18.8             | -19      | 49.50                     | 18.64 | 49.50 | 18.76 | 49.20 | 18.86 | 49.20 | 19.02 | 49.20 | 19.17 | 48.30 | 19.41 |
|        | -16.7             | -17      | 51.50                     | 18.79 | 51.50 | 18.90 | 51.10 | 19.00 | 51.10 | 19.16 | 51.10 | 19.31 | 50.20 | 19.55 |
|        | -15               | -15.9    | 53.00                     | 18.88 | 53.00 | 19.00 | 52.50 | 19.10 | 52.50 | 19.26 | 52.50 | 19.41 | 51.60 | 19.12 |
|        | -13.7             | -15      | 54.40                     | 18.98 | 54.40 | 19.10 | 54.00 | 19.20 | 54.00 | 19.36 | 54.00 | 19.51 | 53.00 | 18.70 |
|        | -11.8             | -13      | 56.10                     | 19.11 | 56.10 | 19.22 | 55.80 | 19.32 | 55.80 | 19.49 | 55.80 | 18.93 | 54.70 | 18.16 |
|        | -9.8              | -11      | 58.00                     | 19.24 | 58.00 | 19.36 | 57.60 | 19.46 | 57.60 | 18.87 | 57.60 | 18.34 | 56.60 | 17.61 |
|        | -9.5              | -10      | 58.30                     | 19.27 | 58.30 | 19.38 | 58.00 | 19.37 | 58.00 | 18.77 | 57.90 | 18.25 | 56.90 | 17.52 |
|        | -8.5              | -9.1     | 59.40                     | 19.33 | 59.40 | 19.45 | 59.10 | 19.05 | 59.10 | 18.48 | 58.80 | 17.95 | 57.80 | 17.25 |
|        | -7                | -7.6     | 61.10                     | 19.43 | 61.10 | 18.97 | 60.80 | 18.57 | 60.80 | 18.01 | 60.80 | 17.50 | 59.20 | 16.82 |
|        | -5                | -5.6     | 63.40                     | 18.83 | 63.40 | 18.37 | 63.00 | 17.97 | 63.00 | 17.42 | 63.00 | 16.92 | 61.00 | 16.29 |
|        | -3                | -3.7     | 65.70                     | 18.22 | 65.70 | 17.76 | 65.20 | 17.35 | 65.20 | 16.83 | 65.20 | 16.35 | 62.90 | 15.76 |
|        | 0                 | -0.7     | 69.00                     | 17.32 | 69.00 | 16.85 | 68.60 | 16.44 | 68.60 | 15.95 | 68.60 | 15.49 | 64.00 | 14.57 |
|        | 3                 | 2.2      | 72.50                     | 16.42 | 72.50 | 15.94 | 72.00 | 15.52 | 71.20 | 14.90 | 68.80 | 13.97 | 64.00 | 13.41 |
|        | 5                 | 4.1      | 73.30                     | 15.52 | 73.30 | 15.04 | 73.10 | 14.67 | 71.20 | 13.87 | 68.80 | 13.33 | 64.00 | 12.91 |
|        | 7                 | 6        | 73.30                     | 14.48 | 73.30 | 14.02 | 73.10 | 13.66 | 71.20 | 13.17 | 68.80 | 12.78 | 64.00 | 12.40 |
|        | 9                 | 7.9      | 73.30                     | 13.97 | 73.30 | 13.51 | 73.10 | 13.12 | 71.20 | 12.73 | 68.80 | 12.36 | 64.00 | 11.99 |
| 120    | 11                | 9.8      | 73.30                     | 13.61 | 73.30 | 13.16 | 73.10 | 12.78 | 71.20 | 12.41 | 68.80 | 12.05 | 64.00 | 11.69 |
|        | 13                | 11.8     | 73.30                     | 13.22 | 73.30 | 12.79 | 73.10 | 12.42 | 71.20 | 12.06 | 68.80 | 11.71 | 64.00 | 11.36 |
|        | 15                | 13.7     | 73.30                     | 12.81 | 73.30 | 12.40 | 73.10 | 12.05 | 71.20 | 11.70 | 68.80 | 11.35 | 64.00 | 11.01 |
|        | -30               | -30.2    | 23.40                     | 18.00 | 23.40 | 18.10 | 23.30 | 18.26 | 23.30 | 18.42 | 23.30 | 18.65 | 22.80 | 18.82 |
|        | -24.8             | -25      | 39.00                     | 18.35 | 39.00 | 18.46 | 38.80 | 18.61 | 38.80 | 18.77 | 38.80 | 19.01 | 38.00 | 19.17 |
|        | -21.8             | -22      | 46.30                     | 18.56 | 46.30 | 18.66 | 46.00 | 18.82 | 46.00 | 18.97 | 46.00 | 19.21 | 45.10 | 19.37 |
|        | -19.8             | -20      | 48.20                     | 18.69 | 48.20 | 18.79 | 47.80 | 18.96 | 47.80 | 19.10 | 47.80 | 19.34 | 47.00 | 19.50 |
|        | -18.8             | -19      | 49.10                     | 18.76 | 49.10 | 18.86 | 48.80 | 19.02 | 48.80 | 19.17 | 48.80 | 19.41 | 48.00 | 19.57 |
|        | -16.7             | -17      | 51.10                     | 18.90 | 51.10 | 19.00 | 50.80 | 19.16 | 50.80 | 19.31 | 50.80 | 19.55 | 49.80 | 19.02 |
|        | -15               | -15.9    | 52.50                     | 19.00 | 52.50 | 19.10 | 52.20 | 19.26 | 52.20 | 19.41 | 52.20 | 19.14 | 51.20 | 18.63 |
|        | -13.7             | -15      | 54.00                     | 19.10 | 54.00 | 19.20 | 53.60 | 19.36 | 53.60 | 19.51 | 53.60 | 18.73 | 52.60 | 18.25 |
|        | -11.8             | -13      | 55.80                     | 19.22 | 55.80 | 19.32 | 55.30 | 19.49 | 55.30 | 18.93 | 55.30 | 18.22 | 54.40 | 17.75 |
|        | -9.8              | -11      | 57.50                     | 19.36 | 57.50 | 19.46 | 57.20 | 18.85 | 57.20 | 18.33 | 57.20 | 17.67 | 56.20 | 17.24 |
|        | -9.5              | -10      | 57.90                     | 19.38 | 57.90 | 19.36 | 57.50 | 18.75 | 57.50 | 18.24 | 57.50 | 17.59 | 56.50 | 17.16 |
|        | -8.5              | -9.1     | 59.00                     | 19.45 | 59.00 | 19.02 | 58.70 | 18.43 | 58.70 | 17.93 | 58.50 | 17.33 | 57.40 | 16.91 |
|        | -7                | -7.6     | 60.70                     | 18.94 | 60.70 | 18.52 | 60.30 | 17.97 | 60.30 | 17.49 | 59.90 | 16.92 | 58.80 | 16.51 |
|        | -5                | -5.6     | 62.90                     | 18.28 | 62.90 | 17.86 | 62.60 | 17.35 | 62.60 | 16.90 | 62.60 | 16.40 | 60.10 | 15.89 |
|        | -3                | -3.7     | 65.20                     | 17.63 | 65.20 | 17.22 | 64.80 | 16.74 | 64.80 | 16.33 | 64.70 | 15.86 | 60.10 | 14.93 |
|        | 0                 | -0.7     | 68.60                     | 16.65 | 68.60 | 16.24 | 68.20 | 15.83 | 66.80 | 15.14 | 64.70 | 14.34 | 60.10 | 14.04 |
|        | 3                 | 2.2      | 72.00                     | 15.66 | 71.90 | 15.25 | 69.10 | 14.42 | 66.80 | 13.84 | 64.70 | 13.60 | 60.10 | 13.33 |
|        | 5                 | 4.1      | 72.70                     | 14.71 | 71.90 | 14.17 | 69.10 | 13.57 | 66.80 | 13.29 | 64.70 | 13.11 | 60.10 | 12.86 |
|        | 7                 | 6        | 72.70                     | 13.66 | 71.90 | 13.25 | 69.10 | 12.99 | 66.80 | 12.74 | 64.70 | 12.62 | 60.10 | 12.39 |
|        | 9                 | 7.9      | 72.70                     | 13.14 | 71.90 | 12.78 | 69.10 | 12.53 | 66.80 | 12.30 | 64.70 | 12.18 | 60.10 | 11.96 |
|        | 11                | 9.8      | 72.70                     | 12.77 | 71.90 | 12.43 | 69.10 | 12.19 | 66.80 | 11.96 | 64.70 | 11.84 | 60.10 | 11.63 |
|        | 13                | 11.8     | 72.70                     | 12.39 | 71.90 | 12.05 | 69.10 | 11.81 | 66.80 | 11.59 | 64.70 | 11.48 | 60.10 | 11.28 |
|        | 15                | 13.7     | 72.70                     | 11.98 | 71.90 | 11.65 | 69.10 | 11.42 | 66.80 | 11.20 | 64.70 | 11.09 | 60.10 | 10.90 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 23.30                     | 18.10 | 23.30 | 18.26 | 23.10 | 18.42 | 23.10 | 18.65 | 23.10 | 18.82 | 22.70 | 18.89 |
|        | -24.8             | -25      | 38.80                     | 18.46 | 38.80 | 18.61 | 38.60 | 18.77 | 38.60 | 19.01 | 38.60 | 19.17 | 37.80 | 19.24 |
|        | -21.8             | -22      | 46.10                     | 18.66 | 46.10 | 18.82 | 45.70 | 18.97 | 45.70 | 19.21 | 45.70 | 19.37 | 44.90 | 19.45 |
|        | -19.8             | -20      | 48.00                     | 18.79 | 48.00 | 18.96 | 47.60 | 19.10 | 47.60 | 19.34 | 47.60 | 19.50 | 46.70 | 19.59 |
|        | -18.8             | -19      | 48.90                     | 18.86 | 48.90 | 19.02 | 48.60 | 19.17 | 48.60 | 19.41 | 48.60 | 19.57 | 47.60 | 19.30 |
|        | -16.7             | -17      | 50.80                     | 19.00 | 50.80 | 19.16 | 50.50 | 19.31 | 50.50 | 19.55 | 50.50 | 18.98 | 49.50 | 18.70 |
|        | -15               | -15.9    | 52.20                     | 19.10 | 52.20 | 19.26 | 51.90 | 19.41 | 51.90 | 19.10 | 51.90 | 18.57 | 51.40 | 18.28 |
|        | -13.7             | -15      | 53.60                     | 19.20 | 53.60 | 19.36 | 53.30 | 19.51 | 53.30 | 18.66 | 53.30 | 18.15 | 53.30 | 17.86 |
|        | -11.8             | -13      | 55.40                     | 19.32 | 55.40 | 19.49 | 55.00 | 18.88 | 55.00 | 18.10 | 55.00 | 17.63 | 54.10 | 17.03 |
|        | -9.8              | -11      | 57.20                     | 19.46 | 57.20 | 18.79 | 56.90 | 18.23 | 56.90 | 17.52 | 56.90 | 17.07 | 54.10 | 16.15 |
|        | -9.5              | -10      | 57.50                     | 19.35 | 57.50 | 18.68 | 57.20 | 18.14 | 57.20 | 17.43 | 57.20 | 16.99 | 54.10 | 15.83 |
|        | -8.5              | -9.1     | 58.70                     | 18.97 | 58.70 | 18.33 | 58.40 | 17.81 | 58.40 | 17.13 | 57.90 | 16.57 | 54.10 | 15.56 |
|        | -7                | -7.6     | 60.40                     | 18.40 | 60.40 | 17.80 | 60.00 | 17.32 | 60.00 | 16.70 | 57.90 | 15.75 | 54.10 | 15.16 |
|        | -5                | -5.6     | 62.60                     | 17.67 | 62.60 | 17.13 | 62.00 | 16.65 | 60.00 | 15.57 | 57.90 | 14.97 | 54.10 | 14.65 |
|        | -3                | -3.7     | 64.80                     | 16.93 | 64.80 | 16.45 | 62.00 | 15.44 | 60.00 | 14.77 | 57.90 | 14.46 | 54.10 | 14.14 |
|        | 0                 | -0.7     | 68.20                     | 15.84 | 66.10 | 14.97 | 62.00 | 14.35 | 60.00 | 13.98 | 57.90 | 13.72 | 54.10 | 13.38 |
|        | 3                 | 2.2      | 69.90                     | 14.39 | 66.10 | 13.69 | 62.00 | 13.45 | 60.00 | 13.18 | 57.90 | 12.96 | 54.10 | 12.61 |
|        | 5                 | 4.1      | 69.90                     | 13.29 | 66.10 | 13.04 | 62.00 | 12.85 | 60.00 | 12.65 | 57.90 | 12.45 | 54.10 | 12.09 |
|        | 7                 | 6        | 69.90                     | 12.59 | 66.10 | 12.39 | 62.00 | 12.26 | 60.00 | 12.11 | 57.90 | 11.96 | 54.10 | 11.59 |
|        | 9                 | 7.9      | 69.90                     | 12.09 | 66.10 | 11.91 | 62.00 | 11.78 | 60.00 | 11.64 | 57.90 | 11.49 | 54.10 | 11.13 |
|        | 11                | 9.8      | 69.90                     | 11.71 | 66.10 | 11.53 | 62.00 | 11.39 | 60.00 | 11.26 | 57.90 | 11.11 | 54.10 | 10.77 |
|        | 13                | 11.8     | 69.90                     | 11.29 | 66.10 | 11.12 | 62.00 | 11.00 | 60.00 | 10.86 | 57.90 | 10.72 | 54.10 | 10.39 |
|        | 15                | 13.7     | 69.90                     | 10.85 | 66.10 | 10.69 | 62.00 | 10.57 | 60.00 | 10.43 | 57.90 | 10.31 | 54.10 | 9.99  |
| 100    | -30               | -30.2    | 23.10                     | 19.08 | 23.10 | 19.15 | 23.00 | 17.49 | 23.00 | 19.29 | 23.00 | 19.20 | 22.60 | 19.39 |
|        | -24.8             | -25      | 38.60                     | 19.18 | 38.60 | 19.24 | 38.40 | 18.46 | 38.40 | 19.39 | 38.40 | 19.46 | 37.60 | 19.49 |
|        | -21.8             | -22      | 45.80                     | 19.24 | 45.80 | 19.30 | 45.50 | 19.01 | 45.50 | 19.45 | 45.50 | 19.61 | 44.70 | 19.55 |
|        | -19.8             | -20      | 47.70                     | 19.28 | 47.70 | 19.34 | 47.40 | 19.35 | 47.40 | 19.48 | 47.40 | 19.59 | 46.60 | 19.59 |
|        | -18.8             | -19      | 48.70                     | 19.30 | 48.40 | 19.36 | 48.40 | 19.41 | 48.40 | 19.50 | 48.40 | 19.57 | 47.40 | 19.24 |
|        | -16.7             | -17      | 50.30                     | 19.33 | 50.30 | 19.39 | 50.30 | 19.55 | 50.10 | 19.55 | 50.10 | 18.87 | 49.10 | 18.54 |
|        | -15               | -15.9    | 51.90                     | 19.36 | 51.90 | 19.42 | 51.70 | 19.53 | 51.60 | 19.03 | 51.60 | 18.37 | 49.40 | 17.61 |
|        | -13.7             | -15      | 53.40                     | 19.39 | 53.40 | 19.45 | 53.10 | 19.51 | 53.10 | 18.52 | 53.10 | 17.87 | 49.40 | 16.63 |
|        | -11.8             | -13      | 55.10                     | 19.43 | 54.80 | 19.49 | 54.80 | 18.82 | 54.80 | 17.88 | 53.10 | 16.70 | 49.40 | 16.03 |
|        | -9.8              | -11      | 56.90                     | 19.46 | 56.90 | 18.72 | 56.70 | 18.10 | 54.90 | 16.66 | 53.10 | 15.73 | 49.40 | 15.39 |
|        | -9.5              | -10      | 57.20                     | 19.34 | 57.20 | 18.60 | 56.70 | 17.89 | 54.90 | 16.47 | 53.10 | 15.64 | 49.40 | 15.29 |
|        | -8.5              | -9.1     | 58.40                     | 18.94 | 58.40 | 18.22 | 56.70 | 17.22 | 54.90 | 15.91 | 53.10 | 15.32 | 49.40 | 14.98 |
|        | -7                | -7.6     | 61.00                     | 18.32 | 60.30 | 17.49 | 56.70 | 16.22 | 54.90 | 15.44 | 53.10 | 14.86 | 49.40 | 14.50 |
|        | -5                | -5.6     | 63.80                     | 17.55 | 60.30 | 16.14 | 56.70 | 15.56 | 54.90 | 14.81 | 53.10 | 14.25 | 49.40 | 13.89 |
|        | -3                | -3.7     | 64.00                     | 16.36 | 60.30 | 15.33 | 56.70 | 14.90 | 54.90 | 14.19 | 53.10 | 13.65 | 49.40 | 13.28 |
|        | 0                 | -0.7     | 64.00                     | 14.79 | 60.30 | 14.27 | 56.70 | 13.91 | 54.90 | 13.26 | 53.10 | 12.73 | 49.40 | 12.36 |
|        | 3                 | 2.2      | 64.00                     | 13.68 | 60.30 | 13.21 | 56.70 | 12.92 | 54.90 | 12.34 | 53.10 | 11.83 | 49.40 | 11.43 |
|        | 5                 | 4.1      | 64.00                     | 12.93 | 60.30 | 12.51 | 56.70 | 12.26 | 54.90 | 11.71 | 53.10 | 11.22 | 49.40 | 10.82 |
|        | 7                 | 6        | 64.00                     | 12.19 | 60.30 | 11.80 | 56.70 | 11.59 | 54.90 | 11.09 | 53.10 | 10.62 | 49.40 | 10.21 |
|        | 9                 | 7.9      | 64.00                     | 11.50 | 60.30 | 11.14 | 56.70 | 10.95 | 54.90 | 10.47 | 53.10 | 10.02 | 49.40 | 9.64  |
|        | 11                | 9.8      | 64.00                     | 10.91 | 60.30 | 10.57 | 56.70 | 10.38 | 54.90 | 9.94  | 53.10 | 9.50  | 49.40 | 9.14  |
|        | 13                | 11.8     | 64.00                     | 10.29 | 60.30 | 9.96  | 56.70 | 9.78  | 54.90 | 9.36  | 53.10 | 8.96  | 49.40 | 8.62  |
|        | 15                | 13.7     | 64.00                     | 9.63  | 60.30 | 9.33  | 56.70 | 9.16  | 54.90 | 8.76  | 53.10 | 8.38  | 49.40 | 8.06  |
| 90     | -30               | -30.2    | 23.10                     | 17.43 | 23.10 | 17.67 | 23.00 | 17.84 | 23.00 | 17.92 | 23.00 | 18.08 | 22.50 | 20.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 38.50                     | 17.79 | 38.50 | 18.03 | 38.30 | 18.19 | 38.30 | 18.28 | 38.30 | 18.43 | 37.50 | 18.67 |
|        | -21.8             | -22      | 45.60                     | 17.99 | 45.60 | 18.23 | 45.30 | 18.40 | 45.30 | 18.48 | 45.30 | 18.64 | 44.50 | 17.81 |
|        | -19.8             | -20      | 47.50                     | 18.13 | 47.50 | 18.36 | 47.20 | 18.53 | 47.20 | 18.61 | 47.20 | 18.04 | 45.20 | 16.80 |
|        | -18.8             | -19      | 48.70                     | 18.20 | 48.40 | 18.43 | 48.20 | 18.60 | 48.20 | 18.31 | 48.20 | 17.75 | 45.20 | 16.23 |
|        | -16.7             | -17      | 50.30                     | 18.34 | 50.30 | 18.58 | 50.10 | 17.97 | 50.10 | 17.67 | 48.70 | 16.68 | 45.20 | 15.52 |
|        | -15               | -15.9    | 51.90                     | 18.44 | 51.90 | 18.11 | 51.50 | 17.52 | 50.30 | 16.82 | 48.70 | 16.04 | 45.20 | 15.11 |
|        | -13.7             | -15      | 53.40                     | 18.54 | 53.40 | 17.64 | 51.90 | 16.75 | 50.30 | 15.94 | 48.70 | 15.43 | 45.20 | 14.71 |
|        | -11.8             | -13      | 55.10                     | 17.90 | 54.80 | 17.05 | 51.90 | 15.70 | 50.30 | 15.37 | 48.70 | 14.91 | 45.20 | 14.20 |
|        | -9.8              | -11      | 56.90                     | 17.23 | 55.10 | 15.91 | 51.90 | 15.10 | 50.30 | 14.80 | 48.70 | 14.35 | 45.20 | 13.67 |
|        | -9.5              | -10      | 57.20                     | 17.13 | 55.10 | 15.74 | 51.90 | 15.02 | 50.30 | 14.72 | 48.70 | 14.27 | 45.20 | 13.59 |
|        | -8.5              | -9.1     | 58.40                     | 16.80 | 55.10 | 15.24 | 51.90 | 14.74 | 50.30 | 14.43 | 48.70 | 14.00 | 45.20 | 13.32 |
|        | -7                | -7.6     | 58.60                     | 15.64 | 55.10 | 14.77 | 51.90 | 14.32 | 50.30 | 14.01 | 48.70 | 13.59 | 45.20 | 12.92 |
|        | -5                | -5.6     | 58.60                     | 14.84 | 55.10 | 14.21 | 51.90 | 13.78 | 50.30 | 13.46 | 48.70 | 13.05 | 45.20 | 12.40 |
|        | -3                | -3.7     | 58.60                     | 14.23 | 55.10 | 13.65 | 51.90 | 13.24 | 50.30 | 12.91 | 48.70 | 12.52 | 45.20 | 11.88 |
|        | 0                 | -0.7     | 58.60                     | 13.30 | 55.10 | 12.80 | 51.90 | 12.42 | 50.30 | 12.09 | 48.70 | 11.73 | 45.20 | 11.10 |
|        | 3                 | 2.2      | 58.60                     | 12.39 | 55.10 | 11.94 | 51.90 | 11.61 | 50.30 | 11.26 | 48.70 | 10.93 | 45.20 | 10.34 |
|        | 5                 | 4.1      | 58.60                     | 11.78 | 55.10 | 11.38 | 51.90 | 11.07 | 50.30 | 10.72 | 48.70 | 10.39 | 45.20 | 9.82  |
|        | 7                 | 6        | 58.60                     | 11.15 | 55.10 | 10.81 | 51.90 | 10.52 | 50.30 | 10.16 | 48.70 | 9.86  | 45.20 | 9.30  |
|        | 9                 | 7.9      | 58.60                     | 10.58 | 55.10 | 10.26 | 51.90 | 9.99  | 50.30 | 9.65  | 48.70 | 9.35  | 45.20 | 8.82  |
|        | 11                | 9.8      | 58.60                     | 10.01 | 55.10 | 9.70  | 51.90 | 9.44  | 50.30 | 9.12  | 48.70 | 8.85  | 45.20 | 8.34  |
|        | 13                | 11.8     | 58.60                     | 9.43  | 55.10 | 9.14  | 51.90 | 8.90  | 50.30 | 8.59  | 48.70 | 8.34  | 45.20 | 7.86  |
|        | 15                | 13.7     | 58.60                     | 8.86  | 55.10 | 8.58  | 51.90 | 8.36  | 50.30 | 8.07  | 48.70 | 7.83  | 45.20 | 7.39  |
| 80     | -30               | -30.2    | 23.00                     | 15.34 | 23.00 | 15.58 | 22.80 | 15.75 | 22.80 | 15.56 | 22.80 | 17.91 | 22.40 | 17.12 |
|        | -24.8             | -25      | 38.30                     | 15.70 | 38.30 | 15.94 | 38.00 | 16.11 | 38.00 | 16.19 | 38.00 | 16.59 | 37.30 | 15.86 |
|        | -21.8             | -22      | 45.20                     | 15.91 | 45.20 | 16.15 | 45.20 | 16.32 | 45.00 | 16.48 | 43.40 | 15.19 | 40.40 | 14.36 |
|        | -19.8             | -20      | 47.00                     | 16.05 | 47.00 | 16.29 | 46.40 | 16.32 | 45.00 | 15.33 | 43.40 | 14.54 | 40.40 | 13.90 |
|        | -18.8             | -19      | 48.00                     | 16.12 | 48.00 | 16.52 | 46.40 | 15.74 | 45.00 | 14.95 | 43.40 | 14.30 | 40.40 | 13.68 |
|        | -16.7             | -17      | 48.90                     | 16.50 | 48.90 | 15.95 | 46.40 | 14.89 | 45.00 | 14.42 | 43.40 | 13.80 | 40.40 | 13.20 |
|        | -15               | -15.9    | 50.00                     | 16.08 | 49.40 | 15.51 | 46.40 | 14.50 | 45.00 | 14.04 | 43.40 | 13.45 | 40.40 | 12.85 |
|        | -13.7             | -15      | 51.10                     | 15.67 | 49.40 | 14.92 | 46.40 | 14.12 | 45.00 | 13.66 | 43.40 | 13.09 | 40.40 | 12.51 |
|        | -11.8             | -13      | 52.40                     | 15.02 | 49.40 | 14.12 | 46.40 | 13.63 | 45.00 | 13.18 | 43.40 | 12.64 | 40.40 | 12.08 |
|        | -9.8              | -11      | 52.40                     | 14.10 | 49.40 | 13.46 | 46.40 | 13.13 | 45.00 | 12.68 | 43.40 | 12.16 | 40.40 | 11.62 |
|        | -9.5              | -10      | 52.40                     | 13.94 | 49.40 | 13.30 | 46.40 | 13.05 | 45.00 | 12.61 | 43.40 | 12.09 | 40.40 | 11.56 |
|        | -8.5              | -9.1     | 52.40                     | 13.57 | 49.40 | 13.05 | 46.40 | 12.80 | 45.00 | 12.36 | 43.40 | 11.86 | 40.40 | 11.33 |
|        | -7                | -7.6     | 52.40                     | 13.09 | 49.40 | 12.68 | 46.40 | 12.41 | 45.00 | 11.98 | 43.40 | 11.51 | 40.40 | 11.00 |
|        | -5                | -5.6     | 52.40                     | 12.58 | 49.40 | 12.18 | 46.40 | 11.93 | 45.00 | 11.50 | 43.40 | 11.05 | 40.40 | 10.56 |
|        | -3                | -3.7     | 52.40                     | 12.07 | 49.40 | 11.69 | 46.40 | 11.43 | 45.00 | 11.02 | 43.40 | 10.60 | 40.40 | 10.12 |
|        | 0                 | -0.7     | 52.40                     | 11.30 | 49.40 | 10.96 | 46.40 | 10.70 | 45.00 | 10.29 | 43.40 | 9.91  | 40.40 | 9.47  |
|        | 3                 | 2.2      | 52.40                     | 10.54 | 49.40 | 10.23 | 46.40 | 9.96  | 45.00 | 9.57  | 43.40 | 9.23  | 40.40 | 8.82  |
|        | 5                 | 4.1      | 52.40                     | 10.03 | 49.40 | 9.73  | 46.40 | 9.47  | 45.00 | 9.08  | 43.40 | 8.78  | 40.40 | 8.38  |
|        | 7                 | 6        | 52.40                     | 9.52  | 49.40 | 9.24  | 46.40 | 8.97  | 45.00 | 8.60  | 43.40 | 8.32  | 40.40 | 7.94  |
|        | 9                 | 7.9      | 52.40                     | 8.94  | 49.40 | 8.68  | 46.40 | 8.43  | 45.00 | 8.07  | 43.40 | 7.81  | 40.40 | 7.46  |
|        | 11                | 9.8      | 52.40                     | 8.30  | 49.40 | 8.05  | 46.40 | 7.82  | 45.00 | 7.49  | 43.40 | 7.25  | 40.40 | 6.92  |
|        | 13                | 11.8     | 52.40                     | 7.74  | 49.40 | 7.52  | 46.40 | 7.30  | 45.00 | 6.99  | 43.40 | 6.77  | 40.40 | 6.46  |
|        | 15                | 13.7     | 52.40                     | 7.29  | 49.40 | 7.08  | 46.40 | 6.87  | 45.00 | 6.58  | 43.40 | 6.37  | 40.40 | 6.09  |
| 70     | -30               | -30.2    | 23.00                     | 15.39 | 23.00 | 15.46 | 22.80 | 15.63 | 22.80 | 17.66 | 22.80 | 16.78 | 21.80 | 16.00 |
|        | -24.8             | -25      | 38.30                     | 15.76 | 38.30 | 15.83 | 38.00 | 15.99 | 38.00 | 16.23 | 37.00 | 15.02 | 34.50 | 13.95 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 41.90                     | 15.96 | 41.90 | 16.04 | 39.50 | 15.37 | 38.20 | 14.63 | 37.00 | 13.93 | 34.50 | 13.24 |
|        | -19.8             | -20      | 44.30                     | 16.10 | 42.00 | 15.36 | 39.50 | 14.82 | 38.20 | 14.10 | 37.00 | 13.43 | 34.50 | 12.78 |
|        | -18.8             | -19      | 44.50                     | 15.81 | 42.00 | 15.07 | 39.50 | 14.55 | 38.20 | 13.85 | 37.00 | 13.20 | 34.50 | 12.55 |
|        | -16.7             | -17      | 44.50                     | 14.76 | 42.00 | 14.48 | 39.50 | 13.98 | 38.20 | 13.30 | 37.00 | 12.69 | 34.50 | 12.06 |
|        | -15               | -15.9    | 44.50                     | 14.34 | 42.00 | 14.06 | 39.50 | 13.57 | 38.20 | 12.91 | 37.00 | 12.33 | 34.50 | 11.72 |
|        | -13.7             | -15      | 44.50                     | 13.92 | 42.00 | 13.64 | 39.50 | 13.17 | 38.20 | 12.53 | 37.00 | 11.97 | 34.50 | 11.37 |
|        | -11.8             | -13      | 44.50                     | 13.39 | 42.00 | 13.10 | 39.50 | 12.65 | 38.20 | 12.04 | 37.00 | 11.52 | 34.50 | 10.93 |
|        | -9.8              | -11      | 44.50                     | 12.84 | 42.00 | 12.55 | 39.50 | 12.12 | 38.20 | 11.54 | 37.00 | 11.04 | 34.50 | 10.47 |
|        | -9.5              | -10      | 44.50                     | 12.75 | 42.00 | 12.46 | 39.50 | 12.04 | 38.20 | 11.46 | 37.00 | 10.97 | 34.50 | 10.40 |
|        | -8.5              | -9.1     | 44.50                     | 12.48 | 42.00 | 12.19 | 39.50 | 11.77 | 38.20 | 11.21 | 37.00 | 10.73 | 34.50 | 10.17 |
|        | -7                | -7.6     | 44.50                     | 12.07 | 42.00 | 11.76 | 39.50 | 11.36 | 38.20 | 10.83 | 37.00 | 10.38 | 34.50 | 9.83  |
|        | -5                | -5.6     | 44.50                     | 11.53 | 42.00 | 11.23 | 39.50 | 10.85 | 38.20 | 10.33 | 37.00 | 9.91  | 34.50 | 9.38  |
|        | -3                | -3.7     | 44.50                     | 10.99 | 42.00 | 10.68 | 39.50 | 10.32 | 38.20 | 9.83  | 37.00 | 9.45  | 34.50 | 8.94  |
|        | 0                 | -0.7     | 44.50                     | 10.18 | 42.00 | 9.87  | 39.50 | 9.54  | 38.20 | 9.09  | 37.00 | 8.75  | 34.50 | 8.27  |
|        | 3                 | 2.2      | 44.50                     | 9.38  | 42.00 | 9.06  | 39.50 | 8.75  | 38.20 | 8.34  | 37.00 | 8.06  | 34.50 | 7.60  |
|        | 5                 | 4.1      | 44.50                     | 8.84  | 42.00 | 8.52  | 39.50 | 8.23  | 38.20 | 7.86  | 37.00 | 7.60  | 34.50 | 7.15  |
|        | 7                 | 6        | 44.50                     | 8.31  | 42.00 | 7.97  | 39.50 | 7.71  | 38.20 | 7.36  | 37.00 | 7.13  | 34.50 | 6.71  |
|        | 9                 | 7.9      | 44.50                     | 7.50  | 42.00 | 7.20  | 39.50 | 6.96  | 38.20 | 6.64  | 37.00 | 6.45  | 34.50 | 6.06  |
|        | 11                | 9.8      | 44.50                     | 6.99  | 42.00 | 6.70  | 39.50 | 6.48  | 38.20 | 6.18  | 37.00 | 6.00  | 34.50 | 5.64  |
|        | 13                | 11.8     | 44.50                     | 6.54  | 42.00 | 6.27  | 39.50 | 6.07  | 38.20 | 5.78  | 37.00 | 5.62  | 34.50 | 5.28  |
|        | 15                | 13.7     | 44.50                     | 6.17  | 42.00 | 5.91  | 39.50 | 5.72  | 38.20 | 5.46  | 37.00 | 5.30  | 34.50 | 4.97  |
| 60     | -30               | -30.2    | 21.60                     | 15.25 | 21.60 | 15.42 | 21.40 | 17.57 | 20.70 | 16.60 | 20.00 | 15.71 | 18.70 | 14.93 |
|        | -24.8             | -25      | 35.90                     | 15.62 | 35.90 | 15.79 | 33.90 | 15.21 | 32.70 | 14.40 | 31.60 | 13.64 | 29.60 | 12.94 |
|        | -21.8             | -22      | 38.20                     | 15.72 | 36.10 | 15.18 | 33.90 | 14.37 | 32.70 | 13.62 | 31.60 | 12.92 | 29.60 | 12.23 |
|        | -19.8             | -20      | 38.20                     | 15.16 | 36.10 | 14.59 | 33.90 | 13.82 | 32.70 | 13.10 | 31.60 | 12.43 | 29.60 | 11.76 |
|        | -18.8             | -19      | 38.20                     | 14.86 | 36.10 | 14.29 | 33.90 | 13.54 | 32.70 | 12.84 | 31.60 | 12.18 | 29.60 | 11.53 |
|        | -16.7             | -17      | 38.20                     | 14.23 | 36.10 | 13.68 | 33.90 | 12.96 | 32.70 | 12.30 | 31.60 | 11.67 | 29.60 | 11.04 |
|        | -15               | -15.9    | 38.20                     | 13.79 | 36.10 | 13.24 | 33.90 | 12.55 | 32.70 | 11.92 | 31.60 | 11.31 | 29.60 | 10.69 |
|        | -13.7             | -15      | 38.20                     | 13.35 | 36.10 | 12.80 | 33.90 | 12.14 | 32.70 | 11.53 | 31.60 | 10.95 | 29.60 | 10.34 |
|        | -11.8             | -13      | 38.20                     | 12.78 | 36.10 | 12.25 | 33.90 | 11.62 | 32.70 | 11.04 | 31.60 | 10.50 | 29.60 | 9.91  |
|        | -9.8              | -11      | 38.20                     | 12.20 | 36.10 | 11.67 | 33.90 | 11.07 | 32.70 | 10.53 | 31.60 | 10.01 | 29.60 | 9.44  |
|        | -9.5              | -10      | 38.20                     | 12.11 | 36.10 | 11.59 | 33.90 | 10.99 | 32.70 | 10.45 | 31.60 | 9.94  | 29.60 | 9.37  |
|        | -8.5              | -9.1     | 38.20                     | 11.82 | 36.10 | 11.30 | 33.90 | 10.72 | 32.70 | 10.20 | 31.60 | 9.70  | 29.60 | 9.14  |
|        | -7                | -7.6     | 38.20                     | 11.38 | 36.10 | 10.87 | 33.90 | 10.31 | 32.70 | 9.82  | 31.60 | 9.34  | 29.60 | 8.80  |
|        | -5                | -5.6     | 38.20                     | 10.81 | 36.10 | 10.30 | 33.90 | 9.78  | 32.70 | 9.32  | 31.60 | 8.88  | 29.60 | 8.35  |
|        | -3                | -3.7     | 38.20                     | 10.24 | 36.10 | 9.73  | 33.90 | 9.25  | 32.70 | 8.82  | 31.60 | 8.41  | 29.60 | 7.90  |
|        | 0                 | -0.7     | 38.20                     | 9.38  | 36.10 | 8.89  | 33.90 | 8.45  | 32.70 | 8.08  | 31.60 | 7.71  | 29.60 | 7.22  |
|        | 3                 | 2.2      | 38.20                     | 8.53  | 36.10 | 8.05  | 33.90 | 7.66  | 32.70 | 7.33  | 31.60 | 7.01  | 29.60 | 6.55  |
|        | 5                 | 4.1      | 38.20                     | 7.96  | 36.10 | 7.48  | 33.90 | 7.13  | 32.70 | 6.83  | 31.60 | 6.55  | 29.60 | 6.10  |
|        | 7                 | 6        | 38.20                     | 7.38  | 36.10 | 6.92  | 33.90 | 6.60  | 32.70 | 6.33  | 31.60 | 6.08  | 29.60 | 5.65  |
|        | 9                 | 7.9      | 38.20                     | 6.59  | 36.10 | 6.17  | 33.90 | 5.88  | 32.70 | 5.66  | 31.60 | 5.42  | 29.60 | 5.04  |
|        | 11                | 9.8      | 38.20                     | 6.15  | 36.10 | 5.77  | 33.90 | 5.49  | 32.70 | 5.28  | 31.60 | 5.06  | 29.60 | 4.71  |
|        | 13                | 11.8     | 38.20                     | 5.77  | 36.10 | 5.39  | 33.90 | 5.15  | 32.70 | 4.94  | 31.60 | 4.75  | 29.60 | 4.42  |
|        | 15                | 13.7     | 38.20                     | 5.44  | 36.10 | 5.10  | 33.90 | 4.87  | 32.70 | 4.67  | 31.60 | 4.48  | 29.60 | 4.17  |
| 50     | -30               | -30.2    | 20.10                     | 13.24 | 19.00 | 15.19 | 17.80 | 14.37 | 17.30 | 13.60 | 16.70 | 12.84 | 15.60 | 12.20 |
|        | -24.8             | -25      | 31.80                     | 12.92 | 30.00 | 13.14 | 28.20 | 12.44 | 27.30 | 11.78 | 26.40 | 11.15 | 24.60 | 10.57 |
|        | -21.8             | -22      | 31.80                     | 13.12 | 30.00 | 12.42 | 28.20 | 11.75 | 27.30 | 11.13 | 26.40 | 10.55 | 24.60 | 10.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |      |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI   |
| 50     | -19.8             | -20      | 31.80                     | 12.61 | 30.00 | 11.93 | 28.20 | 11.30 | 27.30 | 10.70 | 26.40 | 10.16 | 24.60 | 9.61 |
|        | -18.8             | -19      | 31.80                     | 12.35 | 30.00 | 11.68 | 28.20 | 11.08 | 27.30 | 10.49 | 26.40 | 9.96  | 24.60 | 9.43 |
|        | -16.7             | -17      | 31.80                     | 11.82 | 30.00 | 11.18 | 28.20 | 10.60 | 27.30 | 10.05 | 26.40 | 9.54  | 24.60 | 9.02 |
|        | -15               | -15.9    | 31.80                     | 11.44 | 30.00 | 10.81 | 28.20 | 10.26 | 27.30 | 9.73  | 26.40 | 9.24  | 24.60 | 8.73 |
|        | -13.7             | -15      | 31.80                     | 11.06 | 30.00 | 10.45 | 28.20 | 9.93  | 27.30 | 9.41  | 26.40 | 8.94  | 24.60 | 8.45 |
|        | -11.8             | -13      | 31.80                     | 10.59 | 30.00 | 10.00 | 28.20 | 9.49  | 27.30 | 9.00  | 26.40 | 8.57  | 24.60 | 8.10 |
|        | -9.8              | -11      | 31.80                     | 10.08 | 30.00 | 9.52  | 28.20 | 9.05  | 27.30 | 8.58  | 26.40 | 8.18  | 24.60 | 7.71 |
|        | -9.5              | -10      | 31.80                     | 10.01 | 30.00 | 9.45  | 28.20 | 8.98  | 27.30 | 8.52  | 26.40 | 8.11  | 24.60 | 7.66 |
|        | -8.5              | -9.1     | 31.80                     | 9.76  | 30.00 | 9.21  | 28.20 | 8.76  | 27.30 | 8.31  | 26.40 | 7.92  | 24.60 | 7.47 |
|        | -7                | -7.6     | 31.80                     | 9.39  | 30.00 | 8.85  | 28.20 | 8.43  | 27.30 | 7.98  | 26.40 | 7.63  | 24.60 | 7.19 |
|        | -5                | -5.6     | 31.80                     | 8.90  | 30.00 | 8.39  | 28.20 | 7.99  | 27.30 | 7.58  | 26.40 | 7.25  | 24.60 | 6.83 |
|        | -3                | -3.7     | 31.80                     | 8.41  | 30.00 | 7.92  | 28.20 | 7.55  | 27.30 | 7.17  | 26.40 | 6.87  | 24.60 | 6.45 |
|        | 0                 | -0.7     | 31.80                     | 7.68  | 30.00 | 7.22  | 28.20 | 6.91  | 27.30 | 6.55  | 26.40 | 6.29  | 24.60 | 5.91 |
|        | 3                 | 2.2      | 31.80                     | 6.94  | 30.00 | 6.52  | 28.20 | 6.25  | 27.30 | 5.93  | 26.40 | 5.72  | 24.60 | 5.36 |
|        | 5                 | 4.1      | 31.80                     | 6.45  | 30.00 | 6.05  | 28.20 | 5.82  | 27.30 | 5.52  | 26.40 | 5.34  | 24.60 | 4.99 |
|        | 7                 | 6        | 31.80                     | 5.96  | 30.00 | 5.59  | 28.20 | 5.39  | 27.30 | 5.11  | 26.40 | 4.95  | 24.60 | 4.62 |
|        | 9                 | 7.9      | 31.80                     | 5.39  | 30.00 | 5.04  | 28.20 | 4.87  | 27.30 | 4.62  | 26.40 | 4.47  | 24.60 | 4.18 |
|        | 11                | 9.8      | 31.80                     | 5.04  | 30.00 | 4.72  | 28.20 | 4.55  | 27.30 | 4.32  | 26.40 | 4.19  | 24.60 | 3.90 |
|        | 13                | 11.8     | 31.80                     | 4.74  | 30.00 | 4.43  | 28.20 | 4.27  | 27.30 | 4.06  | 26.40 | 3.93  | 24.60 | 3.67 |
|        | 15                | 13.7     | 31.80                     | 4.48  | 30.00 | 4.20  | 28.20 | 4.04  | 27.30 | 3.84  | 26.40 | 3.72  | 24.60 | 3.47 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM200LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 25.00                     | 21.77 | 25.00 | 21.84 | 24.80 | 21.91 | 24.80 | 22.00 | 24.80 | 22.11 | 24.30 | 22.23 |
|        | -24.8             | -25      | 41.60                     | 21.95 | 41.60 | 22.02 | 41.30 | 22.08 | 41.30 | 22.18 | 41.30 | 22.27 | 40.60 | 22.40 |
|        | -21.8             | -22      | 50.60                     | 22.05 | 50.60 | 22.12 | 50.30 | 22.19 | 50.30 | 22.28 | 50.30 | 22.36 | 49.30 | 22.51 |
|        | -19.8             | -20      | 53.40                     | 22.12 | 53.40 | 22.19 | 53.00 | 22.25 | 53.00 | 22.34 | 53.00 | 22.43 | 52.00 | 22.57 |
|        | -18.8             | -19      | 54.50                     | 22.14 | 54.50 | 22.22 | 54.20 | 22.28 | 54.20 | 22.37 | 54.20 | 22.46 | 53.10 | 22.60 |
|        | -16.7             | -17      | 56.90                     | 22.22 | 56.90 | 22.29 | 56.60 | 22.35 | 56.60 | 22.44 | 56.60 | 22.52 | 55.50 | 22.67 |
|        | -15               | -15.9    | 58.60                     | 22.26 | 58.60 | 22.33 | 58.30 | 22.39 | 58.30 | 22.48 | 58.30 | 22.57 | 57.20 | 22.73 |
|        | -13.7             | -15      | 60.40                     | 22.32 | 60.40 | 22.38 | 60.10 | 22.44 | 60.10 | 22.53 | 60.10 | 22.63 | 58.90 | 21.80 |
|        | -11.8             | -13      | 62.40                     | 22.37 | 62.40 | 22.44 | 61.90 | 22.51 | 61.90 | 22.60 | 61.90 | 22.69 | 61.00 | 21.25 |
|        | -9.8              | -11      | 64.40                     | 22.44 | 64.40 | 22.51 | 64.10 | 22.57 | 64.10 | 21.99 | 64.10 | 21.44 | 63.20 | 20.68 |
|        | -9.5              | -10      | 64.80                     | 22.45 | 64.80 | 22.51 | 64.40 | 22.47 | 64.40 | 21.90 | 64.40 | 21.35 | 63.50 | 20.60 |
|        | -8.5              | -9.1     | 66.10                     | 22.48 | 66.10 | 22.55 | 65.60 | 22.16 | 65.60 | 21.59 | 65.30 | 21.05 | 64.70 | 20.31 |
|        | -7                | -7.6     | 68.00                     | 22.53 | 68.00 | 22.10 | 67.50 | 21.70 | 67.50 | 21.13 | 67.50 | 20.60 | 66.40 | 19.88 |
|        | -5                | -5.6     | 70.40                     | 21.98 | 70.40 | 21.53 | 70.00 | 21.12 | 70.00 | 20.56 | 70.00 | 20.02 | 68.60 | 19.34 |
|        | -3                | -3.7     | 72.90                     | 21.43 | 72.90 | 20.95 | 72.50 | 20.52 | 72.50 | 19.97 | 72.50 | 19.44 | 70.80 | 18.79 |
|        | 0                 | -0.7     | 76.60                     | 20.62 | 76.60 | 20.11 | 76.20 | 19.63 | 76.20 | 19.10 | 76.20 | 18.58 | 71.10 | 17.22 |
|        | 3                 | 2.2      | 80.40                     | 19.80 | 80.40 | 19.25 | 79.90 | 18.76 | 79.20 | 18.07 | 76.40 | 16.95 | 71.10 | 16.28 |
|        | 5                 | 4.1      | 81.40                     | 18.91 | 81.40 | 18.33 | 81.20 | 17.90 | 79.20 | 16.97 | 76.40 | 16.26 | 71.10 | 15.76 |
|        | 7                 | 6        | 81.40                     | 17.84 | 81.40 | 17.27 | 81.20 | 16.83 | 79.20 | 16.20 | 76.40 | 15.72 | 71.10 | 15.25 |
|        | 9                 | 7.9      | 81.40                     | 17.33 | 81.40 | 16.77 | 81.20 | 16.29 | 79.20 | 15.81 | 76.40 | 15.34 | 71.10 | 14.88 |
| 120    | 11                | 9.8      | 81.40                     | 17.06 | 81.40 | 16.51 | 81.20 | 16.04 | 79.20 | 15.56 | 76.40 | 15.10 | 71.10 | 14.65 |
|        | 13                | 11.8     | 81.40                     | 16.76 | 81.40 | 16.23 | 81.20 | 15.75 | 79.20 | 15.30 | 76.40 | 14.84 | 71.10 | 14.40 |
|        | 15                | 13.7     | 81.40                     | 16.45 | 81.40 | 15.92 | 81.20 | 15.45 | 79.20 | 15.01 | 76.40 | 14.56 | 71.10 | 14.12 |
|        | -30               | -30.2    | 24.80                     | 21.84 | 24.80 | 21.91 | 24.60 | 22.00 | 24.60 | 22.11 | 24.60 | 22.23 | 24.10 | 22.35 |
|        | -24.8             | -25      | 41.30                     | 22.02 | 41.30 | 22.08 | 41.00 | 22.18 | 41.00 | 22.27 | 41.00 | 22.40 | 40.20 | 22.51 |
|        | -21.8             | -22      | 50.30                     | 22.12 | 50.30 | 22.19 | 49.90 | 22.28 | 49.90 | 22.36 | 49.90 | 22.51 | 49.00 | 22.60 |
|        | -19.8             | -20      | 53.00                     | 22.19 | 53.00 | 22.25 | 52.70 | 22.34 | 52.70 | 22.43 | 52.70 | 22.57 | 51.60 | 22.66 |
|        | -18.8             | -19      | 54.20                     | 22.22 | 54.20 | 22.28 | 53.80 | 22.37 | 53.80 | 22.46 | 53.80 | 22.60 | 52.80 | 22.70 |
|        | -16.7             | -17      | 56.60                     | 22.29 | 56.60 | 22.35 | 56.20 | 22.44 | 56.20 | 22.52 | 56.20 | 22.67 | 55.10 | 22.13 |
|        | -15               | -15.9    | 58.30                     | 22.33 | 58.30 | 22.39 | 57.90 | 22.48 | 57.90 | 22.57 | 57.90 | 22.75 | 56.80 | 21.73 |
|        | -13.7             | -15      | 59.90                     | 22.38 | 59.90 | 22.44 | 59.60 | 22.53 | 59.60 | 22.63 | 59.60 | 21.83 | 58.50 | 21.34 |
|        | -11.8             | -13      | 61.90                     | 22.44 | 61.90 | 22.51 | 61.50 | 22.60 | 61.50 | 22.69 | 61.50 | 21.32 | 60.60 | 20.83 |
|        | -9.8              | -11      | 63.90                     | 22.51 | 63.90 | 22.57 | 63.50 | 21.96 | 63.50 | 21.43 | 63.50 | 20.77 | 62.80 | 20.31 |
|        | -9.5              | -10      | 64.40                     | 22.51 | 64.40 | 22.47 | 63.90 | 21.87 | 63.90 | 21.34 | 63.90 | 20.68 | 63.10 | 20.23 |
|        | -8.5              | -9.1     | 65.50                     | 22.55 | 65.50 | 22.13 | 65.20 | 21.55 | 65.20 | 21.04 | 65.20 | 20.41 | 64.30 | 19.96 |
|        | -7                | -7.6     | 67.40                     | 22.06 | 67.40 | 21.63 | 67.00 | 21.08 | 67.00 | 20.58 | 67.00 | 20.00 | 65.80 | 19.56 |
|        | -5                | -5.6     | 70.00                     | 21.42 | 70.00 | 20.99 | 69.40 | 20.46 | 69.40 | 19.99 | 69.40 | 19.48 | 66.80 | 18.68 |
|        | -3                | -3.7     | 72.40                     | 20.79 | 72.40 | 20.36 | 72.00 | 19.86 | 72.00 | 19.41 | 71.90 | 18.95 | 66.80 | 17.62 |
|        | 0                 | -0.7     | 76.10                     | 19.85 | 76.10 | 19.40 | 75.60 | 18.95 | 74.20 | 18.19 | 71.90 | 17.27 | 66.80 | 16.91 |
|        | 3                 | 2.2      | 79.90                     | 18.90 | 79.90 | 18.44 | 76.80 | 17.46 | 74.20 | 16.77 | 71.90 | 16.51 | 66.80 | 16.19 |
|        | 5                 | 4.1      | 80.80                     | 17.95 | 79.90 | 17.29 | 76.80 | 16.55 | 74.20 | 16.22 | 71.90 | 16.02 | 66.80 | 15.72 |
|        | 7                 | 6        | 80.80                     | 16.81 | 79.90 | 16.29 | 76.80 | 15.97 | 74.20 | 15.67 | 71.90 | 15.52 | 66.80 | 15.24 |
|        | 9                 | 7.9      | 80.80                     | 16.31 | 79.90 | 15.86 | 76.80 | 15.55 | 74.20 | 15.25 | 71.90 | 15.10 | 66.80 | 14.84 |
|        | 11                | 9.8      | 80.80                     | 16.01 | 79.90 | 15.57 | 76.80 | 15.26 | 74.20 | 14.97 | 71.90 | 14.83 | 66.80 | 14.57 |
|        | 13                | 11.8     | 80.80                     | 15.68 | 79.90 | 15.26 | 76.80 | 14.96 | 74.20 | 14.67 | 71.90 | 14.53 | 66.80 | 14.27 |
|        | 15                | 13.7     | 80.80                     | 15.34 | 79.90 | 14.92 | 76.80 | 14.63 | 74.20 | 14.35 | 71.90 | 14.21 | 66.80 | 13.96 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 24.70                     | 21.91 | 24.70 | 22.00 | 24.50 | 22.11 | 24.50 | 22.23 | 24.50 | 22.35 | 24.00 | 22.37 |
|        | -24.8             | -25      | 41.10                     | 22.08 | 41.10 | 22.18 | 40.80 | 22.27 | 40.80 | 22.40 | 40.80 | 22.51 | 40.00 | 22.55 |
|        | -21.8             | -22      | 49.90                     | 22.19 | 49.90 | 22.28 | 49.60 | 22.36 | 49.60 | 22.51 | 49.60 | 22.60 | 48.70 | 22.65 |
|        | -19.8             | -20      | 52.70                     | 22.25 | 52.70 | 22.34 | 52.40 | 22.43 | 52.40 | 22.57 | 52.40 | 22.66 | 51.30 | 22.71 |
|        | -18.8             | -19      | 53.80                     | 22.28 | 53.80 | 22.37 | 53.50 | 22.46 | 53.50 | 22.60 | 53.50 | 22.70 | 52.50 | 22.41 |
|        | -16.7             | -17      | 56.30                     | 22.35 | 56.30 | 22.44 | 55.80 | 22.52 | 55.80 | 22.67 | 55.80 | 22.09 | 54.80 | 21.79 |
|        | -15               | -15.9    | 57.90                     | 22.39 | 57.90 | 22.48 | 57.50 | 22.57 | 57.50 | 22.21 | 57.50 | 21.66 | 57.00 | 21.34 |
|        | -13.7             | -15      | 59.60                     | 22.44 | 59.60 | 22.53 | 59.20 | 22.63 | 59.20 | 21.75 | 59.20 | 21.23 | 59.20 | 20.90 |
|        | -11.8             | -13      | 61.50                     | 22.51 | 61.50 | 22.60 | 61.20 | 21.98 | 61.20 | 21.18 | 61.20 | 20.68 | 60.10 | 19.97 |
|        | -9.8              | -11      | 63.60                     | 22.57 | 63.60 | 21.88 | 63.20 | 21.31 | 63.20 | 20.57 | 63.20 | 20.11 | 60.10 | 18.91 |
|        | -9.5              | -10      | 63.90                     | 22.45 | 63.90 | 21.77 | 63.60 | 21.21 | 63.60 | 20.49 | 63.60 | 20.02 | 60.10 | 18.67 |
|        | -8.5              | -9.1     | 65.20                     | 22.07 | 65.20 | 21.41 | 64.80 | 20.88 | 64.80 | 20.18 | 64.40 | 19.62 | 60.10 | 18.39 |
|        | -7                | -7.6     | 67.10                     | 21.49 | 67.10 | 20.87 | 66.70 | 20.37 | 66.60 | 19.70 | 64.40 | 18.65 | 60.10 | 17.98 |
|        | -5                | -5.6     | 69.50                     | 20.75 | 69.50 | 20.19 | 68.90 | 19.68 | 66.60 | 18.46 | 64.40 | 17.81 | 60.10 | 17.44 |
|        | -3                | -3.7     | 72.00                     | 20.01 | 72.00 | 19.50 | 68.90 | 18.39 | 66.60 | 17.63 | 64.40 | 17.29 | 60.10 | 16.91 |
|        | 0                 | -0.7     | 75.60                     | 18.90 | 73.40 | 17.92 | 68.90 | 17.21 | 66.60 | 16.80 | 64.40 | 16.51 | 60.10 | 16.10 |
|        | 3                 | 2.2      | 77.70                     | 17.42 | 73.40 | 16.55 | 68.90 | 16.29 | 66.60 | 15.99 | 64.40 | 15.74 | 60.10 | 15.31 |
|        | 5                 | 4.1      | 77.70                     | 16.18 | 73.40 | 15.90 | 68.90 | 15.69 | 66.60 | 15.43 | 64.40 | 15.22 | 60.10 | 14.77 |
|        | 7                 | 6        | 77.70                     | 15.47 | 73.40 | 15.24 | 68.90 | 15.08 | 66.60 | 14.89 | 64.40 | 14.70 | 60.10 | 14.24 |
|        | 9                 | 7.9      | 77.70                     | 15.00 | 73.40 | 14.77 | 68.90 | 14.61 | 66.60 | 14.43 | 64.40 | 14.24 | 60.10 | 13.80 |
|        | 11                | 9.8      | 77.70                     | 14.65 | 73.40 | 14.43 | 68.90 | 14.27 | 66.60 | 14.09 | 64.40 | 13.91 | 60.10 | 13.48 |
|        | 13                | 11.8     | 77.70                     | 14.28 | 73.40 | 14.07 | 68.90 | 13.91 | 66.60 | 13.74 | 64.40 | 13.56 | 60.10 | 13.14 |
|        | 15                | 13.7     | 77.70                     | 13.88 | 73.40 | 13.67 | 68.90 | 13.52 | 66.60 | 13.36 | 64.40 | 13.18 | 60.10 | 12.77 |
| 100    | -30               | -30.2    | 24.50                     | 24.70 | 24.50 | 24.54 | 24.40 | 20.95 | 24.40 | 24.07 | 24.40 | 23.40 | 23.90 | 23.79 |
|        | -24.8             | -25      | 40.90                     | 24.15 | 40.90 | 23.98 | 40.70 | 22.08 | 40.70 | 23.52 | 40.70 | 23.34 | 39.80 | 23.24 |
|        | -21.8             | -22      | 49.70                     | 23.84 | 49.70 | 23.65 | 49.40 | 22.73 | 49.40 | 23.21 | 49.40 | 23.30 | 48.50 | 22.93 |
|        | -19.8             | -20      | 52.50                     | 23.62 | 52.50 | 23.44 | 52.10 | 23.13 | 52.10 | 22.99 | 52.10 | 22.90 | 51.10 | 22.71 |
|        | -18.8             | -19      | 53.60                     | 23.51 | 53.30 | 23.34 | 53.30 | 23.16 | 53.30 | 22.88 | 53.30 | 22.70 | 52.30 | 22.35 |
|        | -16.7             | -17      | 55.60                     | 23.30 | 55.60 | 23.11 | 55.60 | 23.22 | 55.30 | 22.67 | 55.30 | 21.95 | 54.30 | 21.59 |
|        | -15               | -15.9    | 57.50                     | 23.13 | 57.50 | 22.95 | 57.30 | 22.92 | 57.20 | 22.13 | 57.20 | 21.41 | 54.90 | 20.61 |
|        | -13.7             | -15      | 59.30                     | 22.97 | 59.30 | 22.80 | 59.00 | 22.63 | 59.00 | 21.59 | 59.00 | 20.88 | 54.90 | 19.46 |
|        | -11.8             | -13      | 61.20                     | 22.78 | 60.90 | 22.60 | 60.90 | 21.91 | 60.90 | 20.91 | 59.00 | 19.58 | 54.90 | 18.80 |
|        | -9.8              | -11      | 63.30                     | 22.57 | 63.30 | 21.80 | 63.00 | 21.16 | 61.00 | 19.55 | 59.00 | 18.51 | 54.90 | 18.12 |
|        | -9.5              | -10      | 63.60                     | 22.44 | 63.60 | 21.67 | 63.00 | 20.93 | 61.00 | 19.35 | 59.00 | 18.41 | 54.90 | 18.02 |
|        | -8.5              | -9.1     | 64.90                     | 22.03 | 64.90 | 21.28 | 63.00 | 20.16 | 61.00 | 18.72 | 59.00 | 18.07 | 54.90 | 17.67 |
|        | -7                | -7.6     | 67.80                     | 21.40 | 67.00 | 20.52 | 63.00 | 19.07 | 61.00 | 18.21 | 59.00 | 17.57 | 54.90 | 17.16 |
|        | -5                | -5.6     | 70.80                     | 20.60 | 67.00 | 19.04 | 63.00 | 18.39 | 61.00 | 17.56 | 59.00 | 16.93 | 54.90 | 16.51 |
|        | -3                | -3.7     | 71.10                     | 19.34 | 67.00 | 18.17 | 63.00 | 17.71 | 61.00 | 16.91 | 59.00 | 16.28 | 54.90 | 15.85 |
|        | 0                 | -0.7     | 71.10                     | 17.65 | 67.00 | 17.07 | 63.00 | 16.67 | 61.00 | 15.93 | 59.00 | 15.31 | 54.90 | 14.86 |
|        | 3                 | 2.2      | 71.10                     | 16.50 | 67.00 | 15.98 | 63.00 | 15.64 | 61.00 | 14.95 | 59.00 | 14.35 | 54.90 | 13.87 |
|        | 5                 | 4.1      | 71.10                     | 15.74 | 67.00 | 15.24 | 63.00 | 14.95 | 61.00 | 14.30 | 59.00 | 13.70 | 54.90 | 13.21 |
|        | 7                 | 6        | 71.10                     | 14.98 | 67.00 | 14.51 | 63.00 | 14.26 | 61.00 | 13.64 | 59.00 | 13.06 | 54.90 | 12.55 |
|        | 9                 | 7.9      | 71.10                     | 14.45 | 67.00 | 14.01 | 63.00 | 13.76 | 61.00 | 13.16 | 59.00 | 12.60 | 54.90 | 12.11 |
|        | 11                | 9.8      | 71.10                     | 14.06 | 67.00 | 13.61 | 63.00 | 13.38 | 61.00 | 12.79 | 59.00 | 12.24 | 54.90 | 11.77 |
|        | 13                | 11.8     | 71.10                     | 13.63 | 67.00 | 13.20 | 63.00 | 12.97 | 61.00 | 12.41 | 59.00 | 11.87 | 54.90 | 11.42 |
|        | 15                | 13.7     | 71.10                     | 13.17 | 67.00 | 12.76 | 63.00 | 12.53 | 61.00 | 12.00 | 59.00 | 11.47 | 54.90 | 11.04 |
| 90     | -30               | -30.2    | 24.50                     | 21.50 | 24.50 | 21.62 | 24.30 | 21.72 | 24.30 | 21.76 | 24.30 | 21.88 | 23.80 | 23.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 40.80                     | 21.66 | 40.80 | 21.80 | 40.50 | 21.90 | 40.50 | 21.94 | 40.50 | 22.04 | 39.70 | 22.18 |
|        | -21.8             | -22      | 49.50                     | 21.75 | 49.50 | 21.90 | 49.20 | 22.00 | 49.20 | 22.04 | 49.20 | 22.14 | 48.30 | 21.19 |
|        | -19.8             | -20      | 52.30                     | 21.83 | 52.30 | 21.96 | 51.90 | 22.07 | 51.90 | 22.11 | 51.90 | 21.47 | 50.20 | 20.23 |
|        | -18.8             | -19      | 53.60                     | 21.86 | 53.30 | 22.00 | 53.10 | 22.09 | 53.10 | 21.76 | 53.10 | 21.13 | 50.20 | 19.50 |
|        | -16.7             | -17      | 55.60                     | 21.93 | 55.60 | 22.06 | 55.40 | 21.38 | 55.40 | 21.04 | 54.10 | 19.95 | 50.20 | 18.54 |
|        | -15               | -15.9    | 57.50                     | 21.97 | 57.50 | 21.54 | 57.10 | 20.88 | 55.90 | 20.10 | 54.10 | 19.19 | 50.20 | 18.08 |
|        | -13.7             | -15      | 59.30                     | 22.02 | 59.30 | 21.01 | 57.60 | 19.96 | 55.90 | 19.04 | 54.10 | 18.45 | 50.20 | 17.62 |
|        | -11.8             | -13      | 61.20                     | 21.31 | 60.90 | 20.35 | 57.60 | 18.73 | 55.90 | 18.39 | 54.10 | 17.85 | 50.20 | 17.03 |
|        | -9.8              | -11      | 63.30                     | 20.56 | 61.20 | 19.00 | 57.60 | 18.10 | 55.90 | 17.74 | 54.10 | 17.23 | 50.20 | 16.42 |
|        | -9.5              | -10      | 63.60                     | 20.44 | 61.20 | 18.80 | 57.60 | 18.00 | 55.90 | 17.64 | 54.10 | 17.14 | 50.20 | 16.33 |
|        | -8.5              | -9.1     | 64.90                     | 20.07 | 61.20 | 18.26 | 57.60 | 17.69 | 55.90 | 17.33 | 54.10 | 16.82 | 50.20 | 16.02 |
|        | -7                | -7.6     | 65.10                     | 18.72 | 61.20 | 17.74 | 57.60 | 17.21 | 55.90 | 16.85 | 54.10 | 16.35 | 50.20 | 15.56 |
|        | -5                | -5.6     | 65.10                     | 17.83 | 61.20 | 17.11 | 57.60 | 16.60 | 55.90 | 16.22 | 54.10 | 15.75 | 50.20 | 14.98 |
|        | -3                | -3.7     | 65.10                     | 17.15 | 61.20 | 16.47 | 57.60 | 15.99 | 55.90 | 15.60 | 54.10 | 15.14 | 50.20 | 14.38 |
|        | 0                 | -0.7     | 65.10                     | 16.12 | 61.20 | 15.51 | 57.60 | 15.08 | 55.90 | 14.67 | 54.10 | 14.24 | 50.20 | 13.50 |
|        | 3                 | 2.2      | 65.10                     | 15.09 | 61.20 | 14.57 | 57.60 | 14.16 | 55.90 | 13.74 | 54.10 | 13.33 | 50.20 | 12.61 |
|        | 5                 | 4.1      | 65.10                     | 14.40 | 61.20 | 13.93 | 57.60 | 13.55 | 55.90 | 13.12 | 54.10 | 12.73 | 50.20 | 12.02 |
|        | 7                 | 6        | 65.10                     | 13.72 | 61.20 | 13.30 | 57.60 | 12.94 | 55.90 | 12.50 | 54.10 | 12.13 | 50.20 | 11.44 |
|        | 9                 | 7.9      | 65.10                     | 13.07 | 61.20 | 12.67 | 57.60 | 12.33 | 55.90 | 11.90 | 54.10 | 11.55 | 50.20 | 10.89 |
|        | 11                | 9.8      | 65.10                     | 12.42 | 61.20 | 12.04 | 57.60 | 11.72 | 55.90 | 11.32 | 54.10 | 10.98 | 50.20 | 10.36 |
|        | 13                | 11.8     | 65.10                     | 11.78 | 61.20 | 11.42 | 57.60 | 11.11 | 55.90 | 10.73 | 54.10 | 10.41 | 50.20 | 9.81  |
|        | 15                | 13.7     | 65.10                     | 11.13 | 61.20 | 10.79 | 57.60 | 10.49 | 55.90 | 10.13 | 54.10 | 9.83  | 50.20 | 9.28  |
| 80     | -30               | -30.2    | 24.30                     | 18.99 | 24.30 | 19.14 | 24.20 | 19.26 | 24.20 | 19.12 | 24.20 | 21.22 | 23.70 | 20.33 |
|        | -24.8             | -25      | 40.60                     | 19.18 | 40.60 | 19.33 | 40.30 | 19.43 | 40.30 | 19.47 | 40.30 | 19.71 | 39.50 | 18.88 |
|        | -21.8             | -22      | 49.00                     | 19.29 | 49.00 | 19.43 | 49.00 | 19.53 | 49.00 | 19.67 | 48.20 | 18.54 | 44.90 | 17.13 |
|        | -19.8             | -20      | 51.70                     | 19.36 | 51.70 | 19.50 | 51.60 | 19.60 | 50.00 | 18.42 | 48.20 | 17.33 | 44.90 | 16.59 |
|        | -18.8             | -19      | 52.90                     | 19.40 | 52.90 | 19.63 | 51.60 | 18.86 | 50.00 | 17.80 | 48.20 | 17.07 | 44.90 | 16.34 |
|        | -16.7             | -17      | 54.40                     | 19.61 | 54.40 | 18.99 | 51.60 | 17.74 | 50.00 | 17.20 | 48.20 | 16.49 | 44.90 | 15.79 |
|        | -15               | -15.9    | 55.60                     | 19.13 | 54.90 | 18.48 | 51.60 | 17.30 | 50.00 | 16.76 | 48.20 | 16.08 | 44.90 | 15.39 |
|        | -13.7             | -15      | 56.80                     | 18.66 | 54.90 | 17.80 | 51.60 | 16.86 | 50.00 | 16.33 | 48.20 | 15.68 | 44.90 | 15.00 |
|        | -11.8             | -13      | 58.30                     | 18.06 | 54.90 | 16.98 | 51.60 | 16.31 | 50.00 | 15.80 | 48.20 | 15.16 | 44.90 | 14.51 |
|        | -9.8              | -11      | 58.30                     | 16.98 | 54.90 | 16.19 | 51.60 | 15.74 | 50.00 | 15.22 | 48.20 | 14.62 | 44.90 | 13.99 |
|        | -9.5              | -10      | 58.30                     | 16.77 | 54.90 | 16.01 | 51.60 | 15.65 | 50.00 | 15.14 | 48.20 | 14.54 | 44.90 | 13.91 |
|        | -8.5              | -9.1     | 58.30                     | 16.33 | 54.90 | 15.67 | 51.60 | 15.36 | 50.00 | 14.85 | 48.20 | 14.27 | 44.90 | 13.66 |
|        | -7                | -7.6     | 58.30                     | 15.72 | 54.90 | 15.23 | 51.60 | 14.93 | 50.00 | 14.42 | 48.20 | 13.87 | 44.90 | 13.26 |
|        | -5                | -5.6     | 58.30                     | 15.14 | 54.90 | 14.69 | 51.60 | 14.37 | 50.00 | 13.88 | 48.20 | 13.34 | 44.90 | 12.77 |
|        | -3                | -3.7     | 58.30                     | 14.57 | 54.90 | 14.13 | 51.60 | 13.82 | 50.00 | 13.32 | 48.20 | 12.82 | 44.90 | 12.26 |
|        | 0                 | -0.7     | 58.30                     | 13.71 | 54.90 | 13.30 | 51.60 | 12.98 | 50.00 | 12.50 | 48.20 | 12.04 | 44.90 | 11.51 |
|        | 3                 | 2.2      | 58.30                     | 12.85 | 54.90 | 12.47 | 51.60 | 12.14 | 50.00 | 11.67 | 48.20 | 11.27 | 44.90 | 10.77 |
|        | 5                 | 4.1      | 58.30                     | 12.28 | 54.90 | 11.92 | 51.60 | 11.59 | 50.00 | 11.12 | 48.20 | 10.75 | 44.90 | 10.26 |
|        | 7                 | 6        | 58.30                     | 11.70 | 54.90 | 11.36 | 51.60 | 11.03 | 50.00 | 10.57 | 48.20 | 10.22 | 44.90 | 9.76  |
|        | 9                 | 7.9      | 58.30                     | 10.99 | 54.90 | 10.67 | 51.60 | 10.36 | 50.00 | 9.93  | 48.20 | 9.60  | 44.90 | 9.17  |
|        | 11                | 9.8      | 58.30                     | 10.20 | 54.90 | 9.91  | 51.60 | 9.62  | 50.00 | 9.21  | 48.20 | 8.91  | 44.90 | 8.51  |
|        | 13                | 11.8     | 58.30                     | 9.52  | 54.90 | 9.25  | 51.60 | 8.98  | 50.00 | 8.60  | 48.20 | 8.32  | 44.90 | 7.94  |
|        | 15                | 13.7     | 58.30                     | 8.97  | 54.90 | 8.70  | 51.60 | 8.45  | 50.00 | 8.10  | 48.20 | 7.83  | 44.90 | 7.47  |
| 70     | -30               | -30.2    | 24.30                     | 18.81 | 24.30 | 18.88 | 24.20 | 18.97 | 24.20 | 20.92 | 24.20 | 19.92 | 23.70 | 19.01 |
|        | -24.8             | -25      | 40.60                     | 19.00 | 40.60 | 19.05 | 40.30 | 19.15 | 40.30 | 19.28 | 40.30 | 18.38 | 38.40 | 17.03 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 46.60                     | 19.11 | 46.60 | 19.15 | 43.90 | 18.27 | 42.40 | 17.41 | 41.10 | 16.60 | 38.40 | 15.82 |
|        | -19.8             | -20      | 49.40                     | 18.73 | 46.70 | 18.24 | 43.90 | 17.64 | 42.40 | 16.81 | 41.10 | 16.05 | 38.40 | 15.28 |
|        | -18.8             | -19      | 49.40                     | 18.23 | 46.70 | 17.93 | 43.90 | 17.33 | 42.40 | 16.51 | 41.10 | 15.76 | 38.40 | 15.01 |
|        | -16.7             | -17      | 49.40                     | 17.57 | 46.70 | 17.24 | 43.90 | 16.67 | 42.40 | 15.89 | 41.10 | 15.18 | 38.40 | 14.44 |
|        | -15               | -15.9    | 49.40                     | 17.09 | 46.70 | 16.76 | 43.90 | 16.20 | 42.40 | 15.44 | 41.10 | 14.76 | 38.40 | 14.04 |
|        | -13.7             | -15      | 49.40                     | 16.61 | 46.70 | 16.28 | 43.90 | 15.74 | 42.40 | 15.00 | 41.10 | 14.35 | 38.40 | 13.64 |
|        | -11.8             | -13      | 49.40                     | 16.00 | 46.70 | 15.67 | 43.90 | 15.15 | 42.40 | 14.44 | 41.10 | 13.82 | 38.40 | 13.13 |
|        | -9.8              | -11      | 49.40                     | 15.38 | 46.70 | 15.02 | 43.90 | 14.53 | 42.40 | 13.85 | 41.10 | 13.27 | 38.40 | 12.60 |
|        | -9.5              | -10      | 49.40                     | 15.28 | 46.70 | 14.93 | 43.90 | 14.43 | 42.40 | 13.76 | 41.10 | 13.19 | 38.40 | 12.52 |
|        | -8.5              | -9.1     | 49.40                     | 14.96 | 46.70 | 14.61 | 43.90 | 14.13 | 42.40 | 13.47 | 41.10 | 12.91 | 38.40 | 12.26 |
|        | -7                | -7.6     | 49.40                     | 14.49 | 46.70 | 14.14 | 43.90 | 13.67 | 42.40 | 13.03 | 41.10 | 12.50 | 38.40 | 11.85 |
|        | -5                | -5.6     | 49.40                     | 13.88 | 46.70 | 13.51 | 43.90 | 13.06 | 42.40 | 12.46 | 41.10 | 11.97 | 38.40 | 11.35 |
|        | -3                | -3.7     | 49.40                     | 13.27 | 46.70 | 12.90 | 43.90 | 12.47 | 42.40 | 11.89 | 41.10 | 11.43 | 38.40 | 10.83 |
|        | 0                 | -0.7     | 49.40                     | 12.35 | 46.70 | 11.97 | 43.90 | 11.57 | 42.40 | 11.04 | 41.10 | 10.63 | 38.40 | 10.06 |
|        | 3                 | 2.2      | 49.40                     | 11.43 | 46.70 | 11.04 | 43.90 | 10.67 | 42.40 | 10.18 | 41.10 | 9.84  | 38.40 | 9.28  |
|        | 5                 | 4.1      | 49.40                     | 10.83 | 46.70 | 10.42 | 43.90 | 10.08 | 42.40 | 9.62  | 41.10 | 9.30  | 38.40 | 8.77  |
|        | 7                 | 6        | 49.40                     | 10.21 | 46.70 | 9.80  | 43.90 | 9.47  | 42.40 | 9.05  | 41.10 | 8.78  | 38.40 | 8.25  |
|        | 9                 | 7.9      | 49.40                     | 9.23  | 46.70 | 8.86  | 43.90 | 8.55  | 42.40 | 8.17  | 41.10 | 7.92  | 38.40 | 7.45  |
|        | 11                | 9.8      | 49.40                     | 8.59  | 46.70 | 8.24  | 43.90 | 7.97  | 42.40 | 7.61  | 41.10 | 7.38  | 38.40 | 6.93  |
|        | 13                | 11.8     | 49.40                     | 8.04  | 46.70 | 7.71  | 43.90 | 7.45  | 42.40 | 7.12  | 41.10 | 6.90  | 38.40 | 6.49  |
|        | 15                | 13.7     | 49.40                     | 7.58  | 46.70 | 7.27  | 43.90 | 7.03  | 42.40 | 6.71  | 41.10 | 6.50  | 38.40 | 6.12  |
| 60     | -30               | -30.2    | 24.00                     | 18.68 | 24.00 | 18.77 | 23.80 | 20.90 | 23.00 | 19.79 | 22.20 | 18.76 | 20.80 | 17.85 |
|        | -24.8             | -25      | 39.90                     | 18.87 | 39.90 | 18.96 | 37.60 | 18.14 | 36.40 | 17.20 | 35.10 | 16.32 | 32.90 | 15.50 |
|        | -21.8             | -22      | 42.40                     | 18.81 | 40.10 | 18.10 | 37.60 | 17.17 | 36.40 | 16.29 | 35.10 | 15.47 | 32.90 | 14.67 |
|        | -19.8             | -20      | 42.40                     | 18.08 | 40.10 | 17.42 | 37.60 | 16.52 | 36.40 | 15.68 | 35.10 | 14.89 | 32.90 | 14.12 |
|        | -18.8             | -19      | 42.40                     | 17.73 | 40.10 | 17.08 | 37.60 | 16.21 | 36.40 | 15.39 | 35.10 | 14.61 | 32.90 | 13.84 |
|        | -16.7             | -17      | 42.40                     | 17.01 | 40.10 | 16.36 | 37.60 | 15.52 | 36.40 | 14.75 | 35.10 | 14.02 | 32.90 | 13.27 |
|        | -15               | -15.9    | 42.40                     | 16.50 | 40.10 | 15.85 | 37.60 | 15.04 | 36.40 | 14.30 | 35.10 | 13.59 | 32.90 | 12.86 |
|        | -13.7             | -15      | 42.40                     | 15.99 | 40.10 | 15.35 | 37.60 | 14.56 | 36.40 | 13.85 | 35.10 | 13.17 | 32.90 | 12.45 |
|        | -11.8             | -13      | 42.40                     | 15.34 | 40.10 | 14.70 | 37.60 | 13.95 | 36.40 | 13.28 | 35.10 | 12.63 | 32.90 | 11.93 |
|        | -9.8              | -11      | 42.40                     | 14.65 | 40.10 | 14.02 | 37.60 | 13.32 | 36.40 | 12.68 | 35.10 | 12.07 | 32.90 | 11.39 |
|        | -9.5              | -10      | 42.40                     | 14.55 | 40.10 | 13.92 | 37.60 | 13.23 | 36.40 | 12.59 | 35.10 | 11.98 | 32.90 | 11.31 |
|        | -8.5              | -9.1     | 42.40                     | 14.21 | 40.10 | 13.59 | 37.60 | 12.91 | 36.40 | 12.30 | 35.10 | 11.71 | 32.90 | 11.04 |
|        | -7                | -7.6     | 42.40                     | 13.71 | 40.10 | 13.09 | 37.60 | 12.43 | 36.40 | 11.85 | 35.10 | 11.29 | 32.90 | 10.63 |
|        | -5                | -5.6     | 42.40                     | 13.04 | 40.10 | 12.43 | 37.60 | 11.82 | 36.40 | 11.27 | 35.10 | 10.74 | 32.90 | 10.11 |
|        | -3                | -3.7     | 42.40                     | 12.39 | 40.10 | 11.78 | 37.60 | 11.20 | 36.40 | 10.69 | 35.10 | 10.19 | 32.90 | 9.58  |
|        | 0                 | -0.7     | 42.40                     | 11.39 | 40.10 | 10.79 | 37.60 | 10.27 | 36.40 | 9.82  | 35.10 | 9.38  | 32.90 | 8.79  |
|        | 3                 | 2.2      | 42.40                     | 10.40 | 40.10 | 9.81  | 37.60 | 9.34  | 36.40 | 8.95  | 35.10 | 8.56  | 32.90 | 8.00  |
|        | 5                 | 4.1      | 42.40                     | 9.74  | 40.10 | 9.16  | 37.60 | 8.73  | 36.40 | 8.37  | 35.10 | 8.02  | 32.90 | 7.47  |
|        | 7                 | 6        | 42.40                     | 9.08  | 40.10 | 8.50  | 37.60 | 8.11  | 36.40 | 7.79  | 35.10 | 7.47  | 32.90 | 6.95  |
|        | 9                 | 7.9      | 42.40                     | 8.10  | 40.10 | 7.59  | 37.60 | 7.23  | 36.40 | 6.96  | 35.10 | 6.67  | 32.90 | 6.20  |
|        | 11                | 9.8      | 42.40                     | 7.56  | 40.10 | 7.08  | 37.60 | 6.75  | 36.40 | 6.50  | 35.10 | 6.23  | 32.90 | 5.79  |
|        | 13                | 11.8     | 42.40                     | 7.08  | 40.10 | 6.63  | 37.60 | 6.33  | 36.40 | 6.09  | 35.10 | 5.83  | 32.90 | 5.42  |
|        | 15                | 13.7     | 42.40                     | 6.69  | 40.10 | 6.27  | 37.60 | 5.98  | 36.40 | 5.74  | 35.10 | 5.52  | 32.90 | 5.13  |
| 50     | -30               | -30.2    | 22.40                     | 16.14 | 21.10 | 18.00 | 19.80 | 17.05 | 19.20 | 16.17 | 18.50 | 15.31 | 17.30 | 14.56 |
|        | -24.8             | -25      | 35.40                     | 15.49 | 33.40 | 15.62 | 31.40 | 14.80 | 30.40 | 14.04 | 29.30 | 13.32 | 27.30 | 12.64 |
|        | -21.8             | -22      | 35.40                     | 15.59 | 33.40 | 14.78 | 31.40 | 14.01 | 30.40 | 13.29 | 29.30 | 12.62 | 27.30 | 11.96 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 35.40                     | 15.00 | 33.40 | 14.21 | 31.40 | 13.48 | 30.40 | 12.79 | 29.30 | 12.15 | 27.30 | 11.51 |
|        | -18.8             | -19      | 35.40                     | 14.71 | 33.40 | 13.93 | 31.40 | 13.23 | 30.40 | 12.54 | 29.30 | 11.92 | 27.30 | 11.30 |
|        | -16.7             | -17      | 35.40                     | 14.10 | 33.40 | 13.35 | 31.40 | 12.67 | 30.40 | 12.01 | 29.30 | 11.43 | 27.30 | 10.83 |
|        | -15               | -15.9    | 35.40                     | 13.66 | 33.40 | 12.92 | 31.40 | 12.28 | 30.40 | 11.64 | 29.30 | 11.08 | 27.30 | 10.49 |
|        | -13.7             | -15      | 35.40                     | 13.22 | 33.40 | 12.50 | 31.40 | 11.88 | 30.40 | 11.27 | 29.30 | 10.74 | 27.30 | 10.16 |
|        | -11.8             | -13      | 35.40                     | 12.66 | 33.40 | 11.98 | 31.40 | 11.40 | 30.40 | 10.81 | 29.30 | 10.30 | 27.30 | 9.74  |
|        | -9.8              | -11      | 35.40                     | 12.09 | 33.40 | 11.42 | 31.40 | 10.87 | 30.40 | 10.31 | 29.30 | 9.84  | 27.30 | 9.30  |
|        | -9.5              | -10      | 35.40                     | 12.00 | 33.40 | 11.34 | 31.40 | 10.79 | 30.40 | 10.24 | 29.30 | 9.78  | 27.30 | 9.23  |
|        | -8.5              | -9.1     | 35.40                     | 11.72 | 33.40 | 11.06 | 31.40 | 10.54 | 30.40 | 10.00 | 29.30 | 9.55  | 27.30 | 9.01  |
|        | -7                | -7.6     | 35.40                     | 11.27 | 33.40 | 10.65 | 31.40 | 10.15 | 30.40 | 9.63  | 29.30 | 9.20  | 27.30 | 8.68  |
|        | -5                | -5.6     | 35.40                     | 10.71 | 33.40 | 10.11 | 31.40 | 9.65  | 30.40 | 9.16  | 29.30 | 8.76  | 27.30 | 8.25  |
|        | -3                | -3.7     | 35.40                     | 10.16 | 33.40 | 9.57  | 31.40 | 9.14  | 30.40 | 8.67  | 29.30 | 8.31  | 27.30 | 7.82  |
|        | 0                 | -0.7     | 35.40                     | 9.31  | 33.40 | 8.75  | 31.40 | 8.38  | 30.40 | 7.96  | 29.30 | 7.65  | 27.30 | 7.18  |
|        | 3                 | 2.2      | 35.40                     | 8.46  | 33.40 | 7.95  | 31.40 | 7.63  | 30.40 | 7.24  | 29.30 | 6.98  | 27.30 | 6.54  |
|        | 5                 | 4.1      | 35.40                     | 7.90  | 33.40 | 7.41  | 31.40 | 7.13  | 30.40 | 6.76  | 29.30 | 6.54  | 27.30 | 6.11  |
|        | 7                 | 6        | 35.40                     | 7.34  | 33.40 | 6.87  | 31.40 | 6.62  | 30.40 | 6.28  | 29.30 | 6.09  | 27.30 | 5.69  |
|        | 9                 | 7.9      | 35.40                     | 6.63  | 33.40 | 6.20  | 31.40 | 5.98  | 30.40 | 5.68  | 29.30 | 5.50  | 27.30 | 5.14  |
|        | 11                | 9.8      | 35.40                     | 6.20  | 33.40 | 5.80  | 31.40 | 5.59  | 30.40 | 5.31  | 29.30 | 5.15  | 27.30 | 4.80  |
|        | 13                | 11.8     | 35.40                     | 5.82  | 33.40 | 5.45  | 31.40 | 5.25  | 30.40 | 4.99  | 29.30 | 4.83  | 27.30 | 4.51  |
|        | 15                | 13.7     | 35.40                     | 5.51  | 33.40 | 5.16  | 31.40 | 4.97  | 30.40 | 4.71  | 29.30 | 4.58  | 27.30 | 4.26  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM220LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 27.50                     | 24.36 | 27.50 | 24.44 | 27.30 | 24.51 | 27.30 | 24.62 | 27.30 | 24.73 | 26.80 | 24.89 |
|        | -24.8             | -25      | 45.80                     | 24.46 | 45.80 | 24.54 | 45.60 | 24.61 | 45.60 | 24.72 | 45.60 | 24.82 | 44.60 | 24.98 |
|        | -21.8             | -22      | 55.70                     | 24.51 | 55.70 | 24.59 | 55.40 | 24.66 | 55.40 | 24.77 | 55.40 | 24.87 | 54.30 | 25.03 |
|        | -19.8             | -20      | 58.80                     | 24.55 | 58.80 | 24.63 | 58.30 | 24.70 | 58.30 | 24.80 | 58.30 | 24.91 | 57.30 | 25.07 |
|        | -18.8             | -19      | 60.00                     | 24.56 | 60.00 | 24.64 | 59.60 | 24.71 | 59.60 | 24.82 | 59.60 | 24.92 | 58.50 | 25.09 |
|        | -16.7             | -17      | 62.70                     | 24.60 | 62.70 | 24.68 | 62.20 | 24.75 | 62.20 | 24.86 | 62.20 | 24.96 | 61.10 | 25.12 |
|        | -15               | -15.9    | 64.60                     | 24.62 | 64.60 | 24.70 | 64.10 | 24.77 | 64.10 | 24.88 | 64.10 | 24.98 | 62.90 | 24.60 |
|        | -13.7             | -15      | 66.50                     | 24.65 | 66.50 | 24.73 | 66.00 | 24.80 | 66.00 | 24.91 | 66.00 | 25.01 | 64.80 | 24.11 |
|        | -11.8             | -13      | 68.70                     | 24.69 | 68.70 | 24.77 | 68.20 | 24.84 | 68.20 | 24.94 | 68.20 | 24.34 | 67.20 | 23.46 |
|        | -9.8              | -11      | 71.00                     | 24.72 | 71.00 | 24.80 | 70.50 | 24.87 | 70.50 | 24.24 | 70.50 | 23.63 | 69.60 | 22.79 |
|        | -9.5              | -10      | 71.40                     | 24.73 | 71.40 | 24.81 | 70.90 | 24.76 | 70.90 | 24.13 | 70.90 | 23.53 | 70.00 | 22.69 |
|        | -8.5              | -9.1     | 72.80                     | 24.75 | 72.80 | 24.83 | 72.30 | 24.41 | 72.30 | 23.77 | 72.00 | 23.18 | 71.20 | 22.37 |
|        | -7                | -7.6     | 74.80                     | 24.77 | 74.80 | 24.31 | 74.40 | 23.87 | 74.40 | 23.24 | 74.40 | 22.65 | 73.10 | 21.86 |
|        | -5                | -5.6     | 77.50                     | 24.17 | 77.50 | 23.68 | 77.00 | 23.23 | 77.00 | 22.60 | 77.00 | 22.01 | 75.60 | 21.26 |
|        | -3                | -3.7     | 80.30                     | 23.58 | 80.30 | 23.05 | 79.70 | 22.57 | 79.70 | 21.96 | 79.70 | 21.38 | 78.10 | 20.66 |
|        | 0                 | -0.7     | 84.40                     | 22.67 | 84.40 | 22.11 | 83.90 | 21.60 | 83.90 | 21.01 | 83.90 | 20.43 | 78.20 | 18.91 |
|        | 3                 | 2.2      | 88.50                     | 21.78 | 88.50 | 21.16 | 88.00 | 20.62 | 87.10 | 19.85 | 84.00 | 18.60 | 78.20 | 17.89 |
|        | 5                 | 4.1      | 89.60                     | 20.79 | 89.60 | 20.16 | 89.30 | 19.67 | 87.10 | 18.64 | 84.00 | 17.87 | 78.20 | 17.32 |
|        | 7                 | 6        | 89.60                     | 19.61 | 89.60 | 18.98 | 89.30 | 18.49 | 87.10 | 17.79 | 84.00 | 17.26 | 78.20 | 16.75 |
|        | 9                 | 7.9      | 89.60                     | 19.04 | 89.60 | 18.42 | 89.30 | 17.89 | 87.10 | 17.36 | 84.00 | 16.85 | 78.20 | 16.35 |
| 120    | 11                | 9.8      | 89.60                     | 18.74 | 89.60 | 18.14 | 89.30 | 17.61 | 87.10 | 17.09 | 84.00 | 16.59 | 78.20 | 16.09 |
|        | 13                | 11.8     | 89.60                     | 18.42 | 89.60 | 17.82 | 89.30 | 17.31 | 87.10 | 16.80 | 84.00 | 16.30 | 78.20 | 15.81 |
|        | 15                | 13.7     | 89.60                     | 18.07 | 89.60 | 17.49 | 89.30 | 16.98 | 87.10 | 16.49 | 84.00 | 15.99 | 78.20 | 15.51 |
|        | -30               | -30.2    | 27.30                     | 24.44 | 27.30 | 24.51 | 27.20 | 24.62 | 27.20 | 24.73 | 27.20 | 24.89 | 26.60 | 25.00 |
|        | -24.8             | -25      | 45.50                     | 24.54 | 45.50 | 24.61 | 45.30 | 24.72 | 45.30 | 24.82 | 45.30 | 24.98 | 44.30 | 25.09 |
|        | -21.8             | -22      | 55.30                     | 24.59 | 55.30 | 24.66 | 55.00 | 24.77 | 55.00 | 24.87 | 55.00 | 25.03 | 53.90 | 25.14 |
|        | -19.8             | -20      | 58.30                     | 24.63 | 58.30 | 24.70 | 57.90 | 24.80 | 57.90 | 24.91 | 57.90 | 25.07 | 56.90 | 25.18 |
|        | -18.8             | -19      | 59.60                     | 24.64 | 59.60 | 24.71 | 59.20 | 24.82 | 59.20 | 24.92 | 59.20 | 25.09 | 58.10 | 25.20 |
|        | -16.7             | -17      | 62.20                     | 24.68 | 62.20 | 24.75 | 61.80 | 24.86 | 61.80 | 24.96 | 61.80 | 25.12 | 60.70 | 24.54 |
|        | -15               | -15.9    | 64.10                     | 24.70 | 64.10 | 24.77 | 63.70 | 24.88 | 63.70 | 24.98 | 63.70 | 24.62 | 62.50 | 24.06 |
|        | -13.7             | -15      | 66.00                     | 24.73 | 66.00 | 24.80 | 65.60 | 24.91 | 65.60 | 25.01 | 65.60 | 24.15 | 64.30 | 23.60 |
|        | -11.8             | -13      | 68.10                     | 24.77 | 68.10 | 24.84 | 67.70 | 24.94 | 67.70 | 24.34 | 67.70 | 23.53 | 66.70 | 23.00 |
|        | -9.8              | -11      | 70.50                     | 24.80 | 70.50 | 24.87 | 70.00 | 24.21 | 70.00 | 23.62 | 70.00 | 22.89 | 69.20 | 22.38 |
|        | -9.5              | -10      | 70.90                     | 24.81 | 70.90 | 24.76 | 70.50 | 24.10 | 70.50 | 23.52 | 70.50 | 22.79 | 69.50 | 22.29 |
|        | -8.5              | -9.1     | 72.30                     | 24.83 | 72.30 | 24.37 | 71.70 | 23.73 | 71.70 | 23.17 | 71.70 | 22.47 | 70.80 | 21.98 |
|        | -7                | -7.6     | 74.30                     | 24.26 | 74.30 | 23.80 | 73.80 | 23.18 | 73.80 | 22.63 | 73.80 | 21.99 | 72.60 | 21.52 |
|        | -5                | -5.6     | 77.00                     | 23.56 | 77.00 | 23.09 | 76.50 | 22.51 | 76.50 | 21.99 | 76.50 | 21.42 | 73.50 | 20.55 |
|        | -3                | -3.7     | 79.70                     | 22.87 | 79.70 | 22.39 | 79.20 | 21.84 | 79.20 | 21.35 | 79.10 | 20.82 | 73.50 | 19.35 |
|        | 0                 | -0.7     | 83.80                     | 21.83 | 83.80 | 21.33 | 83.20 | 20.84 | 81.60 | 20.00 | 79.10 | 18.99 | 73.50 | 18.57 |
|        | 3                 | 2.2      | 87.90                     | 20.79 | 87.90 | 20.28 | 84.50 | 19.19 | 81.60 | 18.42 | 79.10 | 18.13 | 73.50 | 17.78 |
|        | 5                 | 4.1      | 88.80                     | 19.70 | 87.90 | 18.99 | 84.50 | 18.18 | 81.60 | 17.81 | 79.10 | 17.59 | 73.50 | 17.26 |
|        | 7                 | 6        | 88.80                     | 18.45 | 87.90 | 17.90 | 84.50 | 17.54 | 81.60 | 17.21 | 79.10 | 17.05 | 73.50 | 16.74 |
|        | 9                 | 7.9      | 88.80                     | 17.91 | 87.90 | 17.42 | 84.50 | 17.08 | 81.60 | 16.76 | 79.10 | 16.60 | 73.50 | 16.30 |
|        | 11                | 9.8      | 88.80                     | 17.58 | 87.90 | 17.10 | 84.50 | 16.77 | 81.60 | 16.45 | 79.10 | 16.29 | 73.50 | 16.00 |
|        | 13                | 11.8     | 88.80                     | 17.22 | 87.90 | 16.76 | 84.50 | 16.43 | 81.60 | 16.11 | 79.10 | 15.96 | 73.50 | 15.67 |
|        | 15                | 13.7     | 88.80                     | 16.84 | 87.90 | 16.38 | 84.50 | 16.07 | 81.60 | 15.76 | 79.10 | 15.61 | 73.50 | 15.33 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 27.20                     | 24.51 | 27.20 | 24.62 | 27.00 | 24.73 | 27.00 | 24.89 | 27.00 | 25.00 | 26.50 | 25.06 |
|        | -24.8             | -25      | 45.30                     | 24.61 | 45.30 | 24.72 | 44.90 | 24.82 | 44.90 | 24.98 | 44.90 | 25.09 | 44.10 | 25.15 |
|        | -21.8             | -22      | 55.00                     | 24.66 | 55.00 | 24.77 | 54.60 | 24.87 | 54.60 | 25.03 | 54.60 | 25.14 | 53.60 | 25.20 |
|        | -19.8             | -20      | 58.00                     | 24.70 | 58.00 | 24.80 | 57.70 | 24.91 | 57.70 | 25.07 | 57.70 | 25.18 | 56.50 | 25.23 |
|        | -18.8             | -19      | 59.30                     | 24.71 | 59.30 | 24.82 | 58.90 | 24.92 | 58.90 | 25.09 | 58.90 | 25.20 | 57.80 | 24.88 |
|        | -16.7             | -17      | 61.90                     | 24.75 | 61.90 | 24.86 | 61.50 | 24.96 | 61.50 | 25.12 | 61.50 | 24.48 | 60.30 | 24.15 |
|        | -15               | -15.9    | 63.80                     | 24.77 | 63.80 | 24.88 | 63.40 | 24.98 | 63.40 | 24.58 | 63.40 | 23.97 | 62.80 | 23.62 |
|        | -13.7             | -15      | 65.60                     | 24.80 | 65.60 | 24.91 | 65.30 | 25.01 | 65.30 | 24.06 | 65.30 | 23.47 | 65.30 | 23.11 |
|        | -11.8             | -13      | 67.80                     | 24.84 | 67.80 | 24.94 | 67.40 | 24.27 | 67.40 | 23.38 | 67.40 | 22.83 | 66.10 | 22.03 |
|        | -9.8              | -11      | 70.00                     | 24.87 | 70.00 | 24.12 | 69.60 | 23.50 | 69.60 | 22.67 | 69.60 | 22.16 | 66.10 | 20.83 |
|        | -9.5              | -10      | 70.50                     | 24.74 | 70.50 | 23.99 | 70.00 | 23.38 | 70.00 | 22.57 | 70.00 | 22.06 | 66.10 | 20.55 |
|        | -8.5              | -9.1     | 71.80                     | 24.30 | 71.80 | 23.58 | 71.40 | 22.99 | 71.40 | 22.22 | 70.80 | 21.55 | 66.10 | 20.23 |
|        | -7                | -7.6     | 73.80                     | 23.64 | 73.80 | 22.96 | 73.40 | 22.41 | 73.30 | 21.66 | 70.80 | 20.48 | 66.10 | 19.75 |
|        | -5                | -5.6     | 76.60                     | 22.82 | 76.60 | 22.20 | 75.80 | 21.64 | 73.30 | 20.30 | 70.80 | 19.56 | 66.10 | 19.16 |
|        | -3                | -3.7     | 79.30                     | 22.00 | 79.30 | 21.45 | 75.80 | 20.20 | 73.30 | 19.36 | 70.80 | 18.99 | 66.10 | 18.57 |
|        | 0                 | -0.7     | 83.30                     | 20.78 | 80.70 | 19.67 | 75.80 | 18.90 | 73.30 | 18.46 | 70.80 | 18.14 | 66.10 | 17.69 |
|        | 3                 | 2.2      | 85.40                     | 19.10 | 80.70 | 18.18 | 75.80 | 17.90 | 73.30 | 17.56 | 70.80 | 17.28 | 66.10 | 16.81 |
|        | 5                 | 4.1      | 85.40                     | 17.78 | 80.70 | 17.46 | 75.80 | 17.22 | 73.30 | 16.95 | 70.80 | 16.71 | 66.10 | 16.23 |
|        | 7                 | 6        | 85.40                     | 17.00 | 80.70 | 16.75 | 75.80 | 16.56 | 73.30 | 16.36 | 70.80 | 16.15 | 66.10 | 15.64 |
|        | 9                 | 7.9      | 85.40                     | 16.48 | 80.70 | 16.22 | 75.80 | 16.05 | 73.30 | 15.85 | 70.80 | 15.64 | 66.10 | 15.17 |
|        | 11                | 9.8      | 85.40                     | 16.09 | 80.70 | 15.85 | 75.80 | 15.67 | 73.30 | 15.49 | 70.80 | 15.28 | 66.10 | 14.81 |
|        | 13                | 11.8     | 85.40                     | 15.68 | 80.70 | 15.45 | 75.80 | 15.27 | 73.30 | 15.08 | 70.80 | 14.90 | 66.10 | 14.44 |
|        | 15                | 13.7     | 85.40                     | 15.24 | 80.70 | 15.02 | 75.80 | 14.85 | 73.30 | 14.66 | 70.80 | 14.48 | 66.10 | 14.03 |
| 100    | -30               | -30.2    | 27.00                     | 27.64 | 27.00 | 27.44 | 26.80 | 23.46 | 26.80 | 26.97 | 26.80 | 26.19 | 26.30 | 26.65 |
|        | -24.8             | -25      | 45.00                     | 26.92 | 45.00 | 26.72 | 44.70 | 24.63 | 44.70 | 26.24 | 44.70 | 26.02 | 43.90 | 25.92 |
|        | -21.8             | -22      | 54.70                     | 26.51 | 54.70 | 26.31 | 54.40 | 25.30 | 54.40 | 25.82 | 54.40 | 25.93 | 53.40 | 25.51 |
|        | -19.8             | -20      | 57.80                     | 26.24 | 57.80 | 26.04 | 57.40 | 25.69 | 57.40 | 25.54 | 57.40 | 25.44 | 56.30 | 25.23 |
|        | -18.8             | -19      | 59.00                     | 26.10 | 58.60 | 25.90 | 58.60 | 25.71 | 58.60 | 25.41 | 58.60 | 25.20 | 57.50 | 24.81 |
|        | -16.7             | -17      | 61.30                     | 25.81 | 61.30 | 25.61 | 61.30 | 25.74 | 60.90 | 25.12 | 60.90 | 24.33 | 59.70 | 23.92 |
|        | -15               | -15.9    | 63.30                     | 25.60 | 63.30 | 25.40 | 63.10 | 25.37 | 62.90 | 24.48 | 62.90 | 23.70 | 60.40 | 22.79 |
|        | -13.7             | -15      | 65.30                     | 25.40 | 65.30 | 25.20 | 65.00 | 25.01 | 65.00 | 23.87 | 64.90 | 23.06 | 60.40 | 21.48 |
|        | -11.8             | -13      | 67.40                     | 25.14 | 67.10 | 24.94 | 67.10 | 24.19 | 67.10 | 23.08 | 64.90 | 21.59 | 60.40 | 20.74 |
|        | -9.8              | -11      | 69.70                     | 24.87 | 69.70 | 24.02 | 69.30 | 23.32 | 67.10 | 21.54 | 64.90 | 20.38 | 60.40 | 19.95 |
|        | -9.5              | -10      | 70.00                     | 24.73 | 70.00 | 23.89 | 69.30 | 23.04 | 67.10 | 21.30 | 64.90 | 20.26 | 60.40 | 19.83 |
|        | -8.5              | -9.1     | 71.40                     | 24.25 | 71.40 | 23.43 | 69.30 | 22.18 | 67.10 | 20.60 | 64.90 | 19.87 | 60.40 | 19.44 |
|        | -7                | -7.6     | 74.70                     | 23.54 | 73.70 | 22.54 | 69.30 | 20.95 | 67.10 | 20.01 | 64.90 | 19.30 | 60.40 | 18.86 |
|        | -5                | -5.6     | 77.90                     | 22.65 | 73.70 | 20.90 | 69.30 | 20.20 | 67.10 | 19.29 | 64.90 | 18.60 | 60.40 | 18.13 |
|        | -3                | -3.7     | 78.20                     | 21.24 | 73.70 | 19.95 | 69.30 | 19.45 | 67.10 | 18.57 | 64.90 | 17.89 | 60.40 | 17.41 |
|        | 0                 | -0.7     | 78.20                     | 19.38 | 73.70 | 18.75 | 69.30 | 18.31 | 67.10 | 17.50 | 64.90 | 16.82 | 60.40 | 16.33 |
|        | 3                 | 2.2      | 78.20                     | 18.13 | 73.70 | 17.55 | 69.30 | 17.18 | 67.10 | 16.42 | 64.90 | 15.76 | 60.40 | 15.23 |
|        | 5                 | 4.1      | 78.20                     | 17.30 | 73.70 | 16.75 | 69.30 | 16.42 | 67.10 | 15.70 | 64.90 | 15.05 | 60.40 | 14.51 |
|        | 7                 | 6        | 78.20                     | 16.46 | 73.70 | 15.94 | 69.30 | 15.65 | 67.10 | 14.98 | 64.90 | 14.34 | 60.40 | 13.78 |
|        | 9                 | 7.9      | 78.20                     | 15.88 | 73.70 | 15.38 | 69.30 | 15.11 | 67.10 | 14.46 | 64.90 | 13.83 | 60.40 | 13.31 |
|        | 11                | 9.8      | 78.20                     | 15.44 | 73.70 | 14.95 | 69.30 | 14.69 | 67.10 | 14.06 | 64.90 | 13.45 | 60.40 | 12.93 |
|        | 13                | 11.8     | 78.20                     | 14.97 | 73.70 | 14.50 | 69.30 | 14.24 | 67.10 | 13.63 | 64.90 | 13.04 | 60.40 | 12.54 |
|        | 15                | 13.7     | 78.20                     | 14.47 | 73.70 | 14.02 | 69.30 | 13.77 | 67.10 | 13.18 | 64.90 | 12.61 | 60.40 | 12.12 |
| 90     | -30               | -30.2    | 26.90                     | 24.02 | 26.90 | 24.18 | 26.80 | 24.29 | 26.80 | 24.35 | 26.80 | 24.44 | 26.30 | 26.75 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 44.80                     | 24.11 | 44.80 | 24.28 | 44.60 | 24.39 | 44.60 | 24.45 | 44.60 | 24.55 | 43.80 | 24.72 |
|        | -21.8             | -22      | 54.50                     | 24.17 | 54.50 | 24.33 | 54.20 | 24.44 | 54.20 | 24.50 | 54.20 | 24.61 | 53.20 | 23.57 |
|        | -19.8             | -20      | 57.50                     | 24.21 | 57.50 | 24.37 | 57.20 | 24.48 | 57.20 | 24.54 | 57.20 | 23.83 | 55.20 | 22.43 |
|        | -18.8             | -19      | 59.00                     | 24.23 | 58.60 | 24.39 | 58.40 | 24.51 | 58.40 | 24.14 | 58.40 | 23.43 | 55.20 | 21.61 |
|        | -16.7             | -17      | 61.30                     | 24.26 | 61.30 | 24.43 | 61.00 | 23.67 | 61.00 | 23.30 | 59.50 | 22.08 | 55.20 | 20.50 |
|        | -15               | -15.9    | 63.30                     | 24.29 | 63.30 | 23.81 | 62.80 | 23.08 | 61.40 | 22.19 | 59.50 | 21.20 | 55.20 | 19.96 |
|        | -13.7             | -15      | 65.30                     | 24.33 | 65.30 | 23.21 | 63.40 | 22.07 | 61.40 | 21.00 | 59.50 | 20.35 | 55.20 | 19.44 |
|        | -11.8             | -13      | 67.40                     | 23.50 | 67.10 | 22.44 | 63.40 | 20.64 | 61.40 | 20.25 | 59.50 | 19.67 | 55.20 | 18.76 |
|        | -9.8              | -11      | 69.70                     | 22.64 | 67.40 | 20.92 | 63.40 | 19.90 | 61.40 | 19.52 | 59.50 | 18.94 | 55.20 | 18.06 |
|        | -9.5              | -10      | 70.00                     | 22.51 | 67.40 | 20.72 | 63.40 | 19.80 | 61.40 | 19.40 | 59.50 | 18.83 | 55.20 | 17.95 |
|        | -8.5              | -9.1     | 71.40                     | 22.07 | 67.40 | 20.05 | 63.40 | 19.43 | 61.40 | 19.03 | 59.50 | 18.48 | 55.20 | 17.61 |
|        | -7                | -7.6     | 71.60                     | 20.55 | 67.40 | 19.47 | 63.40 | 18.89 | 61.40 | 18.48 | 59.50 | 17.94 | 55.20 | 17.08 |
|        | -5                | -5.6     | 71.60                     | 19.57 | 67.40 | 18.77 | 63.40 | 18.21 | 61.40 | 17.80 | 59.50 | 17.28 | 55.20 | 16.44 |
|        | -3                | -3.7     | 71.60                     | 18.81 | 67.40 | 18.07 | 63.40 | 17.55 | 61.40 | 17.12 | 59.50 | 16.61 | 55.20 | 15.78 |
|        | 0                 | -0.7     | 71.60                     | 17.69 | 67.40 | 17.03 | 63.40 | 16.54 | 61.40 | 16.10 | 59.50 | 15.62 | 55.20 | 14.82 |
|        | 3                 | 2.2      | 71.60                     | 16.56 | 67.40 | 15.99 | 63.40 | 15.54 | 61.40 | 15.08 | 59.50 | 14.63 | 55.20 | 13.84 |
|        | 5                 | 4.1      | 71.60                     | 15.81 | 67.40 | 15.29 | 63.40 | 14.86 | 61.40 | 14.40 | 59.50 | 13.97 | 55.20 | 13.20 |
|        | 7                 | 6        | 71.60                     | 15.05 | 67.40 | 14.59 | 63.40 | 14.20 | 61.40 | 13.71 | 59.50 | 13.31 | 55.20 | 12.54 |
|        | 9                 | 7.9      | 71.60                     | 14.34 | 67.40 | 13.90 | 63.40 | 13.53 | 61.40 | 13.07 | 59.50 | 12.68 | 55.20 | 11.96 |
|        | 11                | 9.8      | 71.60                     | 13.63 | 67.40 | 13.22 | 63.40 | 12.86 | 61.40 | 12.42 | 59.50 | 12.05 | 55.20 | 11.37 |
|        | 13                | 11.8     | 71.60                     | 12.93 | 67.40 | 12.53 | 63.40 | 12.19 | 61.40 | 11.78 | 59.50 | 11.42 | 55.20 | 10.78 |
|        | 15                | 13.7     | 71.60                     | 12.22 | 67.40 | 11.83 | 63.40 | 11.52 | 61.40 | 11.12 | 59.50 | 10.80 | 55.20 | 10.18 |
| 80     | -30               | -30.2    | 26.80                     | 21.19 | 26.80 | 21.38 | 26.60 | 21.50 | 26.60 | 21.35 | 26.60 | 23.72 | 26.10 | 22.74 |
|        | -24.8             | -25      | 44.70                     | 21.33 | 44.70 | 21.50 | 44.40 | 21.61 | 44.40 | 21.67 | 44.40 | 21.94 | 43.60 | 21.02 |
|        | -21.8             | -22      | 54.00                     | 21.41 | 54.00 | 21.57 | 54.00 | 21.68 | 54.00 | 21.84 | 53.00 | 20.54 | 49.30 | 19.00 |
|        | -19.8             | -20      | 57.00                     | 21.45 | 57.00 | 21.61 | 56.70 | 21.68 | 55.00 | 20.41 | 53.00 | 19.20 | 49.30 | 18.38 |
|        | -18.8             | -19      | 58.10                     | 21.48 | 58.10 | 21.75 | 56.70 | 20.89 | 55.00 | 19.69 | 53.00 | 18.88 | 49.30 | 18.08 |
|        | -16.7             | -17      | 59.80                     | 21.68 | 59.80 | 21.00 | 56.70 | 19.60 | 55.00 | 19.00 | 53.00 | 18.21 | 49.30 | 17.44 |
|        | -15               | -15.9    | 61.20                     | 21.12 | 60.40 | 20.42 | 56.70 | 19.08 | 55.00 | 18.49 | 53.00 | 17.73 | 49.30 | 16.98 |
|        | -13.7             | -15      | 62.50                     | 20.58 | 60.40 | 19.66 | 56.70 | 18.59 | 55.00 | 18.00 | 53.00 | 17.27 | 49.30 | 16.53 |
|        | -11.8             | -13      | 64.10                     | 19.89 | 60.40 | 18.71 | 56.70 | 17.95 | 55.00 | 17.38 | 53.00 | 16.68 | 49.30 | 15.96 |
|        | -9.8              | -11      | 64.10                     | 18.65 | 60.40 | 17.76 | 56.70 | 17.29 | 55.00 | 16.72 | 53.00 | 16.06 | 49.30 | 15.37 |
|        | -9.5              | -10      | 64.10                     | 18.42 | 60.40 | 17.57 | 56.70 | 17.19 | 55.00 | 16.62 | 53.00 | 15.96 | 49.30 | 15.28 |
|        | -8.5              | -9.1     | 64.10                     | 17.90 | 60.40 | 17.19 | 56.70 | 16.86 | 55.00 | 16.30 | 53.00 | 15.66 | 49.30 | 14.99 |
|        | -7                | -7.6     | 64.10                     | 17.23 | 60.40 | 16.69 | 56.70 | 16.37 | 55.00 | 15.81 | 53.00 | 15.20 | 49.30 | 14.54 |
|        | -5                | -5.6     | 64.10                     | 16.60 | 60.40 | 16.10 | 56.70 | 15.76 | 55.00 | 15.21 | 53.00 | 14.63 | 49.30 | 13.99 |
|        | -3                | -3.7     | 64.10                     | 15.97 | 60.40 | 15.49 | 56.70 | 15.14 | 55.00 | 14.61 | 53.00 | 14.06 | 49.30 | 13.45 |
|        | 0                 | -0.7     | 64.10                     | 15.03 | 60.40 | 14.58 | 56.70 | 14.23 | 55.00 | 13.70 | 53.00 | 13.20 | 49.30 | 12.62 |
|        | 3                 | 2.2      | 64.10                     | 14.09 | 60.40 | 13.67 | 56.70 | 13.31 | 55.00 | 12.80 | 53.00 | 12.35 | 49.30 | 11.80 |
|        | 5                 | 4.1      | 64.10                     | 13.46 | 60.40 | 13.07 | 56.70 | 12.71 | 55.00 | 12.19 | 53.00 | 11.78 | 49.30 | 11.25 |
|        | 7                 | 6        | 64.10                     | 12.84 | 60.40 | 12.46 | 56.70 | 12.10 | 55.00 | 11.59 | 53.00 | 11.21 | 49.30 | 10.70 |
|        | 9                 | 7.9      | 64.10                     | 12.05 | 60.40 | 11.70 | 56.70 | 11.36 | 55.00 | 10.88 | 53.00 | 10.52 | 49.30 | 10.05 |
|        | 11                | 9.8      | 64.10                     | 11.18 | 60.40 | 10.86 | 56.70 | 10.54 | 55.00 | 10.10 | 53.00 | 9.77  | 49.30 | 9.33  |
|        | 13                | 11.8     | 64.10                     | 10.44 | 60.40 | 10.14 | 56.70 | 9.84  | 55.00 | 9.43  | 53.00 | 9.12  | 49.30 | 8.71  |
|        | 15                | 13.7     | 64.10                     | 9.83  | 60.40 | 9.54  | 56.70 | 9.26  | 55.00 | 8.88  | 53.00 | 8.59  | 49.30 | 8.19  |
| 70     | -30               | -30.2    | 26.80                     | 21.00 | 26.80 | 21.03 | 26.60 | 21.16 | 26.60 | 23.36 | 26.60 | 22.26 | 26.10 | 21.23 |
|        | -24.8             | -25      | 44.70                     | 21.12 | 44.70 | 21.17 | 44.40 | 21.28 | 44.40 | 21.44 | 44.40 | 20.44 | 42.20 | 18.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 51.30                     | 21.19 | 51.30 | 21.25 | 48.30 | 20.24 | 46.60 | 19.29 | 45.30 | 18.39 | 42.20 | 17.53 |
|        | -19.8             | -20      | 54.40                     | 20.78 | 51.30 | 20.18 | 48.30 | 19.51 | 46.60 | 18.60 | 45.30 | 17.75 | 42.20 | 16.91 |
|        | -18.8             | -19      | 54.40                     | 20.15 | 51.30 | 19.81 | 48.30 | 19.15 | 46.60 | 18.25 | 45.30 | 17.43 | 42.20 | 16.60 |
|        | -16.7             | -17      | 54.40                     | 19.38 | 51.30 | 19.03 | 48.30 | 18.40 | 46.60 | 17.53 | 45.30 | 16.75 | 42.20 | 15.94 |
|        | -15               | -15.9    | 54.40                     | 18.82 | 51.30 | 18.47 | 48.30 | 17.86 | 46.60 | 17.02 | 45.30 | 16.27 | 42.20 | 15.47 |
|        | -13.7             | -15      | 54.40                     | 18.28 | 51.30 | 17.92 | 48.30 | 17.33 | 46.60 | 16.51 | 45.30 | 15.79 | 42.20 | 15.02 |
|        | -11.8             | -13      | 54.40                     | 17.59 | 51.30 | 17.22 | 48.30 | 16.66 | 46.60 | 15.87 | 45.30 | 15.19 | 42.20 | 14.44 |
|        | -9.8              | -11      | 54.40                     | 16.87 | 51.30 | 16.49 | 48.30 | 15.95 | 46.60 | 15.21 | 45.30 | 14.57 | 42.20 | 13.83 |
|        | -9.5              | -10      | 54.40                     | 16.76 | 51.30 | 16.38 | 48.30 | 15.84 | 46.60 | 15.11 | 45.30 | 14.48 | 42.20 | 13.74 |
|        | -8.5              | -9.1     | 54.40                     | 16.41 | 51.30 | 16.02 | 48.30 | 15.49 | 46.60 | 14.76 | 45.30 | 14.15 | 42.20 | 13.44 |
|        | -7                | -7.6     | 54.40                     | 15.87 | 51.30 | 15.48 | 48.30 | 14.97 | 46.60 | 14.27 | 45.30 | 13.69 | 42.20 | 12.98 |
|        | -5                | -5.6     | 54.40                     | 15.20 | 51.30 | 14.80 | 48.30 | 14.31 | 46.60 | 13.65 | 45.30 | 13.11 | 42.20 | 12.42 |
|        | -3                | -3.7     | 54.40                     | 14.53 | 51.30 | 14.12 | 48.30 | 13.66 | 46.60 | 13.03 | 45.30 | 12.52 | 42.20 | 11.86 |
|        | 0                 | -0.7     | 54.40                     | 13.52 | 51.30 | 13.11 | 48.30 | 12.67 | 46.60 | 12.09 | 45.30 | 11.65 | 42.20 | 11.01 |
|        | 3                 | 2.2      | 54.40                     | 12.52 | 51.30 | 12.09 | 48.30 | 11.69 | 46.60 | 11.15 | 45.30 | 10.78 | 42.20 | 10.16 |
|        | 5                 | 4.1      | 54.40                     | 11.86 | 51.30 | 11.42 | 48.30 | 11.03 | 46.60 | 10.53 | 45.30 | 10.19 | 42.20 | 9.60  |
|        | 7                 | 6        | 54.40                     | 11.19 | 51.30 | 10.74 | 48.30 | 10.37 | 46.60 | 9.91  | 45.30 | 9.61  | 42.20 | 9.03  |
|        | 9                 | 7.9      | 54.40                     | 10.10 | 51.30 | 9.70  | 48.30 | 9.37  | 46.60 | 8.95  | 45.30 | 8.68  | 42.20 | 8.15  |
|        | 11                | 9.8      | 54.40                     | 9.41  | 51.30 | 9.03  | 48.30 | 8.73  | 46.60 | 8.33  | 45.30 | 8.08  | 42.20 | 7.59  |
|        | 13                | 11.8     | 54.40                     | 8.80  | 51.30 | 8.44  | 48.30 | 8.16  | 46.60 | 7.80  | 45.30 | 7.55  | 42.20 | 7.10  |
|        | 15                | 13.7     | 54.40                     | 8.29  | 51.30 | 7.97  | 48.30 | 7.69  | 46.60 | 7.35  | 45.30 | 7.12  | 42.20 | 6.70  |
| 60     | -30               | -30.2    | 26.30                     | 20.83 | 26.30 | 20.95 | 26.20 | 23.31 | 25.30 | 22.08 | 24.40 | 20.96 | 22.80 | 19.90 |
|        | -24.8             | -25      | 43.90                     | 20.96 | 43.90 | 21.07 | 41.40 | 20.13 | 40.00 | 19.09 | 38.60 | 18.11 | 36.10 | 17.19 |
|        | -21.8             | -22      | 46.60                     | 20.83 | 44.10 | 20.04 | 41.40 | 19.00 | 40.00 | 18.04 | 38.60 | 17.12 | 36.10 | 16.23 |
|        | -19.8             | -20      | 46.60                     | 19.98 | 44.10 | 19.25 | 41.40 | 18.26 | 40.00 | 17.33 | 38.60 | 16.46 | 36.10 | 15.60 |
|        | -18.8             | -19      | 46.60                     | 19.59 | 44.10 | 18.86 | 41.40 | 17.89 | 40.00 | 16.98 | 38.60 | 16.13 | 36.10 | 15.29 |
|        | -16.7             | -17      | 46.60                     | 18.76 | 44.10 | 18.04 | 41.40 | 17.11 | 40.00 | 16.26 | 38.60 | 15.45 | 36.10 | 14.63 |
|        | -15               | -15.9    | 46.60                     | 18.16 | 44.10 | 17.45 | 41.40 | 16.56 | 40.00 | 15.74 | 38.60 | 14.96 | 36.10 | 14.16 |
|        | -13.7             | -15      | 46.60                     | 17.58 | 44.10 | 16.88 | 41.40 | 16.02 | 40.00 | 15.23 | 38.60 | 14.48 | 36.10 | 13.70 |
|        | -11.8             | -13      | 46.60                     | 16.84 | 44.10 | 16.14 | 41.40 | 15.33 | 40.00 | 14.58 | 38.60 | 13.88 | 36.10 | 13.10 |
|        | -9.8              | -11      | 46.60                     | 16.07 | 44.10 | 15.38 | 41.40 | 14.61 | 40.00 | 13.90 | 38.60 | 13.23 | 36.10 | 12.49 |
|        | -9.5              | -10      | 46.60                     | 15.95 | 44.10 | 15.27 | 41.40 | 14.50 | 40.00 | 13.80 | 38.60 | 13.14 | 36.10 | 12.40 |
|        | -8.5              | -9.1     | 46.60                     | 15.57 | 44.10 | 14.88 | 41.40 | 14.14 | 40.00 | 13.46 | 38.60 | 12.82 | 36.10 | 12.09 |
|        | -7                | -7.6     | 46.60                     | 14.99 | 44.10 | 14.32 | 41.40 | 13.60 | 40.00 | 12.96 | 38.60 | 12.35 | 36.10 | 11.63 |
|        | -5                | -5.6     | 46.60                     | 14.27 | 44.10 | 13.60 | 41.40 | 12.93 | 40.00 | 12.33 | 38.60 | 11.75 | 36.10 | 11.06 |
|        | -3                | -3.7     | 46.60                     | 13.55 | 44.10 | 12.88 | 41.40 | 12.25 | 40.00 | 11.70 | 38.60 | 11.15 | 36.10 | 10.48 |
|        | 0                 | -0.7     | 46.60                     | 12.46 | 44.10 | 11.81 | 41.40 | 11.24 | 40.00 | 10.74 | 38.60 | 10.26 | 36.10 | 9.62  |
|        | 3                 | 2.2      | 46.60                     | 11.38 | 44.10 | 10.73 | 41.40 | 10.23 | 40.00 | 9.79  | 38.60 | 9.37  | 36.10 | 8.75  |
|        | 5                 | 4.1      | 46.60                     | 10.66 | 44.10 | 10.02 | 41.40 | 9.55  | 40.00 | 9.16  | 38.60 | 8.77  | 36.10 | 8.18  |
|        | 7                 | 6        | 46.60                     | 9.93  | 44.10 | 9.31  | 41.40 | 8.86  | 40.00 | 8.53  | 38.60 | 8.18  | 36.10 | 7.61  |
|        | 9                 | 7.9      | 46.60                     | 8.86  | 44.10 | 8.30  | 41.40 | 7.92  | 40.00 | 7.61  | 38.60 | 7.30  | 36.10 | 6.78  |
|        | 11                | 9.8      | 46.60                     | 8.27  | 44.10 | 7.75  | 41.40 | 7.39  | 40.00 | 7.10  | 38.60 | 6.81  | 36.10 | 6.33  |
|        | 13                | 11.8     | 46.60                     | 7.75  | 44.10 | 7.26  | 41.40 | 6.92  | 40.00 | 6.65  | 38.60 | 6.38  | 36.10 | 5.94  |
|        | 15                | 13.7     | 46.60                     | 7.33  | 44.10 | 6.86  | 41.40 | 6.54  | 40.00 | 6.29  | 38.60 | 6.03  | 36.10 | 5.61  |
| 50     | -30               | -30.2    | 24.60                     | 17.95 | 23.20 | 20.07 | 21.80 | 19.00 | 21.10 | 18.01 | 20.40 | 17.07 | 19.00 | 16.22 |
|        | -24.8             | -25      | 38.90                     | 17.16 | 36.70 | 17.31 | 34.50 | 16.41 | 33.40 | 15.56 | 32.30 | 14.76 | 30.10 | 14.01 |
|        | -21.8             | -22      | 38.90                     | 17.24 | 36.70 | 16.34 | 34.50 | 15.49 | 33.40 | 14.70 | 32.30 | 13.95 | 30.10 | 13.23 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 38.90                     | 16.57 | 36.70 | 15.69 | 34.50 | 14.88 | 33.40 | 14.12 | 32.30 | 13.41 | 30.10 | 12.72 |
|        | -18.8             | -19      | 38.90                     | 16.23 | 36.70 | 15.37 | 34.50 | 14.58 | 33.40 | 13.83 | 32.30 | 13.15 | 30.10 | 12.46 |
|        | -16.7             | -17      | 38.90                     | 15.52 | 36.70 | 14.69 | 34.50 | 13.96 | 33.40 | 13.23 | 32.30 | 12.59 | 30.10 | 11.92 |
|        | -15               | -15.9    | 38.90                     | 15.02 | 36.70 | 14.21 | 34.50 | 13.50 | 33.40 | 12.81 | 32.30 | 12.19 | 30.10 | 11.54 |
|        | -13.7             | -15      | 38.90                     | 14.52 | 36.70 | 13.74 | 34.50 | 13.05 | 33.40 | 12.39 | 32.30 | 11.80 | 30.10 | 11.16 |
|        | -11.8             | -13      | 38.90                     | 13.90 | 36.70 | 13.13 | 34.50 | 12.50 | 33.40 | 11.86 | 32.30 | 11.30 | 30.10 | 10.68 |
|        | -9.8              | -11      | 38.90                     | 13.24 | 36.70 | 12.51 | 34.50 | 11.91 | 33.40 | 11.29 | 32.30 | 10.78 | 30.10 | 10.18 |
|        | -9.5              | -10      | 38.90                     | 13.14 | 36.70 | 12.41 | 34.50 | 11.82 | 33.40 | 11.21 | 32.30 | 10.70 | 30.10 | 10.11 |
|        | -8.5              | -9.1     | 38.90                     | 12.82 | 36.70 | 12.10 | 34.50 | 11.53 | 33.40 | 10.93 | 32.30 | 10.44 | 30.10 | 9.86  |
|        | -7                | -7.6     | 38.90                     | 12.33 | 36.70 | 11.63 | 34.50 | 11.09 | 33.40 | 10.53 | 32.30 | 10.06 | 30.10 | 9.48  |
|        | -5                | -5.6     | 38.90                     | 11.71 | 36.70 | 11.04 | 34.50 | 10.54 | 33.40 | 10.00 | 32.30 | 9.58  | 30.10 | 9.02  |
|        | -3                | -3.7     | 38.90                     | 11.10 | 36.70 | 10.45 | 34.50 | 9.99  | 33.40 | 9.48  | 32.30 | 9.09  | 30.10 | 8.55  |
|        | 0                 | -0.7     | 38.90                     | 10.17 | 36.70 | 9.57  | 34.50 | 9.16  | 33.40 | 8.69  | 32.30 | 8.36  | 30.10 | 7.85  |
|        | 3                 | 2.2      | 38.90                     | 9.25  | 36.70 | 8.69  | 34.50 | 8.34  | 33.40 | 7.92  | 32.30 | 7.63  | 30.10 | 7.15  |
|        | 5                 | 4.1      | 38.90                     | 8.64  | 36.70 | 8.09  | 34.50 | 7.78  | 33.40 | 7.39  | 32.30 | 7.15  | 30.10 | 6.68  |
|        | 7                 | 6        | 38.90                     | 8.02  | 36.70 | 7.51  | 34.50 | 7.23  | 33.40 | 6.87  | 32.30 | 6.66  | 30.10 | 6.21  |
|        | 9                 | 7.9      | 38.90                     | 7.24  | 36.70 | 6.78  | 34.50 | 6.54  | 33.40 | 6.21  | 32.30 | 6.01  | 30.10 | 5.61  |
|        | 11                | 9.8      | 38.90                     | 6.78  | 36.70 | 6.35  | 34.50 | 6.11  | 33.40 | 5.80  | 32.30 | 5.62  | 30.10 | 5.25  |
|        | 13                | 11.8     | 38.90                     | 6.37  | 36.70 | 5.95  | 34.50 | 5.74  | 33.40 | 5.46  | 32.30 | 5.29  | 30.10 | 4.93  |
|        | 15                | 13.7     | 38.90                     | 6.02  | 36.70 | 5.63  | 34.50 | 5.43  | 33.40 | 5.15  | 32.30 | 5.00  | 30.10 | 4.67  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM240LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 29.20                     | 26.87 | 29.20 | 27.09 | 29.00 | 27.28 | 29.00 | 27.56 | 29.00 | 27.85 | 28.50 | 28.32 |
|        | -24.8             | -25      | 48.70                     | 27.64 | 48.70 | 27.87 | 48.30 | 28.06 | 48.30 | 28.35 | 48.30 | 28.64 | 47.50 | 29.09 |
|        | -21.8             | -22      | 60.00                     | 28.09 | 60.00 | 28.32 | 59.60 | 28.51 | 59.60 | 28.81 | 59.60 | 29.10 | 58.40 | 29.54 |
|        | -19.8             | -20      | 63.70                     | 28.40 | 63.70 | 28.62 | 63.20 | 28.82 | 63.20 | 29.12 | 63.20 | 29.40 | 62.10 | 29.85 |
|        | -18.8             | -19      | 65.20                     | 28.55 | 65.20 | 28.78 | 64.70 | 28.97 | 64.70 | 29.27 | 64.70 | 29.55 | 63.50 | 30.00 |
|        | -16.7             | -17      | 68.20                     | 28.87 | 68.20 | 29.09 | 67.70 | 29.29 | 67.70 | 29.59 | 67.70 | 29.88 | 66.50 | 30.32 |
|        | -15               | -15.9    | 70.30                     | 29.10 | 70.30 | 29.33 | 69.90 | 29.52 | 69.90 | 29.82 | 69.90 | 30.11 | 68.50 | 29.78 |
|        | -13.7             | -15      | 72.50                     | 29.33 | 72.50 | 29.55 | 72.00 | 29.75 | 72.00 | 30.05 | 72.00 | 30.33 | 70.60 | 29.23 |
|        | -11.8             | -13      | 74.80                     | 29.62 | 74.80 | 29.84 | 74.40 | 30.03 | 74.40 | 30.34 | 74.40 | 29.60 | 73.30 | 28.54 |
|        | -9.8              | -11      | 77.30                     | 29.92 | 77.30 | 30.15 | 76.80 | 30.34 | 76.80 | 29.57 | 76.80 | 28.83 | 76.10 | 27.81 |
|        | -9.5              | -10      | 77.70                     | 29.98 | 77.70 | 30.19 | 77.30 | 30.22 | 77.30 | 29.45 | 77.20 | 28.72 | 76.50 | 27.69 |
|        | -8.5              | -9.1     | 79.20                     | 30.12 | 79.20 | 30.34 | 78.80 | 29.83 | 78.80 | 29.05 | 78.50 | 28.33 | 77.90 | 27.33 |
|        | -7                | -7.6     | 81.50                     | 30.35 | 81.50 | 29.78 | 80.90 | 29.24 | 80.90 | 28.48 | 80.90 | 27.74 | 80.00 | 26.79 |
|        | -5                | -5.6     | 84.50                     | 29.62 | 84.50 | 29.00 | 83.90 | 28.44 | 83.90 | 27.69 | 83.90 | 26.97 | 82.70 | 26.05 |
|        | -3                | -3.7     | 87.50                     | 28.88 | 87.50 | 28.24 | 86.90 | 27.65 | 86.90 | 26.90 | 86.90 | 26.19 | 85.30 | 25.25 |
|        | 0                 | -0.7     | 92.00                     | 27.78 | 92.00 | 27.09 | 91.30 | 26.46 | 91.30 | 25.73 | 91.30 | 25.03 | 85.30 | 23.00 |
|        | 3                 | 2.2      | 96.50                     | 26.68 | 96.50 | 25.92 | 95.80 | 25.27 | 95.00 | 24.34 | 91.60 | 22.81 | 85.30 | 21.93 |
|        | 5                 | 4.1      | 97.60                     | 25.48 | 97.60 | 24.72 | 97.30 | 24.10 | 95.00 | 22.85 | 91.60 | 21.90 | 85.30 | 21.23 |
|        | 7                 | 6        | 97.60                     | 24.04 | 97.60 | 23.26 | 97.30 | 22.66 | 95.00 | 21.82 | 91.60 | 21.17 | 85.30 | 20.53 |
|        | 9                 | 7.9      | 97.60                     | 23.34 | 97.60 | 22.59 | 97.30 | 21.93 | 95.00 | 21.30 | 91.60 | 20.67 | 85.30 | 20.04 |
| 120    | 11                | 9.8      | 97.60                     | 22.97 | 97.60 | 22.24 | 97.30 | 21.60 | 95.00 | 20.96 | 91.60 | 20.34 | 85.30 | 19.73 |
|        | 13                | 11.8     | 97.60                     | 22.59 | 97.60 | 21.85 | 97.30 | 21.22 | 95.00 | 20.60 | 91.60 | 19.99 | 85.30 | 19.39 |
|        | 15                | 13.7     | 97.60                     | 22.16 | 97.60 | 21.44 | 97.30 | 20.82 | 95.00 | 20.21 | 91.60 | 19.61 | 85.30 | 19.02 |
|        | -30               | -30.2    | 29.00                     | 27.09 | 29.00 | 27.28 | 28.80 | 27.56 | 28.80 | 27.85 | 28.80 | 28.32 | 28.30 | 28.61 |
|        | -24.8             | -25      | 48.30                     | 27.87 | 48.30 | 28.06 | 48.00 | 28.35 | 48.00 | 28.64 | 48.00 | 29.09 | 47.20 | 29.40 |
|        | -21.8             | -22      | 59.60                     | 28.32 | 59.60 | 28.51 | 59.20 | 28.81 | 59.20 | 29.10 | 59.20 | 29.54 | 58.10 | 29.86 |
|        | -19.8             | -20      | 63.20                     | 28.62 | 63.20 | 28.82 | 62.80 | 29.12 | 62.80 | 29.40 | 62.80 | 29.85 | 61.60 | 30.16 |
|        | -18.8             | -19      | 64.60                     | 28.78 | 64.60 | 28.97 | 64.20 | 29.27 | 64.20 | 29.55 | 64.20 | 30.00 | 63.00 | 30.31 |
|        | -16.7             | -17      | 67.60                     | 29.09 | 67.60 | 29.29 | 67.20 | 29.59 | 67.20 | 29.88 | 67.20 | 30.32 | 65.90 | 29.61 |
|        | -15               | -15.9    | 69.80                     | 29.33 | 69.80 | 29.52 | 69.30 | 29.82 | 69.30 | 30.11 | 69.30 | 29.80 | 68.00 | 29.11 |
|        | -13.7             | -15      | 71.90                     | 29.55 | 71.90 | 29.75 | 71.50 | 30.05 | 71.50 | 30.33 | 71.50 | 29.28 | 70.10 | 28.61 |
|        | -11.8             | -13      | 74.30                     | 29.84 | 74.30 | 30.03 | 73.80 | 30.34 | 73.80 | 29.59 | 73.80 | 28.61 | 72.80 | 27.98 |
|        | -9.8              | -11      | 76.70                     | 30.15 | 76.70 | 30.34 | 76.30 | 29.52 | 76.30 | 28.81 | 76.30 | 27.92 | 75.60 | 27.31 |
|        | -9.5              | -10      | 77.20                     | 30.19 | 77.20 | 30.21 | 76.70 | 29.41 | 76.70 | 28.70 | 76.70 | 27.81 | 76.00 | 27.20 |
|        | -8.5              | -9.1     | 78.70                     | 30.34 | 78.70 | 29.78 | 78.10 | 29.00 | 78.10 | 28.31 | 78.10 | 27.47 | 77.30 | 26.87 |
|        | -7                | -7.6     | 80.90                     | 29.71 | 80.90 | 29.14 | 80.40 | 28.39 | 80.40 | 27.72 | 80.40 | 26.95 | 79.40 | 26.37 |
|        | -5                | -5.6     | 83.90                     | 28.86 | 83.90 | 28.28 | 83.40 | 27.57 | 83.40 | 26.94 | 83.40 | 26.24 | 80.10 | 25.04 |
|        | -3                | -3.7     | 86.80                     | 28.01 | 86.80 | 27.43 | 86.30 | 26.75 | 86.30 | 26.16 | 86.20 | 25.53 | 80.10 | 23.73 |
|        | 0                 | -0.7     | 91.30                     | 26.74 | 91.30 | 26.14 | 90.70 | 25.53 | 89.00 | 24.51 | 86.20 | 23.28 | 80.10 | 22.77 |
|        | 3                 | 2.2      | 95.70                     | 25.47 | 95.70 | 24.85 | 92.00 | 23.50 | 89.00 | 22.59 | 86.20 | 22.23 | 80.10 | 21.81 |
|        | 5                 | 4.1      | 96.90                     | 24.17 | 95.90 | 23.30 | 92.00 | 22.29 | 89.00 | 21.84 | 86.20 | 21.56 | 80.10 | 21.17 |
|        | 7                 | 6        | 96.90                     | 22.65 | 95.90 | 21.94 | 92.00 | 21.51 | 89.00 | 21.09 | 86.20 | 20.90 | 80.10 | 20.52 |
|        | 9                 | 7.9      | 96.90                     | 21.95 | 95.90 | 21.36 | 92.00 | 20.94 | 89.00 | 20.54 | 86.20 | 20.35 | 80.10 | 19.98 |
|        | 11                | 9.8      | 96.90                     | 21.55 | 95.90 | 20.97 | 92.00 | 20.55 | 89.00 | 20.17 | 86.20 | 19.97 | 80.10 | 19.61 |
|        | 13                | 11.8     | 96.90                     | 21.12 | 95.90 | 20.54 | 92.00 | 20.14 | 89.00 | 19.76 | 86.20 | 19.57 | 80.10 | 19.23 |
|        | 15                | 13.7     | 96.90                     | 20.66 | 95.90 | 20.09 | 92.00 | 19.70 | 89.00 | 19.32 | 86.20 | 19.13 | 80.10 | 18.80 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 28.90                     | 27.28 | 28.90 | 27.56 | 28.70 | 27.85 | 28.70 | 28.32 | 28.70 | 28.61 | 28.10 | 28.78 |
|        | -24.8             | -25      | 48.10                     | 28.06 | 48.10 | 28.35 | 47.80 | 28.64 | 47.80 | 29.09 | 47.80 | 29.40 | 46.80 | 29.56 |
|        | -21.8             | -22      | 59.30                     | 28.51 | 59.30 | 28.81 | 58.80 | 29.10 | 58.80 | 29.54 | 58.80 | 29.86 | 57.80 | 30.00 |
|        | -19.8             | -20      | 62.90                     | 28.82 | 62.90 | 29.12 | 62.50 | 29.40 | 62.50 | 29.85 | 62.50 | 30.16 | 61.30 | 30.31 |
|        | -18.8             | -19      | 64.30                     | 28.97 | 64.30 | 29.27 | 63.90 | 29.55 | 63.90 | 30.00 | 63.90 | 30.31 | 62.70 | 29.94 |
|        | -16.7             | -17      | 67.30                     | 29.29 | 67.30 | 29.59 | 66.90 | 29.88 | 66.90 | 30.32 | 66.90 | 29.56 | 65.60 | 29.15 |
|        | -15               | -15.9    | 69.40                     | 29.52 | 69.40 | 29.82 | 69.00 | 30.11 | 69.00 | 29.74 | 69.00 | 29.01 | 68.30 | 28.59 |
|        | -13.7             | -15      | 71.50                     | 29.75 | 71.50 | 30.05 | 71.10 | 30.33 | 71.10 | 29.17 | 71.10 | 28.46 | 71.10 | 28.03 |
|        | -11.8             | -13      | 73.80                     | 30.03 | 73.80 | 30.34 | 73.40 | 29.52 | 73.40 | 28.43 | 73.40 | 27.76 | 72.10 | 26.82 |
|        | -9.8              | -11      | 76.30                     | 30.34 | 76.30 | 29.42 | 75.90 | 28.66 | 75.90 | 27.66 | 75.90 | 27.04 | 72.10 | 25.35 |
|        | -9.5              | -10      | 76.70                     | 30.19 | 76.70 | 29.28 | 76.30 | 28.52 | 76.30 | 27.54 | 76.30 | 26.93 | 72.10 | 25.10 |
|        | -8.5              | -9.1     | 78.20                     | 29.70 | 78.20 | 28.82 | 77.80 | 28.09 | 77.80 | 27.16 | 77.20 | 26.34 | 72.10 | 24.74 |
|        | -7                | -7.6     | 80.50                     | 28.95 | 80.50 | 28.13 | 80.00 | 27.45 | 79.90 | 26.57 | 77.20 | 25.11 | 72.10 | 24.21 |
|        | -5                | -5.6     | 83.40                     | 27.96 | 83.40 | 27.19 | 82.60 | 26.50 | 79.90 | 24.90 | 77.20 | 23.99 | 72.10 | 23.49 |
|        | -3                | -3.7     | 86.40                     | 26.96 | 86.40 | 26.27 | 82.60 | 24.74 | 79.90 | 23.74 | 77.20 | 23.28 | 72.10 | 22.77 |
|        | 0                 | -0.7     | 90.80                     | 25.46 | 88.10 | 24.14 | 82.60 | 23.18 | 79.90 | 22.64 | 77.20 | 22.24 | 72.10 | 21.70 |
|        | 3                 | 2.2      | 93.20                     | 23.46 | 88.10 | 22.29 | 82.60 | 21.94 | 79.90 | 21.53 | 77.20 | 21.19 | 72.10 | 20.61 |
|        | 5                 | 4.1      | 93.20                     | 21.79 | 88.10 | 21.41 | 82.60 | 21.13 | 79.90 | 20.79 | 77.20 | 20.49 | 72.10 | 19.90 |
|        | 7                 | 6        | 93.20                     | 20.84 | 88.10 | 20.53 | 82.60 | 20.30 | 79.90 | 20.05 | 77.20 | 19.80 | 72.10 | 19.18 |
|        | 9                 | 7.9      | 93.20                     | 20.20 | 88.10 | 19.90 | 82.60 | 19.67 | 79.90 | 19.43 | 77.20 | 19.18 | 72.10 | 18.59 |
|        | 11                | 9.8      | 93.20                     | 19.74 | 88.10 | 19.44 | 82.60 | 19.22 | 79.90 | 18.98 | 77.20 | 18.73 | 72.10 | 18.16 |
|        | 13                | 11.8     | 93.20                     | 19.23 | 88.10 | 18.94 | 82.60 | 18.72 | 79.90 | 18.50 | 77.20 | 18.26 | 72.10 | 17.70 |
|        | 15                | 13.7     | 93.20                     | 18.69 | 88.10 | 18.41 | 82.60 | 18.20 | 79.90 | 17.98 | 77.20 | 17.75 | 72.10 | 17.20 |
| 100    | -30               | -30.2    | 28.70                     | 31.43 | 28.70 | 31.32 | 28.60 | 27.36 | 28.60 | 31.04 | 28.60 | 30.18 | 28.00 | 30.87 |
|        | -24.8             | -25      | 47.90                     | 31.15 | 47.90 | 31.04 | 47.60 | 28.95 | 47.60 | 30.76 | 47.60 | 30.64 | 46.60 | 30.59 |
|        | -21.8             | -22      | 58.90                     | 30.98 | 58.90 | 30.88 | 58.60 | 29.88 | 58.60 | 30.60 | 58.60 | 30.91 | 57.40 | 30.42 |
|        | -19.8             | -20      | 62.60                     | 30.88 | 62.60 | 30.76 | 62.30 | 30.45 | 62.30 | 30.49 | 62.30 | 30.52 | 61.10 | 30.31 |
|        | -18.8             | -19      | 64.00                     | 30.83 | 63.70 | 30.71 | 63.70 | 30.60 | 63.70 | 30.43 | 63.70 | 30.31 | 62.40 | 29.85 |
|        | -16.7             | -17      | 66.60                     | 30.72 | 66.60 | 30.60 | 66.60 | 30.92 | 66.20 | 30.32 | 66.20 | 29.36 | 65.00 | 28.88 |
|        | -15               | -15.9    | 68.90                     | 30.64 | 68.90 | 30.52 | 68.60 | 30.63 | 68.50 | 29.63 | 68.50 | 28.68 | 65.90 | 27.63 |
|        | -13.7             | -15      | 71.20                     | 30.56 | 71.20 | 30.44 | 70.70 | 30.33 | 70.70 | 28.94 | 70.70 | 27.97 | 65.90 | 26.07 |
|        | -11.8             | -13      | 73.50                     | 30.45 | 73.10 | 30.34 | 73.10 | 29.41 | 73.10 | 28.06 | 70.70 | 26.23 | 65.90 | 25.24 |
|        | -9.8              | -11      | 75.90                     | 30.34 | 75.90 | 29.31 | 75.60 | 28.44 | 73.10 | 26.27 | 70.70 | 24.88 | 65.90 | 24.36 |
|        | -9.5              | -10      | 76.30                     | 30.18 | 76.30 | 29.15 | 75.60 | 28.14 | 73.10 | 25.99 | 70.70 | 24.75 | 65.90 | 24.22 |
|        | -8.5              | -9.1     | 77.80                     | 29.65 | 77.80 | 28.63 | 75.60 | 27.11 | 73.10 | 25.19 | 70.70 | 24.32 | 65.90 | 23.78 |
|        | -7                | -7.6     | 81.40                     | 28.84 | 80.40 | 27.66 | 75.60 | 25.69 | 73.10 | 24.54 | 70.70 | 23.67 | 65.90 | 23.12 |
|        | -5                | -5.6     | 84.90                     | 27.75 | 80.40 | 25.68 | 75.60 | 24.77 | 73.10 | 23.65 | 70.70 | 22.80 | 65.90 | 22.23 |
|        | -3                | -3.7     | 85.20                     | 26.03 | 80.40 | 24.47 | 75.60 | 23.84 | 73.10 | 22.77 | 70.70 | 21.93 | 65.90 | 21.34 |
|        | 0                 | -0.7     | 85.20                     | 23.77 | 80.40 | 22.99 | 75.60 | 22.45 | 73.10 | 21.45 | 70.70 | 20.62 | 65.90 | 20.01 |
|        | 3                 | 2.2      | 85.20                     | 22.23 | 80.40 | 21.51 | 75.60 | 21.06 | 73.10 | 20.13 | 70.70 | 19.32 | 65.90 | 18.68 |
|        | 5                 | 4.1      | 85.20                     | 21.21 | 80.40 | 20.53 | 75.60 | 20.13 | 73.10 | 19.26 | 70.70 | 18.45 | 65.90 | 17.80 |
|        | 7                 | 6        | 85.20                     | 20.18 | 80.40 | 19.54 | 75.60 | 19.22 | 73.10 | 18.38 | 70.70 | 17.58 | 65.90 | 16.91 |
|        | 9                 | 7.9      | 85.20                     | 19.47 | 80.40 | 18.86 | 75.60 | 18.53 | 73.10 | 17.73 | 70.70 | 16.97 | 65.90 | 16.31 |
|        | 11                | 9.8      | 85.20                     | 18.93 | 80.40 | 18.34 | 75.60 | 18.02 | 73.10 | 17.23 | 70.70 | 16.49 | 65.90 | 15.86 |
|        | 13                | 11.8     | 85.20                     | 18.36 | 80.40 | 17.77 | 75.60 | 17.47 | 73.10 | 16.71 | 70.70 | 15.99 | 65.90 | 15.37 |
|        | 15                | 13.7     | 85.20                     | 17.74 | 80.40 | 17.18 | 75.60 | 16.89 | 73.10 | 16.15 | 70.70 | 15.46 | 65.90 | 14.86 |
| 90     | -30               | -30.2    | 28.60                     | 26.92 | 28.60 | 27.34 | 28.40 | 27.68 | 28.40 | 27.80 | 28.40 | 28.11 | 27.90 | 31.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 47.70                     | 27.70 | 47.70 | 28.14 | 47.40 | 28.46 | 47.40 | 28.60 | 47.40 | 28.90 | 46.50 | 29.36 |
|        | -21.8             | -22      | 58.70                     | 28.15 | 58.70 | 28.60 | 58.40 | 28.91 | 58.40 | 29.06 | 58.40 | 29.36 | 57.20 | 28.13 |
|        | -19.8             | -20      | 62.40                     | 28.45 | 62.40 | 28.91 | 62.00 | 29.22 | 62.00 | 29.37 | 62.00 | 28.52 | 60.20 | 27.05 |
|        | -18.8             | -19      | 64.00                     | 28.61 | 63.70 | 29.06 | 63.30 | 29.37 | 63.30 | 28.94 | 63.30 | 28.10 | 60.20 | 26.05 |
|        | -16.7             | -17      | 66.60                     | 28.93 | 66.60 | 29.38 | 66.30 | 28.48 | 66.30 | 28.03 | 64.90 | 26.62 | 60.20 | 24.70 |
|        | -15               | -15.9    | 68.90                     | 29.16 | 68.90 | 28.72 | 68.40 | 27.85 | 67.00 | 26.82 | 64.90 | 25.61 | 60.20 | 24.11 |
|        | -13.7             | -15      | 71.20                     | 29.39 | 71.20 | 28.05 | 69.20 | 26.68 | 67.00 | 25.41 | 64.90 | 24.63 | 60.20 | 23.53 |
|        | -11.8             | -13      | 73.50                     | 28.48 | 73.10 | 27.22 | 69.20 | 25.08 | 67.00 | 24.59 | 64.90 | 23.88 | 60.20 | 22.78 |
|        | -9.8              | -11      | 75.90                     | 27.53 | 73.40 | 25.48 | 69.20 | 24.24 | 67.00 | 23.76 | 64.90 | 23.08 | 60.20 | 22.00 |
|        | -9.5              | -10      | 76.30                     | 27.38 | 73.40 | 25.21 | 69.20 | 24.12 | 67.00 | 23.64 | 64.90 | 22.95 | 60.20 | 21.88 |
|        | -8.5              | -9.1     | 77.80                     | 26.91 | 73.40 | 24.47 | 69.20 | 23.71 | 67.00 | 23.23 | 64.90 | 22.56 | 60.20 | 21.49 |
|        | -7                | -7.6     | 78.00                     | 25.11 | 73.40 | 23.81 | 69.20 | 23.11 | 67.00 | 22.61 | 64.90 | 21.96 | 60.20 | 20.90 |
|        | -5                | -5.6     | 78.00                     | 23.94 | 73.40 | 22.97 | 69.20 | 22.30 | 67.00 | 21.79 | 64.90 | 21.16 | 60.20 | 20.12 |
|        | -3                | -3.7     | 78.00                     | 23.03 | 73.40 | 22.13 | 69.20 | 21.49 | 67.00 | 20.96 | 64.90 | 20.35 | 60.20 | 19.34 |
|        | 0                 | -0.7     | 78.00                     | 21.67 | 73.40 | 20.86 | 69.20 | 20.27 | 67.00 | 19.72 | 64.90 | 19.14 | 60.20 | 18.16 |
|        | 3                 | 2.2      | 78.00                     | 20.30 | 73.40 | 19.59 | 69.20 | 19.05 | 67.00 | 18.49 | 64.90 | 17.94 | 60.20 | 16.97 |
|        | 5                 | 4.1      | 78.00                     | 19.39 | 73.40 | 18.75 | 69.20 | 18.24 | 67.00 | 17.66 | 64.90 | 17.13 | 60.20 | 16.18 |
|        | 7                 | 6        | 78.00                     | 18.48 | 73.40 | 17.91 | 69.20 | 17.43 | 67.00 | 16.84 | 64.90 | 16.34 | 60.20 | 15.40 |
|        | 9                 | 7.9      | 78.00                     | 17.62 | 73.40 | 17.07 | 69.20 | 16.61 | 67.00 | 16.05 | 64.90 | 15.57 | 60.20 | 14.69 |
|        | 11                | 9.8      | 78.00                     | 16.76 | 73.40 | 16.24 | 69.20 | 15.80 | 67.00 | 15.26 | 64.90 | 14.81 | 60.20 | 13.96 |
|        | 13                | 11.8     | 78.00                     | 15.90 | 73.40 | 15.40 | 69.20 | 15.00 | 67.00 | 14.48 | 64.90 | 14.05 | 60.20 | 13.25 |
|        | 15                | 13.7     | 78.00                     | 15.04 | 73.40 | 14.58 | 69.20 | 14.18 | 67.00 | 13.70 | 64.90 | 13.29 | 60.20 | 12.53 |
| 80     | -30               | -30.2    | 28.50                     | 23.62 | 28.50 | 24.09 | 28.30 | 24.41 | 28.30 | 24.03 | 28.30 | 27.96 | 27.80 | 26.81 |
|        | -24.8             | -25      | 47.50                     | 24.42 | 47.50 | 24.87 | 47.20 | 25.19 | 47.20 | 25.34 | 47.20 | 26.08 | 46.30 | 24.99 |
|        | -21.8             | -22      | 58.10                     | 24.88 | 58.10 | 25.32 | 58.10 | 25.64 | 58.10 | 26.09 | 57.90 | 24.90 | 53.80 | 22.72 |
|        | -19.8             | -20      | 61.70                     | 25.18 | 61.70 | 25.63 | 61.70 | 26.09 | 60.00 | 24.62 | 57.90 | 23.03 | 53.80 | 22.05 |
|        | -18.8             | -19      | 63.10                     | 25.33 | 63.10 | 26.10 | 61.80 | 25.18 | 60.00 | 23.71 | 57.90 | 22.68 | 53.80 | 21.73 |
|        | -16.7             | -17      | 65.20                     | 26.10 | 65.20 | 25.29 | 61.80 | 23.62 | 60.00 | 22.90 | 57.90 | 21.97 | 53.80 | 21.04 |
|        | -15               | -15.9    | 66.70                     | 25.51 | 65.90 | 24.69 | 61.80 | 23.07 | 60.00 | 22.36 | 57.90 | 21.45 | 53.80 | 20.54 |
|        | -13.7             | -15      | 68.20                     | 24.91 | 65.90 | 23.82 | 61.80 | 22.52 | 60.00 | 21.81 | 57.90 | 20.93 | 53.80 | 20.04 |
|        | -11.8             | -13      | 69.80                     | 24.15 | 65.90 | 22.77 | 61.80 | 21.82 | 60.00 | 21.12 | 57.90 | 20.28 | 53.80 | 19.41 |
|        | -9.8              | -11      | 69.90                     | 22.79 | 65.90 | 21.72 | 61.80 | 21.08 | 60.00 | 20.39 | 57.90 | 19.58 | 53.80 | 18.74 |
|        | -9.5              | -10      | 69.90                     | 22.50 | 65.90 | 21.47 | 61.80 | 20.97 | 60.00 | 20.28 | 57.90 | 19.48 | 53.80 | 18.65 |
|        | -8.5              | -9.1     | 69.90                     | 21.89 | 65.90 | 21.00 | 61.80 | 20.60 | 60.00 | 19.92 | 57.90 | 19.15 | 53.80 | 18.32 |
|        | -7                | -7.6     | 69.90                     | 21.10 | 65.90 | 20.45 | 61.80 | 20.05 | 60.00 | 19.37 | 57.90 | 18.63 | 53.80 | 17.82 |
|        | -5                | -5.6     | 69.90                     | 20.34 | 65.90 | 19.72 | 61.80 | 19.30 | 60.00 | 18.64 | 57.90 | 17.93 | 53.80 | 17.15 |
|        | -3                | -3.7     | 69.90                     | 19.58 | 65.90 | 18.98 | 61.80 | 18.56 | 60.00 | 17.91 | 57.90 | 17.24 | 53.80 | 16.48 |
|        | 0                 | -0.7     | 69.90                     | 18.43 | 65.90 | 17.89 | 61.80 | 17.46 | 60.00 | 16.81 | 57.90 | 16.20 | 53.80 | 15.49 |
|        | 3                 | 2.2      | 69.90                     | 17.29 | 65.90 | 16.78 | 61.80 | 16.34 | 60.00 | 15.70 | 57.90 | 15.16 | 53.80 | 14.48 |
|        | 5                 | 4.1      | 69.90                     | 16.53 | 65.90 | 16.05 | 61.80 | 15.60 | 60.00 | 14.97 | 57.90 | 14.46 | 53.80 | 13.82 |
|        | 7                 | 6        | 69.90                     | 15.77 | 65.90 | 15.31 | 61.80 | 14.86 | 60.00 | 14.25 | 57.90 | 13.77 | 53.80 | 13.15 |
|        | 9                 | 7.9      | 69.90                     | 14.81 | 65.90 | 14.38 | 61.80 | 13.95 | 60.00 | 13.37 | 57.90 | 12.93 | 53.80 | 12.35 |
|        | 11                | 9.8      | 69.90                     | 13.74 | 65.90 | 13.34 | 61.80 | 12.95 | 60.00 | 12.41 | 57.90 | 12.00 | 53.80 | 11.46 |
|        | 13                | 11.8     | 69.90                     | 12.83 | 65.90 | 12.45 | 61.80 | 12.09 | 60.00 | 11.59 | 57.90 | 11.20 | 53.80 | 10.70 |
|        | 15                | 13.7     | 69.90                     | 12.07 | 65.90 | 11.72 | 61.80 | 11.37 | 60.00 | 10.90 | 57.90 | 10.54 | 53.80 | 10.07 |
| 70     | -30               | -30.2    | 28.50                     | 23.82 | 28.50 | 23.97 | 28.30 | 24.27 | 28.30 | 27.59 | 28.30 | 26.26 | 27.80 | 25.06 |
|        | -24.8             | -25      | 47.50                     | 24.62 | 47.50 | 24.77 | 47.20 | 25.07 | 47.20 | 25.53 | 47.20 | 24.33 | 46.10 | 23.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 55.80                     | 25.08 | 55.80 | 25.23 | 52.70 | 24.23 | 50.90 | 23.09 | 49.30 | 22.02 | 46.10 | 21.00 |
|        | -19.8             | -20      | 59.30                     | 24.51 | 55.90 | 24.23 | 52.70 | 23.43 | 50.90 | 22.34 | 49.30 | 21.32 | 46.10 | 20.31 |
|        | -18.8             | -19      | 59.30                     | 24.24 | 55.90 | 23.83 | 52.70 | 23.04 | 50.90 | 21.96 | 49.30 | 20.96 | 46.10 | 19.97 |
|        | -16.7             | -17      | 59.30                     | 23.38 | 55.90 | 22.96 | 52.70 | 22.21 | 50.90 | 21.16 | 49.30 | 20.23 | 46.10 | 19.25 |
|        | -15               | -15.9    | 59.30                     | 22.78 | 55.90 | 22.35 | 52.70 | 21.61 | 50.90 | 20.60 | 49.30 | 19.70 | 46.10 | 18.74 |
|        | -13.7             | -15      | 59.30                     | 22.17 | 55.90 | 21.73 | 52.70 | 21.01 | 50.90 | 20.04 | 49.30 | 19.16 | 46.10 | 18.22 |
|        | -11.8             | -13      | 59.30                     | 21.40 | 55.90 | 20.96 | 52.70 | 20.26 | 50.90 | 19.31 | 49.30 | 18.49 | 46.10 | 17.58 |
|        | -9.8              | -11      | 59.30                     | 20.59 | 55.90 | 20.13 | 52.70 | 19.47 | 50.90 | 18.56 | 49.30 | 17.79 | 46.10 | 16.89 |
|        | -9.5              | -10      | 59.30                     | 20.47 | 55.90 | 20.00 | 52.70 | 19.35 | 50.90 | 18.44 | 49.30 | 17.68 | 46.10 | 16.79 |
|        | -8.5              | -9.1     | 59.30                     | 20.07 | 55.90 | 19.60 | 52.70 | 18.95 | 50.90 | 18.06 | 49.30 | 17.32 | 46.10 | 16.44 |
|        | -7                | -7.6     | 59.30                     | 19.45 | 55.90 | 18.98 | 52.70 | 18.36 | 50.90 | 17.50 | 49.30 | 16.79 | 46.10 | 15.93 |
|        | -5                | -5.6     | 59.30                     | 18.64 | 55.90 | 18.16 | 52.70 | 17.55 | 50.90 | 16.74 | 49.30 | 16.08 | 46.10 | 15.24 |
|        | -3                | -3.7     | 59.30                     | 17.83 | 55.90 | 17.33 | 52.70 | 16.75 | 50.90 | 15.98 | 49.30 | 15.37 | 46.10 | 14.55 |
|        | 0                 | -0.7     | 59.30                     | 16.61 | 55.90 | 16.09 | 52.70 | 15.56 | 50.90 | 14.84 | 49.30 | 14.31 | 46.10 | 13.52 |
|        | 3                 | 2.2      | 59.30                     | 15.39 | 55.90 | 14.86 | 52.70 | 14.36 | 50.90 | 13.71 | 49.30 | 13.24 | 46.10 | 12.49 |
|        | 5                 | 4.1      | 59.30                     | 14.57 | 55.90 | 14.03 | 52.70 | 13.57 | 50.90 | 12.95 | 49.30 | 12.53 | 46.10 | 11.80 |
|        | 7                 | 6        | 59.30                     | 13.76 | 55.90 | 13.21 | 52.70 | 12.76 | 50.90 | 12.19 | 49.30 | 11.82 | 46.10 | 11.11 |
|        | 9                 | 7.9      | 59.30                     | 12.43 | 55.90 | 11.92 | 52.70 | 11.53 | 50.90 | 11.01 | 49.30 | 10.68 | 46.10 | 10.03 |
|        | 11                | 9.8      | 59.30                     | 11.57 | 55.90 | 11.10 | 52.70 | 10.73 | 50.90 | 10.25 | 49.30 | 9.94  | 46.10 | 9.34  |
|        | 13                | 11.8     | 59.30                     | 10.82 | 55.90 | 10.39 | 52.70 | 10.04 | 50.90 | 9.59  | 49.30 | 9.30  | 46.10 | 8.75  |
|        | 15                | 13.7     | 59.30                     | 10.21 | 55.90 | 9.79  | 52.70 | 9.47  | 50.90 | 9.03  | 49.30 | 8.77  | 46.10 | 8.24  |
| 60     | -30               | -30.2    | 28.50                     | 23.57 | 28.50 | 23.87 | 28.30 | 27.35 | 27.60 | 25.91 | 26.60 | 24.59 | 25.00 | 23.38 |
|        | -24.8             | -25      | 47.50                     | 24.37 | 47.50 | 24.67 | 45.20 | 24.06 | 43.60 | 22.62 | 42.10 | 21.48 | 39.50 | 20.40 |
|        | -21.8             | -22      | 50.90                     | 24.69 | 48.10 | 23.85 | 45.20 | 22.62 | 43.60 | 21.48 | 42.10 | 20.40 | 39.50 | 19.36 |
|        | -19.8             | -20      | 50.90                     | 23.85 | 48.10 | 22.99 | 45.20 | 21.81 | 43.60 | 20.72 | 42.10 | 19.69 | 39.50 | 18.67 |
|        | -18.8             | -19      | 50.90                     | 23.42 | 48.10 | 22.56 | 45.20 | 21.41 | 43.60 | 20.34 | 42.10 | 19.33 | 39.50 | 18.32 |
|        | -16.7             | -17      | 50.90                     | 22.51 | 48.10 | 21.66 | 45.20 | 20.56 | 43.60 | 19.54 | 42.10 | 18.58 | 39.50 | 17.59 |
|        | -15               | -15.9    | 50.90                     | 21.86 | 48.10 | 21.02 | 45.20 | 19.95 | 43.60 | 18.97 | 42.10 | 18.04 | 39.50 | 17.08 |
|        | -13.7             | -15      | 50.90                     | 21.21 | 48.10 | 20.38 | 45.20 | 19.35 | 43.60 | 18.40 | 42.10 | 17.51 | 39.50 | 16.56 |
|        | -11.8             | -13      | 50.90                     | 20.39 | 48.10 | 19.56 | 45.20 | 18.57 | 43.60 | 17.67 | 42.10 | 16.83 | 39.50 | 15.90 |
|        | -9.8              | -11      | 50.90                     | 19.53 | 48.10 | 18.70 | 45.20 | 17.76 | 43.60 | 16.92 | 42.10 | 16.11 | 39.50 | 15.21 |
|        | -9.5              | -10      | 50.90                     | 19.40 | 48.10 | 18.57 | 45.20 | 17.64 | 43.60 | 16.80 | 42.10 | 16.00 | 39.50 | 15.10 |
|        | -8.5              | -9.1     | 50.90                     | 18.97 | 48.10 | 18.14 | 45.20 | 17.24 | 43.60 | 16.42 | 42.10 | 15.64 | 39.50 | 14.75 |
|        | -7                | -7.6     | 50.90                     | 18.32 | 48.10 | 17.50 | 45.20 | 16.63 | 43.60 | 15.85 | 42.10 | 15.11 | 39.50 | 14.23 |
|        | -5                | -5.6     | 50.90                     | 17.44 | 48.10 | 16.63 | 45.20 | 15.81 | 43.60 | 15.09 | 42.10 | 14.39 | 39.50 | 13.54 |
|        | -3                | -3.7     | 50.90                     | 16.58 | 48.10 | 15.77 | 45.20 | 14.99 | 43.60 | 14.32 | 42.10 | 13.67 | 39.50 | 12.84 |
|        | 0                 | -0.7     | 50.90                     | 15.27 | 48.10 | 14.48 | 45.20 | 13.78 | 43.60 | 13.17 | 42.10 | 12.58 | 39.50 | 11.80 |
|        | 3                 | 2.2      | 50.90                     | 13.96 | 48.10 | 13.18 | 45.20 | 12.55 | 43.60 | 12.03 | 42.10 | 11.51 | 39.50 | 10.75 |
|        | 5                 | 4.1      | 50.90                     | 13.10 | 48.10 | 12.32 | 45.20 | 11.74 | 43.60 | 11.27 | 42.10 | 10.79 | 39.50 | 10.06 |
|        | 7                 | 6        | 50.90                     | 12.23 | 48.10 | 11.45 | 45.20 | 10.93 | 43.60 | 10.49 | 42.10 | 10.07 | 39.50 | 9.36  |
|        | 9                 | 7.9      | 50.90                     | 10.92 | 48.10 | 10.23 | 45.20 | 9.74  | 43.60 | 9.36  | 42.10 | 8.98  | 39.50 | 8.35  |
|        | 11                | 9.8      | 50.90                     | 10.18 | 48.10 | 9.55  | 45.20 | 9.10  | 43.60 | 8.74  | 42.10 | 8.39  | 39.50 | 7.80  |
|        | 13                | 11.8     | 50.90                     | 9.55  | 48.10 | 8.94  | 45.20 | 8.53  | 43.60 | 8.19  | 42.10 | 7.86  | 39.50 | 7.31  |
|        | 15                | 13.7     | 50.90                     | 9.02  | 48.10 | 8.45  | 45.20 | 8.05  | 43.60 | 7.74  | 42.10 | 7.42  | 39.50 | 6.91  |
| 50     | -30               | -30.2    | 26.80                     | 20.53 | 25.30 | 23.75 | 23.80 | 22.48 | 23.00 | 21.32 | 22.30 | 20.18 | 20.70 | 19.19 |
|        | -24.8             | -25      | 42.40                     | 20.24 | 40.00 | 20.67 | 37.60 | 19.59 | 36.40 | 18.58 | 35.20 | 17.63 | 32.70 | 16.74 |
|        | -21.8             | -22      | 42.40                     | 20.68 | 40.00 | 19.60 | 37.60 | 18.59 | 36.40 | 17.63 | 35.20 | 16.74 | 32.70 | 15.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 42.40                     | 19.93 | 40.00 | 18.88 | 37.60 | 17.92 | 36.40 | 16.99 | 35.20 | 16.15 | 32.70 | 15.31 |
|        | -18.8             | -19      | 42.40                     | 19.55 | 40.00 | 18.52 | 37.60 | 17.58 | 36.40 | 16.69 | 35.20 | 15.85 | 32.70 | 15.03 |
|        | -16.7             | -17      | 42.40                     | 18.77 | 40.00 | 17.77 | 37.60 | 16.89 | 36.40 | 16.02 | 35.20 | 15.24 | 32.70 | 14.43 |
|        | -15               | -15.9    | 42.40                     | 18.21 | 40.00 | 17.23 | 37.60 | 16.38 | 36.40 | 15.54 | 35.20 | 14.80 | 32.70 | 14.01 |
|        | -13.7             | -15      | 42.40                     | 17.65 | 40.00 | 16.70 | 37.60 | 15.88 | 36.40 | 15.07 | 35.20 | 14.35 | 32.70 | 13.58 |
|        | -11.8             | -13      | 42.40                     | 16.95 | 40.00 | 16.02 | 37.60 | 15.24 | 36.40 | 14.46 | 35.20 | 13.79 | 32.70 | 13.04 |
|        | -9.8              | -11      | 42.40                     | 16.20 | 40.00 | 15.30 | 37.60 | 14.57 | 36.40 | 13.82 | 35.20 | 13.19 | 32.70 | 12.46 |
|        | -9.5              | -10      | 42.40                     | 16.08 | 40.00 | 15.20 | 37.60 | 14.47 | 36.40 | 13.73 | 35.20 | 13.11 | 32.70 | 12.38 |
|        | -8.5              | -9.1     | 42.40                     | 15.70 | 40.00 | 14.84 | 37.60 | 14.13 | 36.40 | 13.41 | 35.20 | 12.81 | 32.70 | 12.09 |
|        | -7                | -7.6     | 42.40                     | 15.15 | 40.00 | 14.30 | 37.60 | 13.63 | 36.40 | 12.94 | 35.20 | 12.37 | 32.70 | 11.67 |
|        | -5                | -5.6     | 42.40                     | 14.39 | 40.00 | 13.58 | 37.60 | 12.96 | 36.40 | 12.30 | 35.20 | 11.77 | 32.70 | 11.09 |
|        | -3                | -3.7     | 42.40                     | 13.64 | 40.00 | 12.86 | 37.60 | 12.28 | 36.40 | 11.66 | 35.20 | 11.18 | 32.70 | 10.53 |
|        | 0                 | -0.7     | 42.40                     | 12.52 | 40.00 | 11.77 | 37.60 | 11.27 | 36.40 | 10.70 | 35.20 | 10.29 | 32.70 | 9.66  |
|        | 3                 | 2.2      | 42.40                     | 11.39 | 40.00 | 10.70 | 37.60 | 10.27 | 36.40 | 9.74  | 35.20 | 9.40  | 32.70 | 8.80  |
|        | 5                 | 4.1      | 42.40                     | 10.64 | 40.00 | 9.98  | 37.60 | 9.59  | 36.40 | 9.11  | 35.20 | 8.80  | 32.70 | 8.23  |
|        | 7                 | 6        | 42.40                     | 9.89  | 40.00 | 9.26  | 37.60 | 8.92  | 36.40 | 8.47  | 35.20 | 8.20  | 32.70 | 7.66  |
|        | 9                 | 7.9      | 42.40                     | 8.93  | 40.00 | 8.36  | 37.60 | 8.05  | 36.40 | 7.65  | 35.20 | 7.41  | 32.70 | 6.91  |
|        | 11                | 9.8      | 42.40                     | 8.35  | 40.00 | 7.82  | 37.60 | 7.53  | 36.40 | 7.16  | 35.20 | 6.93  | 32.70 | 6.47  |
|        | 13                | 11.8     | 42.40                     | 7.84  | 40.00 | 7.35  | 37.60 | 7.07  | 36.40 | 6.72  | 35.20 | 6.51  | 32.70 | 6.08  |
|        | 15                | 13.7     | 42.40                     | 7.42  | 40.00 | 6.94  | 37.60 | 6.70  | 36.40 | 6.36  | 35.20 | 6.16  | 32.70 | 5.75  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM260LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 32.50                     | 30.89 | 32.50 | 31.14 | 32.30 | 31.34 | 32.30 | 31.71 | 32.30 | 32.01 | 31.60 | 32.53 |
|        | -24.8             | -25      | 54.10                     | 32.09 | 54.10 | 32.35 | 53.80 | 32.57 | 53.80 | 32.92 | 53.80 | 33.24 | 52.70 | 33.77 |
|        | -21.8             | -22      | 65.70                     | 32.80 | 65.70 | 33.06 | 65.30 | 33.29 | 65.30 | 33.63 | 65.30 | 33.97 | 64.10 | 34.50 |
|        | -19.8             | -20      | 69.30                     | 33.27 | 69.30 | 33.54 | 68.90 | 33.77 | 68.90 | 34.11 | 68.90 | 34.45 | 67.60 | 34.98 |
|        | -18.8             | -19      | 70.80                     | 33.52 | 70.80 | 33.78 | 70.40 | 34.01 | 70.40 | 34.37 | 70.40 | 34.70 | 69.10 | 35.22 |
|        | -16.7             | -17      | 74.00                     | 34.02 | 74.00 | 34.30 | 73.50 | 34.52 | 73.50 | 34.87 | 73.50 | 35.20 | 72.10 | 35.74 |
|        | -15               | -15.9    | 76.20                     | 34.40 | 76.20 | 34.67 | 75.80 | 34.90 | 75.80 | 35.25 | 75.80 | 35.59 | 74.30 | 35.20 |
|        | -13.7             | -15      | 78.50                     | 34.76 | 78.50 | 35.03 | 78.00 | 35.26 | 78.00 | 35.61 | 78.00 | 35.95 | 76.50 | 34.64 |
|        | -11.8             | -13      | 81.10                     | 35.23 | 81.10 | 35.50 | 80.60 | 35.72 | 80.60 | 36.09 | 80.60 | 35.21 | 79.30 | 33.94 |
|        | -9.8              | -11      | 83.70                     | 35.73 | 83.70 | 35.99 | 83.30 | 36.23 | 83.30 | 35.30 | 83.30 | 34.41 | 82.20 | 33.20 |
|        | -9.5              | -10      | 84.20                     | 35.80 | 84.20 | 36.08 | 83.70 | 36.11 | 83.70 | 35.18 | 83.60 | 34.30 | 82.70 | 33.08 |
|        | -8.5              | -9.1     | 85.80                     | 36.06 | 85.80 | 36.33 | 85.40 | 35.71 | 85.40 | 34.78 | 85.00 | 33.91 | 84.10 | 32.72 |
|        | -7                | -7.6     | 88.30                     | 36.44 | 88.30 | 35.74 | 87.70 | 35.10 | 87.70 | 34.18 | 87.70 | 33.30 | 86.30 | 32.15 |
|        | -5                | -5.6     | 91.50                     | 35.55 | 91.50 | 34.81 | 90.90 | 34.14 | 90.90 | 33.24 | 90.90 | 32.38 | 89.20 | 31.27 |
|        | -3                | -3.7     | 94.80                     | 34.67 | 94.80 | 33.90 | 94.20 | 33.19 | 94.20 | 32.30 | 94.20 | 31.44 | 92.10 | 30.38 |
|        | 0                 | -0.7     | 99.60                     | 33.34 | 99.60 | 32.50 | 99.00 | 31.77 | 99.00 | 30.89 | 99.00 | 30.04 | 92.50 | 27.84 |
|        | 3                 | 2.2      | 104.5                     | 32.02 | 104.5 | 31.12 | 103.8 | 30.33 | 102.9 | 29.21 | 99.30 | 27.39 | 92.50 | 26.31 |
|        | 5                 | 4.1      | 105.8                     | 30.59 | 105.8 | 29.67 | 105.5 | 28.94 | 102.9 | 27.42 | 99.30 | 26.29 | 92.50 | 25.48 |
|        | 7                 | 6        | 105.8                     | 28.85 | 105.8 | 27.93 | 105.5 | 27.20 | 102.9 | 26.18 | 99.30 | 25.41 | 92.50 | 24.64 |
|        | 9                 | 7.9      | 105.8                     | 28.02 | 105.8 | 27.11 | 105.5 | 26.33 | 102.9 | 25.56 | 99.30 | 24.80 | 92.50 | 24.05 |
| 120    | 11                | 9.8      | 105.8                     | 27.58 | 105.8 | 26.69 | 105.5 | 25.92 | 102.9 | 25.16 | 99.30 | 24.41 | 92.50 | 23.68 |
|        | 13                | 11.8     | 105.8                     | 27.11 | 105.8 | 26.23 | 105.5 | 25.47 | 102.9 | 24.73 | 99.30 | 23.99 | 92.50 | 23.27 |
|        | 15                | 13.7     | 105.8                     | 26.59 | 105.8 | 25.74 | 105.5 | 24.99 | 102.9 | 24.26 | 99.30 | 23.53 | 92.50 | 22.84 |
|        | -30               | -30.2    | 32.20                     | 31.14 | 32.20 | 31.34 | 32.00 | 31.71 | 32.00 | 32.01 | 32.00 | 32.53 | 31.40 | 32.91 |
|        | -24.8             | -25      | 53.70                     | 32.35 | 53.70 | 32.57 | 53.30 | 32.92 | 53.30 | 33.24 | 53.30 | 33.77 | 52.40 | 34.14 |
|        | -21.8             | -22      | 65.30                     | 33.06 | 65.30 | 33.29 | 64.80 | 33.63 | 64.80 | 33.97 | 64.80 | 34.50 | 63.60 | 34.85 |
|        | -19.8             | -20      | 68.90                     | 33.54 | 68.90 | 33.77 | 68.40 | 34.11 | 68.40 | 34.45 | 68.40 | 34.98 | 67.10 | 35.35 |
|        | -18.8             | -19      | 70.40                     | 33.78 | 70.40 | 34.01 | 69.90 | 34.37 | 69.90 | 34.70 | 69.90 | 35.22 | 68.50 | 35.59 |
|        | -16.7             | -17      | 73.50                     | 34.30 | 73.50 | 34.52 | 73.10 | 34.87 | 73.10 | 35.20 | 73.10 | 35.74 | 71.70 | 34.91 |
|        | -15               | -15.9    | 75.70                     | 34.67 | 75.70 | 34.90 | 75.30 | 35.25 | 75.30 | 35.59 | 75.30 | 35.24 | 73.80 | 34.42 |
|        | -13.7             | -15      | 77.90                     | 35.03 | 77.90 | 35.26 | 77.50 | 35.61 | 77.50 | 35.95 | 77.50 | 34.70 | 76.00 | 33.91 |
|        | -11.8             | -13      | 80.50                     | 35.50 | 80.50 | 35.72 | 80.00 | 36.09 | 80.00 | 35.20 | 80.00 | 34.04 | 78.70 | 33.27 |
|        | -9.8              | -11      | 83.20                     | 35.99 | 83.20 | 36.23 | 82.70 | 35.25 | 82.70 | 34.40 | 82.70 | 33.33 | 81.60 | 32.60 |
|        | -9.5              | -10      | 83.60                     | 36.08 | 83.60 | 36.10 | 83.20 | 35.13 | 83.20 | 34.28 | 83.20 | 33.22 | 82.10 | 32.49 |
|        | -8.5              | -9.1     | 85.20                     | 36.33 | 85.20 | 35.66 | 84.70 | 34.71 | 84.70 | 33.88 | 84.70 | 32.87 | 83.50 | 32.15 |
|        | -7                | -7.6     | 87.70                     | 35.66 | 87.70 | 34.99 | 87.10 | 34.08 | 87.10 | 33.28 | 87.10 | 32.34 | 85.70 | 31.64 |
|        | -5                | -5.6     | 90.90                     | 34.65 | 90.90 | 33.95 | 90.40 | 33.10 | 90.40 | 32.34 | 90.40 | 31.50 | 86.80 | 30.21 |
|        | -3                | -3.7     | 94.10                     | 33.63 | 94.10 | 32.92 | 93.50 | 32.11 | 93.50 | 31.40 | 93.40 | 30.64 | 86.80 | 28.48 |
|        | 0                 | -0.7     | 99.00                     | 32.10 | 99.00 | 31.37 | 98.30 | 30.64 | 96.40 | 29.42 | 93.40 | 27.96 | 86.80 | 27.34 |
|        | 3                 | 2.2      | 103.7                     | 30.57 | 103.7 | 29.83 | 99.70 | 28.20 | 96.40 | 27.11 | 93.40 | 26.69 | 86.80 | 26.18 |
|        | 5                 | 4.1      | 105.0                     | 29.01 | 103.9 | 27.97 | 99.70 | 26.75 | 96.40 | 26.22 | 93.40 | 25.88 | 86.80 | 25.41 |
|        | 7                 | 6        | 105.0                     | 27.19 | 103.9 | 26.34 | 99.70 | 25.82 | 96.40 | 25.33 | 93.40 | 25.09 | 86.80 | 24.64 |
|        | 9                 | 7.9      | 105.0                     | 26.35 | 103.9 | 25.64 | 99.70 | 25.13 | 96.40 | 24.65 | 93.40 | 24.42 | 86.80 | 23.99 |
|        | 11                | 9.8      | 105.0                     | 25.87 | 103.9 | 25.17 | 99.70 | 24.68 | 96.40 | 24.21 | 93.40 | 23.98 | 86.80 | 23.55 |
|        | 13                | 11.8     | 105.0                     | 25.35 | 103.9 | 24.66 | 99.70 | 24.17 | 96.40 | 23.71 | 93.40 | 23.49 | 86.80 | 23.08 |
|        | 15                | 13.7     | 105.0                     | 24.79 | 103.9 | 24.11 | 99.70 | 23.64 | 96.40 | 23.18 | 93.40 | 22.97 | 86.80 | 22.56 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 32.10                     | 31.34 | 32.10 | 31.71 | 31.80 | 32.01 | 31.80 | 32.53 | 31.80 | 32.91 | 31.20 | 33.08 |
|        | -24.8             | -25      | 53.40                     | 32.57 | 53.40 | 32.92 | 53.10 | 33.24 | 53.10 | 33.77 | 53.10 | 34.14 | 52.00 | 34.31 |
|        | -21.8             | -22      | 64.90                     | 33.29 | 64.90 | 33.63 | 64.50 | 33.97 | 64.50 | 34.50 | 64.50 | 34.85 | 63.30 | 35.03 |
|        | -19.8             | -20      | 68.50                     | 33.77 | 68.50 | 34.11 | 68.10 | 34.45 | 68.10 | 34.98 | 68.10 | 35.35 | 66.80 | 35.52 |
|        | -18.8             | -19      | 69.90                     | 34.01 | 69.90 | 34.37 | 69.60 | 34.70 | 69.60 | 35.22 | 69.60 | 35.59 | 68.20 | 35.15 |
|        | -16.7             | -17      | 73.10                     | 34.52 | 73.10 | 34.87 | 72.60 | 35.20 | 72.60 | 35.74 | 72.60 | 34.83 | 71.20 | 34.36 |
|        | -15               | -15.9    | 75.30                     | 34.90 | 75.30 | 35.25 | 74.80 | 35.59 | 74.80 | 35.17 | 74.80 | 34.29 | 74.10 | 33.81 |
|        | -13.7             | -15      | 77.50                     | 35.26 | 77.50 | 35.61 | 77.00 | 35.95 | 77.00 | 34.56 | 77.00 | 33.72 | 77.00 | 33.22 |
|        | -11.8             | -13      | 80.00                     | 35.72 | 80.00 | 36.09 | 79.60 | 35.11 | 79.60 | 33.81 | 79.60 | 33.02 | 78.10 | 31.91 |
|        | -9.8              | -11      | 82.70                     | 36.23 | 82.70 | 35.12 | 82.20 | 34.21 | 82.20 | 33.03 | 82.20 | 32.28 | 78.10 | 30.35 |
|        | -9.5              | -10      | 83.20                     | 36.08 | 83.20 | 34.98 | 82.70 | 34.08 | 82.70 | 32.91 | 82.70 | 32.16 | 78.10 | 29.98 |
|        | -8.5              | -9.1     | 84.80                     | 35.54 | 84.80 | 34.49 | 84.30 | 33.63 | 84.30 | 32.51 | 83.60 | 31.53 | 78.10 | 29.61 |
|        | -7                | -7.6     | 87.20                     | 34.76 | 87.20 | 33.76 | 86.60 | 32.95 | 86.60 | 31.90 | 83.60 | 30.14 | 78.10 | 29.06 |
|        | -5                | -5.6     | 90.40                     | 33.56 | 90.40 | 32.64 | 89.50 | 31.81 | 86.60 | 29.88 | 83.60 | 28.79 | 78.10 | 28.19 |
|        | -3                | -3.7     | 93.60                     | 32.36 | 93.60 | 31.54 | 89.50 | 29.70 | 86.60 | 28.50 | 83.60 | 27.95 | 78.10 | 27.34 |
|        | 0                 | -0.7     | 98.40                     | 30.56 | 95.40 | 28.97 | 89.50 | 27.82 | 86.60 | 27.17 | 83.60 | 26.70 | 78.10 | 26.04 |
|        | 3                 | 2.2      | 100.9                     | 28.15 | 95.40 | 26.76 | 89.50 | 26.34 | 86.60 | 25.84 | 83.60 | 25.44 | 78.10 | 24.75 |
|        | 5                 | 4.1      | 100.9                     | 26.16 | 95.40 | 25.70 | 89.50 | 25.35 | 86.60 | 24.95 | 83.60 | 24.60 | 78.10 | 23.88 |
|        | 7                 | 6        | 100.9                     | 25.01 | 95.40 | 24.64 | 89.50 | 24.36 | 86.60 | 24.08 | 83.60 | 23.76 | 78.10 | 23.03 |
|        | 9                 | 7.9      | 100.9                     | 24.24 | 95.40 | 23.88 | 89.50 | 23.62 | 86.60 | 23.33 | 83.60 | 23.03 | 78.10 | 22.32 |
| 100    | 11                | 9.8      | 100.9                     | 23.69 | 95.40 | 23.33 | 89.50 | 23.06 | 86.60 | 22.79 | 83.60 | 22.50 | 78.10 | 21.80 |
|        | 13                | 11.8     | 100.9                     | 23.08 | 95.40 | 22.74 | 89.50 | 22.47 | 86.60 | 22.21 | 83.60 | 21.92 | 78.10 | 21.25 |
|        | 15                | 13.7     | 100.9                     | 22.44 | 95.40 | 22.10 | 89.50 | 21.85 | 86.60 | 21.58 | 83.60 | 21.31 | 78.10 | 20.66 |
|        | -30               | -30.2    | 31.90                     | 36.13 | 31.90 | 36.00 | 31.70 | 31.47 | 31.70 | 35.69 | 31.70 | 34.69 | 31.10 | 35.51 |
|        | -24.8             | -25      | 53.20                     | 36.16 | 53.20 | 36.02 | 52.80 | 33.61 | 52.80 | 35.71 | 52.80 | 35.57 | 51.80 | 35.51 |
|        | -21.8             | -22      | 64.70                     | 36.17 | 64.70 | 36.04 | 64.20 | 34.87 | 64.20 | 35.72 | 64.20 | 36.09 | 63.10 | 35.51 |
|        | -19.8             | -20      | 68.20                     | 36.18 | 68.20 | 36.05 | 67.80 | 35.68 | 67.80 | 35.72 | 67.80 | 35.76 | 66.40 | 35.52 |
|        | -18.8             | -19      | 69.70                     | 36.19 | 69.20 | 36.05 | 69.20 | 35.93 | 69.20 | 35.73 | 69.20 | 35.59 | 67.90 | 35.05 |
|        | -16.7             | -17      | 72.40                     | 36.20 | 72.40 | 36.06 | 72.40 | 36.45 | 71.90 | 35.74 | 71.90 | 34.61 | 70.50 | 34.03 |
|        | -15               | -15.9    | 74.70                     | 36.22 | 74.70 | 36.08 | 74.50 | 36.22 | 74.30 | 35.04 | 74.30 | 33.91 | 71.40 | 32.65 |
|        | -13.7             | -15      | 77.10                     | 36.21 | 77.10 | 36.08 | 76.70 | 35.95 | 76.70 | 34.30 | 76.60 | 33.16 | 71.40 | 30.91 |
|        | -11.8             | -13      | 79.70                     | 36.21 | 79.20 | 36.09 | 79.20 | 34.98 | 79.20 | 33.39 | 76.60 | 31.20 | 71.40 | 30.02 |
|        | -9.8              | -11      | 82.20                     | 36.23 | 82.20 | 35.00 | 81.90 | 33.96 | 79.20 | 31.36 | 76.60 | 29.70 | 71.40 | 29.08 |
|        | -9.5              | -10      | 82.70                     | 36.05 | 82.70 | 34.83 | 81.90 | 33.61 | 79.20 | 31.05 | 76.60 | 29.56 | 71.40 | 28.94 |
|        | -8.5              | -9.1     | 84.30                     | 35.48 | 84.30 | 34.28 | 81.90 | 32.45 | 79.20 | 30.15 | 76.60 | 29.10 | 71.40 | 28.47 |
|        | -7                | -7.6     | 88.20                     | 34.61 | 87.20 | 33.20 | 81.90 | 30.84 | 79.20 | 29.44 | 76.60 | 28.41 | 71.40 | 27.75 |
|        | -5                | -5.6     | 92.00                     | 33.31 | 87.20 | 30.82 | 81.90 | 29.73 | 79.20 | 28.38 | 76.60 | 27.36 | 71.40 | 26.69 |
|        | -3                | -3.7     | 92.30                     | 31.24 | 87.20 | 29.37 | 81.90 | 28.61 | 79.20 | 27.34 | 76.60 | 26.33 | 71.40 | 25.62 |
|        | 0                 | -0.7     | 92.30                     | 28.53 | 87.20 | 27.60 | 81.90 | 26.95 | 79.20 | 25.75 | 76.60 | 24.75 | 71.40 | 24.03 |
| 90     | 3                 | 2.2      | 92.30                     | 26.69 | 87.20 | 25.82 | 81.90 | 25.28 | 79.20 | 24.17 | 76.60 | 23.18 | 71.40 | 22.43 |
|        | 5                 | 4.1      | 92.30                     | 25.45 | 87.20 | 24.64 | 81.90 | 24.16 | 79.20 | 23.11 | 76.60 | 22.15 | 71.40 | 21.35 |
|        | 7                 | 6        | 92.30                     | 24.22 | 87.20 | 23.46 | 81.90 | 23.05 | 79.20 | 22.05 | 76.60 | 21.10 | 71.40 | 20.30 |
|        | 9                 | 7.9      | 92.30                     | 23.38 | 87.20 | 22.64 | 81.90 | 22.25 | 79.20 | 21.28 | 76.60 | 20.36 | 71.40 | 19.59 |
|        | 11                | 9.8      | 92.30                     | 22.73 | 87.20 | 22.00 | 81.90 | 21.63 | 79.20 | 20.69 | 76.60 | 19.79 | 71.40 | 19.04 |
|        | 13                | 11.8     | 92.30                     | 22.03 | 87.20 | 21.34 | 81.90 | 20.97 | 79.20 | 20.05 | 76.60 | 19.19 | 71.40 | 18.45 |
|        | 15                | 13.7     | 92.30                     | 21.29 | 87.20 | 20.62 | 81.90 | 20.27 | 79.20 | 19.39 | 76.60 | 18.55 | 71.40 | 17.84 |
|        | -30               | -30.2    | 31.80                     | 30.89 | 31.80 | 31.43 | 31.60 | 31.79 | 31.60 | 31.96 | 31.60 | 32.28 | 31.00 | 36.19 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 53.00                     | 32.11 | 53.00 | 32.64 | 52.60 | 33.01 | 52.60 | 33.18 | 52.60 | 33.52 | 51.70 | 34.05 |
|        | -21.8             | -22      | 64.30                     | 32.83 | 64.30 | 33.35 | 64.00 | 33.72 | 64.00 | 33.89 | 64.00 | 34.25 | 62.70 | 32.79 |
|        | -19.8             | -20      | 67.90                     | 33.31 | 67.90 | 33.84 | 67.50 | 34.21 | 67.50 | 34.38 | 67.50 | 33.39 | 65.20 | 31.49 |
|        | -18.8             | -19      | 69.70                     | 33.55 | 69.20 | 34.08 | 69.00 | 34.45 | 69.00 | 33.94 | 69.00 | 32.96 | 65.20 | 30.44 |
|        | -16.7             | -17      | 72.40                     | 34.06 | 72.40 | 34.59 | 72.00 | 33.54 | 72.00 | 33.00 | 70.30 | 31.30 | 65.20 | 29.08 |
|        | -15               | -15.9    | 74.70                     | 34.44 | 74.70 | 33.92 | 74.20 | 32.89 | 72.60 | 31.65 | 70.30 | 30.23 | 65.20 | 28.48 |
|        | -13.7             | -15      | 77.10                     | 34.80 | 77.10 | 33.22 | 74.90 | 31.59 | 72.60 | 30.08 | 70.30 | 29.17 | 65.20 | 27.85 |
|        | -11.8             | -13      | 79.70                     | 33.85 | 79.20 | 32.34 | 74.90 | 29.81 | 72.60 | 29.22 | 70.30 | 28.37 | 65.20 | 27.07 |
|        | -9.8              | -11      | 82.20                     | 32.84 | 79.60 | 30.39 | 74.90 | 28.92 | 72.60 | 28.35 | 70.30 | 27.53 | 65.20 | 26.24 |
|        | -9.5              | -10      | 82.70                     | 32.68 | 79.60 | 30.09 | 74.90 | 28.79 | 72.60 | 28.21 | 70.30 | 27.40 | 65.20 | 26.12 |
|        | -8.5              | -9.1     | 84.30                     | 32.17 | 79.60 | 29.27 | 74.90 | 28.37 | 72.60 | 27.78 | 70.30 | 26.97 | 65.20 | 25.70 |
|        | -7                | -7.6     | 84.50                     | 30.12 | 79.60 | 28.56 | 74.90 | 27.72 | 72.60 | 27.13 | 70.30 | 26.33 | 65.20 | 25.07 |
|        | -5                | -5.6     | 84.50                     | 28.72 | 79.60 | 27.55 | 74.90 | 26.74 | 72.60 | 26.13 | 70.30 | 25.37 | 65.20 | 24.13 |
|        | -3                | -3.7     | 84.50                     | 27.62 | 79.60 | 26.54 | 74.90 | 25.76 | 72.60 | 25.14 | 70.30 | 24.40 | 65.20 | 23.19 |
|        | 0                 | -0.7     | 84.50                     | 25.98 | 79.60 | 25.02 | 74.90 | 24.31 | 72.60 | 23.66 | 70.30 | 22.96 | 65.20 | 21.78 |
|        | 3                 | 2.2      | 84.50                     | 24.34 | 79.60 | 23.50 | 74.90 | 22.85 | 72.60 | 22.17 | 70.30 | 21.51 | 65.20 | 20.35 |
|        | 5                 | 4.1      | 84.50                     | 23.25 | 79.60 | 22.49 | 74.90 | 21.87 | 72.60 | 21.17 | 70.30 | 20.55 | 65.20 | 19.41 |
|        | 7                 | 6        | 84.50                     | 22.16 | 79.60 | 21.47 | 74.90 | 20.90 | 72.60 | 20.18 | 70.30 | 19.58 | 65.20 | 18.47 |
|        | 9                 | 7.9      | 84.50                     | 21.12 | 79.60 | 20.47 | 74.90 | 19.92 | 72.60 | 19.24 | 70.30 | 18.68 | 65.20 | 17.61 |
|        | 11                | 9.8      | 84.50                     | 20.09 | 79.60 | 19.47 | 74.90 | 18.96 | 72.60 | 18.30 | 70.30 | 17.76 | 65.20 | 16.75 |
|        | 13                | 11.8     | 84.50                     | 19.06 | 79.60 | 18.47 | 74.90 | 17.98 | 72.60 | 17.37 | 70.30 | 16.85 | 65.20 | 15.88 |
|        | 15                | 13.7     | 84.50                     | 18.03 | 79.60 | 17.47 | 74.90 | 17.00 | 72.60 | 16.43 | 70.30 | 15.93 | 65.20 | 15.03 |
| 80     | -30               | -30.2    | 31.60                     | 27.13 | 31.60 | 27.61 | 31.40 | 27.98 | 31.40 | 27.56 | 31.40 | 32.09 | 30.90 | 30.75 |
|        | -24.8             | -25      | 52.70                     | 28.29 | 52.70 | 28.81 | 52.40 | 29.18 | 52.40 | 29.35 | 52.40 | 30.22 | 51.40 | 28.96 |
|        | -21.8             | -22      | 63.80                     | 28.98 | 63.80 | 29.51 | 63.80 | 29.88 | 63.80 | 30.40 | 62.70 | 28.64 | 58.30 | 26.48 |
|        | -19.8             | -20      | 67.20                     | 29.45 | 67.20 | 29.97 | 67.00 | 30.41 | 65.00 | 28.63 | 62.70 | 26.93 | 58.30 | 25.79 |
|        | -18.8             | -19      | 68.60                     | 29.68 | 68.60 | 30.58 | 67.00 | 29.40 | 65.00 | 27.73 | 62.70 | 26.59 | 58.30 | 25.45 |
|        | -16.7             | -17      | 70.60                     | 30.70 | 70.60 | 29.76 | 67.00 | 27.78 | 65.00 | 26.94 | 62.70 | 25.83 | 58.30 | 24.74 |
|        | -15               | -15.9    | 72.20                     | 30.10 | 71.40 | 29.14 | 67.00 | 27.22 | 65.00 | 26.38 | 62.70 | 25.31 | 58.30 | 24.23 |
|        | -13.7             | -15      | 73.90                     | 29.47 | 71.40 | 28.18 | 67.00 | 26.64 | 65.00 | 25.79 | 62.70 | 24.76 | 58.30 | 23.70 |
|        | -11.8             | -13      | 75.70                     | 28.67 | 71.40 | 27.00 | 67.00 | 25.90 | 65.00 | 25.07 | 62.70 | 24.08 | 58.30 | 23.05 |
|        | -9.8              | -11      | 75.70                     | 27.07 | 71.40 | 25.84 | 67.00 | 25.12 | 65.00 | 24.30 | 62.70 | 23.34 | 58.30 | 22.34 |
|        | -9.5              | -10      | 75.70                     | 26.79 | 71.40 | 25.60 | 67.00 | 25.00 | 65.00 | 24.19 | 62.70 | 23.24 | 58.30 | 22.23 |
|        | -8.5              | -9.1     | 75.70                     | 26.11 | 71.40 | 25.09 | 67.00 | 24.61 | 65.00 | 23.79 | 62.70 | 22.86 | 58.30 | 21.88 |
|        | -7                | -7.6     | 75.70                     | 25.27 | 71.40 | 24.51 | 67.00 | 24.02 | 65.00 | 23.21 | 62.70 | 22.32 | 58.30 | 21.35 |
|        | -5                | -5.6     | 75.70                     | 24.37 | 71.40 | 23.63 | 67.00 | 23.13 | 65.00 | 22.33 | 62.70 | 21.49 | 58.30 | 20.54 |
|        | -3                | -3.7     | 75.70                     | 23.45 | 71.40 | 22.75 | 67.00 | 22.25 | 65.00 | 21.45 | 62.70 | 20.65 | 58.30 | 19.75 |
|        | 0                 | -0.7     | 75.70                     | 22.09 | 71.40 | 21.43 | 67.00 | 20.91 | 65.00 | 20.13 | 62.70 | 19.41 | 58.30 | 18.55 |
|        | 3                 | 2.2      | 75.70                     | 20.71 | 71.40 | 20.11 | 67.00 | 19.58 | 65.00 | 18.82 | 62.70 | 18.17 | 58.30 | 17.36 |
|        | 5                 | 4.1      | 75.70                     | 19.81 | 71.40 | 19.23 | 67.00 | 18.69 | 65.00 | 17.94 | 62.70 | 17.34 | 58.30 | 16.55 |
|        | 7                 | 6        | 75.70                     | 18.89 | 71.40 | 18.35 | 67.00 | 17.81 | 65.00 | 17.06 | 62.70 | 16.50 | 58.30 | 15.76 |
|        | 9                 | 7.9      | 75.70                     | 17.75 | 71.40 | 17.23 | 67.00 | 16.72 | 65.00 | 16.02 | 62.70 | 15.49 | 58.30 | 14.79 |
|        | 11                | 9.8      | 75.70                     | 16.47 | 71.40 | 15.98 | 67.00 | 15.51 | 65.00 | 14.87 | 62.70 | 14.38 | 58.30 | 13.73 |
|        | 13                | 11.8     | 75.70                     | 15.37 | 71.40 | 14.92 | 67.00 | 14.49 | 65.00 | 13.89 | 62.70 | 13.43 | 58.30 | 12.82 |
|        | 15                | 13.7     | 75.70                     | 14.46 | 71.40 | 14.04 | 67.00 | 13.63 | 65.00 | 13.07 | 62.70 | 12.64 | 58.30 | 12.06 |
| 70     | -30               | -30.2    | 31.60                     | 27.34 | 31.60 | 27.51 | 31.40 | 27.83 | 31.40 | 31.64 | 31.40 | 30.12 | 30.90 | 28.74 |
|        | -24.8             | -25      | 52.70                     | 28.51 | 52.70 | 28.68 | 52.40 | 29.02 | 52.40 | 29.55 | 52.40 | 28.16 | 49.90 | 26.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 60.50                     | 29.19 | 60.50 | 29.37 | 57.10 | 28.20 | 55.10 | 26.88 | 53.40 | 25.64 | 49.90 | 24.44 |
|        | -19.8             | -20      | 64.20                     | 29.04 | 60.60 | 28.32 | 57.10 | 27.37 | 55.10 | 26.09 | 53.40 | 24.91 | 49.90 | 23.72 |
|        | -18.8             | -19      | 64.20                     | 28.37 | 60.60 | 27.89 | 57.10 | 26.97 | 55.10 | 25.71 | 53.40 | 24.54 | 49.90 | 23.37 |
|        | -16.7             | -17      | 64.20                     | 27.48 | 60.60 | 26.98 | 57.10 | 26.10 | 55.10 | 24.88 | 53.40 | 23.76 | 49.90 | 22.63 |
|        | -15               | -15.9    | 64.20                     | 26.86 | 60.60 | 26.34 | 57.10 | 25.48 | 55.10 | 24.29 | 53.40 | 23.22 | 49.90 | 22.09 |
|        | -13.7             | -15      | 64.20                     | 26.20 | 60.60 | 25.68 | 57.10 | 24.83 | 55.10 | 23.68 | 53.40 | 22.65 | 49.90 | 21.53 |
|        | -11.8             | -13      | 64.20                     | 25.38 | 60.60 | 24.86 | 57.10 | 24.03 | 55.10 | 22.91 | 53.40 | 21.94 | 49.90 | 20.85 |
|        | -9.8              | -11      | 64.20                     | 24.51 | 60.60 | 23.97 | 57.10 | 23.18 | 55.10 | 22.10 | 53.40 | 21.17 | 49.90 | 20.10 |
|        | -9.5              | -10      | 64.20                     | 24.38 | 60.60 | 23.84 | 57.10 | 23.05 | 55.10 | 21.98 | 53.40 | 21.07 | 49.90 | 20.00 |
|        | -8.5              | -9.1     | 64.20                     | 23.95 | 60.60 | 23.40 | 57.10 | 22.61 | 55.10 | 21.56 | 53.40 | 20.67 | 49.90 | 19.63 |
|        | -7                | -7.6     | 64.20                     | 23.30 | 60.60 | 22.72 | 57.10 | 21.97 | 55.10 | 20.95 | 53.40 | 20.11 | 49.90 | 19.07 |
|        | -5                | -5.6     | 64.20                     | 22.32 | 60.60 | 21.74 | 57.10 | 21.01 | 55.10 | 20.04 | 53.40 | 19.25 | 49.90 | 18.25 |
|        | -3                | -3.7     | 64.20                     | 21.34 | 60.60 | 20.75 | 57.10 | 20.06 | 55.10 | 19.13 | 53.40 | 18.41 | 49.90 | 17.42 |
|        | 0                 | -0.7     | 64.20                     | 19.88 | 60.60 | 19.26 | 57.10 | 18.62 | 55.10 | 17.77 | 53.40 | 17.13 | 49.90 | 16.18 |
|        | 3                 | 2.2      | 64.20                     | 18.42 | 60.60 | 17.78 | 57.10 | 17.19 | 55.10 | 16.40 | 53.40 | 15.85 | 49.90 | 14.95 |
|        | 5                 | 4.1      | 64.20                     | 17.44 | 60.60 | 16.80 | 57.10 | 16.23 | 55.10 | 15.49 | 53.40 | 15.00 | 49.90 | 14.13 |
|        | 7                 | 6        | 64.20                     | 16.47 | 60.60 | 15.81 | 57.10 | 15.28 | 55.10 | 14.59 | 53.40 | 14.14 | 49.90 | 13.30 |
|        | 9                 | 7.9      | 64.20                     | 14.88 | 60.60 | 14.28 | 57.10 | 13.79 | 55.10 | 13.18 | 53.40 | 12.78 | 49.90 | 12.02 |
|        | 11                | 9.8      | 64.20                     | 13.85 | 60.60 | 13.30 | 57.10 | 12.85 | 55.10 | 12.27 | 53.40 | 11.90 | 49.90 | 11.18 |
|        | 13                | 11.8     | 64.20                     | 12.96 | 60.60 | 12.44 | 57.10 | 12.02 | 55.10 | 11.47 | 53.40 | 11.12 | 49.90 | 10.46 |
|        | 15                | 13.7     | 64.20                     | 12.21 | 60.60 | 11.73 | 57.10 | 11.33 | 55.10 | 10.82 | 53.40 | 10.49 | 49.90 | 9.87  |
| 60     | -30               | -30.2    | 31.10                     | 26.99 | 31.10 | 27.36 | 30.90 | 31.32 | 29.90 | 29.67 | 28.80 | 28.17 | 27.00 | 26.78 |
|        | -24.8             | -25      | 51.90                     | 28.18 | 51.90 | 28.54 | 48.90 | 27.57 | 47.30 | 26.16 | 45.60 | 24.84 | 42.80 | 23.59 |
|        | -21.8             | -22      | 55.10                     | 28.60 | 52.10 | 27.73 | 48.90 | 26.31 | 47.30 | 24.98 | 45.60 | 23.73 | 42.80 | 22.52 |
|        | -19.8             | -20      | 55.10                     | 27.84 | 52.10 | 26.84 | 48.90 | 25.47 | 47.30 | 24.19 | 45.60 | 22.98 | 42.80 | 21.79 |
|        | -18.8             | -19      | 55.10                     | 27.39 | 52.10 | 26.38 | 48.90 | 25.04 | 47.30 | 23.78 | 45.60 | 22.60 | 42.80 | 21.42 |
|        | -16.7             | -17      | 55.10                     | 26.43 | 52.10 | 25.42 | 48.90 | 24.14 | 47.30 | 22.95 | 45.60 | 21.81 | 42.80 | 20.66 |
|        | -15               | -15.9    | 55.10                     | 25.75 | 52.10 | 24.75 | 48.90 | 23.51 | 47.30 | 22.35 | 45.60 | 21.25 | 42.80 | 20.11 |
|        | -13.7             | -15      | 55.10                     | 25.05 | 52.10 | 24.05 | 48.90 | 22.84 | 47.30 | 21.72 | 45.60 | 20.67 | 42.80 | 19.55 |
|        | -11.8             | -13      | 55.10                     | 24.16 | 52.10 | 23.17 | 48.90 | 22.01 | 47.30 | 20.94 | 45.60 | 19.94 | 42.80 | 18.84 |
|        | -9.8              | -11      | 55.10                     | 23.23 | 52.10 | 22.24 | 48.90 | 21.12 | 47.30 | 20.13 | 45.60 | 19.16 | 42.80 | 18.09 |
|        | -9.5              | -10      | 55.10                     | 23.09 | 52.10 | 22.10 | 48.90 | 20.99 | 47.30 | 19.99 | 45.60 | 19.04 | 42.80 | 17.97 |
|        | -8.5              | -9.1     | 55.10                     | 22.61 | 52.10 | 21.64 | 48.90 | 20.55 | 47.30 | 19.59 | 45.60 | 18.66 | 42.80 | 17.60 |
|        | -7                | -7.6     | 55.10                     | 21.91 | 52.10 | 20.93 | 48.90 | 19.89 | 47.30 | 18.96 | 45.60 | 18.06 | 42.80 | 17.02 |
|        | -5                | -5.6     | 55.10                     | 20.87 | 52.10 | 19.89 | 48.90 | 18.91 | 47.30 | 18.04 | 45.60 | 17.20 | 42.80 | 16.19 |
|        | -3                | -3.7     | 55.10                     | 19.83 | 52.10 | 18.86 | 48.90 | 17.93 | 47.30 | 17.13 | 45.60 | 16.35 | 42.80 | 15.35 |
|        | 0                 | -0.7     | 55.10                     | 18.27 | 52.10 | 17.31 | 48.90 | 16.47 | 47.30 | 15.75 | 45.60 | 15.05 | 42.80 | 14.11 |
|        | 3                 | 2.2      | 55.10                     | 16.71 | 52.10 | 15.77 | 48.90 | 15.02 | 47.30 | 14.39 | 45.60 | 13.76 | 42.80 | 12.86 |
|        | 5                 | 4.1      | 55.10                     | 15.67 | 52.10 | 14.73 | 48.90 | 14.04 | 47.30 | 13.47 | 45.60 | 12.90 | 42.80 | 12.03 |
|        | 7                 | 6        | 55.10                     | 14.63 | 52.10 | 13.70 | 48.90 | 13.06 | 47.30 | 12.55 | 45.60 | 12.04 | 42.80 | 11.20 |
|        | 9                 | 7.9      | 55.10                     | 13.05 | 52.10 | 12.22 | 48.90 | 11.66 | 47.30 | 11.20 | 45.60 | 10.75 | 42.80 | 9.99  |
|        | 11                | 9.8      | 55.10                     | 12.19 | 52.10 | 11.41 | 48.90 | 10.88 | 47.30 | 10.46 | 45.60 | 10.03 | 42.80 | 9.33  |
|        | 13                | 11.8     | 55.10                     | 11.41 | 52.10 | 10.69 | 48.90 | 10.19 | 47.30 | 9.79  | 45.60 | 9.39  | 42.80 | 8.74  |
|        | 15                | 13.7     | 55.10                     | 10.78 | 52.10 | 10.11 | 48.90 | 9.64  | 47.30 | 9.26  | 45.60 | 8.89  | 42.80 | 8.26  |
| 50     | -30               | -30.2    | 29.10                     | 23.48 | 27.40 | 27.18 | 25.80 | 25.70 | 24.90 | 24.41 | 24.10 | 23.11 | 22.40 | 21.97 |
|        | -24.8             | -25      | 46.00                     | 23.38 | 43.30 | 23.88 | 40.80 | 22.63 | 39.50 | 21.47 | 38.10 | 20.37 | 35.50 | 19.34 |
|        | -21.8             | -22      | 46.00                     | 24.02 | 43.30 | 22.76 | 40.80 | 21.60 | 39.50 | 20.48 | 38.10 | 19.45 | 35.50 | 18.45 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 46.00                     | 23.24 | 43.30 | 22.02 | 40.80 | 20.90 | 39.50 | 19.82 | 38.10 | 18.83 | 35.50 | 17.86 |
|        | -18.8             | -19      | 46.00                     | 22.85 | 43.30 | 21.65 | 40.80 | 20.55 | 39.50 | 19.49 | 38.10 | 18.53 | 35.50 | 17.56 |
|        | -16.7             | -17      | 46.00                     | 22.02 | 43.30 | 20.85 | 40.80 | 19.80 | 39.50 | 18.79 | 38.10 | 17.87 | 35.50 | 16.93 |
|        | -15               | -15.9    | 46.00                     | 21.43 | 43.30 | 20.28 | 40.80 | 19.27 | 39.50 | 18.29 | 38.10 | 17.40 | 35.50 | 16.48 |
|        | -13.7             | -15      | 46.00                     | 20.83 | 43.30 | 19.69 | 40.80 | 18.73 | 39.50 | 17.77 | 38.10 | 16.92 | 35.50 | 16.01 |
|        | -11.8             | -13      | 46.00                     | 20.06 | 43.30 | 18.96 | 40.80 | 18.04 | 39.50 | 17.12 | 38.10 | 16.33 | 35.50 | 15.43 |
|        | -9.8              | -11      | 46.00                     | 19.24 | 43.30 | 18.19 | 40.80 | 17.32 | 39.50 | 16.43 | 38.10 | 15.68 | 35.50 | 14.82 |
|        | -9.5              | -10      | 46.00                     | 19.12 | 43.30 | 18.06 | 40.80 | 17.21 | 39.50 | 16.33 | 38.10 | 15.58 | 35.50 | 14.72 |
|        | -8.5              | -9.1     | 46.00                     | 18.72 | 43.30 | 17.68 | 40.80 | 16.83 | 39.50 | 15.98 | 38.10 | 15.26 | 35.50 | 14.41 |
|        | -7                | -7.6     | 46.00                     | 18.09 | 43.30 | 17.08 | 40.80 | 16.29 | 39.50 | 15.46 | 38.10 | 14.78 | 35.50 | 13.94 |
|        | -5                | -5.6     | 46.00                     | 17.20 | 43.30 | 16.22 | 40.80 | 15.48 | 39.50 | 14.69 | 38.10 | 14.06 | 35.50 | 13.25 |
|        | -3                | -3.7     | 46.00                     | 16.30 | 43.30 | 15.36 | 40.80 | 14.68 | 39.50 | 13.93 | 38.10 | 13.36 | 35.50 | 12.58 |
|        | 0                 | -0.7     | 46.00                     | 14.95 | 43.30 | 14.08 | 40.80 | 13.47 | 39.50 | 12.79 | 38.10 | 12.30 | 35.50 | 11.55 |
|        | 3                 | 2.2      | 46.00                     | 13.60 | 43.30 | 12.78 | 40.80 | 12.26 | 39.50 | 11.64 | 38.10 | 11.23 | 35.50 | 10.52 |
|        | 5                 | 4.1      | 46.00                     | 12.71 | 43.30 | 11.92 | 40.80 | 11.46 | 39.50 | 10.88 | 38.10 | 10.52 | 35.50 | 9.83  |
|        | 7                 | 6        | 46.00                     | 11.81 | 43.30 | 11.06 | 40.80 | 10.65 | 39.50 | 10.12 | 38.10 | 9.80  | 35.50 | 9.15  |
|        | 9                 | 7.9      | 46.00                     | 10.66 | 43.30 | 9.99  | 40.80 | 9.62  | 39.50 | 9.14  | 38.10 | 8.86  | 35.50 | 8.27  |
|        | 11                | 9.8      | 46.00                     | 9.99  | 43.30 | 9.34  | 40.80 | 9.01  | 39.50 | 8.55  | 38.10 | 8.29  | 35.50 | 7.73  |
|        | 13                | 11.8     | 46.00                     | 9.37  | 43.30 | 8.78  | 40.80 | 8.45  | 39.50 | 8.02  | 38.10 | 7.78  | 35.50 | 7.26  |
|        | 15                | 13.7     | 46.00                     | 8.87  | 43.30 | 8.30  | 40.80 | 8.00  | 39.50 | 7.60  | 38.10 | 7.36  | 35.50 | 6.86  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM280LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 34.50                     | 26.29 | 34.50 | 26.83 | 34.30 | 27.29 | 34.30 | 27.99 | 34.30 | 28.63 | 34.30 | 29.73 |
|        | -24.8             | -25      | 57.50                     | 27.99 | 57.50 | 28.52 | 57.20 | 28.98 | 57.20 | 29.68 | 57.20 | 30.34 | 57.10 | 31.39 |
|        | -21.8             | -22      | 69.50                     | 28.98 | 69.50 | 29.49 | 69.10 | 29.95 | 69.10 | 30.64 | 69.10 | 31.32 | 69.00 | 32.34 |
|        | -19.8             | -20      | 73.20                     | 29.61 | 73.20 | 30.14 | 72.80 | 30.59 | 72.80 | 31.28 | 72.80 | 31.94 | 72.70 | 32.98 |
|        | -18.8             | -19      | 75.10                     | 29.95 | 75.10 | 30.46 | 74.60 | 30.91 | 74.60 | 31.60 | 74.60 | 32.26 | 74.50 | 33.30 |
|        | -16.7             | -17      | 78.90                     | 30.61 | 78.90 | 31.13 | 78.40 | 31.59 | 78.40 | 32.26 | 78.40 | 32.92 | 78.20 | 33.96 |
|        | -15               | -15.9    | 81.70                     | 31.08 | 81.70 | 31.60 | 81.20 | 32.06 | 81.20 | 32.73 | 81.20 | 33.39 | 81.00 | 33.25 |
|        | -13.7             | -15      | 84.40                     | 31.56 | 84.40 | 32.08 | 83.80 | 32.54 | 83.80 | 33.21 | 83.80 | 33.87 | 83.60 | 32.55 |
|        | -11.8             | -13      | 87.20                     | 32.17 | 87.20 | 32.69 | 86.70 | 33.14 | 86.70 | 33.82 | 86.70 | 32.93 | 86.70 | 31.65 |
|        | -9.8              | -11      | 90.30                     | 32.80 | 90.30 | 33.31 | 89.60 | 33.76 | 89.60 | 32.81 | 89.60 | 31.93 | 89.60 | 30.72 |
|        | -9.5              | -10      | 91.10                     | 32.89 | 91.10 | 33.41 | 90.50 | 33.61 | 90.50 | 32.64 | 90.00 | 31.79 | 90.00 | 30.57 |
|        | -8.5              | -9.1     | 94.10                     | 33.22 | 94.10 | 33.72 | 93.60 | 33.09 | 93.60 | 32.15 | 91.60 | 31.27 | 91.60 | 30.10 |
|        | -7                | -7.6     | 98.80                     | 33.67 | 98.80 | 32.96 | 98.10 | 32.32 | 98.10 | 31.38 | 98.10 | 30.53 | 95.90 | 29.40 |
|        | -5                | -5.6     | 105.0                     | 32.74 | 105.0 | 31.99 | 104.2 | 31.32 | 104.2 | 30.43 | 104.0 | 29.54 | 99.10 | 28.43 |
|        | -3                | -3.7     | 110.3                     | 31.53 | 110.3 | 30.78 | 109.7 | 30.17 | 108.1 | 28.86 | 105.9 | 27.51 | 99.60 | 26.72 |
|        | 0                 | -0.7     | 113.0                     | 28.58 | 113.0 | 27.82 | 112.6 | 27.23 | 110.8 | 26.26 | 106.9 | 25.12 | 99.60 | 24.22 |
|        | 3                 | 2.2      | 114.0                     | 26.72 | 114.0 | 25.95 | 113.6 | 25.30 | 110.8 | 24.32 | 106.9 | 23.57 | 99.60 | 22.81 |
|        | 5                 | 4.1      | 114.0                     | 25.55 | 114.0 | 24.77 | 113.6 | 24.09 | 110.8 | 23.39 | 106.9 | 22.70 | 99.60 | 21.99 |
|        | 7                 | 6        | 114.0                     | 24.68 | 114.0 | 23.88 | 113.6 | 23.19 | 110.8 | 22.51 | 106.9 | 21.84 | 99.60 | 21.19 |
| 120    | 9                 | 7.9      | 114.0                     | 23.95 | 114.0 | 23.19 | 113.6 | 22.51 | 110.8 | 21.86 | 106.9 | 21.22 | 99.60 | 20.57 |
|        | 11                | 9.8      | 114.0                     | 23.44 | 114.0 | 22.67 | 113.6 | 22.02 | 110.8 | 21.38 | 106.9 | 20.75 | 99.60 | 20.12 |
|        | 13                | 11.8     | 114.0                     | 22.88 | 114.0 | 22.14 | 113.6 | 21.50 | 110.8 | 20.88 | 106.9 | 20.26 | 99.60 | 19.65 |
|        | 15                | 13.7     | 114.0                     | 22.30 | 114.0 | 21.57 | 113.6 | 20.94 | 110.8 | 20.34 | 106.9 | 19.73 | 99.60 | 19.14 |
|        | -30               | -30.2    | 34.30                     | 26.83 | 34.30 | 27.29 | 34.00 | 27.99 | 34.00 | 28.63 | 34.00 | 29.73 | 34.00 | 30.47 |
|        | -24.8             | -25      | 57.20                     | 28.52 | 57.20 | 28.98 | 56.80 | 29.68 | 56.80 | 30.34 | 56.80 | 31.39 | 56.70 | 32.12 |
|        | -21.8             | -22      | 69.10                     | 29.49 | 69.10 | 29.95 | 68.70 | 30.64 | 68.70 | 31.32 | 68.70 | 32.34 | 68.60 | 33.07 |
|        | -19.8             | -20      | 72.80                     | 30.14 | 72.80 | 30.59 | 72.20 | 31.28 | 72.20 | 31.94 | 72.20 | 32.98 | 72.10 | 33.71 |
|        | -18.8             | -19      | 74.50                     | 30.46 | 74.50 | 30.91 | 74.00 | 31.60 | 74.00 | 32.26 | 74.00 | 33.30 | 73.90 | 34.02 |
|        | -16.7             | -17      | 78.30                     | 31.13 | 78.30 | 31.59 | 77.90 | 32.26 | 77.90 | 32.92 | 77.90 | 33.96 | 77.70 | 33.11 |
|        | -15               | -15.9    | 81.00                     | 31.60 | 81.00 | 32.06 | 80.50 | 32.73 | 80.50 | 33.39 | 80.50 | 33.27 | 80.30 | 32.46 |
|        | -13.7             | -15      | 83.70                     | 32.08 | 83.70 | 32.54 | 83.20 | 33.21 | 83.20 | 33.87 | 83.20 | 32.60 | 83.10 | 31.80 |
|        | -11.8             | -13      | 86.60                     | 32.69 | 86.60 | 33.14 | 86.00 | 33.82 | 86.00 | 32.91 | 86.00 | 31.73 | 86.00 | 30.97 |
|        | -9.8              | -11      | 89.50                     | 33.31 | 89.50 | 33.76 | 88.90 | 32.77 | 88.90 | 31.91 | 88.90 | 30.83 | 88.90 | 30.11 |
|        | -9.5              | -10      | 90.50                     | 33.41 | 90.50 | 33.59 | 89.90 | 32.61 | 89.90 | 31.77 | 89.90 | 30.70 | 89.90 | 29.97 |
|        | -8.5              | -9.1     | 93.60                     | 33.72 | 93.60 | 33.04 | 92.90 | 32.08 | 92.90 | 31.25 | 92.40 | 30.25 | 92.40 | 29.54 |
|        | -7                | -7.6     | 98.10                     | 32.89 | 98.10 | 32.20 | 97.60 | 31.30 | 97.60 | 30.51 | 95.20 | 29.57 | 93.50 | 28.41 |
|        | -5                | -5.6     | 104.2                     | 31.85 | 104.2 | 31.15 | 103.5 | 30.31 | 102.0 | 29.14 | 100.1 | 27.79 | 93.50 | 26.59 |
|        | -3                | -3.7     | 109.4                     | 30.55 | 108.7 | 29.68 | 105.9 | 28.33 | 103.9 | 27.13 | 100.6 | 25.82 | 93.50 | 25.06 |
|        | 0                 | -0.7     | 112.2                     | 27.48 | 111.5 | 26.78 | 107.5 | 25.83 | 103.9 | 24.86 | 100.6 | 24.29 | 93.50 | 23.78 |
|        | 3                 | 2.2      | 113.1                     | 25.48 | 111.9 | 24.74 | 107.5 | 24.03 | 103.9 | 23.51 | 100.6 | 23.12 | 93.50 | 22.68 |
|        | 5                 | 4.1      | 113.1                     | 24.24 | 111.9 | 23.62 | 107.5 | 23.11 | 103.9 | 22.65 | 100.6 | 22.35 | 93.50 | 21.94 |
|        | 7                 | 6        | 113.1                     | 23.28 | 111.9 | 22.65 | 107.5 | 22.20 | 103.9 | 21.78 | 100.6 | 21.57 | 93.50 | 21.18 |
|        | 9                 | 7.9      | 113.1                     | 22.54 | 111.9 | 21.93 | 107.5 | 21.50 | 103.9 | 21.10 | 100.6 | 20.90 | 93.50 | 20.51 |
|        | 11                | 9.8      | 113.1                     | 22.01 | 111.9 | 21.40 | 107.5 | 20.98 | 103.9 | 20.59 | 100.6 | 20.38 | 93.50 | 20.03 |
|        | 13                | 11.8     | 113.1                     | 21.43 | 111.9 | 20.84 | 107.5 | 20.43 | 103.9 | 20.05 | 100.6 | 19.85 | 93.50 | 19.50 |
|        | 15                | 13.7     | 113.1                     | 20.80 | 111.9 | 20.24 | 107.5 | 19.85 | 103.9 | 19.47 | 100.6 | 19.28 | 93.50 | 18.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 34.00                     | 27.29 | 34.00 | 27.99 | 34.00 | 28.63 | 34.00 | 29.73 | 34.00 | 30.47 | 33.90 | 30.80 |
|        | -24.8             | -25      | 56.80                     | 28.98 | 56.80 | 29.68 | 56.50 | 30.34 | 56.50 | 31.39 | 56.50 | 32.12 | 56.40 | 32.47 |
|        | -21.8             | -22      | 68.80                     | 29.95 | 68.80 | 30.64 | 68.40 | 31.32 | 68.40 | 32.34 | 68.40 | 33.07 | 68.30 | 33.43 |
|        | -19.8             | -20      | 72.30                     | 30.59 | 72.30 | 31.28 | 71.90 | 31.94 | 71.90 | 32.98 | 71.90 | 33.71 | 71.70 | 34.05 |
|        | -18.8             | -19      | 74.00                     | 30.91 | 74.00 | 31.60 | 73.60 | 32.26 | 73.60 | 33.30 | 73.60 | 34.02 | 73.50 | 33.58 |
|        | -16.7             | -17      | 77.90                     | 31.59 | 77.90 | 32.26 | 77.50 | 32.92 | 77.50 | 33.96 | 77.50 | 33.04 | 77.30 | 32.56 |
|        | -15               | -15.9    | 80.70                     | 32.06 | 80.70 | 32.73 | 80.10 | 33.39 | 80.10 | 33.22 | 80.10 | 32.33 | 80.00 | 31.84 |
|        | -13.7             | -15      | 83.40                     | 32.54 | 83.40 | 33.21 | 82.80 | 33.87 | 82.80 | 32.48 | 82.80 | 31.64 | 82.80 | 31.14 |
|        | -11.8             | -13      | 86.10                     | 33.14 | 86.10 | 33.82 | 85.60 | 32.84 | 85.60 | 31.54 | 85.60 | 30.74 | 84.20 | 29.75 |
|        | -9.8              | -11      | 89.10                     | 33.76 | 89.10 | 32.66 | 88.50 | 31.75 | 88.50 | 30.56 | 88.50 | 29.81 | 84.20 | 27.85 |
|        | -9.5              | -10      | 89.90                     | 33.57 | 89.90 | 32.47 | 89.50 | 31.57 | 89.50 | 30.40 | 89.50 | 29.68 | 84.20 | 27.40 |
|        | -8.5              | -9.1     | 93.00                     | 32.95 | 93.00 | 31.89 | 92.40 | 31.03 | 92.40 | 29.92 | 90.10 | 28.59 | 84.20 | 26.37 |
|        | -7                | -7.6     | 97.60                     | 32.00 | 97.60 | 31.01 | 95.70 | 29.81 | 93.30 | 28.07 | 90.10 | 26.96 | 84.20 | 25.53 |
|        | -5                | -5.6     | 103.7                     | 30.79 | 101.4 | 29.24 | 96.40 | 27.34 | 93.30 | 25.88 | 90.10 | 25.51 | 84.20 | 24.71 |
|        | -3                | -3.7     | 106.6                     | 28.80 | 102.7 | 26.99 | 96.40 | 25.70 | 93.30 | 24.95 | 90.10 | 24.45 | 84.20 | 23.90 |
|        | 0                 | -0.7     | 108.7                     | 25.90 | 102.7 | 24.77 | 96.40 | 24.27 | 93.30 | 23.67 | 90.10 | 23.25 | 84.20 | 22.67 |
|        | 3                 | 2.2      | 108.7                     | 23.72 | 102.7 | 23.22 | 96.40 | 22.85 | 93.30 | 22.40 | 90.10 | 22.04 | 84.20 | 21.44 |
|        | 5                 | 4.1      | 108.7                     | 22.62 | 102.7 | 22.22 | 96.40 | 21.91 | 93.30 | 21.55 | 90.10 | 21.24 | 84.20 | 20.62 |
|        | 7                 | 6        | 108.7                     | 21.51 | 102.7 | 21.18 | 96.40 | 20.95 | 93.30 | 20.70 | 90.10 | 20.43 | 84.20 | 19.80 |
|        | 9                 | 7.9      | 108.7                     | 20.74 | 102.7 | 20.43 | 96.40 | 20.21 | 93.30 | 19.96 | 90.10 | 19.70 | 84.20 | 19.09 |
|        | 11                | 9.8      | 108.7                     | 20.14 | 102.7 | 19.85 | 96.40 | 19.63 | 93.30 | 19.39 | 90.10 | 19.13 | 84.20 | 18.54 |
|        | 13                | 11.8     | 108.7                     | 19.51 | 102.7 | 19.23 | 96.40 | 19.01 | 93.30 | 18.78 | 90.10 | 18.53 | 84.20 | 17.96 |
|        | 15                | 13.7     | 108.7                     | 18.84 | 102.7 | 18.57 | 96.40 | 18.34 | 93.30 | 18.13 | 90.10 | 17.91 | 84.20 | 17.34 |
| 100    | -30               | -30.2    | 34.00                     | 31.74 | 34.00 | 31.97 | 33.70 | 29.92 | 33.70 | 32.61 | 33.70 | 32.09 | 33.60 | 33.02 |
|        | -24.8             | -25      | 56.50                     | 32.27 | 56.50 | 32.51 | 56.20 | 31.53 | 56.20 | 33.15 | 56.20 | 33.42 | 56.10 | 33.56 |
|        | -21.8             | -22      | 68.40                     | 32.57 | 68.40 | 32.82 | 68.10 | 32.45 | 68.10 | 33.46 | 68.10 | 34.19 | 67.90 | 33.87 |
|        | -19.8             | -20      | 72.00                     | 32.76 | 72.00 | 33.01 | 71.60 | 33.05 | 71.60 | 33.65 | 71.60 | 34.08 | 71.50 | 34.05 |
|        | -18.8             | -19      | 73.80                     | 32.86 | 73.30 | 33.13 | 73.30 | 33.37 | 73.30 | 33.76 | 73.30 | 34.02 | 73.20 | 33.48 |
|        | -16.7             | -17      | 77.10                     | 33.08 | 77.10 | 33.34 | 77.10 | 34.05 | 76.70 | 33.96 | 76.70 | 32.84 | 76.50 | 32.27 |
|        | -15               | -15.9    | 80.10                     | 33.22 | 80.10 | 33.48 | 79.80 | 33.95 | 79.60 | 33.10 | 79.60 | 31.98 | 76.90 | 30.42 |
|        | -13.7             | -15      | 83.00                     | 33.38 | 83.00 | 33.63 | 82.40 | 33.87 | 82.40 | 32.24 | 82.40 | 31.14 | 76.90 | 28.55 |
|        | -11.8             | -13      | 85.70                     | 33.57 | 85.20 | 33.82 | 85.20 | 32.72 | 85.20 | 31.15 | 82.60 | 29.13 | 76.90 | 26.98 |
|        | -9.8              | -11      | 88.50                     | 33.76 | 88.50 | 32.52 | 88.20 | 31.51 | 85.40 | 29.05 | 82.60 | 27.11 | 76.90 | 25.86 |
|        | -9.5              | -10      | 89.50                     | 33.56 | 89.50 | 32.34 | 88.20 | 31.01 | 85.40 | 28.60 | 82.60 | 26.74 | 76.90 | 25.71 |
|        | -8.5              | -9.1     | 92.50                     | 32.88 | 92.50 | 31.69 | 88.20 | 29.44 | 85.40 | 26.72 | 82.60 | 25.77 | 76.90 | 25.19 |
|        | -7                | -7.6     | 98.10                     | 31.71 | 93.80 | 29.32 | 88.20 | 27.23 | 85.40 | 25.94 | 82.60 | 25.00 | 76.90 | 24.42 |
|        | -5                | -5.6     | 99.50                     | 29.55 | 93.80 | 27.15 | 88.20 | 26.17 | 85.40 | 24.95 | 82.60 | 24.01 | 76.90 | 23.42 |
|        | -3                | -3.7     | 99.50                     | 27.50 | 93.80 | 25.83 | 88.20 | 25.12 | 85.40 | 23.94 | 82.60 | 23.05 | 76.90 | 22.42 |
|        | 0                 | -0.7     | 99.50                     | 24.97 | 93.80 | 24.12 | 88.20 | 23.52 | 85.40 | 22.46 | 82.60 | 21.58 | 76.90 | 20.93 |
|        | 3                 | 2.2      | 99.50                     | 23.20 | 93.80 | 22.43 | 88.20 | 21.94 | 85.40 | 20.96 | 82.60 | 20.10 | 76.90 | 19.44 |
|        | 5                 | 4.1      | 99.50                     | 22.02 | 93.80 | 21.31 | 88.20 | 20.88 | 85.40 | 19.95 | 82.60 | 19.12 | 76.90 | 18.44 |
|        | 7                 | 6        | 99.50                     | 20.83 | 93.80 | 20.17 | 88.20 | 19.81 | 85.40 | 18.96 | 82.60 | 18.14 | 76.90 | 17.45 |
|        | 9                 | 7.9      | 99.50                     | 19.88 | 93.80 | 19.25 | 88.20 | 18.91 | 85.40 | 18.10 | 82.60 | 17.32 | 76.90 | 16.65 |
|        | 11                | 9.8      | 99.50                     | 19.08 | 93.80 | 18.49 | 88.20 | 18.18 | 85.40 | 17.38 | 82.60 | 16.64 | 76.90 | 16.00 |
|        | 13                | 11.8     | 99.50                     | 18.26 | 93.80 | 17.68 | 88.20 | 17.38 | 85.40 | 16.63 | 82.60 | 15.91 | 76.90 | 15.29 |
|        | 15                | 13.7     | 99.50                     | 17.39 | 93.80 | 16.84 | 88.20 | 16.55 | 85.40 | 15.83 | 82.60 | 15.15 | 76.90 | 14.56 |
| 90     | -30               | -30.2    | 33.80                     | 26.99 | 33.80 | 28.04 | 33.60 | 28.78 | 33.60 | 29.13 | 33.60 | 29.83 | 33.60 | 35.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 56.30                     | 28.68 | 56.30 | 29.73 | 56.00 | 30.47 | 56.00 | 30.81 | 56.00 | 31.51 | 55.90 | 32.56 |
|        | -21.8             | -22      | 68.20                     | 29.65 | 68.20 | 30.70 | 67.80 | 31.44 | 67.80 | 31.77 | 67.80 | 32.48 | 67.60 | 31.08 |
|        | -19.8             | -20      | 71.80                     | 30.31 | 71.80 | 31.34 | 71.30 | 32.06 | 71.30 | 32.42 | 71.30 | 31.47 | 70.30 | 29.75 |
|        | -18.8             | -19      | 73.80                     | 30.62 | 73.30 | 31.66 | 73.10 | 32.39 | 73.10 | 31.90 | 73.10 | 30.96 | 70.30 | 28.51 |
|        | -16.7             | -17      | 77.10                     | 31.29 | 77.10 | 32.33 | 76.70 | 31.32 | 76.70 | 30.81 | 75.60 | 29.48 | 70.30 | 26.48 |
|        | -15               | -15.9    | 80.10                     | 31.77 | 80.10 | 31.53 | 79.40 | 30.55 | 78.20 | 29.57 | 75.60 | 27.85 | 70.30 | 25.61 |
|        | -13.7             | -15      | 83.00                     | 32.25 | 83.00 | 30.74 | 80.70 | 29.25 | 78.20 | 27.85 | 75.60 | 26.33 | 70.30 | 24.76 |
|        | -11.8             | -13      | 85.70                     | 31.17 | 85.20 | 29.74 | 80.70 | 27.40 | 78.20 | 26.25 | 75.60 | 25.09 | 70.30 | 23.91 |
|        | -9.8              | -11      | 88.50                     | 30.03 | 85.70 | 27.78 | 80.70 | 25.77 | 78.20 | 24.91 | 75.60 | 24.19 | 70.30 | 23.03 |
|        | -9.5              | -10      | 89.50                     | 29.86 | 85.70 | 27.32 | 80.70 | 25.43 | 78.20 | 24.77 | 75.60 | 24.04 | 70.30 | 22.90 |
|        | -8.5              | -9.1     | 91.10                     | 28.85 | 85.70 | 26.14 | 80.70 | 24.81 | 78.20 | 24.30 | 75.60 | 23.59 | 70.30 | 22.46 |
|        | -7                | -7.6     | 91.10                     | 26.28 | 85.70 | 24.87 | 80.70 | 24.12 | 78.20 | 23.61 | 75.60 | 22.90 | 70.30 | 21.80 |
|        | -5                | -5.6     | 91.10                     | 25.00 | 85.70 | 23.96 | 80.70 | 23.24 | 78.20 | 22.72 | 75.60 | 22.05 | 70.30 | 20.95 |
|        | -3                | -3.7     | 91.10                     | 24.01 | 85.70 | 23.05 | 80.70 | 22.37 | 78.20 | 21.82 | 75.60 | 21.18 | 70.30 | 20.11 |
|        | 0                 | -0.7     | 91.10                     | 22.53 | 85.70 | 21.67 | 80.70 | 21.06 | 78.20 | 20.49 | 75.60 | 19.89 | 70.30 | 18.85 |
|        | 3                 | 2.2      | 91.10                     | 21.04 | 85.70 | 20.30 | 80.70 | 19.75 | 78.20 | 19.16 | 75.60 | 18.58 | 70.30 | 17.59 |
|        | 5                 | 4.1      | 91.10                     | 20.06 | 85.70 | 19.39 | 80.70 | 18.86 | 78.20 | 18.27 | 75.60 | 17.72 | 70.30 | 16.74 |
|        | 7                 | 6        | 91.10                     | 19.07 | 85.70 | 18.49 | 80.70 | 17.99 | 78.20 | 17.38 | 75.60 | 16.86 | 70.30 | 15.90 |
|        | 9                 | 7.9      | 91.10                     | 18.14 | 85.70 | 17.58 | 80.70 | 17.11 | 78.20 | 16.53 | 75.60 | 16.04 | 70.30 | 15.12 |
|        | 11                | 9.8      | 91.10                     | 17.21 | 85.70 | 16.69 | 80.70 | 16.23 | 78.20 | 15.69 | 75.60 | 15.21 | 70.30 | 14.35 |
|        | 13                | 11.8     | 91.10                     | 16.27 | 85.70 | 15.78 | 80.70 | 15.35 | 78.20 | 14.83 | 75.60 | 14.39 | 70.30 | 13.56 |
|        | 15                | 13.7     | 91.10                     | 15.36 | 85.70 | 14.87 | 80.70 | 14.48 | 78.20 | 13.98 | 75.60 | 13.56 | 70.30 | 12.79 |
| 80     | -30               | -30.2    | 33.60                     | 23.33 | 33.60 | 24.38 | 33.50 | 25.13 | 33.50 | 24.24 | 33.50 | 31.23 | 33.40 | 29.88 |
|        | -24.8             | -25      | 56.10                     | 25.04 | 56.10 | 26.09 | 55.80 | 26.83 | 55.80 | 27.17 | 55.80 | 28.93 | 55.70 | 27.69 |
|        | -21.8             | -22      | 67.40                     | 26.02 | 67.40 | 27.07 | 67.40 | 27.81 | 67.40 | 28.86 | 66.90 | 27.43 | 62.80 | 24.87 |
|        | -19.8             | -20      | 71.00                     | 26.68 | 71.00 | 27.72 | 71.00 | 28.80 | 70.00 | 27.54 | 67.50 | 25.42 | 62.80 | 23.40 |
|        | -18.8             | -19      | 72.80                     | 27.00 | 72.80 | 28.78 | 72.20 | 28.11 | 70.00 | 26.43 | 67.50 | 24.59 | 62.80 | 23.01 |
|        | -16.7             | -17      | 76.70                     | 28.73 | 76.70 | 27.81 | 72.20 | 25.76 | 70.00 | 24.51 | 67.50 | 23.22 | 62.80 | 22.22 |
|        | -15               | -15.9    | 79.60                     | 28.01 | 76.90 | 26.44 | 72.20 | 24.72 | 70.00 | 23.74 | 67.50 | 22.63 | 62.80 | 21.65 |
|        | -13.7             | -15      | 81.10                     | 26.82 | 76.90 | 25.09 | 72.20 | 23.75 | 70.00 | 22.97 | 67.50 | 22.03 | 62.80 | 21.08 |
|        | -11.8             | -13      | 81.60                     | 25.43 | 76.90 | 23.91 | 72.20 | 22.93 | 70.00 | 22.19 | 67.50 | 21.29 | 62.80 | 20.37 |
|        | -9.8              | -11      | 81.60                     | 23.98 | 76.90 | 22.78 | 72.20 | 22.09 | 70.00 | 21.37 | 67.50 | 20.51 | 62.80 | 19.62 |
|        | -9.5              | -10      | 81.60                     | 23.70 | 76.90 | 22.53 | 72.20 | 21.96 | 70.00 | 21.24 | 67.50 | 20.39 | 62.80 | 19.50 |
|        | -8.5              | -9.1     | 81.60                     | 22.97 | 76.90 | 21.98 | 72.20 | 21.55 | 70.00 | 20.84 | 67.50 | 19.99 | 62.80 | 19.13 |
|        | -7                | -7.6     | 81.60                     | 22.04 | 76.90 | 21.35 | 72.20 | 20.92 | 70.00 | 20.20 | 67.50 | 19.42 | 62.80 | 18.56 |
|        | -5                | -5.6     | 81.60                     | 21.22 | 76.90 | 20.56 | 72.20 | 20.13 | 70.00 | 19.41 | 67.50 | 18.67 | 62.80 | 17.85 |
|        | -3                | -3.7     | 81.60                     | 20.38 | 76.90 | 19.77 | 72.20 | 19.33 | 70.00 | 18.63 | 67.50 | 17.93 | 62.80 | 17.14 |
|        | 0                 | -0.7     | 81.60                     | 19.15 | 76.90 | 18.59 | 72.20 | 18.13 | 70.00 | 17.46 | 67.50 | 16.81 | 62.80 | 16.07 |
|        | 3                 | 2.2      | 81.60                     | 17.92 | 76.90 | 17.38 | 72.20 | 16.94 | 70.00 | 16.26 | 67.50 | 15.70 | 62.80 | 15.00 |
|        | 5                 | 4.1      | 81.60                     | 17.10 | 76.90 | 16.59 | 72.20 | 16.13 | 70.00 | 15.48 | 67.50 | 14.96 | 62.80 | 14.29 |
|        | 7                 | 6        | 81.60                     | 16.28 | 76.90 | 15.80 | 72.20 | 15.34 | 70.00 | 14.69 | 67.50 | 14.21 | 62.80 | 13.57 |
|        | 9                 | 7.9      | 81.60                     | 15.27 | 76.90 | 14.84 | 72.20 | 14.41 | 70.00 | 13.79 | 67.50 | 13.35 | 62.80 | 12.74 |
|        | 11                | 9.8      | 81.60                     | 14.18 | 76.90 | 13.77 | 72.20 | 13.37 | 70.00 | 12.80 | 67.50 | 12.38 | 62.80 | 11.83 |
|        | 13                | 11.8     | 81.60                     | 13.24 | 76.90 | 12.85 | 72.20 | 12.48 | 70.00 | 11.94 | 67.50 | 11.57 | 62.80 | 11.03 |
|        | 15                | 13.7     | 81.60                     | 12.46 | 76.90 | 12.09 | 72.20 | 11.74 | 70.00 | 11.25 | 67.50 | 10.89 | 62.80 | 10.39 |
| 70     | -30               | -30.2    | 33.60                     | 24.11 | 33.60 | 24.46 | 33.50 | 25.18 | 33.50 | 30.36 | 33.50 | 28.89 | 33.30 | 27.57 |
|        | -24.8             | -25      | 56.10                     | 25.84 | 56.10 | 26.17 | 55.80 | 26.88 | 55.80 | 27.93 | 55.70 | 26.59 | 53.70 | 24.55 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 66.30                     | 26.82 | 65.30 | 26.61 | 61.40 | 25.88 | 59.30 | 24.26 | 57.60 | 23.13 | 53.70 | 22.05 |
|        | -19.8             | -20      | 69.10                     | 26.76 | 65.30 | 25.85 | 61.40 | 24.58 | 59.30 | 23.43 | 57.60 | 22.35 | 53.70 | 21.29 |
|        | -18.8             | -19      | 69.10                     | 26.39 | 65.30 | 25.03 | 61.40 | 24.14 | 59.30 | 23.00 | 57.60 | 21.96 | 53.70 | 20.90 |
|        | -16.7             | -17      | 69.10                     | 24.56 | 65.30 | 24.00 | 61.40 | 23.22 | 59.30 | 22.13 | 57.60 | 21.13 | 53.70 | 20.12 |
|        | -15               | -15.9    | 69.10                     | 23.82 | 65.30 | 23.33 | 61.40 | 22.55 | 59.30 | 21.49 | 57.60 | 20.54 | 53.70 | 19.55 |
|        | -13.7             | -15      | 69.10                     | 23.11 | 65.30 | 22.65 | 61.40 | 21.90 | 59.30 | 20.87 | 57.60 | 19.97 | 53.70 | 18.99 |
|        | -11.8             | -13      | 69.10                     | 22.26 | 65.30 | 21.79 | 61.40 | 21.07 | 59.30 | 20.08 | 57.60 | 19.23 | 53.70 | 18.27 |
|        | -9.8              | -11      | 69.10                     | 21.37 | 65.30 | 20.90 | 61.40 | 20.20 | 59.30 | 19.25 | 57.60 | 18.44 | 53.70 | 17.51 |
|        | -9.5              | -10      | 69.10                     | 21.24 | 65.30 | 20.76 | 61.40 | 20.08 | 59.30 | 19.14 | 57.60 | 18.33 | 53.70 | 17.40 |
|        | -8.5              | -9.1     | 69.10                     | 20.79 | 65.30 | 20.31 | 61.40 | 19.63 | 59.30 | 18.72 | 57.60 | 17.95 | 53.70 | 17.03 |
|        | -7                | -7.6     | 69.10                     | 20.13 | 65.30 | 19.65 | 61.40 | 18.99 | 59.30 | 18.10 | 57.60 | 17.37 | 53.70 | 16.48 |
|        | -5                | -5.6     | 69.10                     | 19.28 | 65.30 | 18.79 | 61.40 | 18.15 | 59.30 | 17.31 | 57.60 | 16.63 | 53.70 | 15.76 |
|        | -3                | -3.7     | 69.10                     | 18.44 | 65.30 | 17.93 | 61.40 | 17.32 | 59.30 | 16.52 | 57.60 | 15.89 | 53.70 | 15.04 |
|        | 0                 | -0.7     | 69.10                     | 17.17 | 65.30 | 16.64 | 61.40 | 16.08 | 59.30 | 15.34 | 57.60 | 14.78 | 53.70 | 13.96 |
|        | 3                 | 2.2      | 69.10                     | 15.89 | 65.30 | 15.35 | 61.40 | 14.83 | 59.30 | 14.16 | 57.60 | 13.67 | 53.70 | 12.89 |
|        | 5                 | 4.1      | 69.10                     | 15.04 | 65.30 | 14.49 | 61.40 | 14.00 | 59.30 | 13.36 | 57.60 | 12.93 | 53.70 | 12.19 |
|        | 7                 | 6        | 69.10                     | 14.19 | 65.30 | 13.64 | 61.40 | 13.18 | 59.30 | 12.57 | 57.60 | 12.19 | 53.70 | 11.47 |
|        | 9                 | 7.9      | 69.10                     | 12.83 | 65.30 | 12.31 | 61.40 | 11.89 | 59.30 | 11.35 | 57.60 | 11.00 | 53.70 | 10.35 |
|        | 11                | 9.8      | 69.10                     | 11.94 | 65.30 | 11.46 | 61.40 | 11.07 | 59.30 | 10.57 | 57.60 | 10.25 | 53.70 | 9.64  |
|        | 13                | 11.8     | 69.10                     | 11.17 | 65.30 | 10.72 | 61.40 | 10.36 | 59.30 | 9.89  | 57.60 | 9.59  | 53.70 | 9.03  |
|        | 15                | 13.7     | 69.10                     | 10.53 | 65.30 | 10.11 | 61.40 | 9.77  | 59.30 | 9.33  | 57.60 | 9.04  | 53.70 | 8.50  |
| 60     | -30               | -30.2    | 33.20                     | 23.46 | 33.20 | 24.16 | 33.10 | 29.42 | 32.60 | 27.92 | 32.10 | 26.51 | 30.20 | 25.23 |
|        | -24.8             | -25      | 55.40                     | 25.17 | 55.30 | 25.82 | 52.70 | 25.76 | 50.90 | 23.99 | 49.20 | 22.34 | 46.00 | 21.10 |
|        | -21.8             | -22      | 59.30                     | 25.40 | 56.20 | 24.56 | 52.70 | 23.31 | 50.90 | 22.15 | 49.20 | 21.05 | 46.00 | 19.99 |
|        | -19.8             | -20      | 59.30                     | 24.51 | 56.20 | 23.64 | 52.70 | 22.45 | 50.90 | 21.33 | 49.20 | 20.28 | 46.00 | 19.26 |
|        | -18.8             | -19      | 59.30                     | 24.05 | 56.20 | 23.17 | 52.70 | 22.01 | 50.90 | 20.93 | 49.20 | 19.90 | 46.00 | 18.87 |
|        | -16.7             | -17      | 59.30                     | 23.09 | 56.20 | 22.22 | 52.70 | 21.11 | 50.90 | 20.08 | 49.20 | 19.10 | 46.00 | 18.10 |
|        | -15               | -15.9    | 59.30                     | 22.39 | 56.20 | 21.54 | 52.70 | 20.46 | 50.90 | 19.47 | 49.20 | 18.53 | 46.00 | 17.54 |
|        | -13.7             | -15      | 59.30                     | 21.71 | 56.20 | 20.86 | 52.70 | 19.82 | 50.90 | 18.87 | 49.20 | 17.97 | 46.00 | 17.00 |
|        | -11.8             | -13      | 59.30                     | 20.86 | 56.20 | 20.01 | 52.70 | 19.01 | 50.90 | 18.10 | 49.20 | 17.25 | 46.00 | 16.31 |
|        | -9.8              | -11      | 59.30                     | 19.94 | 56.20 | 19.11 | 52.70 | 18.16 | 50.90 | 17.31 | 49.20 | 16.50 | 46.00 | 15.58 |
|        | -9.5              | -10      | 59.30                     | 19.80 | 56.20 | 18.98 | 52.70 | 18.04 | 50.90 | 17.19 | 49.20 | 16.38 | 46.00 | 15.45 |
|        | -8.5              | -9.1     | 59.30                     | 19.36 | 56.20 | 18.53 | 52.70 | 17.61 | 50.90 | 16.80 | 49.20 | 16.00 | 46.00 | 15.10 |
|        | -7                | -7.6     | 59.30                     | 18.69 | 56.20 | 17.86 | 52.70 | 16.98 | 50.90 | 16.19 | 49.20 | 15.43 | 46.00 | 14.56 |
|        | -5                | -5.6     | 59.30                     | 17.82 | 56.20 | 16.99 | 52.70 | 16.16 | 50.90 | 15.43 | 49.20 | 14.72 | 46.00 | 13.86 |
|        | -3                | -3.7     | 59.30                     | 16.95 | 56.20 | 16.13 | 52.70 | 15.35 | 50.90 | 14.66 | 49.20 | 14.00 | 46.00 | 13.16 |
|        | 0                 | -0.7     | 59.30                     | 15.65 | 56.20 | 14.83 | 52.70 | 14.13 | 50.90 | 13.51 | 49.20 | 12.92 | 46.00 | 12.11 |
|        | 3                 | 2.2      | 59.30                     | 14.36 | 56.20 | 13.55 | 52.70 | 12.89 | 50.90 | 12.37 | 49.20 | 11.83 | 46.00 | 11.06 |
|        | 5                 | 4.1      | 59.30                     | 13.49 | 56.20 | 12.69 | 52.70 | 12.09 | 50.90 | 11.60 | 49.20 | 11.11 | 46.00 | 10.36 |
|        | 7                 | 6        | 59.30                     | 12.63 | 56.20 | 11.82 | 52.70 | 11.27 | 50.90 | 10.83 | 49.20 | 10.39 | 46.00 | 9.65  |
|        | 9                 | 7.9      | 59.30                     | 11.26 | 56.20 | 10.55 | 52.70 | 10.06 | 50.90 | 9.66  | 49.20 | 9.27  | 46.00 | 8.62  |
|        | 11                | 9.8      | 59.30                     | 10.52 | 56.20 | 9.85  | 52.70 | 9.39  | 50.90 | 9.03  | 49.20 | 8.66  | 46.00 | 8.05  |
|        | 13                | 11.8     | 59.30                     | 9.85  | 56.20 | 9.22  | 52.70 | 8.80  | 50.90 | 8.45  | 49.20 | 8.11  | 46.00 | 7.54  |
|        | 15                | 13.7     | 59.30                     | 9.31  | 56.20 | 8.72  | 52.70 | 8.32  | 50.90 | 7.98  | 49.20 | 7.66  | 46.00 | 7.13  |
| 50     | -30               | -30.2    | 32.50                     | 21.36 | 30.70 | 26.48 | 28.80 | 25.08 | 28.00 | 23.76 | 27.00 | 22.47 | 25.20 | 21.37 |
|        | -24.8             | -25      | 49.50                     | 21.11 | 46.70 | 22.08 | 43.90 | 20.91 | 42.50 | 19.82 | 41.10 | 18.78 | 38.30 | 17.82 |
|        | -21.8             | -22      | 49.50                     | 22.02 | 46.70 | 20.85 | 43.90 | 19.77 | 42.50 | 18.73 | 41.10 | 17.78 | 38.30 | 16.85 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 49.50                     | 21.16 | 46.70 | 20.05 | 43.90 | 19.00 | 42.50 | 18.02 | 41.10 | 17.11 | 38.30 | 16.21 |
|        | -18.8             | -19      | 49.50                     | 20.76 | 46.70 | 19.63 | 43.90 | 18.64 | 42.50 | 17.66 | 41.10 | 16.77 | 38.30 | 15.90 |
|        | -16.7             | -17      | 49.50                     | 19.86 | 46.70 | 18.80 | 43.90 | 17.84 | 42.50 | 16.91 | 41.10 | 16.07 | 38.30 | 15.22 |
|        | -15               | -15.9    | 49.50                     | 19.23 | 46.70 | 18.19 | 43.90 | 17.27 | 42.50 | 16.37 | 41.10 | 15.58 | 38.30 | 14.73 |
|        | -13.7             | -15      | 49.50                     | 18.60 | 46.70 | 17.59 | 43.90 | 16.71 | 42.50 | 15.84 | 41.10 | 15.08 | 38.30 | 14.26 |
|        | -11.8             | -13      | 49.50                     | 17.81 | 46.70 | 16.83 | 43.90 | 15.99 | 42.50 | 15.17 | 41.10 | 14.46 | 38.30 | 13.66 |
|        | -9.8              | -11      | 49.50                     | 16.98 | 46.70 | 16.03 | 43.90 | 15.25 | 42.50 | 14.47 | 41.10 | 13.80 | 38.30 | 13.03 |
|        | -9.5              | -10      | 49.50                     | 16.86 | 46.70 | 15.91 | 43.90 | 15.14 | 42.50 | 14.37 | 41.10 | 13.70 | 38.30 | 12.94 |
|        | -8.5              | -9.1     | 49.50                     | 16.42 | 46.70 | 15.50 | 43.90 | 14.77 | 42.50 | 14.01 | 41.10 | 13.38 | 38.30 | 12.62 |
|        | -7                | -7.6     | 49.50                     | 15.80 | 46.70 | 14.92 | 43.90 | 14.22 | 42.50 | 13.48 | 41.10 | 12.89 | 38.30 | 12.15 |
|        | -5                | -5.6     | 49.50                     | 15.00 | 46.70 | 14.16 | 43.90 | 13.49 | 42.50 | 12.80 | 41.10 | 12.25 | 38.30 | 11.55 |
|        | -3                | -3.7     | 49.50                     | 14.21 | 46.70 | 13.39 | 43.90 | 12.78 | 42.50 | 12.13 | 41.10 | 11.61 | 38.30 | 10.94 |
|        | 0                 | -0.7     | 49.50                     | 13.00 | 46.70 | 12.23 | 43.90 | 11.71 | 42.50 | 11.11 | 41.10 | 10.67 | 38.30 | 10.03 |
|        | 3                 | 2.2      | 49.50                     | 11.81 | 46.70 | 11.08 | 43.90 | 10.62 | 42.50 | 10.09 | 41.10 | 9.72  | 38.30 | 9.11  |
|        | 5                 | 4.1      | 49.50                     | 11.00 | 46.70 | 10.32 | 43.90 | 9.92  | 42.50 | 9.41  | 41.10 | 9.10  | 38.30 | 8.51  |
|        | 7                 | 6        | 49.50                     | 10.20 | 46.70 | 9.54  | 43.90 | 9.20  | 42.50 | 8.74  | 41.10 | 8.46  | 38.30 | 7.90  |
|        | 9                 | 7.9      | 49.50                     | 9.21  | 46.70 | 8.63  | 43.90 | 8.30  | 42.50 | 7.89  | 41.10 | 7.65  | 38.30 | 7.13  |
|        | 11                | 9.8      | 49.50                     | 8.62  | 46.70 | 8.07  | 43.90 | 7.78  | 42.50 | 7.39  | 41.10 | 7.15  | 38.30 | 6.67  |
|        | 13                | 11.8     | 49.50                     | 8.09  | 46.70 | 7.58  | 43.90 | 7.30  | 42.50 | 6.93  | 41.10 | 6.72  | 38.30 | 6.27  |
|        | 15                | 13.7     | 49.50                     | 7.66  | 46.70 | 7.17  | 43.90 | 6.90  | 42.50 | 6.56  | 41.10 | 6.35  | 38.30 | 5.93  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM300LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 38.90                     | 29.13 | 38.90 | 29.46 | 38.60 | 29.76 | 38.60 | 30.22 | 38.60 | 30.67 | 38.20 | 31.37 |
|        | -24.8             | -25      | 64.80                     | 30.22 | 64.80 | 30.55 | 64.40 | 30.86 | 64.40 | 31.31 | 64.40 | 31.76 | 63.60 | 32.45 |
|        | -21.8             | -22      | 76.90                     | 30.85 | 76.90 | 31.19 | 76.40 | 31.49 | 76.40 | 31.94 | 76.40 | 32.39 | 75.40 | 33.06 |
|        | -19.8             | -20      | 80.20                     | 31.27 | 80.20 | 31.61 | 79.70 | 31.90 | 79.70 | 32.37 | 79.70 | 32.79 | 78.60 | 33.48 |
|        | -18.8             | -19      | 81.90                     | 31.48 | 81.90 | 31.82 | 81.30 | 32.11 | 81.30 | 32.57 | 81.30 | 33.00 | 80.30 | 33.69 |
|        | -16.7             | -17      | 85.50                     | 31.92 | 85.50 | 32.25 | 84.80 | 32.55 | 84.80 | 33.00 | 84.80 | 33.43 | 83.70 | 34.12 |
|        | -15               | -15.9    | 88.10                     | 32.22 | 88.10 | 32.56 | 87.40 | 32.86 | 87.40 | 33.31 | 87.40 | 33.74 | 86.30 | 33.34 |
|        | -13.7             | -15      | 90.60                     | 32.53 | 90.60 | 32.87 | 90.00 | 33.17 | 90.00 | 33.62 | 90.00 | 34.05 | 88.80 | 32.57 |
|        | -11.8             | -13      | 93.50                     | 32.93 | 93.50 | 33.26 | 93.00 | 33.55 | 93.00 | 34.02 | 93.00 | 33.00 | 91.90 | 31.58 |
|        | -9.8              | -11      | 96.70                     | 33.33 | 96.70 | 33.68 | 95.90 | 33.97 | 95.90 | 32.88 | 95.90 | 31.90 | 94.90 | 30.57 |
|        | -9.5              | -10      | 97.20                     | 33.41 | 97.20 | 33.74 | 96.70 | 33.80 | 96.70 | 32.69 | 96.40 | 31.74 | 95.40 | 30.40 |
|        | -8.5              | -9.1     | 99.20                     | 33.61 | 99.20 | 33.95 | 98.70 | 33.20 | 98.70 | 32.15 | 98.00 | 31.18 | 97.00 | 29.90 |
|        | -7                | -7.6     | 102.4                     | 33.91 | 102.4 | 33.05 | 101.8 | 32.32 | 101.8 | 31.28 | 101.8 | 30.35 | 100.0 | 29.12 |
|        | -5                | -5.6     | 106.6                     | 32.77 | 106.6 | 31.92 | 105.9 | 31.18 | 105.9 | 30.18 | 105.9 | 29.29 | 103.2 | 28.14 |
|        | -3                | -3.7     | 110.9                     | 31.61 | 110.9 | 30.77 | 110.0 | 30.03 | 110.0 | 29.08 | 110.0 | 28.23 | 105.6 | 26.91 |
|        | 0                 | -0.7     | 116.9                     | 29.89 | 116.9 | 29.05 | 116.3 | 28.32 | 116.1 | 27.39 | 114.4 | 26.18 | 106.7 | 24.62 |
|        | 3                 | 2.2      | 121.4                     | 27.73 | 121.4 | 26.90 | 120.7 | 26.20 | 118.7 | 25.00 | 114.6 | 23.72 | 106.7 | 22.83 |
|        | 5                 | 4.1      | 122.2                     | 26.01 | 122.2 | 25.20 | 121.8 | 24.55 | 118.7 | 23.45 | 114.6 | 22.62 | 106.7 | 21.90 |
|        | 7                 | 6        | 122.2                     | 24.46 | 122.2 | 23.68 | 121.8 | 23.04 | 118.7 | 22.28 | 114.6 | 21.61 | 106.7 | 20.97 |
|        | 9                 | 7.9      | 122.2                     | 23.52 | 122.2 | 22.75 | 121.8 | 22.09 | 118.7 | 21.44 | 114.6 | 20.82 | 106.7 | 20.19 |
| 120    | 11                | 9.8      | 122.2                     | 22.80 | 122.2 | 22.05 | 121.8 | 21.42 | 118.7 | 20.80 | 114.6 | 20.19 | 106.7 | 19.58 |
|        | 13                | 11.8     | 122.2                     | 22.03 | 122.2 | 21.32 | 121.8 | 20.70 | 118.7 | 20.10 | 114.6 | 19.52 | 106.7 | 18.93 |
|        | 15                | 13.7     | 122.2                     | 21.23 | 122.2 | 20.54 | 121.8 | 19.95 | 118.7 | 19.38 | 114.6 | 18.80 | 106.7 | 18.23 |
|        | -30               | -30.2    | 38.60                     | 29.46 | 38.60 | 29.76 | 38.40 | 30.22 | 38.40 | 30.67 | 38.40 | 31.37 | 37.90 | 31.86 |
|        | -24.8             | -25      | 64.40                     | 30.55 | 64.40 | 30.86 | 64.00 | 31.31 | 64.00 | 31.76 | 64.00 | 32.45 | 63.10 | 32.93 |
|        | -21.8             | -22      | 76.40                     | 31.19 | 76.40 | 31.49 | 75.90 | 31.94 | 75.90 | 32.39 | 75.90 | 33.06 | 74.90 | 33.54 |
|        | -19.8             | -20      | 79.60                     | 31.61 | 79.60 | 31.90 | 79.00 | 32.37 | 79.00 | 32.79 | 79.00 | 33.48 | 78.10 | 33.95 |
|        | -18.8             | -19      | 81.20                     | 31.82 | 81.20 | 32.11 | 80.70 | 32.57 | 80.70 | 33.00 | 80.70 | 33.69 | 79.80 | 34.16 |
|        | -16.7             | -17      | 84.80                     | 32.25 | 84.80 | 32.55 | 84.30 | 33.00 | 84.30 | 33.43 | 84.30 | 34.12 | 83.10 | 33.16 |
|        | -15               | -15.9    | 87.30                     | 32.56 | 87.30 | 32.86 | 86.80 | 33.31 | 86.80 | 33.74 | 86.80 | 33.37 | 85.60 | 32.45 |
|        | -13.7             | -15      | 89.90                     | 32.87 | 89.90 | 33.17 | 89.30 | 33.62 | 89.30 | 34.05 | 89.30 | 32.62 | 88.20 | 31.74 |
|        | -11.8             | -13      | 92.90                     | 33.26 | 92.90 | 33.55 | 92.10 | 34.02 | 92.10 | 32.99 | 92.10 | 31.67 | 91.20 | 30.83 |
|        | -9.8              | -11      | 95.80                     | 33.68 | 95.80 | 33.97 | 95.30 | 32.84 | 95.30 | 31.88 | 95.30 | 30.67 | 94.30 | 29.89 |
|        | -9.5              | -10      | 96.60                     | 33.74 | 96.60 | 33.78 | 95.90 | 32.66 | 95.90 | 31.72 | 95.90 | 30.53 | 94.90 | 29.74 |
|        | -8.5              | -9.1     | 98.60                     | 33.95 | 98.60 | 33.15 | 98.00 | 32.06 | 98.00 | 31.15 | 97.80 | 30.04 | 96.70 | 29.28 |
|        | -7                | -7.6     | 101.7                     | 33.00 | 101.7 | 32.22 | 101.1 | 31.21 | 101.1 | 30.33 | 100.5 | 29.29 | 98.90 | 28.45 |
|        | -5                | -5.6     | 105.8                     | 31.77 | 105.8 | 31.00 | 105.2 | 30.07 | 105.2 | 29.25 | 105.2 | 28.33 | 100.2 | 27.00 |
|        | -3                | -3.7     | 110.0                     | 30.55 | 110.0 | 29.80 | 109.3 | 28.93 | 109.3 | 28.18 | 107.8 | 26.99 | 100.2 | 25.43 |
|        | 0                 | -0.7     | 116.2                     | 28.71 | 116.2 | 27.98 | 114.3 | 26.95 | 111.3 | 25.60 | 107.8 | 24.49 | 100.2 | 23.96 |
|        | 3                 | 2.2      | 120.5                     | 26.41 | 119.9 | 25.61 | 115.2 | 24.38 | 111.3 | 23.57 | 107.8 | 23.14 | 100.2 | 22.68 |
|        | 5                 | 4.1      | 121.2                     | 24.66 | 119.9 | 23.86 | 115.2 | 23.04 | 111.3 | 22.56 | 107.8 | 22.25 | 100.2 | 21.82 |
|        | 7                 | 6        | 121.2                     | 23.08 | 119.9 | 22.41 | 115.2 | 21.97 | 111.3 | 21.55 | 107.8 | 21.35 | 100.2 | 20.96 |
|        | 9                 | 7.9      | 121.2                     | 22.13 | 119.9 | 21.53 | 115.2 | 21.11 | 111.3 | 20.72 | 107.8 | 20.52 | 100.2 | 20.14 |
|        | 11                | 9.8      | 121.2                     | 21.42 | 119.9 | 20.84 | 115.2 | 20.43 | 111.3 | 20.05 | 107.8 | 19.85 | 100.2 | 19.50 |
|        | 13                | 11.8     | 121.2                     | 20.67 | 119.9 | 20.10 | 115.2 | 19.70 | 111.3 | 19.34 | 107.8 | 19.15 | 100.2 | 18.81 |
|        | 15                | 13.7     | 121.2                     | 19.86 | 119.9 | 19.32 | 115.2 | 18.94 | 111.3 | 18.58 | 107.8 | 18.40 | 100.2 | 18.07 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 38.40                     | 29.76 | 38.40 | 30.22 | 38.20 | 30.67 | 38.20 | 31.37 | 38.20 | 31.86 | 37.70 | 32.06 |
|        | -24.8             | -25      | 64.00                     | 30.86 | 64.00 | 31.31 | 63.70 | 31.76 | 63.70 | 32.45 | 63.70 | 32.93 | 62.80 | 33.14 |
|        | -21.8             | -22      | 76.10                     | 31.49 | 76.10 | 31.94 | 75.50 | 32.39 | 75.50 | 33.06 | 75.50 | 33.54 | 74.60 | 33.78 |
|        | -19.8             | -20      | 79.20                     | 31.90 | 79.20 | 32.37 | 78.70 | 32.79 | 78.70 | 33.48 | 78.70 | 33.95 | 77.60 | 34.19 |
|        | -18.8             | -19      | 80.80                     | 32.11 | 80.80 | 32.57 | 80.30 | 33.00 | 80.30 | 33.69 | 80.30 | 34.16 | 79.20 | 33.67 |
|        | -16.7             | -17      | 84.30                     | 32.55 | 84.30 | 33.00 | 83.80 | 33.43 | 83.80 | 34.12 | 83.80 | 33.09 | 82.60 | 32.58 |
|        | -15               | -15.9    | 86.90                     | 32.86 | 86.90 | 33.31 | 86.30 | 33.74 | 86.30 | 33.31 | 86.30 | 32.33 | 85.70 | 31.81 |
|        | -13.7             | -15      | 89.40                     | 33.17 | 89.40 | 33.62 | 88.80 | 34.05 | 88.80 | 32.51 | 88.80 | 31.57 | 88.80 | 31.05 |
|        | -11.8             | -13      | 92.30                     | 33.55 | 92.30 | 34.02 | 91.60 | 32.91 | 91.60 | 31.48 | 91.60 | 30.62 | 90.20 | 29.61 |
|        | -9.8              | -11      | 95.30                     | 33.97 | 95.30 | 32.74 | 94.80 | 31.72 | 94.80 | 30.42 | 94.80 | 29.60 | 90.20 | 27.86 |
|        | -9.5              | -10      | 95.90                     | 33.76 | 95.90 | 32.53 | 95.40 | 31.54 | 95.40 | 30.25 | 95.40 | 29.46 | 90.20 | 27.37 |
|        | -8.5              | -9.1     | 98.10                     | 33.07 | 98.10 | 31.89 | 97.50 | 30.95 | 97.50 | 29.71 | 96.50 | 28.65 | 90.20 | 26.79 |
|        | -7                | -7.6     | 101.2                     | 32.02 | 101.2 | 30.92 | 100.6 | 30.05 | 100.0 | 28.74 | 96.50 | 27.07 | 90.20 | 26.07 |
|        | -5                | -5.6     | 105.3                     | 30.67 | 105.3 | 29.68 | 103.3 | 28.54 | 100.0 | 26.65 | 96.50 | 25.70 | 90.20 | 25.14 |
|        | -3                | -3.7     | 109.3                     | 29.32 | 108.8 | 28.30 | 103.3 | 26.37 | 100.0 | 25.33 | 96.50 | 24.78 | 90.20 | 24.23 |
|        | 0                 | -0.7     | 114.8                     | 27.10 | 110.1 | 25.41 | 103.3 | 24.54 | 100.0 | 23.88 | 96.50 | 23.43 | 90.20 | 22.85 |
|        | 3                 | 2.2      | 116.5                     | 24.25 | 110.1 | 23.32 | 103.3 | 22.91 | 100.0 | 22.43 | 96.50 | 22.05 | 90.20 | 21.45 |
|        | 5                 | 4.1      | 116.5                     | 22.57 | 110.1 | 22.15 | 103.3 | 21.82 | 100.0 | 21.46 | 96.50 | 21.13 | 90.20 | 20.52 |
|        | 7                 | 6        | 116.5                     | 21.29 | 110.1 | 20.96 | 103.3 | 20.73 | 100.0 | 20.48 | 96.50 | 20.22 | 90.20 | 19.60 |
|        | 9                 | 7.9      | 116.5                     | 20.37 | 110.1 | 20.06 | 103.3 | 19.85 | 100.0 | 19.61 | 96.50 | 19.35 | 90.20 | 18.75 |
|        | 11                | 9.8      | 116.5                     | 19.63 | 110.1 | 19.34 | 103.3 | 19.11 | 100.0 | 18.88 | 96.50 | 18.63 | 90.20 | 18.06 |
|        | 13                | 11.8     | 116.5                     | 18.83 | 110.1 | 18.56 | 103.3 | 18.35 | 100.0 | 18.12 | 96.50 | 17.88 | 90.20 | 17.34 |
|        | 15                | 13.7     | 116.5                     | 18.00 | 110.1 | 17.74 | 103.3 | 17.53 | 100.0 | 17.31 | 96.50 | 17.11 | 90.20 | 16.57 |
| 100    | -30               | -30.2    | 38.20                     | 32.88 | 38.20 | 33.03 | 38.00 | 30.34 | 38.00 | 33.39 | 38.00 | 33.01 | 37.50 | 33.63 |
|        | -24.8             | -25      | 63.70                     | 33.17 | 63.70 | 33.31 | 63.40 | 32.02 | 63.40 | 33.68 | 63.40 | 33.84 | 62.50 | 33.92 |
|        | -21.8             | -22      | 75.60                     | 33.34 | 75.60 | 33.48 | 75.20 | 32.97 | 75.20 | 33.85 | 75.20 | 34.32 | 74.20 | 34.09 |
|        | -19.8             | -20      | 78.80                     | 33.44 | 78.80 | 33.58 | 78.30 | 33.57 | 78.30 | 33.94 | 78.30 | 34.22 | 77.40 | 34.19 |
|        | -18.8             | -19      | 80.50                     | 33.49 | 80.00 | 33.65 | 80.00 | 33.78 | 80.00 | 34.00 | 80.00 | 34.16 | 78.90 | 33.57 |
|        | -16.7             | -17      | 83.50                     | 33.60 | 83.50 | 33.75 | 83.50 | 34.22 | 83.10 | 34.12 | 83.10 | 32.90 | 81.90 | 32.31 |
|        | -15               | -15.9    | 86.30                     | 33.68 | 86.30 | 33.83 | 86.00 | 34.13 | 85.80 | 33.19 | 85.80 | 32.00 | 82.40 | 30.58 |
|        | -13.7             | -15      | 89.00                     | 33.77 | 89.00 | 33.91 | 88.40 | 34.05 | 88.40 | 32.27 | 88.40 | 31.10 | 82.40 | 28.77 |
|        | -11.8             | -13      | 91.80                     | 33.87 | 91.30 | 34.02 | 91.30 | 32.80 | 91.30 | 31.11 | 88.50 | 29.03 | 82.40 | 27.69 |
|        | -9.8              | -11      | 94.80                     | 33.97 | 94.80 | 32.61 | 94.50 | 31.50 | 91.50 | 28.94 | 88.50 | 27.15 | 82.40 | 26.54 |
|        | -9.5              | -10      | 95.40                     | 33.75 | 95.40 | 32.40 | 94.50 | 31.12 | 91.50 | 28.60 | 88.50 | 26.98 | 82.40 | 26.37 |
|        | -8.5              | -9.1     | 97.60                     | 33.01 | 97.60 | 31.71 | 94.50 | 29.84 | 91.50 | 27.44 | 88.50 | 26.41 | 82.40 | 25.81 |
|        | -7                | -7.6     | 102.2                     | 31.89 | 100.5 | 30.21 | 94.50 | 27.99 | 91.50 | 26.59 | 88.50 | 25.58 | 82.40 | 24.96 |
|        | -5                | -5.6     | 106.4                     | 30.34 | 100.5 | 27.84 | 94.50 | 26.79 | 91.50 | 25.47 | 88.50 | 24.48 | 82.40 | 23.86 |
|        | -3                | -3.7     | 106.6                     | 28.15 | 100.5 | 26.37 | 94.50 | 25.60 | 91.50 | 24.34 | 88.50 | 23.41 | 82.40 | 22.76 |
|        | 0                 | -0.7     | 106.6                     | 25.36 | 100.5 | 24.44 | 94.50 | 23.80 | 91.50 | 22.68 | 88.50 | 21.76 | 82.40 | 21.12 |
|        | 3                 | 2.2      | 106.6                     | 23.33 | 100.5 | 22.52 | 94.50 | 22.01 | 91.50 | 21.01 | 88.50 | 20.14 | 82.40 | 19.46 |
|        | 5                 | 4.1      | 106.6                     | 21.97 | 100.5 | 21.25 | 94.50 | 20.81 | 91.50 | 19.87 | 88.50 | 19.04 | 82.40 | 18.36 |
|        | 7                 | 6        | 106.6                     | 20.62 | 100.5 | 19.96 | 94.50 | 19.60 | 91.50 | 18.76 | 88.50 | 17.96 | 82.40 | 17.27 |
|        | 9                 | 7.9      | 106.6                     | 19.43 | 100.5 | 18.82 | 94.50 | 18.49 | 91.50 | 17.69 | 88.50 | 16.93 | 82.40 | 16.28 |
|        | 11                | 9.8      | 106.6                     | 18.40 | 100.5 | 17.83 | 94.50 | 17.52 | 91.50 | 16.76 | 88.50 | 16.03 | 82.40 | 15.42 |
|        | 13                | 11.8     | 106.6                     | 17.33 | 100.5 | 16.77 | 94.50 | 16.48 | 91.50 | 15.77 | 88.50 | 15.10 | 82.40 | 14.51 |
|        | 15                | 13.7     | 106.6                     | 16.19 | 100.5 | 15.68 | 94.50 | 15.40 | 91.50 | 14.73 | 88.50 | 14.10 | 82.40 | 13.55 |
| 90     | -30               | -30.2    | 38.10                     | 29.02 | 38.10 | 29.71 | 37.90 | 30.20 | 37.90 | 30.43 | 37.90 | 30.89 | 37.40 | 35.39 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 63.50                     | 30.12 | 63.50 | 30.81 | 63.20 | 31.29 | 63.20 | 31.53 | 63.20 | 31.98 | 62.30 | 32.67 |
|        | -21.8             | -22      | 75.30                     | 30.75 | 75.30 | 31.44 | 74.90 | 31.93 | 74.90 | 32.15 | 74.90 | 32.62 | 73.90 | 31.12 |
|        | -19.8             | -20      | 78.50                     | 31.18 | 78.50 | 31.85 | 78.00 | 32.33 | 78.00 | 32.57 | 78.00 | 31.54 | 75.30 | 29.42 |
|        | -18.8             | -19      | 80.50                     | 31.39 | 80.00 | 32.07 | 79.70 | 32.55 | 79.70 | 32.02 | 79.70 | 31.01 | 75.30 | 28.33 |
|        | -16.7             | -17      | 83.50                     | 31.82 | 83.50 | 32.51 | 83.10 | 31.40 | 83.10 | 30.86 | 81.10 | 29.21 | 75.30 | 26.89 |
|        | -15               | -15.9    | 86.30                     | 32.13 | 86.30 | 31.65 | 85.60 | 30.58 | 83.80 | 29.41 | 81.10 | 27.93 | 75.30 | 26.16 |
|        | -13.7             | -15      | 89.00                     | 32.44 | 89.00 | 30.79 | 86.50 | 29.21 | 83.80 | 27.78 | 81.10 | 26.71 | 75.30 | 25.44 |
|        | -11.8             | -13      | 91.80                     | 31.27 | 91.30 | 29.72 | 86.50 | 27.32 | 83.80 | 26.60 | 81.10 | 25.77 | 75.30 | 24.52 |
|        | -9.8              | -11      | 94.80                     | 30.04 | 91.80 | 27.69 | 86.50 | 26.10 | 83.80 | 25.57 | 81.10 | 24.78 | 75.30 | 23.57 |
|        | -9.5              | -10      | 95.40                     | 29.85 | 91.80 | 27.34 | 86.50 | 25.95 | 83.80 | 25.42 | 81.10 | 24.63 | 75.30 | 23.43 |
|        | -8.5              | -9.1     | 97.40                     | 29.18 | 91.80 | 26.41 | 86.50 | 25.44 | 83.80 | 24.90 | 81.10 | 24.14 | 75.30 | 22.94 |
|        | -7                | -7.6     | 97.60                     | 27.02 | 91.80 | 25.49 | 86.50 | 24.68 | 83.80 | 24.14 | 81.10 | 23.39 | 75.30 | 22.23 |
|        | -5                | -5.6     | 97.60                     | 25.60 | 91.80 | 24.46 | 86.50 | 23.70 | 83.80 | 23.15 | 81.10 | 22.43 | 75.30 | 21.30 |
|        | -3                | -3.7     | 97.60                     | 24.48 | 91.80 | 23.44 | 86.50 | 22.72 | 83.80 | 22.15 | 81.10 | 21.47 | 75.30 | 20.36 |
|        | 0                 | -0.7     | 97.60                     | 22.79 | 91.80 | 21.89 | 86.50 | 21.24 | 83.80 | 20.67 | 81.10 | 20.05 | 75.30 | 18.97 |
|        | 3                 | 2.2      | 97.60                     | 21.11 | 91.80 | 20.34 | 86.50 | 19.77 | 83.80 | 19.18 | 81.10 | 18.60 | 75.30 | 17.60 |
|        | 5                 | 4.1      | 97.60                     | 20.00 | 91.80 | 19.32 | 86.50 | 18.78 | 83.80 | 18.19 | 81.10 | 17.64 | 75.30 | 16.66 |
|        | 7                 | 6        | 97.60                     | 18.86 | 91.80 | 18.29 | 86.50 | 17.80 | 83.80 | 17.19 | 81.10 | 16.68 | 75.30 | 15.73 |
|        | 9                 | 7.9      | 97.60                     | 17.83 | 91.80 | 17.28 | 86.50 | 16.83 | 83.80 | 16.25 | 81.10 | 15.76 | 75.30 | 14.86 |
|        | 11                | 9.8      | 97.60                     | 16.79 | 91.80 | 16.28 | 86.50 | 15.83 | 83.80 | 15.30 | 81.10 | 14.84 | 75.30 | 13.99 |
|        | 13                | 11.8     | 97.60                     | 15.74 | 91.80 | 15.26 | 86.50 | 14.85 | 83.80 | 14.34 | 81.10 | 13.92 | 75.30 | 13.12 |
|        | 15                | 13.7     | 97.60                     | 14.71 | 91.80 | 14.24 | 86.50 | 13.88 | 83.80 | 13.39 | 81.10 | 12.99 | 75.30 | 12.26 |
| 80     | -30               | -30.2    | 37.90                     | 25.36 | 37.90 | 26.05 | 37.70 | 26.54 | 37.70 | 25.97 | 37.70 | 31.42 | 37.20 | 29.98 |
|        | -24.8             | -25      | 63.20                     | 26.47 | 63.20 | 27.16 | 62.80 | 27.65 | 62.80 | 27.87 | 62.80 | 29.03 | 62.00 | 27.71 |
|        | -21.8             | -22      | 74.60                     | 27.11 | 74.60 | 27.80 | 74.60 | 28.29 | 74.40 | 28.90 | 72.30 | 26.83 | 67.30 | 24.92 |
|        | -19.8             | -20      | 77.60                     | 27.54 | 77.60 | 28.22 | 77.00 | 28.72 | 75.00 | 27.06 | 72.30 | 25.31 | 67.30 | 24.10 |
|        | -18.8             | -19      | 79.40                     | 27.75 | 79.40 | 28.91 | 77.30 | 27.72 | 75.00 | 26.19 | 72.30 | 24.81 | 67.30 | 23.70 |
|        | -16.7             | -17      | 81.90                     | 28.88 | 81.90 | 27.88 | 77.30 | 25.86 | 75.00 | 25.02 | 72.30 | 23.91 | 67.30 | 22.84 |
|        | -15               | -15.9    | 83.70                     | 28.11 | 82.40 | 26.96 | 77.30 | 25.16 | 75.00 | 24.34 | 72.30 | 23.28 | 67.30 | 22.22 |
|        | -13.7             | -15      | 85.60                     | 27.35 | 82.40 | 25.90 | 77.30 | 24.48 | 75.00 | 23.65 | 72.30 | 22.63 | 67.30 | 21.61 |
|        | -11.8             | -13      | 87.40                     | 26.12 | 82.40 | 24.53 | 77.30 | 23.59 | 75.00 | 22.79 | 72.30 | 21.83 | 67.30 | 20.84 |
|        | -9.8              | -11      | 87.40                     | 24.46 | 82.40 | 23.29 | 77.30 | 22.68 | 75.00 | 21.90 | 72.30 | 20.98 | 67.30 | 20.03 |
|        | -9.5              | -10      | 87.40                     | 24.18 | 82.40 | 23.04 | 77.30 | 22.54 | 75.00 | 21.77 | 72.30 | 20.85 | 67.30 | 19.91 |
|        | -8.5              | -9.1     | 87.40                     | 23.48 | 82.40 | 22.53 | 77.30 | 22.09 | 75.00 | 21.32 | 72.30 | 20.42 | 67.30 | 19.50 |
|        | -7                | -7.6     | 87.40                     | 22.59 | 82.40 | 21.85 | 77.30 | 21.39 | 75.00 | 20.63 | 72.30 | 19.80 | 67.30 | 18.90 |
|        | -5                | -5.6     | 87.40                     | 21.66 | 82.40 | 20.96 | 77.30 | 20.52 | 75.00 | 19.76 | 72.30 | 18.97 | 67.30 | 18.12 |
|        | -3                | -3.7     | 87.40                     | 20.73 | 82.40 | 20.07 | 77.30 | 19.62 | 75.00 | 18.90 | 72.30 | 18.16 | 67.30 | 17.33 |
|        | 0                 | -0.7     | 87.40                     | 19.34 | 82.40 | 18.75 | 77.30 | 18.29 | 75.00 | 17.59 | 72.30 | 16.93 | 67.30 | 16.17 |
|        | 3                 | 2.2      | 87.40                     | 17.96 | 82.40 | 17.41 | 77.30 | 16.96 | 75.00 | 16.28 | 72.30 | 15.70 | 67.30 | 15.00 |
|        | 5                 | 4.1      | 87.40                     | 17.03 | 82.40 | 16.52 | 77.30 | 16.07 | 75.00 | 15.41 | 72.30 | 14.89 | 67.30 | 14.22 |
|        | 7                 | 6        | 87.40                     | 16.11 | 82.40 | 15.63 | 77.30 | 15.18 | 75.00 | 14.54 | 72.30 | 14.07 | 67.30 | 13.43 |
|        | 9                 | 7.9      | 87.40                     | 15.12 | 82.40 | 14.68 | 77.30 | 14.26 | 75.00 | 13.65 | 72.30 | 13.21 | 67.30 | 12.62 |
|        | 11                | 9.8      | 87.40                     | 14.04 | 82.40 | 13.62 | 77.30 | 13.23 | 75.00 | 12.67 | 72.30 | 12.26 | 67.30 | 11.71 |
|        | 13                | 11.8     | 87.40                     | 13.10 | 82.40 | 12.72 | 77.30 | 12.35 | 75.00 | 11.82 | 72.30 | 11.45 | 67.30 | 10.92 |
|        | 15                | 13.7     | 87.40                     | 12.33 | 82.40 | 11.97 | 77.30 | 11.62 | 75.00 | 11.13 | 72.30 | 10.78 | 67.30 | 10.29 |
| 70     | -30               | -30.2    | 37.90                     | 25.74 | 37.90 | 25.96 | 37.70 | 26.44 | 37.70 | 30.78 | 37.70 | 29.23 | 36.50 | 27.81 |
|        | -24.8             | -25      | 63.20                     | 26.87 | 63.20 | 27.08 | 62.80 | 27.55 | 62.80 | 28.24 | 61.70 | 26.39 | 57.50 | 24.08 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 70.20                     | 27.50 | 69.90 | 27.60 | 65.80 | 26.60 | 63.60 | 25.29 | 61.70 | 24.04 | 57.50 | 22.84 |
|        | -19.8             | -20      | 73.90                     | 27.56 | 70.00 | 26.57 | 65.80 | 25.63 | 63.60 | 24.36 | 61.70 | 23.18 | 57.50 | 22.03 |
|        | -18.8             | -19      | 74.10                     | 27.09 | 70.00 | 26.06 | 65.80 | 25.15 | 63.60 | 23.91 | 61.70 | 22.76 | 57.50 | 21.62 |
|        | -16.7             | -17      | 74.10                     | 25.51 | 70.00 | 25.01 | 65.80 | 24.14 | 63.60 | 22.95 | 61.70 | 21.87 | 57.50 | 20.77 |
|        | -15               | -15.9    | 74.10                     | 24.76 | 70.00 | 24.27 | 65.80 | 23.41 | 63.60 | 22.26 | 61.70 | 21.23 | 57.50 | 20.16 |
|        | -13.7             | -15      | 74.10                     | 24.02 | 70.00 | 23.53 | 65.80 | 22.70 | 63.60 | 21.58 | 61.70 | 20.60 | 57.50 | 19.55 |
|        | -11.8             | -13      | 74.10                     | 23.08 | 70.00 | 22.57 | 65.80 | 21.79 | 63.60 | 20.72 | 61.70 | 19.80 | 57.50 | 18.78 |
|        | -9.8              | -11      | 74.10                     | 22.10 | 70.00 | 21.60 | 65.80 | 20.85 | 63.60 | 19.83 | 61.70 | 18.95 | 57.50 | 17.96 |
|        | -9.5              | -10      | 74.10                     | 21.94 | 70.00 | 21.44 | 65.80 | 20.71 | 63.60 | 19.70 | 61.70 | 18.83 | 57.50 | 17.84 |
|        | -8.5              | -9.1     | 74.10                     | 21.46 | 70.00 | 20.96 | 65.80 | 20.22 | 63.60 | 19.24 | 61.70 | 18.41 | 57.50 | 17.44 |
|        | -7                | -7.6     | 74.10                     | 20.73 | 70.00 | 20.21 | 65.80 | 19.50 | 63.60 | 18.57 | 61.70 | 17.79 | 57.50 | 16.84 |
|        | -5                | -5.6     | 74.10                     | 19.77 | 70.00 | 19.26 | 65.80 | 18.59 | 63.60 | 17.69 | 61.70 | 16.96 | 57.50 | 16.05 |
|        | -3                | -3.7     | 74.10                     | 18.82 | 70.00 | 18.29 | 65.80 | 17.66 | 63.60 | 16.81 | 61.70 | 16.15 | 57.50 | 15.27 |
|        | 0                 | -0.7     | 74.10                     | 17.39 | 70.00 | 16.85 | 65.80 | 16.28 | 63.60 | 15.51 | 61.70 | 14.92 | 57.50 | 14.09 |
|        | 3                 | 2.2      | 74.10                     | 15.96 | 70.00 | 15.41 | 65.80 | 14.88 | 63.60 | 14.19 | 61.70 | 13.70 | 57.50 | 12.91 |
|        | 5                 | 4.1      | 74.10                     | 15.00 | 70.00 | 14.45 | 65.80 | 13.96 | 63.60 | 13.33 | 61.70 | 12.88 | 57.50 | 12.13 |
|        | 7                 | 6        | 74.10                     | 14.05 | 70.00 | 13.49 | 65.80 | 13.04 | 63.60 | 12.45 | 61.70 | 12.06 | 57.50 | 11.35 |
|        | 9                 | 7.9      | 74.10                     | 12.69 | 70.00 | 12.18 | 65.80 | 11.77 | 63.60 | 11.23 | 61.70 | 10.90 | 57.50 | 10.25 |
|        | 11                | 9.8      | 74.10                     | 11.82 | 70.00 | 11.34 | 65.80 | 10.96 | 63.60 | 10.46 | 61.70 | 10.15 | 57.50 | 9.54  |
|        | 13                | 11.8     | 74.10                     | 11.06 | 70.00 | 10.61 | 65.80 | 10.26 | 63.60 | 9.78  | 61.70 | 9.50  | 57.50 | 8.93  |
|        | 15                | 13.7     | 74.10                     | 10.43 | 70.00 | 10.00 | 65.80 | 9.67  | 63.60 | 9.23  | 61.70 | 8.96  | 57.50 | 8.41  |
| 60     | -30               | -30.2    | 36.10                     | 25.32 | 36.10 | 25.79 | 35.90 | 30.28 | 34.70 | 28.62 | 33.50 | 27.07 | 31.30 | 25.70 |
|        | -24.8             | -25      | 60.10                     | 26.44 | 60.00 | 26.85 | 56.50 | 26.06 | 54.50 | 24.66 | 52.70 | 23.35 | 49.30 | 22.13 |
|        | -21.8             | -22      | 63.60                     | 26.74 | 60.20 | 26.01 | 56.50 | 24.61 | 54.50 | 23.31 | 52.70 | 22.10 | 49.30 | 20.91 |
|        | -19.8             | -20      | 63.60                     | 25.97 | 60.20 | 24.99 | 56.50 | 23.66 | 54.50 | 22.41 | 52.70 | 21.25 | 49.30 | 20.11 |
|        | -18.8             | -19      | 63.60                     | 25.46 | 60.20 | 24.47 | 56.50 | 23.17 | 54.50 | 21.96 | 52.70 | 20.83 | 49.30 | 19.70 |
|        | -16.7             | -17      | 63.60                     | 24.37 | 60.20 | 23.41 | 56.50 | 22.17 | 54.50 | 21.03 | 52.70 | 19.95 | 49.30 | 18.86 |
|        | -15               | -15.9    | 63.60                     | 23.60 | 60.20 | 22.65 | 56.50 | 21.46 | 54.50 | 20.37 | 52.70 | 19.32 | 49.30 | 18.25 |
|        | -13.7             | -15      | 63.60                     | 22.83 | 60.20 | 21.89 | 56.50 | 20.75 | 54.50 | 19.70 | 52.70 | 18.70 | 49.30 | 17.65 |
|        | -11.8             | -13      | 63.60                     | 21.86 | 60.20 | 20.94 | 56.50 | 19.84 | 54.50 | 18.85 | 52.70 | 17.92 | 49.30 | 16.91 |
|        | -9.8              | -11      | 63.60                     | 20.84 | 60.20 | 19.93 | 56.50 | 18.90 | 54.50 | 17.97 | 52.70 | 17.08 | 49.30 | 16.10 |
|        | -9.5              | -10      | 63.60                     | 20.68 | 60.20 | 19.79 | 56.50 | 18.76 | 54.50 | 17.83 | 52.70 | 16.96 | 49.30 | 15.97 |
|        | -8.5              | -9.1     | 63.60                     | 20.18 | 60.20 | 19.29 | 56.50 | 18.29 | 54.50 | 17.40 | 52.70 | 16.54 | 49.30 | 15.58 |
|        | -7                | -7.6     | 63.60                     | 19.42 | 60.20 | 18.54 | 56.50 | 17.58 | 54.50 | 16.74 | 52.70 | 15.91 | 49.30 | 14.99 |
|        | -5                | -5.6     | 63.60                     | 18.43 | 60.20 | 17.56 | 56.50 | 16.67 | 54.50 | 15.88 | 52.70 | 15.12 | 49.30 | 14.21 |
|        | -3                | -3.7     | 63.60                     | 17.44 | 60.20 | 16.58 | 56.50 | 15.75 | 54.50 | 15.01 | 52.70 | 14.31 | 49.30 | 13.44 |
|        | 0                 | -0.7     | 63.60                     | 15.95 | 60.20 | 15.11 | 56.50 | 14.37 | 54.50 | 13.73 | 52.70 | 13.10 | 49.30 | 12.27 |
|        | 3                 | 2.2      | 63.60                     | 14.48 | 60.20 | 13.66 | 56.50 | 12.99 | 54.50 | 12.44 | 52.70 | 11.89 | 49.30 | 11.11 |
|        | 5                 | 4.1      | 63.60                     | 13.49 | 60.20 | 12.68 | 56.50 | 12.08 | 54.50 | 11.58 | 52.70 | 11.09 | 49.30 | 10.34 |
|        | 7                 | 6        | 63.60                     | 12.49 | 60.20 | 11.70 | 56.50 | 11.16 | 54.50 | 10.71 | 52.70 | 10.29 | 49.30 | 9.55  |
|        | 9                 | 7.9      | 63.60                     | 11.15 | 60.20 | 10.44 | 56.50 | 9.95  | 54.50 | 9.57  | 52.70 | 9.17  | 49.30 | 8.52  |
|        | 11                | 9.8      | 63.60                     | 10.41 | 60.20 | 9.75  | 56.50 | 9.29  | 54.50 | 8.93  | 52.70 | 8.56  | 49.30 | 7.97  |
|        | 13                | 11.8     | 63.60                     | 9.75  | 60.20 | 9.12  | 56.50 | 8.71  | 54.50 | 8.36  | 52.70 | 8.03  | 49.30 | 7.47  |
|        | 15                | 13.7     | 63.60                     | 9.21  | 60.20 | 8.63  | 56.50 | 8.24  | 54.50 | 7.90  | 52.70 | 7.58  | 49.30 | 7.06  |
| 50     | -30               | -30.2    | 33.70                     | 22.41 | 31.80 | 26.63 | 29.80 | 25.17 | 29.00 | 23.77 | 28.00 | 22.44 | 26.10 | 21.29 |
|        | -24.8             | -25      | 53.00                     | 22.22 | 50.00 | 22.87 | 47.00 | 21.62 | 45.50 | 20.45 | 44.00 | 19.34 | 41.00 | 18.31 |
|        | -21.8             | -22      | 53.00                     | 22.83 | 50.00 | 21.58 | 47.00 | 20.40 | 45.50 | 19.30 | 44.00 | 18.28 | 41.00 | 17.30 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 53.00                     | 21.92 | 50.00 | 20.72 | 47.00 | 19.60 | 45.50 | 18.54 | 44.00 | 17.58 | 41.00 | 16.62 |
|        | -18.8             | -19      | 53.00                     | 21.47 | 50.00 | 20.27 | 47.00 | 19.21 | 45.50 | 18.17 | 44.00 | 17.23 | 41.00 | 16.30 |
|        | -16.7             | -17      | 53.00                     | 20.52 | 50.00 | 19.39 | 47.00 | 18.36 | 45.50 | 17.38 | 44.00 | 16.48 | 41.00 | 15.58 |
|        | -15               | -15.9    | 53.00                     | 19.85 | 50.00 | 18.73 | 47.00 | 17.76 | 45.50 | 16.81 | 44.00 | 15.96 | 41.00 | 15.07 |
|        | -13.7             | -15      | 53.00                     | 19.17 | 50.00 | 18.09 | 47.00 | 17.17 | 45.50 | 16.25 | 44.00 | 15.43 | 41.00 | 14.57 |
|        | -11.8             | -13      | 53.00                     | 18.33 | 50.00 | 17.29 | 47.00 | 16.39 | 45.50 | 15.53 | 44.00 | 14.77 | 41.00 | 13.95 |
|        | -9.8              | -11      | 53.00                     | 17.43 | 50.00 | 16.43 | 47.00 | 15.61 | 45.50 | 14.79 | 44.00 | 14.08 | 41.00 | 13.27 |
|        | -9.5              | -10      | 53.00                     | 17.30 | 50.00 | 16.31 | 47.00 | 15.49 | 45.50 | 14.68 | 44.00 | 13.97 | 41.00 | 13.18 |
|        | -8.5              | -9.1     | 53.00                     | 16.84 | 50.00 | 15.88 | 47.00 | 15.10 | 45.50 | 14.31 | 44.00 | 13.63 | 41.00 | 12.85 |
|        | -7                | -7.6     | 53.00                     | 16.18 | 50.00 | 15.25 | 47.00 | 14.51 | 45.50 | 13.73 | 44.00 | 13.11 | 41.00 | 12.35 |
|        | -5                | -5.6     | 53.00                     | 15.31 | 50.00 | 14.43 | 47.00 | 13.73 | 45.50 | 13.01 | 44.00 | 12.44 | 41.00 | 11.71 |
|        | -3                | -3.7     | 53.00                     | 14.44 | 50.00 | 13.60 | 47.00 | 12.95 | 45.50 | 12.29 | 44.00 | 11.76 | 41.00 | 11.05 |
|        | 0                 | -0.7     | 53.00                     | 13.14 | 50.00 | 12.35 | 47.00 | 11.81 | 45.50 | 11.20 | 44.00 | 10.74 | 41.00 | 10.09 |
|        | 3                 | 2.2      | 53.00                     | 11.83 | 50.00 | 11.11 | 47.00 | 10.64 | 45.50 | 10.10 | 44.00 | 9.73  | 41.00 | 9.11  |
|        | 5                 | 4.1      | 53.00                     | 10.96 | 50.00 | 10.28 | 47.00 | 9.88  | 45.50 | 9.37  | 44.00 | 9.06  | 41.00 | 8.47  |
|        | 7                 | 6        | 53.00                     | 10.09 | 50.00 | 9.45  | 47.00 | 9.12  | 45.50 | 8.65  | 44.00 | 8.37  | 41.00 | 7.82  |
|        | 9                 | 7.9      | 53.00                     | 9.12  | 50.00 | 8.53  | 47.00 | 8.23  | 45.50 | 7.82  | 44.00 | 7.57  | 41.00 | 7.06  |
|        | 11                | 9.8      | 53.00                     | 8.53  | 50.00 | 7.98  | 47.00 | 7.70  | 45.50 | 7.31  | 44.00 | 7.08  | 41.00 | 6.60  |
|        | 13                | 11.8     | 53.00                     | 8.01  | 50.00 | 7.50  | 47.00 | 7.22  | 45.50 | 6.86  | 44.00 | 6.65  | 41.00 | 6.21  |
|        | 15                | 13.7     | 53.00                     | 7.58  | 50.00 | 7.10  | 47.00 | 6.83  | 45.50 | 6.50  | 44.00 | 6.29  | 41.00 | 5.87  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM320LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 40.30                     | 33.01 | 40.30 | 33.30 | 40.00 | 33.57 | 40.00 | 33.96 | 40.00 | 34.36 | 39.50 | 34.95 |
|        | -24.8             | -25      | 67.10                     | 33.93 | 67.10 | 34.22 | 66.70 | 34.48 | 66.70 | 34.88 | 66.70 | 35.26 | 65.90 | 35.84 |
|        | -21.8             | -22      | 80.90                     | 34.46 | 80.90 | 34.75 | 80.40 | 35.02 | 80.40 | 35.40 | 80.40 | 35.78 | 79.30 | 36.36 |
|        | -19.8             | -20      | 85.00                     | 34.81 | 85.00 | 35.11 | 84.40 | 35.36 | 84.40 | 35.75 | 84.40 | 36.12 | 83.30 | 36.71 |
|        | -18.8             | -19      | 86.90                     | 34.98 | 86.90 | 35.28 | 86.30 | 35.53 | 86.30 | 35.92 | 86.30 | 36.29 | 85.10 | 36.88 |
|        | -16.7             | -17      | 90.90                     | 35.35 | 90.90 | 35.64 | 90.30 | 35.90 | 90.30 | 36.28 | 90.30 | 36.64 | 89.00 | 37.24 |
|        | -15               | -15.9    | 93.70                     | 35.60 | 93.70 | 35.89 | 93.20 | 36.15 | 93.20 | 36.53 | 93.20 | 36.90 | 91.90 | 36.45 |
|        | -13.7             | -15      | 96.60                     | 35.87 | 96.60 | 36.15 | 96.10 | 36.41 | 96.10 | 36.79 | 96.10 | 37.17 | 94.70 | 35.67 |
|        | -11.8             | -13      | 99.80                     | 36.19 | 99.80 | 36.48 | 99.10 | 36.74 | 99.10 | 37.13 | 99.10 | 36.11 | 98.20 | 34.67 |
|        | -9.8              | -11      | 103.1                     | 36.53 | 103.1 | 36.83 | 102.4 | 37.08 | 102.4 | 36.00 | 102.4 | 35.00 | 101.5 | 33.64 |
|        | -9.5              | -10      | 103.7                     | 36.59 | 103.7 | 36.87 | 103.1 | 36.90 | 103.1 | 35.82 | 102.9 | 34.84 | 102.0 | 33.48 |
|        | -8.5              | -9.1     | 105.9                     | 36.76 | 105.9 | 37.05 | 105.2 | 36.31 | 105.2 | 35.26 | 104.5 | 34.28 | 103.9 | 32.96 |
|        | -7                | -7.6     | 109.3                     | 37.01 | 109.3 | 36.18 | 108.5 | 35.45 | 108.5 | 34.40 | 108.5 | 33.45 | 107.2 | 32.18 |
|        | -5                | -5.6     | 113.6                     | 35.92 | 113.6 | 35.08 | 112.9 | 34.33 | 112.9 | 33.32 | 112.9 | 32.39 | 110.8 | 31.19 |
|        | -3                | -3.7     | 118.1                     | 34.82 | 118.1 | 33.96 | 117.3 | 33.20 | 117.3 | 32.22 | 117.3 | 31.32 | 113.5 | 29.94 |
|        | 0                 | -0.7     | 124.5                     | 33.19 | 124.5 | 32.31 | 123.9 | 31.51 | 123.7 | 30.54 | 122.0 | 29.27 | 113.8 | 27.27 |
|        | 3                 | 2.2      | 129.3                     | 31.11 | 129.3 | 30.21 | 128.6 | 29.44 | 126.7 | 28.17 | 122.2 | 26.70 | 113.8 | 25.70 |
|        | 5                 | 4.1      | 130.3                     | 29.40 | 130.3 | 28.49 | 129.9 | 27.78 | 126.7 | 26.55 | 122.2 | 25.55 | 113.8 | 24.75 |
|        | 7                 | 6        | 130.3                     | 27.82 | 130.3 | 26.93 | 129.9 | 26.21 | 126.7 | 25.31 | 122.2 | 24.55 | 113.8 | 23.82 |
|        | 9                 | 7.9      | 130.3                     | 26.88 | 130.3 | 26.01 | 129.9 | 25.26 | 126.7 | 24.52 | 122.2 | 23.80 | 113.8 | 23.08 |
| 120    | 11                | 9.8      | 130.3                     | 26.25 | 130.3 | 25.40 | 129.9 | 24.68 | 126.7 | 23.95 | 122.2 | 23.24 | 113.8 | 22.54 |
|        | 13                | 11.8     | 130.3                     | 25.57 | 130.3 | 24.76 | 129.9 | 24.03 | 126.7 | 23.34 | 122.2 | 22.65 | 113.8 | 21.97 |
|        | 15                | 13.7     | 130.3                     | 24.87 | 130.3 | 24.06 | 129.9 | 23.35 | 126.7 | 22.69 | 122.2 | 22.01 | 113.8 | 21.34 |
|        | -30               | -30.2    | 40.00                     | 33.30 | 40.00 | 33.57 | 39.70 | 33.96 | 39.70 | 34.36 | 39.70 | 34.95 | 39.20 | 35.39 |
|        | -24.8             | -25      | 66.70                     | 34.22 | 66.70 | 34.48 | 66.20 | 34.88 | 66.20 | 35.26 | 66.20 | 35.84 | 65.30 | 36.27 |
|        | -21.8             | -22      | 80.40                     | 34.75 | 80.40 | 35.02 | 79.80 | 35.40 | 79.80 | 35.78 | 79.80 | 36.36 | 78.80 | 36.77 |
|        | -19.8             | -20      | 84.40                     | 35.11 | 84.40 | 35.36 | 83.90 | 35.75 | 83.90 | 36.12 | 83.90 | 36.71 | 82.70 | 37.11 |
|        | -18.8             | -19      | 86.30                     | 35.28 | 86.30 | 35.53 | 85.70 | 35.92 | 85.70 | 36.29 | 85.70 | 36.88 | 84.60 | 37.29 |
|        | -16.7             | -17      | 90.30                     | 35.64 | 90.30 | 35.90 | 89.70 | 36.28 | 89.70 | 36.64 | 89.70 | 37.24 | 88.40 | 36.27 |
|        | -15               | -15.9    | 93.10                     | 35.89 | 93.10 | 36.15 | 92.50 | 36.53 | 92.50 | 36.90 | 92.50 | 36.48 | 91.20 | 35.55 |
|        | -13.7             | -15      | 95.80                     | 36.15 | 95.80 | 36.41 | 95.30 | 36.79 | 95.30 | 37.17 | 95.30 | 35.72 | 94.10 | 34.83 |
|        | -11.8             | -13      | 99.00                     | 36.48 | 99.00 | 36.74 | 98.30 | 37.13 | 98.30 | 36.10 | 98.30 | 34.77 | 97.40 | 33.91 |
|        | -9.8              | -11      | 102.2                     | 36.83 | 102.2 | 37.08 | 101.6 | 35.95 | 101.6 | 34.98 | 101.6 | 33.77 | 100.9 | 32.96 |
|        | -9.5              | -10      | 103.1                     | 36.87 | 103.1 | 36.89 | 102.3 | 35.78 | 102.3 | 34.82 | 102.3 | 33.62 | 101.5 | 32.81 |
|        | -8.5              | -9.1     | 105.1                     | 37.05 | 105.1 | 36.26 | 104.5 | 35.18 | 104.5 | 34.26 | 104.5 | 33.12 | 103.6 | 32.33 |
|        | -7                | -7.6     | 108.4                     | 36.12 | 108.4 | 35.33 | 107.8 | 34.32 | 107.8 | 33.42 | 107.6 | 32.37 | 105.9 | 31.50 |
|        | -5                | -5.6     | 112.9                     | 34.91 | 112.9 | 34.13 | 112.0 | 33.18 | 112.0 | 32.34 | 112.0 | 31.41 | 106.9 | 29.79 |
|        | -3                | -3.7     | 117.2                     | 33.71 | 117.2 | 32.94 | 116.5 | 32.05 | 116.5 | 31.26 | 115.0 | 30.08 | 106.9 | 28.12 |
|        | 0                 | -0.7     | 123.7                     | 31.91 | 123.7 | 31.14 | 121.7 | 30.07 | 118.7 | 28.65 | 115.0 | 27.42 | 106.9 | 26.83 |
| 110    | 3                 | 2.2      | 128.4                     | 29.65 | 127.9 | 28.80 | 122.9 | 27.42 | 118.7 | 26.50 | 115.0 | 26.05 | 106.9 | 25.54 |
|        | 5                 | 4.1      | 129.3                     | 27.90 | 127.9 | 26.98 | 122.9 | 26.02 | 118.7 | 25.49 | 115.0 | 25.16 | 106.9 | 24.68 |
|        | 7                 | 6        | 129.3                     | 26.23 | 127.9 | 25.45 | 122.9 | 24.95 | 118.7 | 24.48 | 115.0 | 24.25 | 106.9 | 23.81 |
|        | 9                 | 7.9      | 129.3                     | 25.30 | 127.9 | 24.61 | 122.9 | 24.13 | 118.7 | 23.67 | 115.0 | 23.44 | 106.9 | 23.02 |
|        | 11                | 9.8      | 129.3                     | 24.66 | 127.9 | 23.98 | 122.9 | 23.50 | 118.7 | 23.06 | 115.0 | 22.84 | 106.9 | 22.44 |
|        | 13                | 11.8     | 129.3                     | 23.96 | 127.9 | 23.31 | 122.9 | 22.85 | 118.7 | 22.42 | 115.0 | 22.20 | 106.9 | 21.80 |
|        | 15                | 13.7     | 129.3                     | 23.22 | 127.9 | 22.59 | 122.9 | 22.15 | 118.7 | 21.73 | 115.0 | 21.52 | 106.9 | 21.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 39.80                     | 33.57 | 39.80 | 33.96 | 39.60 | 34.36 | 39.60 | 34.95 | 39.60 | 35.39 | 39.00 | 35.54 |
|        | -24.8             | -25      | 66.30                     | 34.48 | 66.30 | 34.88 | 65.90 | 35.26 | 65.90 | 35.84 | 65.90 | 36.27 | 65.00 | 36.45 |
|        | -21.8             | -22      | 79.90                     | 35.02 | 79.90 | 35.40 | 79.40 | 35.78 | 79.40 | 36.36 | 79.40 | 36.77 | 78.40 | 36.98 |
|        | -19.8             | -20      | 83.90                     | 35.36 | 83.90 | 35.75 | 83.50 | 36.12 | 83.50 | 36.71 | 83.50 | 37.11 | 82.20 | 37.31 |
|        | -18.8             | -19      | 85.70                     | 35.53 | 85.70 | 35.92 | 85.20 | 36.29 | 85.20 | 36.88 | 85.20 | 37.29 | 84.10 | 36.78 |
|        | -16.7             | -17      | 89.80                     | 35.90 | 89.80 | 36.28 | 89.10 | 36.64 | 89.10 | 37.24 | 89.10 | 36.20 | 87.90 | 35.67 |
|        | -15               | -15.9    | 92.60                     | 36.15 | 92.60 | 36.53 | 91.90 | 36.90 | 91.90 | 36.42 | 91.90 | 35.42 | 91.30 | 34.87 |
|        | -13.7             | -15      | 95.40                     | 36.41 | 95.40 | 36.79 | 94.70 | 37.17 | 94.70 | 35.60 | 94.70 | 34.65 | 94.70 | 34.09 |
|        | -11.8             | -13      | 98.40                     | 36.74 | 98.40 | 37.13 | 97.80 | 36.01 | 97.80 | 34.56 | 97.80 | 33.67 | 96.20 | 32.55 |
|        | -9.8              | -11      | 101.7                     | 37.08 | 101.7 | 35.83 | 101.1 | 34.80 | 101.1 | 33.47 | 101.1 | 32.64 | 96.20 | 30.62 |
|        | -9.5              | -10      | 102.3                     | 36.86 | 102.3 | 35.62 | 101.8 | 34.61 | 101.8 | 33.31 | 101.8 | 32.49 | 96.20 | 30.21 |
|        | -8.5              | -9.1     | 104.6                     | 36.17 | 104.6 | 34.97 | 103.9 | 34.02 | 103.9 | 32.76 | 103.0 | 31.70 | 96.20 | 29.62 |
|        | -7                | -7.6     | 107.9                     | 35.11 | 107.9 | 33.99 | 107.3 | 33.10 | 106.6 | 31.74 | 103.0 | 29.97 | 96.20 | 28.89 |
|        | -5                | -5.6     | 112.2                     | 33.75 | 112.2 | 32.74 | 110.2 | 31.57 | 106.6 | 29.54 | 103.0 | 28.54 | 96.20 | 27.93 |
|        | -3                | -3.7     | 116.5                     | 32.40 | 116.0 | 31.35 | 110.2 | 29.32 | 106.6 | 28.19 | 103.0 | 27.61 | 96.20 | 27.00 |
|        | 0                 | -0.7     | 122.2                     | 30.16 | 117.4 | 28.36 | 110.2 | 27.40 | 106.6 | 26.70 | 103.0 | 26.22 | 96.20 | 25.57 |
|        | 3                 | 2.2      | 124.3                     | 27.28 | 117.4 | 26.18 | 110.2 | 25.75 | 106.6 | 25.24 | 103.0 | 24.83 | 96.20 | 24.15 |
|        | 5                 | 4.1      | 124.3                     | 25.46 | 117.4 | 25.01 | 110.2 | 24.66 | 106.6 | 24.24 | 103.0 | 23.90 | 96.20 | 23.20 |
|        | 7                 | 6        | 124.3                     | 24.17 | 117.4 | 23.81 | 110.2 | 23.55 | 106.6 | 23.26 | 103.0 | 22.96 | 96.20 | 22.25 |
|        | 9                 | 7.9      | 124.3                     | 23.28 | 117.4 | 22.92 | 110.2 | 22.68 | 106.6 | 22.40 | 103.0 | 22.10 | 96.20 | 21.42 |
|        | 11                | 9.8      | 124.3                     | 22.57 | 117.4 | 22.24 | 110.2 | 21.99 | 106.6 | 21.71 | 103.0 | 21.43 | 96.20 | 20.77 |
|        | 13                | 11.8     | 124.3                     | 21.82 | 117.4 | 21.51 | 110.2 | 21.26 | 106.6 | 21.00 | 103.0 | 20.72 | 96.20 | 20.09 |
|        | 15                | 13.7     | 124.3                     | 21.03 | 117.4 | 20.72 | 110.2 | 20.48 | 106.6 | 20.24 | 103.0 | 19.98 | 96.20 | 19.35 |
| 100    | -30               | -30.2    | 39.60                     | 38.50 | 39.60 | 38.42 | 39.40 | 33.80 | 39.40 | 38.17 | 39.40 | 37.21 | 38.80 | 38.03 |
|        | -24.8             | -25      | 66.00                     | 38.14 | 66.00 | 38.05 | 65.70 | 35.64 | 65.70 | 37.81 | 65.70 | 37.72 | 64.70 | 37.67 |
|        | -21.8             | -22      | 79.50                     | 37.94 | 79.50 | 37.83 | 79.10 | 36.69 | 79.10 | 37.61 | 79.10 | 38.01 | 78.00 | 37.47 |
|        | -19.8             | -20      | 83.60                     | 37.78 | 83.60 | 37.68 | 83.00 | 37.35 | 83.00 | 37.45 | 83.00 | 37.53 | 81.90 | 37.31 |
|        | -18.8             | -19      | 85.40                     | 37.70 | 84.90 | 37.63 | 84.90 | 37.53 | 84.90 | 37.38 | 84.90 | 37.29 | 83.80 | 36.68 |
|        | -16.7             | -17      | 88.80                     | 37.57 | 88.80 | 37.47 | 88.80 | 37.89 | 88.30 | 37.24 | 88.30 | 35.98 | 87.10 | 35.36 |
|        | -15               | -15.9    | 91.90                     | 37.45 | 91.90 | 37.36 | 91.60 | 37.52 | 91.40 | 36.29 | 91.40 | 35.04 | 87.90 | 33.58 |
|        | -13.7             | -15      | 94.90                     | 37.35 | 94.90 | 37.26 | 94.30 | 37.17 | 94.30 | 35.34 | 94.30 | 34.11 | 87.90 | 31.60 |
|        | -11.8             | -13      | 97.90                     | 37.22 | 97.40 | 37.13 | 97.40 | 35.89 | 97.40 | 34.14 | 94.40 | 31.91 | 87.90 | 30.46 |
|        | -9.8              | -11      | 101.2                     | 37.08 | 101.2 | 35.69 | 100.8 | 34.56 | 97.60 | 31.83 | 94.40 | 29.93 | 87.90 | 29.27 |
|        | -9.5              | -10      | 101.8                     | 36.85 | 101.8 | 35.47 | 100.8 | 34.16 | 97.60 | 31.48 | 94.40 | 29.75 | 87.90 | 29.10 |
|        | -8.5              | -9.1     | 104.1                     | 36.10 | 104.1 | 34.77 | 100.8 | 32.78 | 97.60 | 30.25 | 94.40 | 29.16 | 87.90 | 28.50 |
|        | -7                | -7.6     | 109.0                     | 34.97 | 107.2 | 33.24 | 100.8 | 30.84 | 97.60 | 29.36 | 94.40 | 28.29 | 87.90 | 27.62 |
|        | -5                | -5.6     | 113.4                     | 33.39 | 107.2 | 30.74 | 100.8 | 29.62 | 97.60 | 28.22 | 94.40 | 27.16 | 87.90 | 26.48 |
|        | -3                | -3.7     | 113.7                     | 31.13 | 107.2 | 29.21 | 100.8 | 28.41 | 97.60 | 27.06 | 94.40 | 26.04 | 87.90 | 25.33 |
|        | 0                 | -0.7     | 113.7                     | 28.22 | 107.2 | 27.24 | 100.8 | 26.56 | 97.60 | 25.35 | 94.40 | 24.34 | 87.90 | 23.62 |
|        | 3                 | 2.2      | 113.7                     | 26.15 | 107.2 | 25.29 | 100.8 | 24.73 | 97.60 | 23.62 | 94.40 | 22.66 | 87.90 | 21.90 |
|        | 5                 | 4.1      | 113.7                     | 24.78 | 107.2 | 23.98 | 100.8 | 23.50 | 97.60 | 22.46 | 94.40 | 21.52 | 87.90 | 20.75 |
|        | 7                 | 6        | 113.7                     | 23.41 | 107.2 | 22.67 | 100.8 | 22.27 | 97.60 | 21.31 | 94.40 | 20.40 | 87.90 | 19.61 |
|        | 9                 | 7.9      | 113.7                     | 22.38 | 107.2 | 21.69 | 100.8 | 21.30 | 97.60 | 20.38 | 94.40 | 19.51 | 87.90 | 18.75 |
|        | 11                | 9.8      | 113.7                     | 21.55 | 107.2 | 20.87 | 100.8 | 20.52 | 97.60 | 19.61 | 94.40 | 18.77 | 87.90 | 18.05 |
|        | 13                | 11.8     | 113.7                     | 20.67 | 107.2 | 20.01 | 100.8 | 19.67 | 97.60 | 18.82 | 94.40 | 18.01 | 87.90 | 17.31 |
|        | 15                | 13.7     | 113.7                     | 19.73 | 107.2 | 19.11 | 100.8 | 18.77 | 97.60 | 17.97 | 94.40 | 17.19 | 87.90 | 16.53 |
| 90     | -30               | -30.2    | 39.50                     | 33.09 | 39.50 | 33.66 | 39.20 | 34.08 | 39.20 | 34.27 | 39.20 | 34.69 | 38.70 | 39.11 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 65.80                     | 33.99 | 65.80 | 34.58 | 65.40 | 35.00 | 65.40 | 35.19 | 65.40 | 35.59 | 64.50 | 36.18 |
|        | -21.8             | -22      | 79.20                     | 34.51 | 79.20 | 35.11 | 78.80 | 35.53 | 78.80 | 35.71 | 78.80 | 36.12 | 77.70 | 34.50 |
|        | -19.8             | -20      | 83.30                     | 34.88 | 83.30 | 35.45 | 82.70 | 35.87 | 82.70 | 36.07 | 82.70 | 34.97 | 80.30 | 32.85 |
|        | -18.8             | -19      | 85.40                     | 35.05 | 84.90 | 35.64 | 84.60 | 36.04 | 84.60 | 35.47 | 84.60 | 34.39 | 80.30 | 31.60 |
|        | -16.7             | -17      | 88.80                     | 35.41 | 88.80 | 35.99 | 88.40 | 34.81 | 88.40 | 34.23 | 86.50 | 32.48 | 80.30 | 29.91 |
|        | -15               | -15.9    | 91.90                     | 35.66 | 91.90 | 35.08 | 91.20 | 33.94 | 89.40 | 32.69 | 86.50 | 31.08 | 80.30 | 29.13 |
|        | -13.7             | -15      | 94.90                     | 35.92 | 94.90 | 34.16 | 92.20 | 32.42 | 89.40 | 30.88 | 86.50 | 29.73 | 80.30 | 28.35 |
|        | -11.8             | -13      | 97.90                     | 34.68 | 97.40 | 33.02 | 92.20 | 30.35 | 89.40 | 29.62 | 86.50 | 28.71 | 80.30 | 27.35 |
|        | -9.8              | -11      | 101.2                     | 33.37 | 97.90 | 30.78 | 92.20 | 29.10 | 89.40 | 28.51 | 86.50 | 27.66 | 80.30 | 26.32 |
|        | -9.5              | -10      | 101.8                     | 33.16 | 97.90 | 30.40 | 92.20 | 28.93 | 89.40 | 28.34 | 86.50 | 27.50 | 80.30 | 26.17 |
|        | -8.5              | -9.1     | 103.9                     | 32.45 | 97.90 | 29.43 | 92.20 | 28.39 | 89.40 | 27.80 | 86.50 | 26.96 | 80.30 | 25.64 |
|        | -7                | -7.6     | 104.1                     | 30.10 | 97.90 | 28.46 | 92.20 | 27.57 | 89.40 | 26.98 | 86.50 | 26.15 | 80.30 | 24.87 |
|        | -5                | -5.6     | 104.1                     | 28.59 | 97.90 | 27.36 | 92.20 | 26.52 | 89.40 | 25.91 | 86.50 | 25.13 | 80.30 | 23.88 |
|        | -3                | -3.7     | 104.1                     | 27.40 | 97.90 | 26.26 | 92.20 | 25.47 | 89.40 | 24.84 | 86.50 | 24.09 | 80.30 | 22.86 |
|        | 0                 | -0.7     | 104.1                     | 25.61 | 97.90 | 24.60 | 92.20 | 23.90 | 89.40 | 23.25 | 86.50 | 22.56 | 80.30 | 21.37 |
|        | 3                 | 2.2      | 104.1                     | 23.81 | 97.90 | 22.97 | 92.20 | 22.32 | 89.40 | 21.66 | 86.50 | 21.00 | 80.30 | 19.87 |
|        | 5                 | 4.1      | 104.1                     | 22.62 | 97.90 | 21.87 | 92.20 | 21.26 | 89.40 | 20.59 | 86.50 | 19.98 | 80.30 | 18.86 |
|        | 7                 | 6        | 104.1                     | 21.43 | 97.90 | 20.78 | 92.20 | 20.22 | 89.40 | 19.53 | 86.50 | 18.95 | 80.30 | 17.87 |
|        | 9                 | 7.9      | 104.1                     | 20.32 | 97.90 | 19.69 | 92.20 | 19.17 | 89.40 | 18.50 | 86.50 | 17.96 | 80.30 | 16.93 |
|        | 11                | 9.8      | 104.1                     | 19.20 | 97.90 | 18.62 | 92.20 | 18.11 | 89.40 | 17.50 | 86.50 | 16.97 | 80.30 | 16.01 |
|        | 13                | 11.8     | 104.1                     | 18.09 | 97.90 | 17.54 | 92.20 | 17.06 | 89.40 | 16.48 | 86.50 | 15.99 | 80.30 | 15.07 |
|        | 15                | 13.7     | 104.1                     | 16.98 | 97.90 | 16.45 | 92.20 | 16.01 | 89.40 | 15.45 | 86.50 | 14.99 | 80.30 | 14.15 |
| 80     | -30               | -30.2    | 39.20                     | 29.01 | 39.20 | 29.61 | 39.10 | 30.05 | 39.10 | 29.53 | 39.10 | 34.73 | 38.50 | 33.19 |
|        | -24.8             | -25      | 65.50                     | 29.95 | 65.50 | 30.55 | 65.10 | 30.97 | 65.10 | 31.15 | 65.10 | 32.15 | 64.20 | 30.73 |
|        | -21.8             | -22      | 78.40                     | 30.49 | 78.40 | 31.08 | 78.40 | 31.50 | 78.40 | 32.09 | 77.10 | 30.18 | 71.80 | 27.69 |
|        | -19.8             | -20      | 82.30                     | 30.85 | 82.30 | 31.43 | 82.20 | 32.00 | 80.00 | 30.15 | 77.10 | 28.10 | 71.80 | 26.79 |
|        | -18.8             | -19      | 84.30                     | 31.03 | 84.30 | 32.02 | 82.50 | 30.84 | 80.00 | 29.04 | 77.10 | 27.58 | 71.80 | 26.36 |
|        | -16.7             | -17      | 87.40                     | 31.99 | 87.40 | 30.92 | 82.50 | 28.71 | 80.00 | 27.80 | 77.10 | 26.60 | 71.80 | 25.43 |
|        | -15               | -15.9    | 89.30                     | 31.16 | 87.90 | 29.93 | 82.50 | 27.96 | 80.00 | 27.06 | 77.10 | 25.91 | 71.80 | 24.76 |
|        | -13.7             | -15      | 91.30                     | 30.34 | 87.90 | 28.78 | 82.50 | 27.22 | 80.00 | 26.32 | 77.10 | 25.22 | 71.80 | 24.10 |
|        | -11.8             | -13      | 93.30                     | 29.16 | 87.90 | 27.39 | 82.50 | 26.27 | 80.00 | 25.41 | 77.10 | 24.35 | 71.80 | 23.27 |
|        | -9.8              | -11      | 93.30                     | 27.34 | 87.90 | 26.02 | 82.50 | 25.29 | 80.00 | 24.44 | 77.10 | 23.44 | 71.80 | 22.40 |
|        | -9.5              | -10      | 93.30                     | 27.01 | 87.90 | 25.75 | 82.50 | 25.14 | 80.00 | 24.30 | 77.10 | 23.30 | 71.80 | 22.26 |
|        | -8.5              | -9.1     | 93.30                     | 26.24 | 87.90 | 25.15 | 82.50 | 24.65 | 80.00 | 23.81 | 77.10 | 22.83 | 71.80 | 21.83 |
|        | -7                | -7.6     | 93.30                     | 25.22 | 87.90 | 24.40 | 82.50 | 23.91 | 80.00 | 23.07 | 77.10 | 22.16 | 71.80 | 21.16 |
|        | -5                | -5.6     | 93.30                     | 24.22 | 87.90 | 23.47 | 82.50 | 22.96 | 80.00 | 22.14 | 77.10 | 21.26 | 71.80 | 20.33 |
|        | -3                | -3.7     | 93.30                     | 23.23 | 87.90 | 22.51 | 82.50 | 22.01 | 80.00 | 21.20 | 77.10 | 20.38 | 71.80 | 19.47 |
|        | 0                 | -0.7     | 93.30                     | 21.75 | 87.90 | 21.09 | 82.50 | 20.57 | 80.00 | 19.80 | 77.10 | 19.06 | 71.80 | 18.21 |
|        | 3                 | 2.2      | 93.30                     | 20.27 | 87.90 | 19.65 | 82.50 | 19.14 | 80.00 | 18.38 | 77.10 | 17.74 | 71.80 | 16.95 |
|        | 5                 | 4.1      | 93.30                     | 19.28 | 87.90 | 18.71 | 82.50 | 18.19 | 80.00 | 17.45 | 77.10 | 16.86 | 71.80 | 16.10 |
|        | 7                 | 6        | 93.30                     | 18.29 | 87.90 | 17.75 | 82.50 | 17.24 | 80.00 | 16.51 | 77.10 | 15.97 | 71.80 | 15.25 |
|        | 9                 | 7.9      | 93.30                     | 17.17 | 87.90 | 16.67 | 82.50 | 16.19 | 80.00 | 15.51 | 77.10 | 15.00 | 71.80 | 14.33 |
|        | 11                | 9.8      | 93.30                     | 15.94 | 87.90 | 15.48 | 82.50 | 15.03 | 80.00 | 14.39 | 77.10 | 13.92 | 71.80 | 13.30 |
|        | 13                | 11.8     | 93.30                     | 14.88 | 87.90 | 14.45 | 82.50 | 14.03 | 80.00 | 13.43 | 77.10 | 13.00 | 71.80 | 12.40 |
|        | 15                | 13.7     | 93.30                     | 14.01 | 87.90 | 13.59 | 82.50 | 13.20 | 80.00 | 12.65 | 77.10 | 12.24 | 71.80 | 11.67 |
| 70     | -30               | -30.2    | 39.20                     | 29.16 | 39.20 | 29.38 | 39.10 | 29.78 | 39.10 | 34.04 | 39.10 | 32.37 | 38.40 | 30.82 |
|        | -24.8             | -25      | 65.50                     | 30.11 | 65.50 | 30.30 | 65.10 | 30.71 | 65.10 | 31.29 | 65.00 | 29.75 | 61.40 | 27.16 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 74.90                     | 30.65 | 74.60 | 30.71 | 70.20 | 29.50 | 67.80 | 28.07 | 65.80 | 26.71 | 61.40 | 25.42 |
|        | -19.8             | -20      | 79.00                     | 30.19 | 74.70 | 29.45 | 70.20 | 28.45 | 67.80 | 27.07 | 65.80 | 25.80 | 61.40 | 24.53 |
|        | -18.8             | -19      | 79.00                     | 29.51 | 74.70 | 28.92 | 70.20 | 27.93 | 67.80 | 26.57 | 65.80 | 25.32 | 61.40 | 24.08 |
|        | -16.7             | -17      | 79.00                     | 28.32 | 74.70 | 27.77 | 70.20 | 26.83 | 67.80 | 25.54 | 65.80 | 24.36 | 61.40 | 23.15 |
|        | -15               | -15.9    | 79.00                     | 27.51 | 74.70 | 26.97 | 70.20 | 26.04 | 67.80 | 24.79 | 65.80 | 23.66 | 61.40 | 22.48 |
|        | -13.7             | -15      | 79.00                     | 26.71 | 74.70 | 26.17 | 70.20 | 25.27 | 67.80 | 24.05 | 65.80 | 22.98 | 61.40 | 21.82 |
|        | -11.8             | -13      | 79.00                     | 25.69 | 74.70 | 25.14 | 70.20 | 24.29 | 67.80 | 23.12 | 65.80 | 22.10 | 61.40 | 20.98 |
|        | -9.8              | -11      | 79.00                     | 24.64 | 74.70 | 24.07 | 70.20 | 23.26 | 67.80 | 22.14 | 65.80 | 21.18 | 61.40 | 20.09 |
|        | -9.5              | -10      | 79.00                     | 24.47 | 74.70 | 23.91 | 70.20 | 23.10 | 67.80 | 22.00 | 65.80 | 21.05 | 61.40 | 19.96 |
|        | -8.5              | -9.1     | 79.00                     | 23.94 | 74.70 | 23.38 | 70.20 | 22.58 | 67.80 | 21.50 | 65.80 | 20.59 | 61.40 | 19.53 |
|        | -7                | -7.6     | 79.00                     | 23.15 | 74.70 | 22.59 | 70.20 | 21.81 | 67.80 | 20.77 | 65.80 | 19.91 | 61.40 | 18.86 |
|        | -5                | -5.6     | 79.00                     | 22.12 | 74.70 | 21.54 | 70.20 | 20.80 | 67.80 | 19.82 | 65.80 | 19.02 | 61.40 | 18.02 |
|        | -3                | -3.7     | 79.00                     | 21.10 | 74.70 | 20.51 | 70.20 | 19.81 | 67.80 | 18.87 | 65.80 | 18.13 | 61.40 | 17.16 |
|        | 0                 | -0.7     | 79.00                     | 19.56 | 74.70 | 18.95 | 70.20 | 18.31 | 67.80 | 17.46 | 65.80 | 16.80 | 61.40 | 15.88 |
|        | 3                 | 2.2      | 79.00                     | 18.01 | 74.70 | 17.39 | 70.20 | 16.80 | 67.80 | 16.03 | 65.80 | 15.48 | 61.40 | 14.59 |
|        | 5                 | 4.1      | 79.00                     | 16.99 | 74.70 | 16.35 | 70.20 | 15.81 | 67.80 | 15.09 | 65.80 | 14.58 | 61.40 | 13.75 |
|        | 7                 | 6        | 79.00                     | 15.95 | 74.70 | 15.32 | 70.20 | 14.80 | 67.80 | 14.14 | 65.80 | 13.71 | 61.40 | 12.89 |
|        | 9                 | 7.9      | 79.00                     | 14.42 | 74.70 | 13.84 | 70.20 | 13.36 | 67.80 | 12.76 | 65.80 | 12.37 | 61.40 | 11.64 |
|        | 11                | 9.8      | 79.00                     | 13.42 | 74.70 | 12.88 | 70.20 | 12.45 | 67.80 | 11.89 | 65.80 | 11.53 | 61.40 | 10.83 |
|        | 13                | 11.8     | 79.00                     | 12.56 | 74.70 | 12.05 | 70.20 | 11.64 | 67.80 | 11.12 | 65.80 | 10.78 | 61.40 | 10.14 |
|        | 15                | 13.7     | 79.00                     | 11.84 | 74.70 | 11.36 | 70.20 | 10.98 | 67.80 | 10.48 | 65.80 | 10.16 | 61.40 | 9.56  |
| 60     | -30               | -30.2    | 38.50                     | 28.75 | 38.50 | 29.14 | 38.30 | 33.61 | 37.00 | 31.81 | 35.70 | 30.12 | 33.40 | 28.62 |
|        | -24.8             | -25      | 64.10                     | 29.69 | 64.00 | 30.02 | 60.20 | 28.99 | 58.20 | 27.46 | 56.20 | 26.03 | 52.60 | 24.69 |
|        | -21.8             | -22      | 67.80                     | 29.83 | 64.20 | 28.93 | 60.20 | 27.41 | 58.20 | 25.98 | 56.20 | 24.65 | 52.60 | 23.35 |
|        | -19.8             | -20      | 67.80                     | 28.89 | 64.20 | 27.82 | 60.20 | 26.36 | 58.20 | 24.99 | 56.20 | 23.71 | 52.60 | 22.47 |
|        | -18.8             | -19      | 67.80                     | 28.33 | 64.20 | 27.26 | 60.20 | 25.84 | 58.20 | 24.51 | 56.20 | 23.26 | 52.60 | 22.01 |
|        | -16.7             | -17      | 67.80                     | 27.15 | 64.20 | 26.09 | 60.20 | 24.73 | 58.20 | 23.48 | 56.20 | 22.30 | 52.60 | 21.09 |
|        | -15               | -15.9    | 67.80                     | 26.31 | 64.20 | 25.26 | 60.20 | 23.95 | 58.20 | 22.75 | 56.20 | 21.60 | 52.60 | 20.42 |
|        | -13.7             | -15      | 67.80                     | 25.47 | 64.20 | 24.44 | 60.20 | 23.17 | 58.20 | 22.02 | 56.20 | 20.92 | 52.60 | 19.76 |
|        | -11.8             | -13      | 67.80                     | 24.42 | 64.20 | 23.39 | 60.20 | 22.17 | 58.20 | 21.09 | 56.20 | 20.05 | 52.60 | 18.93 |
|        | -9.8              | -11      | 67.80                     | 23.29 | 64.20 | 22.28 | 60.20 | 21.15 | 58.20 | 20.12 | 56.20 | 19.14 | 52.60 | 18.05 |
|        | -9.5              | -10      | 67.80                     | 23.12 | 64.20 | 22.12 | 60.20 | 21.00 | 58.20 | 19.97 | 56.20 | 19.00 | 52.60 | 17.91 |
|        | -8.5              | -9.1     | 67.80                     | 22.57 | 64.20 | 21.58 | 60.20 | 20.48 | 58.20 | 19.50 | 56.20 | 18.55 | 52.60 | 17.48 |
|        | -7                | -7.6     | 67.80                     | 21.75 | 64.20 | 20.76 | 60.20 | 19.70 | 58.20 | 18.77 | 56.20 | 17.86 | 52.60 | 16.82 |
|        | -5                | -5.6     | 67.80                     | 20.66 | 64.20 | 19.69 | 60.20 | 18.71 | 58.20 | 17.83 | 56.20 | 16.98 | 52.60 | 15.97 |
|        | -3                | -3.7     | 67.80                     | 19.59 | 64.20 | 18.63 | 60.20 | 17.70 | 58.20 | 16.88 | 56.20 | 16.09 | 52.60 | 15.12 |
|        | 0                 | -0.7     | 67.80                     | 17.96 | 64.20 | 17.01 | 60.20 | 16.19 | 58.20 | 15.47 | 56.20 | 14.77 | 52.60 | 13.84 |
|        | 3                 | 2.2      | 67.80                     | 16.35 | 64.20 | 15.42 | 60.20 | 14.67 | 58.20 | 14.06 | 56.20 | 13.44 | 52.60 | 12.56 |
|        | 5                 | 4.1      | 67.80                     | 15.27 | 64.20 | 14.36 | 60.20 | 13.68 | 58.20 | 13.12 | 56.20 | 12.56 | 52.60 | 11.71 |
|        | 7                 | 6        | 67.80                     | 14.19 | 64.20 | 13.28 | 60.20 | 12.67 | 58.20 | 12.17 | 56.20 | 11.68 | 52.60 | 10.85 |
|        | 9                 | 7.9      | 67.80                     | 12.66 | 64.20 | 11.86 | 60.20 | 11.30 | 58.20 | 10.87 | 56.20 | 10.42 | 52.60 | 9.68  |
|        | 11                | 9.8      | 67.80                     | 11.82 | 64.20 | 11.06 | 60.20 | 10.55 | 58.20 | 10.15 | 56.20 | 9.73  | 52.60 | 9.05  |
|        | 13                | 11.8     | 67.80                     | 11.06 | 64.20 | 10.36 | 60.20 | 9.89  | 58.20 | 9.51  | 56.20 | 9.11  | 52.60 | 8.47  |
|        | 15                | 13.7     | 67.80                     | 10.46 | 64.20 | 9.80  | 60.20 | 9.35  | 58.20 | 8.97  | 56.20 | 8.62  | 52.60 | 8.02  |
| 50     | -30               | -30.2    | 36.00                     | 25.31 | 33.90 | 29.44 | 31.80 | 27.85 | 30.90 | 26.34 | 29.80 | 24.91 | 27.80 | 23.65 |
|        | -24.8             | -25      | 56.60                     | 24.79 | 53.40 | 25.35 | 50.20 | 23.98 | 48.60 | 22.71 | 46.90 | 21.51 | 43.70 | 20.38 |
|        | -21.8             | -22      | 56.60                     | 25.30 | 53.40 | 23.94 | 50.20 | 22.66 | 48.60 | 21.46 | 46.90 | 20.35 | 43.70 | 19.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 56.60                     | 24.31 | 53.40 | 23.00 | 50.20 | 21.78 | 48.60 | 20.63 | 46.90 | 19.57 | 43.70 | 18.52 |
|        | -18.8             | -19      | 56.60                     | 23.83 | 53.40 | 22.52 | 50.20 | 21.36 | 48.60 | 20.22 | 46.90 | 19.19 | 43.70 | 18.17 |
|        | -16.7             | -17      | 56.60                     | 22.80 | 53.40 | 21.56 | 50.20 | 20.43 | 48.60 | 19.34 | 46.90 | 18.37 | 43.70 | 17.39 |
|        | -15               | -15.9    | 56.60                     | 22.07 | 53.40 | 20.84 | 50.20 | 19.78 | 48.60 | 18.72 | 46.90 | 17.80 | 43.70 | 16.83 |
|        | -13.7             | -15      | 56.60                     | 21.33 | 53.40 | 20.14 | 50.20 | 19.12 | 48.60 | 18.11 | 46.90 | 17.23 | 43.70 | 16.28 |
|        | -11.8             | -13      | 56.60                     | 20.40 | 53.40 | 19.27 | 50.20 | 18.30 | 48.60 | 17.34 | 46.90 | 16.50 | 43.70 | 15.59 |
|        | -9.8              | -11      | 56.60                     | 19.44 | 53.40 | 18.33 | 50.20 | 17.43 | 48.60 | 16.52 | 46.90 | 15.74 | 43.70 | 14.86 |
|        | -9.5              | -10      | 56.60                     | 19.29 | 53.40 | 18.20 | 50.20 | 17.30 | 48.60 | 16.40 | 46.90 | 15.64 | 43.70 | 14.75 |
|        | -8.5              | -9.1     | 56.60                     | 18.80 | 53.40 | 17.73 | 50.20 | 16.88 | 48.60 | 16.00 | 46.90 | 15.26 | 43.70 | 14.39 |
|        | -7                | -7.6     | 56.60                     | 18.06 | 53.40 | 17.05 | 50.20 | 16.23 | 48.60 | 15.38 | 46.90 | 14.68 | 43.70 | 13.84 |
|        | -5                | -5.6     | 56.60                     | 17.12 | 53.40 | 16.15 | 50.20 | 15.39 | 48.60 | 14.59 | 46.90 | 13.95 | 43.70 | 13.13 |
|        | -3                | -3.7     | 56.60                     | 16.19 | 53.40 | 15.25 | 50.20 | 14.54 | 48.60 | 13.79 | 46.90 | 13.20 | 43.70 | 12.42 |
|        | 0                 | -0.7     | 56.60                     | 14.77 | 53.40 | 13.88 | 50.20 | 13.28 | 48.60 | 12.61 | 46.90 | 12.10 | 43.70 | 11.36 |
|        | 3                 | 2.2      | 56.60                     | 13.35 | 53.40 | 12.54 | 50.20 | 12.02 | 48.60 | 11.41 | 46.90 | 10.99 | 43.70 | 10.29 |
|        | 5                 | 4.1      | 56.60                     | 12.41 | 53.40 | 11.64 | 50.20 | 11.19 | 48.60 | 10.61 | 46.90 | 10.26 | 43.70 | 9.59  |
|        | 7                 | 6        | 56.60                     | 11.47 | 53.40 | 10.73 | 50.20 | 10.35 | 48.60 | 9.82  | 46.90 | 9.51  | 43.70 | 8.89  |
|        | 9                 | 7.9      | 56.60                     | 10.36 | 53.40 | 9.69  | 50.20 | 9.34  | 48.60 | 8.88  | 46.90 | 8.60  | 43.70 | 8.02  |
|        | 11                | 9.8      | 56.60                     | 9.69  | 53.40 | 9.06  | 50.20 | 8.74  | 48.60 | 8.30  | 46.90 | 8.04  | 43.70 | 7.50  |
|        | 13                | 11.8     | 56.60                     | 9.09  | 53.40 | 8.52  | 50.20 | 8.20  | 48.60 | 7.79  | 46.90 | 7.55  | 43.70 | 7.05  |
|        | 15                | 13.7     | 56.60                     | 8.61  | 53.40 | 8.06  | 50.20 | 7.76  | 48.60 | 7.37  | 46.90 | 7.15  | 43.70 | 6.66  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM340LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 42.30                     | 34.74 | 42.30 | 34.94 | 42.00 | 35.14 | 42.00 | 35.41 | 42.00 | 35.70 | 41.10 | 36.10 |
|        | -24.8             | -25      | 70.40                     | 35.33 | 70.40 | 35.53 | 70.00 | 35.71 | 70.00 | 36.00 | 70.00 | 36.26 | 68.70 | 36.67 |
|        | -21.8             | -22      | 85.70                     | 35.66 | 85.70 | 35.86 | 85.10 | 36.06 | 85.10 | 36.33 | 85.10 | 36.58 | 83.50 | 37.01 |
|        | -19.8             | -20      | 90.40                     | 35.89 | 90.40 | 36.09 | 89.80 | 36.27 | 89.80 | 36.54 | 89.80 | 36.81 | 88.10 | 37.22 |
|        | -18.8             | -19      | 92.40                     | 35.98 | 92.40 | 36.19 | 91.90 | 36.38 | 91.90 | 36.65 | 91.90 | 36.91 | 90.00 | 37.33 |
|        | -16.7             | -17      | 96.70                     | 36.22 | 96.70 | 36.43 | 96.10 | 36.61 | 96.10 | 36.88 | 96.10 | 37.13 | 94.20 | 37.56 |
|        | -15               | -15.9    | 99.60                     | 36.38 | 99.60 | 36.58 | 99.10 | 36.76 | 99.10 | 37.03 | 99.10 | 37.29 | 97.20 | 36.82 |
|        | -13.7             | -15      | 102.7                     | 36.55 | 102.7 | 36.75 | 102.2 | 36.93 | 102.2 | 37.20 | 102.2 | 37.47 | 100.2 | 36.09 |
|        | -11.8             | -13      | 106.1                     | 36.75 | 106.1 | 36.95 | 105.4 | 37.14 | 105.4 | 37.41 | 105.4 | 36.49 | 103.8 | 35.17 |
|        | -9.8              | -11      | 109.6                     | 36.97 | 109.6 | 37.17 | 108.9 | 37.35 | 108.9 | 36.39 | 108.9 | 35.47 | 107.7 | 34.21 |
|        | -9.5              | -10      | 110.3                     | 37.00 | 110.3 | 37.19 | 109.6 | 37.19 | 109.6 | 36.23 | 109.6 | 35.32 | 108.3 | 34.07 |
|        | -8.5              | -9.1     | 112.4                     | 37.11 | 112.4 | 37.31 | 111.6 | 36.67 | 111.6 | 35.71 | 111.1 | 34.81 | 110.4 | 33.58 |
|        | -7                | -7.6     | 115.6                     | 37.27 | 115.6 | 36.56 | 114.8 | 35.88 | 114.8 | 34.93 | 114.8 | 34.05 | 113.3 | 32.86 |
|        | -5                | -5.6     | 119.8                     | 36.35 | 119.8 | 35.59 | 119.1 | 34.91 | 119.1 | 33.98 | 119.1 | 33.09 | 117.2 | 31.96 |
|        | -3                | -3.7     | 124.0                     | 35.43 | 124.0 | 34.63 | 123.2 | 33.92 | 123.2 | 33.00 | 123.2 | 32.13 | 120.6 | 30.92 |
|        | 0                 | -0.7     | 130.3                     | 34.07 | 130.3 | 33.22 | 129.6 | 32.44 | 129.6 | 31.55 | 129.6 | 30.69 | 120.9 | 28.32 |
|        | 3                 | 2.2      | 136.7                     | 32.70 | 136.7 | 31.79 | 135.8 | 30.98 | 134.6 | 29.82 | 129.9 | 27.98 | 120.9 | 26.86 |
|        | 5                 | 4.1      | 138.4                     | 31.22 | 138.4 | 30.26 | 138.0 | 29.54 | 134.6 | 27.99 | 129.9 | 26.83 | 120.9 | 26.00 |
|        | 7                 | 6        | 138.4                     | 29.42 | 138.4 | 28.48 | 138.0 | 27.75 | 134.6 | 26.71 | 129.9 | 25.92 | 120.9 | 25.14 |
|        | 9                 | 7.9      | 138.4                     | 28.57 | 138.4 | 27.64 | 138.0 | 26.85 | 134.6 | 26.07 | 129.9 | 25.29 | 120.9 | 24.53 |
|        | 11                | 9.8      | 138.4                     | 28.11 | 138.4 | 27.20 | 138.0 | 26.42 | 134.6 | 25.64 | 129.9 | 24.88 | 120.9 | 24.13 |
|        | 13                | 11.8     | 138.4                     | 27.61 | 138.4 | 26.72 | 138.0 | 25.94 | 134.6 | 25.19 | 129.9 | 24.44 | 120.9 | 23.71 |
|        | 15                | 13.7     | 138.4                     | 27.08 | 138.4 | 26.20 | 138.0 | 25.44 | 134.6 | 24.70 | 129.9 | 23.97 | 120.9 | 23.24 |
| 120    | -30               | -30.2    | 42.00                     | 34.94 | 42.00 | 35.14 | 41.70 | 35.41 | 41.70 | 35.70 | 41.70 | 36.10 | 40.80 | 36.41 |
|        | -24.8             | -25      | 69.90                     | 35.53 | 69.90 | 35.71 | 69.50 | 36.00 | 69.50 | 36.26 | 69.50 | 36.67 | 68.10 | 36.97 |
|        | -21.8             | -22      | 85.10                     | 35.86 | 85.10 | 36.06 | 84.50 | 36.33 | 84.50 | 36.58 | 84.50 | 37.01 | 83.00 | 37.29 |
|        | -19.8             | -20      | 89.70                     | 36.09 | 89.70 | 36.27 | 89.20 | 36.54 | 89.20 | 36.81 | 89.20 | 37.22 | 87.40 | 37.50 |
|        | -18.8             | -19      | 91.90                     | 36.19 | 91.90 | 36.38 | 91.10 | 36.65 | 91.10 | 36.91 | 91.10 | 37.33 | 89.40 | 37.62 |
|        | -16.7             | -17      | 96.10                     | 36.43 | 96.10 | 36.61 | 95.40 | 36.88 | 95.40 | 37.13 | 95.40 | 37.56 | 93.50 | 36.66 |
|        | -15               | -15.9    | 99.00                     | 36.58 | 99.00 | 36.76 | 98.40 | 37.03 | 98.40 | 37.29 | 98.40 | 36.85 | 96.50 | 35.98 |
|        | -13.7             | -15      | 101.9                     | 36.75 | 101.9 | 36.93 | 101.4 | 37.20 | 101.4 | 37.47 | 101.4 | 36.14 | 99.40 | 35.32 |
|        | -11.8             | -13      | 105.3                     | 36.95 | 105.3 | 37.14 | 104.7 | 37.41 | 104.7 | 36.48 | 104.7 | 35.27 | 103.1 | 34.47 |
|        | -9.8              | -11      | 108.7                     | 37.17 | 108.7 | 37.35 | 108.0 | 36.34 | 108.0 | 35.45 | 108.0 | 34.35 | 107.0 | 33.59 |
|        | -9.5              | -10      | 109.6                     | 37.19 | 109.6 | 37.19 | 108.7 | 36.18 | 108.7 | 35.30 | 108.7 | 34.21 | 107.6 | 33.45 |
|        | -8.5              | -9.1     | 111.5                     | 37.31 | 111.5 | 36.62 | 110.9 | 35.65 | 110.9 | 34.79 | 110.9 | 33.74 | 109.7 | 33.00 |
|        | -7                | -7.6     | 114.7                     | 36.49 | 114.7 | 35.77 | 113.9 | 34.85 | 113.9 | 34.02 | 113.9 | 33.06 | 112.4 | 32.33 |
|        | -5                | -5.6     | 119.0                     | 35.42 | 119.0 | 34.70 | 118.0 | 33.82 | 118.0 | 33.04 | 118.0 | 32.19 | 113.6 | 30.73 |
|        | -3                | -3.7     | 123.1                     | 34.37 | 123.1 | 33.65 | 122.4 | 32.82 | 122.4 | 32.08 | 122.2 | 31.27 | 113.6 | 29.09 |
|        | 0                 | -0.7     | 129.4                     | 32.80 | 129.4 | 32.05 | 128.6 | 31.31 | 126.2 | 30.06 | 122.2 | 28.52 | 113.6 | 27.91 |
|        | 3                 | 2.2      | 135.8                     | 31.21 | 135.8 | 30.44 | 130.5 | 28.82 | 126.2 | 27.67 | 122.2 | 27.24 | 113.6 | 26.71 |
|        | 5                 | 4.1      | 137.3                     | 29.61 | 135.8 | 28.53 | 130.5 | 27.30 | 126.2 | 26.75 | 122.2 | 26.42 | 113.6 | 25.93 |
|        | 7                 | 6        | 137.3                     | 27.71 | 135.8 | 26.87 | 130.5 | 26.34 | 126.2 | 25.84 | 122.2 | 25.59 | 113.6 | 25.13 |
|        | 9                 | 7.9      | 137.3                     | 26.88 | 135.8 | 26.14 | 130.5 | 25.63 | 126.2 | 25.14 | 122.2 | 24.90 | 113.6 | 24.46 |
|        | 11                | 9.8      | 137.3                     | 26.38 | 135.8 | 25.65 | 130.5 | 25.14 | 126.2 | 24.66 | 122.2 | 24.44 | 113.6 | 24.01 |
|        | 13                | 11.8     | 137.3                     | 25.83 | 135.8 | 25.13 | 130.5 | 24.63 | 126.2 | 24.16 | 122.2 | 23.93 | 113.6 | 23.51 |
|        | 15                | 13.7     | 137.3                     | 25.25 | 135.8 | 24.56 | 130.5 | 24.09 | 126.2 | 23.62 | 122.2 | 23.39 | 113.6 | 22.98 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 41.80                     | 35.14 | 41.80 | 35.41 | 41.50 | 35.70 | 41.50 | 36.10 | 41.50 | 36.41 | 40.60 | 36.52 |
|        | -24.8             | -25      | 69.60                     | 35.71 | 69.60 | 36.00 | 69.10 | 36.26 | 69.10 | 36.67 | 69.10 | 36.97 | 67.70 | 37.10 |
|        | -21.8             | -22      | 84.50                     | 36.06 | 84.50 | 36.33 | 84.00 | 36.58 | 84.00 | 37.01 | 84.00 | 37.29 | 82.50 | 37.43 |
|        | -19.8             | -20      | 89.30                     | 36.27 | 89.30 | 36.54 | 88.70 | 36.81 | 88.70 | 37.22 | 88.70 | 37.50 | 87.00 | 37.65 |
|        | -18.8             | -19      | 91.30                     | 36.38 | 91.30 | 36.65 | 90.60 | 36.91 | 90.60 | 37.33 | 90.60 | 37.62 | 89.00 | 37.15 |
|        | -16.7             | -17      | 95.50                     | 36.61 | 95.50 | 36.88 | 94.80 | 37.13 | 94.80 | 37.56 | 94.80 | 36.59 | 93.00 | 36.10 |
|        | -15               | -15.9    | 98.40                     | 36.76 | 98.40 | 37.03 | 97.80 | 37.29 | 97.80 | 36.78 | 97.80 | 35.86 | 96.90 | 35.34 |
|        | -13.7             | -15      | 101.4                     | 36.93 | 101.4 | 37.20 | 100.8 | 37.47 | 100.8 | 36.01 | 100.8 | 35.14 | 100.8 | 34.60 |
|        | -11.8             | -13      | 104.7                     | 37.14 | 104.7 | 37.41 | 104.1 | 36.39 | 104.1 | 35.05 | 104.1 | 34.22 | 102.2 | 33.03 |
|        | -9.8              | -11      | 108.2                     | 37.35 | 108.2 | 36.21 | 107.5 | 35.25 | 107.5 | 34.02 | 107.5 | 33.26 | 102.2 | 31.18 |
|        | -9.5              | -10      | 108.7                     | 37.16 | 108.7 | 36.02 | 108.2 | 35.09 | 108.2 | 33.89 | 108.2 | 33.10 | 102.2 | 30.85 |
|        | -8.5              | -9.1     | 110.9                     | 36.51 | 110.9 | 35.42 | 110.3 | 34.53 | 110.3 | 33.37 | 109.5 | 32.40 | 102.2 | 30.39 |
|        | -7                | -7.6     | 114.2                     | 35.53 | 114.2 | 34.51 | 113.4 | 33.68 | 113.2 | 32.54 | 109.5 | 30.81 | 102.2 | 29.69 |
|        | -5                | -5.6     | 118.2                     | 34.30 | 118.2 | 33.37 | 117.1 | 32.50 | 113.2 | 30.49 | 109.5 | 29.41 | 102.2 | 28.80 |
|        | -3                | -3.7     | 122.4                     | 33.07 | 122.4 | 32.23 | 117.1 | 30.37 | 113.2 | 29.11 | 109.5 | 28.54 | 102.2 | 27.92 |
|        | 0                 | -0.7     | 128.7                     | 31.23 | 124.8 | 29.58 | 117.1 | 28.41 | 113.2 | 27.73 | 109.5 | 27.25 | 102.2 | 26.58 |
|        | 3                 | 2.2      | 132.1                     | 28.75 | 124.8 | 27.31 | 117.1 | 26.88 | 113.2 | 26.38 | 109.5 | 25.97 | 102.2 | 25.26 |
|        | 5                 | 4.1      | 132.1                     | 26.71 | 124.8 | 26.23 | 117.1 | 25.88 | 113.2 | 25.46 | 109.5 | 25.10 | 102.2 | 24.37 |
|        | 7                 | 6        | 132.1                     | 25.52 | 124.8 | 25.13 | 117.1 | 24.86 | 113.2 | 24.55 | 109.5 | 24.24 | 102.2 | 23.49 |
|        | 9                 | 7.9      | 132.1                     | 24.72 | 124.8 | 24.35 | 117.1 | 24.08 | 113.2 | 23.79 | 109.5 | 23.48 | 102.2 | 22.75 |
|        | 11                | 9.8      | 132.1                     | 24.14 | 124.8 | 23.78 | 117.1 | 23.52 | 113.2 | 23.22 | 109.5 | 22.93 | 102.2 | 22.21 |
|        | 13                | 11.8     | 132.1                     | 23.52 | 124.8 | 23.17 | 117.1 | 22.91 | 113.2 | 22.62 | 109.5 | 22.33 | 102.2 | 21.64 |
|        | 15                | 13.7     | 132.1                     | 22.85 | 124.8 | 22.51 | 117.1 | 22.25 | 113.2 | 21.99 | 109.5 | 21.70 | 102.2 | 21.03 |
| 100    | -30               | -30.2    | 41.50                     | 39.80 | 41.50 | 39.64 | 41.30 | 34.46 | 41.30 | 39.17 | 41.30 | 38.16 | 40.50 | 38.89 |
|        | -24.8             | -25      | 69.30                     | 39.16 | 69.30 | 38.99 | 68.90 | 36.28 | 68.90 | 38.53 | 68.90 | 38.35 | 67.40 | 38.25 |
|        | -21.8             | -22      | 84.20                     | 38.81 | 84.20 | 38.62 | 83.70 | 37.32 | 83.70 | 38.18 | 83.70 | 38.46 | 82.20 | 37.90 |
|        | -19.8             | -20      | 88.90                     | 38.56 | 88.90 | 38.38 | 88.30 | 37.97 | 88.30 | 37.93 | 88.30 | 37.90 | 86.50 | 37.65 |
|        | -18.8             | -19      | 90.80                     | 38.43 | 90.30 | 38.26 | 90.30 | 38.08 | 90.30 | 37.80 | 90.30 | 37.62 | 88.60 | 37.04 |
|        | -16.7             | -17      | 94.40                     | 38.19 | 94.40 | 38.00 | 94.40 | 38.30 | 93.90 | 37.56 | 93.90 | 36.36 | 92.20 | 35.76 |
|        | -15               | -15.9    | 97.70                     | 37.99 | 97.70 | 37.81 | 97.40 | 37.88 | 97.20 | 36.65 | 97.20 | 35.46 | 93.40 | 34.14 |
|        | -13.7             | -15      | 100.9                     | 37.81 | 100.9 | 37.64 | 100.4 | 37.47 | 100.4 | 35.74 | 100.3 | 34.55 | 93.40 | 32.19 |
|        | -11.8             | -13      | 104.1                     | 37.59 | 103.6 | 37.41 | 103.6 | 36.27 | 103.6 | 34.59 | 100.3 | 32.36 | 93.40 | 31.10 |
|        | -9.8              | -11      | 107.7                     | 37.35 | 107.7 | 36.07 | 107.1 | 35.00 | 103.7 | 32.34 | 100.3 | 30.60 | 93.40 | 29.95 |
|        | -9.5              | -10      | 108.2                     | 37.13 | 108.2 | 35.86 | 107.1 | 34.60 | 103.7 | 31.98 | 100.3 | 30.43 | 93.40 | 29.78 |
|        | -8.5              | -9.1     | 110.4                     | 36.45 | 110.4 | 35.19 | 107.1 | 33.33 | 103.7 | 30.94 | 100.3 | 29.87 | 93.40 | 29.20 |
|        | -7                | -7.6     | 115.4                     | 35.39 | 113.9 | 33.90 | 107.1 | 31.52 | 103.7 | 30.08 | 100.3 | 29.02 | 93.40 | 28.35 |
|        | -5                | -5.6     | 120.4                     | 34.06 | 113.9 | 31.44 | 107.1 | 30.38 | 103.7 | 29.01 | 100.3 | 27.96 | 93.40 | 27.26 |
|        | -3                | -3.7     | 120.8                     | 31.92 | 113.9 | 30.01 | 107.1 | 29.24 | 103.7 | 27.93 | 100.3 | 26.89 | 93.40 | 26.17 |
|        | 0                 | -0.7     | 120.8                     | 29.14 | 113.9 | 28.18 | 107.1 | 27.52 | 103.7 | 26.30 | 100.3 | 25.27 | 93.40 | 24.52 |
|        | 3                 | 2.2      | 120.8                     | 27.23 | 113.9 | 26.37 | 107.1 | 25.81 | 103.7 | 24.67 | 100.3 | 23.67 | 93.40 | 22.89 |
|        | 5                 | 4.1      | 120.8                     | 25.97 | 113.9 | 25.14 | 107.1 | 24.66 | 103.7 | 23.58 | 100.3 | 22.59 | 93.40 | 21.79 |
|        | 7                 | 6        | 120.8                     | 24.70 | 113.9 | 23.93 | 107.1 | 23.52 | 103.7 | 22.50 | 100.3 | 21.53 | 93.40 | 20.70 |
|        | 9                 | 7.9      | 120.8                     | 23.80 | 113.9 | 23.07 | 107.1 | 22.66 | 103.7 | 21.67 | 100.3 | 20.74 | 93.40 | 19.95 |
|        | 11                | 9.8      | 120.8                     | 23.12 | 113.9 | 22.38 | 107.1 | 22.00 | 103.7 | 21.04 | 100.3 | 20.12 | 93.40 | 19.36 |
|        | 13                | 11.8     | 120.8                     | 22.37 | 113.9 | 21.66 | 107.1 | 21.28 | 103.7 | 20.37 | 100.3 | 19.48 | 93.40 | 18.74 |
|        | 15                | 13.7     | 120.8                     | 21.58 | 113.9 | 20.90 | 107.1 | 20.53 | 103.7 | 19.66 | 100.3 | 18.79 | 93.40 | 18.08 |
| 90     | -30               | -30.2    | 41.50                     | 34.52 | 41.50 | 34.91 | 41.10 | 35.21 | 41.10 | 35.34 | 41.10 | 35.65 | 40.30 | 39.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 69.10                     | 35.08 | 69.10 | 35.50 | 68.60 | 35.80 | 68.60 | 35.93 | 68.60 | 36.21 | 67.20 | 36.63 |
|        | -21.8             | -22      | 83.90                     | 35.41 | 83.90 | 35.83 | 83.40 | 36.13 | 83.40 | 36.26 | 83.40 | 36.54 | 81.70 | 34.98 |
|        | -19.8             | -20      | 88.60                     | 35.64 | 88.60 | 36.05 | 88.00 | 36.35 | 88.00 | 36.48 | 88.00 | 35.42 | 85.30 | 33.50 |
|        | -18.8             | -19      | 90.80                     | 35.75 | 90.30 | 36.16 | 90.00 | 36.45 | 90.00 | 35.90 | 90.00 | 34.87 | 85.30 | 32.25 |
|        | -16.7             | -17      | 94.40                     | 35.98 | 94.40 | 36.39 | 94.00 | 35.27 | 94.00 | 34.71 | 91.90 | 32.95 | 85.30 | 30.57 |
|        | -15               | -15.9    | 97.70                     | 36.13 | 97.70 | 35.52 | 97.00 | 34.43 | 95.00 | 33.15 | 91.90 | 31.66 | 85.30 | 29.80 |
|        | -13.7             | -15      | 100.9                     | 36.30 | 100.9 | 34.64 | 98.00 | 32.90 | 95.00 | 31.36 | 91.90 | 30.41 | 85.30 | 29.04 |
|        | -11.8             | -13      | 104.1                     | 35.12 | 103.6 | 33.55 | 98.00 | 30.90 | 95.00 | 30.30 | 91.90 | 29.41 | 85.30 | 28.07 |
|        | -9.8              | -11      | 107.7                     | 33.87 | 104.1 | 31.30 | 98.00 | 29.82 | 95.00 | 29.23 | 91.90 | 28.39 | 85.30 | 27.05 |
|        | -9.5              | -10      | 108.2                     | 33.68 | 104.1 | 30.98 | 98.00 | 29.65 | 95.00 | 29.06 | 91.90 | 28.24 | 85.30 | 26.90 |
|        | -8.5              | -9.1     | 110.4                     | 33.07 | 104.1 | 30.08 | 98.00 | 29.14 | 95.00 | 28.54 | 91.90 | 27.70 | 85.30 | 26.40 |
|        | -7                | -7.6     | 110.7                     | 30.83 | 104.1 | 29.22 | 98.00 | 28.34 | 95.00 | 27.74 | 91.90 | 26.93 | 85.30 | 25.63 |
|        | -5                | -5.6     | 110.7                     | 29.36 | 104.1 | 28.18 | 98.00 | 27.34 | 95.00 | 26.71 | 91.90 | 25.94 | 85.30 | 24.67 |
|        | -3                | -3.7     | 110.7                     | 28.25 | 104.1 | 27.13 | 98.00 | 26.34 | 95.00 | 25.70 | 91.90 | 24.95 | 85.30 | 23.69 |
|        | 0                 | -0.7     | 110.7                     | 26.56 | 104.1 | 25.57 | 98.00 | 24.85 | 95.00 | 24.17 | 91.90 | 23.47 | 85.30 | 22.25 |
|        | 3                 | 2.2      | 110.7                     | 24.87 | 104.1 | 24.01 | 98.00 | 23.34 | 95.00 | 22.65 | 91.90 | 21.97 | 85.30 | 20.79 |
|        | 5                 | 4.1      | 110.7                     | 23.74 | 104.1 | 22.96 | 98.00 | 22.34 | 95.00 | 21.63 | 91.90 | 20.99 | 85.30 | 19.82 |
|        | 7                 | 6        | 110.7                     | 22.62 | 104.1 | 21.93 | 98.00 | 21.34 | 95.00 | 20.61 | 91.90 | 20.00 | 85.30 | 18.86 |
|        | 9                 | 7.9      | 110.7                     | 21.56 | 104.1 | 20.89 | 98.00 | 20.33 | 95.00 | 19.64 | 91.90 | 19.06 | 85.30 | 17.97 |
|        | 11                | 9.8      | 110.7                     | 20.49 | 104.1 | 19.86 | 98.00 | 19.33 | 95.00 | 18.68 | 91.90 | 18.12 | 85.30 | 17.09 |
|        | 13                | 11.8     | 110.7                     | 19.44 | 104.1 | 18.84 | 98.00 | 18.33 | 95.00 | 17.70 | 91.90 | 17.18 | 85.30 | 16.19 |
|        | 15                | 13.7     | 110.7                     | 18.37 | 104.1 | 17.81 | 98.00 | 17.32 | 95.00 | 16.73 | 91.90 | 16.23 | 85.30 | 15.32 |
| 80     | -30               | -30.2    | 41.20                     | 30.38 | 41.20 | 30.81 | 41.00 | 31.12 | 41.00 | 30.75 | 41.00 | 35.06 | 40.20 | 33.59 |
|        | -24.8             | -25      | 68.80                     | 30.99 | 68.80 | 31.41 | 68.30 | 31.71 | 68.30 | 31.84 | 68.30 | 32.54 | 66.90 | 31.18 |
|        | -21.8             | -22      | 83.00                     | 31.34 | 83.00 | 31.75 | 83.00 | 32.05 | 83.00 | 32.46 | 81.90 | 30.70 | 76.30 | 28.27 |
|        | -19.8             | -20      | 87.60                     | 31.56 | 87.60 | 31.98 | 87.50 | 32.37 | 85.00 | 30.51 | 81.90 | 28.59 | 76.30 | 27.37 |
|        | -18.8             | -19      | 89.60                     | 31.68 | 89.60 | 32.38 | 87.70 | 31.22 | 85.00 | 29.42 | 81.90 | 28.15 | 76.30 | 26.95 |
|        | -16.7             | -17      | 92.50                     | 32.33 | 92.50 | 31.33 | 87.70 | 29.25 | 85.00 | 28.35 | 81.90 | 27.19 | 76.30 | 26.03 |
|        | -15               | -15.9    | 94.50                     | 31.54 | 93.30 | 30.46 | 87.70 | 28.52 | 85.00 | 27.63 | 81.90 | 26.51 | 76.30 | 25.38 |
|        | -13.7             | -15      | 96.60                     | 30.76 | 93.30 | 29.34 | 87.70 | 27.79 | 85.00 | 26.92 | 81.90 | 25.84 | 76.30 | 24.73 |
|        | -11.8             | -13      | 99.10                     | 29.76 | 93.30 | 28.00 | 87.70 | 26.88 | 85.00 | 26.03 | 81.90 | 24.98 | 76.30 | 23.91 |
|        | -9.8              | -11      | 99.10                     | 27.98 | 93.30 | 26.65 | 87.70 | 25.93 | 85.00 | 25.07 | 81.90 | 24.09 | 76.30 | 23.05 |
|        | -9.5              | -10      | 99.10                     | 27.63 | 93.30 | 26.36 | 87.70 | 25.78 | 85.00 | 24.93 | 81.90 | 23.95 | 76.30 | 22.92 |
|        | -8.5              | -9.1     | 99.10                     | 26.89 | 93.30 | 25.81 | 87.70 | 25.30 | 85.00 | 24.46 | 81.90 | 23.51 | 76.30 | 22.50 |
|        | -7                | -7.6     | 99.10                     | 25.88 | 93.30 | 25.08 | 87.70 | 24.58 | 85.00 | 23.75 | 81.90 | 22.85 | 76.30 | 21.84 |
|        | -5                | -5.6     | 99.10                     | 24.94 | 93.30 | 24.19 | 87.70 | 23.67 | 85.00 | 22.86 | 81.90 | 21.98 | 76.30 | 21.03 |
|        | -3                | -3.7     | 99.10                     | 24.00 | 93.30 | 23.28 | 87.70 | 22.77 | 85.00 | 21.94 | 81.90 | 21.13 | 76.30 | 20.20 |
|        | 0                 | -0.7     | 99.10                     | 22.59 | 93.30 | 21.91 | 87.70 | 21.39 | 85.00 | 20.60 | 81.90 | 19.84 | 76.30 | 18.97 |
|        | 3                 | 2.2      | 99.10                     | 21.18 | 93.30 | 20.56 | 87.70 | 20.02 | 85.00 | 19.24 | 81.90 | 18.57 | 76.30 | 17.75 |
|        | 5                 | 4.1      | 99.10                     | 20.24 | 93.30 | 19.65 | 87.70 | 19.10 | 85.00 | 18.34 | 81.90 | 17.72 | 76.30 | 16.92 |
|        | 7                 | 6        | 99.10                     | 19.30 | 93.30 | 18.74 | 87.70 | 18.19 | 85.00 | 17.43 | 81.90 | 16.85 | 76.30 | 16.10 |
|        | 9                 | 7.9      | 99.10                     | 18.12 | 93.30 | 17.60 | 87.70 | 17.08 | 85.00 | 16.37 | 81.90 | 15.83 | 76.30 | 15.12 |
|        | 11                | 9.8      | 99.10                     | 16.82 | 93.30 | 16.34 | 87.70 | 15.86 | 85.00 | 15.19 | 81.90 | 14.69 | 76.30 | 14.03 |
|        | 13                | 11.8     | 99.10                     | 15.70 | 93.30 | 15.25 | 87.70 | 14.80 | 85.00 | 14.18 | 81.90 | 13.72 | 76.30 | 13.09 |
|        | 15                | 13.7     | 99.10                     | 14.79 | 93.30 | 14.35 | 87.70 | 13.94 | 85.00 | 13.36 | 81.90 | 12.91 | 76.30 | 12.33 |
| 70     | -30               | -30.2    | 41.20                     | 30.40 | 41.20 | 30.56 | 41.00 | 30.84 | 41.00 | 34.57 | 41.00 | 32.93 | 40.20 | 31.42 |
|        | -24.8             | -25      | 68.80                     | 31.00 | 68.80 | 31.15 | 68.30 | 31.43 | 68.30 | 31.84 | 68.30 | 30.35 | 65.30 | 28.23 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 79.20                     | 31.35 | 79.20 | 31.49 | 74.60 | 30.14 | 72.10 | 28.72 | 69.90 | 27.39 | 65.30 | 26.10 |
|        | -19.8             | -20      | 84.00                     | 30.76 | 79.40 | 30.08 | 74.60 | 29.09 | 72.10 | 27.73 | 69.90 | 26.47 | 65.30 | 25.21 |
|        | -18.8             | -19      | 84.00                     | 30.06 | 79.40 | 29.56 | 74.60 | 28.58 | 72.10 | 27.23 | 69.90 | 26.00 | 65.30 | 24.75 |
|        | -16.7             | -17      | 84.00                     | 28.96 | 79.40 | 28.42 | 74.60 | 27.49 | 72.10 | 26.20 | 69.90 | 25.03 | 65.30 | 23.81 |
|        | -15               | -15.9    | 84.00                     | 28.16 | 79.40 | 27.62 | 74.60 | 26.71 | 72.10 | 25.45 | 69.90 | 24.34 | 65.30 | 23.15 |
|        | -13.7             | -15      | 84.00                     | 27.37 | 79.40 | 26.83 | 74.60 | 25.94 | 72.10 | 24.72 | 69.90 | 23.66 | 65.30 | 22.48 |
|        | -11.8             | -13      | 84.00                     | 26.37 | 79.40 | 25.81 | 74.60 | 24.96 | 72.10 | 23.80 | 69.90 | 22.78 | 65.30 | 21.64 |
|        | -9.8              | -11      | 84.00                     | 25.33 | 79.40 | 24.75 | 74.60 | 23.93 | 72.10 | 22.82 | 69.90 | 21.87 | 65.30 | 20.76 |
|        | -9.5              | -10      | 84.00                     | 25.17 | 79.40 | 24.60 | 74.60 | 23.77 | 72.10 | 22.67 | 69.90 | 21.73 | 65.30 | 20.63 |
|        | -8.5              | -9.1     | 84.00                     | 24.64 | 79.40 | 24.07 | 74.60 | 23.27 | 72.10 | 22.19 | 69.90 | 21.27 | 65.30 | 20.19 |
|        | -7                | -7.6     | 84.00                     | 23.87 | 79.40 | 23.29 | 74.60 | 22.51 | 72.10 | 21.46 | 69.90 | 20.59 | 65.30 | 19.52 |
|        | -5                | -5.6     | 84.00                     | 22.86 | 79.40 | 22.25 | 74.60 | 21.52 | 72.10 | 20.52 | 69.90 | 19.72 | 65.30 | 18.70 |
|        | -3                | -3.7     | 84.00                     | 21.86 | 79.40 | 21.25 | 74.60 | 20.54 | 72.10 | 19.59 | 69.90 | 18.83 | 65.30 | 17.84 |
|        | 0                 | -0.7     | 84.00                     | 20.35 | 79.40 | 19.73 | 74.60 | 19.07 | 72.10 | 18.19 | 69.90 | 17.53 | 65.30 | 16.57 |
|        | 3                 | 2.2      | 84.00                     | 18.84 | 79.40 | 18.19 | 74.60 | 17.58 | 72.10 | 16.78 | 69.90 | 16.22 | 65.30 | 15.29 |
|        | 5                 | 4.1      | 84.00                     | 17.85 | 79.40 | 17.18 | 74.60 | 16.61 | 72.10 | 15.85 | 69.90 | 15.33 | 65.30 | 14.46 |
|        | 7                 | 6        | 84.00                     | 16.84 | 79.40 | 16.16 | 74.60 | 15.62 | 72.10 | 14.92 | 69.90 | 14.48 | 65.30 | 13.60 |
|        | 9                 | 7.9      | 84.00                     | 15.22 | 79.40 | 14.61 | 74.60 | 14.10 | 72.10 | 13.48 | 69.90 | 13.06 | 65.30 | 12.29 |
|        | 11                | 9.8      | 84.00                     | 14.16 | 79.40 | 13.59 | 74.60 | 13.14 | 72.10 | 12.54 | 69.90 | 12.17 | 65.30 | 11.43 |
|        | 13                | 11.8     | 84.00                     | 13.26 | 79.40 | 12.72 | 74.60 | 12.29 | 72.10 | 11.74 | 69.90 | 11.38 | 65.30 | 10.70 |
|        | 15                | 13.7     | 84.00                     | 12.49 | 79.40 | 11.99 | 74.60 | 11.59 | 72.10 | 11.07 | 69.90 | 10.72 | 65.30 | 10.09 |
| 60     | -30               | -30.2    | 40.80                     | 30.10 | 40.80 | 30.38 | 40.40 | 34.37 | 39.10 | 32.56 | 37.80 | 30.88 | 35.40 | 29.38 |
|        | -24.8             | -25      | 67.90                     | 30.71 | 67.90 | 30.99 | 63.90 | 29.80 | 61.90 | 28.27 | 59.70 | 26.83 | 55.90 | 25.48 |
|        | -21.8             | -22      | 72.10                     | 30.79 | 68.20 | 29.73 | 63.90 | 28.20 | 61.90 | 26.77 | 59.70 | 25.42 | 55.90 | 24.11 |
|        | -19.8             | -20      | 72.10                     | 29.68 | 68.20 | 28.60 | 63.90 | 27.14 | 61.90 | 25.77 | 59.70 | 24.48 | 55.90 | 23.21 |
|        | -18.8             | -19      | 72.10                     | 29.12 | 68.20 | 28.05 | 63.90 | 26.61 | 61.90 | 25.28 | 59.70 | 24.01 | 55.90 | 22.75 |
|        | -16.7             | -17      | 72.10                     | 27.92 | 68.20 | 26.87 | 63.90 | 25.49 | 61.90 | 24.23 | 59.70 | 23.03 | 55.90 | 21.81 |
|        | -15               | -15.9    | 72.10                     | 27.08 | 68.20 | 26.02 | 63.90 | 24.70 | 61.90 | 23.49 | 59.70 | 22.33 | 55.90 | 21.13 |
|        | -13.7             | -15      | 72.10                     | 26.24 | 68.20 | 25.20 | 63.90 | 23.91 | 61.90 | 22.75 | 59.70 | 21.63 | 55.90 | 20.46 |
|        | -11.8             | -13      | 72.10                     | 25.18 | 68.20 | 24.14 | 63.90 | 22.92 | 61.90 | 21.81 | 59.70 | 20.75 | 55.90 | 19.61 |
|        | -9.8              | -11      | 72.10                     | 24.05 | 68.20 | 23.03 | 63.90 | 21.87 | 61.90 | 20.83 | 59.70 | 19.83 | 55.90 | 18.71 |
|        | -9.5              | -10      | 72.10                     | 23.89 | 68.20 | 22.86 | 63.90 | 21.72 | 61.90 | 20.68 | 59.70 | 19.69 | 55.90 | 18.58 |
|        | -8.5              | -9.1     | 72.10                     | 23.33 | 68.20 | 22.32 | 63.90 | 21.20 | 61.90 | 20.20 | 59.70 | 19.23 | 55.90 | 18.14 |
|        | -7                | -7.6     | 72.10                     | 22.51 | 68.20 | 21.50 | 63.90 | 20.41 | 61.90 | 19.46 | 59.70 | 18.54 | 55.90 | 17.47 |
|        | -5                | -5.6     | 72.10                     | 21.42 | 68.20 | 20.42 | 63.90 | 19.42 | 61.90 | 18.51 | 59.70 | 17.66 | 55.90 | 16.62 |
|        | -3                | -3.7     | 72.10                     | 20.35 | 68.20 | 19.36 | 63.90 | 18.41 | 61.90 | 17.57 | 59.70 | 16.76 | 55.90 | 15.75 |
|        | 0                 | -0.7     | 72.10                     | 18.73 | 68.20 | 17.75 | 63.90 | 16.89 | 61.90 | 16.15 | 59.70 | 15.43 | 55.90 | 14.46 |
|        | 3                 | 2.2      | 72.10                     | 17.12 | 68.20 | 16.15 | 63.90 | 15.38 | 61.90 | 14.74 | 59.70 | 14.10 | 55.90 | 13.17 |
|        | 5                 | 4.1      | 72.10                     | 16.04 | 68.20 | 15.09 | 63.90 | 14.38 | 61.90 | 13.79 | 59.70 | 13.21 | 55.90 | 12.32 |
|        | 7                 | 6        | 72.10                     | 14.97 | 68.20 | 14.02 | 63.90 | 13.37 | 61.90 | 12.85 | 59.70 | 12.33 | 55.90 | 11.46 |
|        | 9                 | 7.9      | 72.10                     | 13.36 | 68.20 | 12.51 | 63.90 | 11.92 | 61.90 | 11.47 | 59.70 | 11.00 | 55.90 | 10.22 |
|        | 11                | 9.8      | 72.10                     | 12.47 | 68.20 | 11.68 | 63.90 | 11.13 | 61.90 | 10.71 | 59.70 | 10.27 | 55.90 | 9.55  |
|        | 13                | 11.8     | 72.10                     | 11.68 | 68.20 | 10.94 | 63.90 | 10.44 | 61.90 | 10.03 | 59.70 | 9.62  | 55.90 | 8.94  |
|        | 15                | 13.7     | 72.10                     | 11.04 | 68.20 | 10.34 | 63.90 | 9.86  | 61.90 | 9.47  | 59.70 | 9.10  | 55.90 | 8.46  |
| 50     | -30               | -30.2    | 38.10                     | 26.15 | 35.90 | 29.75 | 33.70 | 28.19 | 32.60 | 26.70 | 31.50 | 25.32 | 29.40 | 24.06 |
|        | -24.8             | -25      | 60.20                     | 25.38 | 56.80 | 25.78 | 53.30 | 24.43 | 51.60 | 23.17 | 49.80 | 21.99 | 46.40 | 20.87 |
|        | -21.8             | -22      | 60.20                     | 25.72 | 56.80 | 24.38 | 53.30 | 23.11 | 51.60 | 21.93 | 49.80 | 20.82 | 46.40 | 19.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 60.20                     | 24.74 | 56.80 | 23.44 | 53.30 | 22.24 | 51.60 | 21.10 | 49.80 | 20.04 | 46.40 | 18.99 |
|        | -18.8             | -19      | 60.20                     | 24.26 | 56.80 | 22.97 | 53.30 | 21.82 | 51.60 | 20.69 | 49.80 | 19.66 | 46.40 | 18.64 |
|        | -16.7             | -17      | 60.20                     | 23.24 | 56.80 | 22.00 | 53.30 | 20.89 | 51.60 | 19.81 | 49.80 | 18.85 | 46.40 | 17.86 |
|        | -15               | -15.9    | 60.20                     | 22.51 | 56.80 | 21.30 | 53.30 | 20.24 | 51.60 | 19.19 | 49.80 | 18.27 | 46.40 | 17.30 |
|        | -13.7             | -15      | 60.20                     | 21.79 | 56.80 | 20.60 | 53.30 | 19.59 | 51.60 | 18.58 | 49.80 | 17.70 | 46.40 | 16.75 |
|        | -11.8             | -13      | 60.20                     | 20.86 | 56.80 | 19.74 | 53.30 | 18.78 | 51.60 | 17.81 | 49.80 | 16.98 | 46.40 | 16.05 |
|        | -9.8              | -11      | 60.20                     | 19.91 | 56.80 | 18.82 | 53.30 | 17.91 | 51.60 | 16.99 | 49.80 | 16.21 | 46.40 | 15.33 |
|        | -9.5              | -10      | 60.20                     | 19.77 | 56.80 | 18.68 | 53.30 | 17.78 | 51.60 | 16.87 | 49.80 | 16.11 | 46.40 | 15.21 |
|        | -8.5              | -9.1     | 60.20                     | 19.30 | 56.80 | 18.21 | 53.30 | 17.36 | 51.60 | 16.47 | 49.80 | 15.73 | 46.40 | 14.84 |
|        | -7                | -7.6     | 60.20                     | 18.57 | 56.80 | 17.53 | 53.30 | 16.72 | 51.60 | 15.86 | 49.80 | 15.16 | 46.40 | 14.30 |
|        | -5                | -5.6     | 60.20                     | 17.64 | 56.80 | 16.65 | 53.30 | 15.89 | 51.60 | 15.08 | 49.80 | 14.43 | 46.40 | 13.60 |
|        | -3                | -3.7     | 60.20                     | 16.73 | 56.80 | 15.76 | 53.30 | 15.05 | 51.60 | 14.28 | 49.80 | 13.69 | 46.40 | 12.89 |
|        | 0                 | -0.7     | 60.20                     | 15.34 | 56.80 | 14.42 | 53.30 | 13.81 | 51.60 | 13.11 | 49.80 | 12.60 | 46.40 | 11.83 |
|        | 3                 | 2.2      | 60.20                     | 13.95 | 56.80 | 13.10 | 53.30 | 12.57 | 51.60 | 11.93 | 49.80 | 11.51 | 46.40 | 10.78 |
|        | 5                 | 4.1      | 60.20                     | 13.02 | 56.80 | 12.22 | 53.30 | 11.74 | 51.60 | 11.14 | 49.80 | 10.78 | 46.40 | 10.07 |
|        | 7                 | 6        | 60.20                     | 12.10 | 56.80 | 11.33 | 53.30 | 10.92 | 51.60 | 10.36 | 49.80 | 10.04 | 46.40 | 9.38  |
|        | 9                 | 7.9      | 60.20                     | 10.93 | 56.80 | 10.23 | 53.30 | 9.85  | 51.60 | 9.36  | 49.80 | 9.07  | 46.40 | 8.47  |
|        | 11                | 9.8      | 60.20                     | 10.23 | 56.80 | 9.57  | 53.30 | 9.21  | 51.60 | 8.76  | 49.80 | 8.49  | 46.40 | 7.91  |
|        | 13                | 11.8     | 60.20                     | 9.60  | 56.80 | 8.99  | 53.30 | 8.65  | 51.60 | 8.23  | 49.80 | 7.96  | 46.40 | 7.43  |
|        | 15                | 13.7     | 60.20                     | 9.09  | 56.80 | 8.51  | 53.30 | 8.19  | 51.60 | 7.78  | 49.80 | 7.55  | 46.40 | 7.03  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM360LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 44.20                     | 36.82 | 44.20 | 37.21 | 43.90 | 37.54 | 43.90 | 38.03 | 43.90 | 38.49 | 43.40 | 39.24 |
|        | -24.8             | -25      | 73.60                     | 37.96 | 73.60 | 38.34 | 73.10 | 38.66 | 73.10 | 39.16 | 73.10 | 39.62 | 72.40 | 40.35 |
|        | -21.8             | -22      | 89.80                     | 38.62 | 89.80 | 38.98 | 89.30 | 39.31 | 89.30 | 39.80 | 89.30 | 40.26 | 88.30 | 41.00 |
|        | -19.8             | -20      | 95.00                     | 39.04 | 95.00 | 39.41 | 94.40 | 39.73 | 94.40 | 40.21 | 94.40 | 40.68 | 93.40 | 41.41 |
|        | -18.8             | -19      | 97.20                     | 39.25 | 97.20 | 39.62 | 96.70 | 39.94 | 96.70 | 40.42 | 96.70 | 40.89 | 95.60 | 41.62 |
|        | -16.7             | -17      | 101.8                     | 39.70 | 101.8 | 40.07 | 101.3 | 40.39 | 101.3 | 40.86 | 101.3 | 41.32 | 100.2 | 42.06 |
|        | -15               | -15.9    | 105.2                     | 40.00 | 105.2 | 40.37 | 104.6 | 40.69 | 104.6 | 41.16 | 104.6 | 41.63 | 103.5 | 41.26 |
|        | -13.7             | -15      | 108.6                     | 40.33 | 108.6 | 40.69 | 107.9 | 41.01 | 107.9 | 41.48 | 107.9 | 41.96 | 106.7 | 40.48 |
|        | -11.8             | -13      | 112.2                     | 40.72 | 112.2 | 41.09 | 111.4 | 41.42 | 111.4 | 41.89 | 111.4 | 40.90 | 110.5 | 39.48 |
|        | -9.8              | -11      | 116.0                     | 41.15 | 116.0 | 41.50 | 115.4 | 41.82 | 115.4 | 40.79 | 115.4 | 39.81 | 114.5 | 38.44 |
|        | -9.5              | -10      | 117.0                     | 41.20 | 117.0 | 41.56 | 116.2 | 41.65 | 116.2 | 40.62 | 115.9 | 39.65 | 115.0 | 38.29 |
|        | -8.5              | -9.1     | 120.4                     | 41.42 | 120.4 | 41.77 | 119.6 | 41.10 | 119.6 | 40.07 | 117.7 | 39.09 | 117.1 | 37.76 |
|        | -7                | -7.6     | 125.5                     | 41.72 | 125.5 | 40.98 | 124.6 | 40.27 | 124.6 | 39.24 | 124.6 | 38.28 | 121.5 | 36.98 |
|        | -5                | -5.6     | 132.2                     | 40.78 | 132.2 | 39.97 | 131.3 | 39.23 | 131.3 | 38.23 | 131.1 | 37.19 | 125.5 | 35.92 |
|        | -3                | -3.7     | 138.0                     | 39.57 | 138.0 | 38.72 | 137.4 | 38.01 | 135.8 | 36.58 | 133.6 | 35.07 | 127.7 | 34.36 |
|        | 0                 | -0.7     | 141.7                     | 36.63 | 141.7 | 35.73 | 141.1 | 34.98 | 139.5 | 33.92 | 137.3 | 33.01 | 128.0 | 31.39 |
|        | 3                 | 2.2      | 145.5                     | 35.21 | 145.5 | 34.24 | 144.8 | 33.38 | 142.5 | 32.29 | 137.5 | 30.77 | 128.0 | 29.67 |
|        | 5                 | 4.1      | 146.5                     | 33.97 | 146.5 | 32.94 | 146.1 | 32.11 | 142.5 | 30.78 | 137.5 | 29.67 | 128.0 | 28.76 |
|        | 7                 | 6        | 146.5                     | 32.54 | 146.5 | 31.49 | 146.1 | 30.64 | 142.5 | 29.60 | 137.5 | 28.73 | 128.0 | 27.87 |
|        | 9                 | 7.9      | 146.5                     | 31.73 | 146.5 | 30.72 | 146.1 | 29.83 | 142.5 | 28.96 | 137.5 | 28.10 | 128.0 | 27.25 |
|        | 11                | 9.8      | 146.5                     | 31.31 | 146.5 | 30.29 | 146.1 | 29.42 | 142.5 | 28.55 | 137.5 | 27.71 | 128.0 | 26.88 |
|        | 13                | 11.8     | 146.5                     | 30.83 | 146.5 | 29.84 | 146.1 | 28.97 | 142.5 | 28.14 | 137.5 | 27.29 | 128.0 | 26.48 |
|        | 15                | 13.7     | 146.5                     | 30.33 | 146.5 | 29.35 | 146.1 | 28.49 | 142.5 | 27.67 | 137.5 | 26.84 | 128.0 | 26.04 |
| 120    | -30               | -30.2    | 43.90                     | 37.21 | 43.90 | 37.54 | 43.50 | 38.03 | 43.50 | 38.49 | 43.50 | 39.24 | 43.00 | 39.78 |
|        | -24.8             | -25      | 73.10                     | 38.34 | 73.10 | 38.66 | 72.60 | 39.16 | 72.60 | 39.62 | 72.60 | 40.35 | 71.80 | 40.87 |
|        | -21.8             | -22      | 89.30                     | 38.98 | 89.30 | 39.31 | 88.70 | 39.80 | 88.70 | 40.26 | 88.70 | 41.00 | 87.80 | 41.50 |
|        | -19.8             | -20      | 94.40                     | 39.41 | 94.40 | 39.73 | 93.70 | 40.21 | 93.70 | 40.68 | 93.70 | 41.41 | 92.60 | 41.92 |
|        | -18.8             | -19      | 96.60                     | 39.62 | 96.60 | 39.94 | 95.90 | 40.42 | 95.90 | 40.89 | 95.90 | 41.62 | 94.90 | 42.13 |
|        | -16.7             | -17      | 101.2                     | 40.07 | 101.2 | 40.39 | 100.6 | 40.86 | 100.6 | 41.32 | 100.6 | 42.06 | 99.50 | 41.10 |
|        | -15               | -15.9    | 104.5                     | 40.37 | 104.5 | 40.69 | 103.8 | 41.16 | 103.8 | 41.63 | 103.8 | 41.29 | 102.7 | 40.37 |
|        | -13.7             | -15      | 107.7                     | 40.69 | 107.7 | 41.01 | 107.1 | 41.48 | 107.1 | 41.96 | 107.1 | 40.54 | 106.0 | 39.65 |
|        | -11.8             | -13      | 111.4                     | 41.09 | 111.4 | 41.42 | 110.7 | 41.89 | 110.7 | 40.89 | 110.7 | 39.60 | 109.8 | 38.72 |
|        | -9.8              | -11      | 115.1                     | 41.50 | 115.1 | 41.82 | 114.3 | 40.74 | 114.3 | 39.79 | 114.3 | 38.60 | 113.6 | 37.77 |
|        | -9.5              | -10      | 116.2                     | 41.56 | 116.2 | 41.64 | 115.4 | 40.57 | 115.4 | 39.63 | 115.4 | 38.44 | 114.6 | 37.62 |
|        | -8.5              | -9.1     | 119.5                     | 41.77 | 119.5 | 41.04 | 118.8 | 40.00 | 118.8 | 39.07 | 118.3 | 37.95 | 117.4 | 37.13 |
|        | -7                | -7.6     | 124.5                     | 40.89 | 124.5 | 40.13 | 123.8 | 39.14 | 123.8 | 38.25 | 121.6 | 37.20 | 119.2 | 36.03 |
|        | -5                | -5.6     | 131.3                     | 39.78 | 131.3 | 39.00 | 130.3 | 38.05 | 128.8 | 36.78 | 126.9 | 35.34 | 120.2 | 34.16 |
|        | -3                | -3.7     | 137.0                     | 38.42 | 136.3 | 37.46 | 133.4 | 36.00 | 131.4 | 34.69 | 129.4 | 33.64 | 120.2 | 32.18 |
|        | 0                 | -0.7     | 140.7                     | 35.27 | 140.0 | 34.44 | 137.0 | 33.66 | 133.6 | 32.59 | 129.4 | 31.41 | 120.2 | 30.77 |
|        | 3                 | 2.2      | 144.5                     | 33.63 | 143.8 | 32.82 | 138.2 | 31.53 | 133.6 | 30.55 | 129.4 | 30.09 | 120.2 | 29.52 |
|        | 5                 | 4.1      | 145.4                     | 32.24 | 143.8 | 31.22 | 138.2 | 30.19 | 133.6 | 29.60 | 129.4 | 29.23 | 120.2 | 28.70 |
|        | 7                 | 6        | 145.4                     | 30.67 | 143.8 | 29.78 | 138.2 | 29.19 | 133.6 | 28.64 | 129.4 | 28.36 | 120.2 | 27.85 |
|        | 9                 | 7.9      | 145.4                     | 29.86 | 143.8 | 29.04 | 138.2 | 28.47 | 133.6 | 27.93 | 129.4 | 27.66 | 120.2 | 27.17 |
|        | 11                | 9.8      | 145.4                     | 29.37 | 143.8 | 28.56 | 138.2 | 28.00 | 133.6 | 27.47 | 129.4 | 27.20 | 120.2 | 26.73 |
|        | 13                | 11.8     | 145.4                     | 28.83 | 143.8 | 28.05 | 138.2 | 27.50 | 133.6 | 26.97 | 129.4 | 26.71 | 120.2 | 26.24 |
|        | 15                | 13.7     | 145.4                     | 28.26 | 143.8 | 27.49 | 138.2 | 26.96 | 133.6 | 26.44 | 129.4 | 26.18 | 120.2 | 25.73 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 43.60                     | 37.54 | 43.60 | 38.03 | 43.40 | 38.49 | 43.40 | 39.24 | 43.40 | 39.78 | 42.90 | 40.00 |
|        | -24.8             | -25      | 72.70                     | 38.66 | 72.70 | 39.16 | 72.20 | 39.62 | 72.20 | 40.35 | 72.20 | 40.87 | 71.40 | 41.12 |
|        | -21.8             | -22      | 88.70                     | 39.31 | 88.70 | 39.80 | 88.20 | 40.26 | 88.20 | 41.00 | 88.20 | 41.50 | 87.30 | 41.75 |
|        | -19.8             | -20      | 93.80                     | 39.73 | 93.80 | 40.21 | 93.20 | 40.68 | 93.20 | 41.41 | 93.20 | 41.92 | 92.10 | 42.16 |
|        | -18.8             | -19      | 95.90                     | 39.94 | 95.90 | 40.42 | 95.40 | 40.89 | 95.40 | 41.62 | 95.40 | 42.13 | 94.40 | 41.62 |
|        | -16.7             | -17      | 100.7                     | 40.39 | 100.7 | 40.86 | 100.0 | 41.32 | 100.0 | 42.06 | 100.0 | 41.02 | 99.00 | 40.47 |
|        | -15               | -15.9    | 103.9                     | 40.69 | 103.9 | 41.16 | 103.2 | 41.63 | 103.2 | 41.22 | 103.2 | 40.23 | 102.7 | 39.65 |
|        | -13.7             | -15      | 107.2                     | 41.01 | 107.2 | 41.48 | 106.5 | 41.96 | 106.5 | 40.38 | 106.5 | 39.45 | 106.5 | 38.85 |
|        | -11.8             | -13      | 110.7                     | 41.42 | 110.7 | 41.89 | 110.2 | 40.79 | 110.2 | 39.34 | 110.2 | 38.43 | 108.2 | 37.14 |
|        | -9.8              | -11      | 114.6                     | 41.82 | 114.6 | 40.59 | 113.8 | 39.57 | 113.8 | 38.23 | 113.8 | 37.39 | 108.2 | 35.05 |
|        | -9.5              | -10      | 115.4                     | 41.61 | 115.4 | 40.39 | 114.9 | 39.38 | 114.9 | 38.07 | 114.9 | 37.23 | 108.2 | 34.53 |
|        | -8.5              | -9.1     | 118.8                     | 40.92 | 118.8 | 39.74 | 118.1 | 38.77 | 118.1 | 37.52 | 115.9 | 36.13 | 108.2 | 33.53 |
|        | -7                | -7.6     | 123.9                     | 39.87 | 123.9 | 38.76 | 121.8 | 37.45 | 119.9 | 35.73 | 115.9 | 34.29 | 108.2 | 32.60 |
|        | -5                | -5.6     | 130.5                     | 38.54 | 128.2 | 36.88 | 124.0 | 35.13 | 119.9 | 33.26 | 115.9 | 32.59 | 108.2 | 31.66 |
|        | -3                | -3.7     | 134.1                     | 36.42 | 130.7 | 34.64 | 124.0 | 33.16 | 119.9 | 32.02 | 115.9 | 31.42 | 108.2 | 30.72 |
|        | 0                 | -0.7     | 137.7                     | 33.54 | 132.1 | 32.25 | 124.0 | 31.29 | 119.9 | 30.57 | 115.9 | 30.05 | 108.2 | 29.30 |
|        | 3                 | 2.2      | 139.8                     | 31.28 | 132.1 | 30.14 | 124.0 | 29.68 | 119.9 | 29.14 | 115.9 | 28.69 | 108.2 | 27.91 |
|        | 5                 | 4.1      | 139.8                     | 29.52 | 132.1 | 29.01 | 124.0 | 28.63 | 119.9 | 28.17 | 115.9 | 27.78 | 108.2 | 26.96 |
|        | 7                 | 6        | 139.8                     | 28.28 | 132.1 | 27.85 | 124.0 | 27.56 | 119.9 | 27.22 | 115.9 | 26.87 | 108.2 | 26.03 |
|        | 9                 | 7.9      | 139.8                     | 27.46 | 132.1 | 27.05 | 124.0 | 26.75 | 119.9 | 26.42 | 115.9 | 26.08 | 108.2 | 25.27 |
|        | 11                | 9.8      | 139.8                     | 26.87 | 132.1 | 26.47 | 124.0 | 26.18 | 119.9 | 25.86 | 115.9 | 25.52 | 108.2 | 24.73 |
| 100    | 13                | 11.8     | 139.8                     | 26.25 | 132.1 | 25.86 | 124.0 | 25.57 | 119.9 | 25.26 | 115.9 | 24.93 | 108.2 | 24.15 |
|        | 15                | 13.7     | 139.8                     | 25.57 | 132.1 | 25.19 | 124.0 | 24.90 | 119.9 | 24.61 | 115.9 | 24.29 | 108.2 | 23.53 |
|        | -30               | -30.2    | 43.40                     | 42.64 | 43.40 | 42.63 | 43.10 | 38.02 | 43.10 | 42.58 | 43.10 | 41.68 | 42.60 | 42.57 |
|        | -24.8             | -25      | 72.30                     | 42.43 | 72.30 | 42.42 | 71.90 | 40.05 | 71.90 | 42.38 | 71.90 | 42.38 | 71.00 | 42.37 |
|        | -21.8             | -22      | 88.30                     | 42.31 | 88.30 | 42.29 | 87.80 | 41.22 | 87.80 | 42.27 | 87.80 | 42.78 | 86.90 | 42.26 |
|        | -19.8             | -20      | 93.40                     | 42.22 | 93.40 | 42.21 | 92.80 | 41.96 | 92.80 | 42.18 | 92.80 | 42.35 | 91.80 | 42.16 |
|        | -18.8             | -19      | 95.60                     | 42.18 | 95.00 | 42.18 | 95.00 | 42.16 | 95.00 | 42.14 | 95.00 | 42.13 | 94.00 | 41.50 |
|        | -16.7             | -17      | 99.50                     | 42.11 | 99.50 | 42.09 | 99.50 | 42.60 | 99.00 | 42.06 | 99.00 | 40.76 | 98.00 | 40.09 |
|        | -15               | -15.9    | 103.2                     | 42.03 | 103.2 | 42.02 | 102.8 | 42.27 | 102.6 | 41.07 | 102.6 | 39.76 | 98.80 | 38.06 |
|        | -13.7             | -15      | 106.7                     | 41.97 | 106.7 | 41.97 | 106.1 | 41.96 | 106.1 | 40.08 | 106.1 | 38.79 | 98.80 | 35.87 |
|        | -11.8             | -13      | 110.2                     | 41.91 | 109.6 | 41.89 | 109.6 | 40.65 | 109.6 | 38.83 | 106.2 | 36.38 | 98.80 | 34.12 |
|        | -9.8              | -11      | 113.9                     | 41.82 | 113.9 | 40.43 | 113.4 | 39.27 | 109.8 | 36.32 | 106.2 | 34.20 | 98.80 | 32.83 |
|        | -9.5              | -10      | 114.9                     | 41.59 | 114.9 | 40.21 | 113.4 | 38.71 | 109.8 | 35.82 | 106.2 | 33.81 | 98.80 | 32.65 |
|        | -8.5              | -9.1     | 118.2                     | 40.84 | 118.2 | 39.48 | 113.4 | 36.98 | 109.8 | 33.91 | 106.2 | 32.75 | 98.80 | 32.03 |
|        | -7                | -7.6     | 124.7                     | 39.54 | 120.6 | 37.12 | 113.4 | 34.53 | 109.8 | 33.00 | 106.2 | 31.85 | 98.80 | 31.12 |
|        | -5                | -5.6     | 127.7                     | 37.36 | 120.6 | 34.49 | 113.4 | 33.33 | 109.8 | 31.85 | 106.2 | 30.71 | 98.80 | 29.96 |
|        | -3                | -3.7     | 128.0                     | 35.05 | 120.6 | 32.96 | 113.4 | 32.13 | 109.8 | 30.70 | 106.2 | 29.57 | 98.80 | 28.79 |
|        | 0                 | -0.7     | 128.0                     | 32.05 | 120.6 | 31.02 | 113.4 | 30.30 | 109.8 | 28.97 | 106.2 | 27.86 | 98.80 | 27.03 |
|        | 3                 | 2.2      | 128.0                     | 30.05 | 120.6 | 29.10 | 113.4 | 28.49 | 109.8 | 27.24 | 106.2 | 26.14 | 98.80 | 25.28 |
|        | 5                 | 4.1      | 128.0                     | 28.72 | 120.6 | 27.81 | 113.4 | 27.28 | 109.8 | 26.09 | 106.2 | 25.00 | 98.80 | 24.11 |
|        | 7                 | 6        | 128.0                     | 27.38 | 120.6 | 26.52 | 113.4 | 26.06 | 109.8 | 24.93 | 106.2 | 23.86 | 98.80 | 22.94 |
| 90     | 9                 | 7.9      | 128.0                     | 26.40 | 120.6 | 25.58 | 113.4 | 25.13 | 109.8 | 24.04 | 106.2 | 23.01 | 98.80 | 22.12 |
|        | 11                | 9.8      | 128.0                     | 25.65 | 120.6 | 24.84 | 113.4 | 24.42 | 109.8 | 23.35 | 106.2 | 22.35 | 98.80 | 21.49 |
|        | 13                | 11.8     | 128.0                     | 24.85 | 120.6 | 24.07 | 113.4 | 23.65 | 109.8 | 22.63 | 106.2 | 21.64 | 98.80 | 20.82 |
|        | 15                | 13.7     | 128.0                     | 24.00 | 120.6 | 23.25 | 113.4 | 22.84 | 109.8 | 21.86 | 106.2 | 20.90 | 98.80 | 20.11 |
|        | -30               | -30.2    | 43.30                     | 36.90 | 43.30 | 37.62 | 43.00 | 38.14 | 43.00 | 38.38 | 43.00 | 38.90 | 42.50 | 43.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 72.10                     | 38.01 | 72.10 | 38.75 | 71.60 | 39.27 | 71.60 | 39.50 | 71.60 | 40.00 | 70.80 | 40.74 |
|        | -21.8             | -22      | 88.00                     | 38.64 | 88.00 | 39.39 | 87.40 | 39.91 | 87.40 | 40.14 | 87.40 | 40.64 | 86.50 | 38.96 |
|        | -19.8             | -20      | 93.10                     | 39.09 | 93.10 | 39.81 | 92.40 | 40.33 | 92.40 | 40.57 | 92.40 | 39.44 | 90.40 | 37.36 |
|        | -18.8             | -19      | 95.60                     | 39.29 | 95.00 | 40.02 | 94.70 | 40.53 | 94.70 | 39.95 | 94.70 | 38.83 | 90.40 | 35.91 |
|        | -16.7             | -17      | 99.50                     | 39.74 | 99.50 | 40.46 | 99.10 | 39.27 | 99.10 | 38.66 | 97.30 | 36.90 | 90.40 | 33.65 |
|        | -15               | -15.9    | 103.2                     | 40.05 | 103.2 | 39.53 | 102.4 | 38.37 | 100.6 | 37.08 | 97.30 | 35.15 | 90.40 | 32.64 |
|        | -13.7             | -15      | 106.7                     | 40.37 | 106.7 | 38.60 | 103.7 | 36.75 | 100.6 | 35.05 | 97.30 | 33.50 | 90.40 | 31.65 |
|        | -11.8             | -13      | 110.2                     | 39.11 | 109.6 | 37.42 | 103.7 | 34.51 | 100.6 | 33.41 | 97.30 | 32.08 | 90.40 | 30.62 |
|        | -9.8              | -11      | 113.9                     | 37.78 | 110.2 | 35.00 | 103.7 | 32.87 | 100.6 | 31.88 | 97.30 | 30.99 | 90.40 | 29.55 |
|        | -9.5              | -10      | 114.9                     | 37.58 | 110.2 | 34.52 | 103.7 | 32.50 | 100.6 | 31.71 | 97.30 | 30.82 | 90.40 | 29.39 |
|        | -8.5              | -9.1     | 117.0                     | 36.54 | 110.2 | 33.23 | 103.7 | 31.80 | 100.6 | 31.16 | 97.30 | 30.27 | 90.40 | 28.86 |
|        | -7                | -7.6     | 117.2                     | 33.62 | 110.2 | 31.89 | 103.7 | 30.97 | 100.6 | 30.33 | 97.30 | 29.45 | 90.40 | 28.05 |
|        | -5                | -5.6     | 117.2                     | 32.07 | 110.2 | 30.82 | 103.7 | 29.92 | 100.6 | 29.25 | 97.30 | 28.42 | 90.40 | 27.03 |
|        | -3                | -3.7     | 117.2                     | 30.91 | 110.2 | 29.73 | 103.7 | 28.88 | 100.6 | 28.18 | 97.30 | 27.37 | 90.40 | 26.01 |
|        | 0                 | -0.7     | 117.2                     | 29.16 | 110.2 | 28.09 | 103.7 | 27.32 | 100.6 | 26.58 | 97.30 | 25.81 | 90.40 | 24.48 |
|        | 3                 | 2.2      | 117.2                     | 27.41 | 110.2 | 26.47 | 103.7 | 25.75 | 100.6 | 24.98 | 97.30 | 24.24 | 90.40 | 22.94 |
|        | 5                 | 4.1      | 117.2                     | 26.24 | 110.2 | 25.38 | 103.7 | 24.70 | 100.6 | 23.92 | 97.30 | 23.20 | 90.40 | 21.92 |
|        | 7                 | 6        | 117.2                     | 25.08 | 110.2 | 24.31 | 103.7 | 23.65 | 100.6 | 22.85 | 97.30 | 22.17 | 90.40 | 20.91 |
|        | 9                 | 7.9      | 117.2                     | 23.96 | 110.2 | 23.23 | 103.7 | 22.60 | 100.6 | 21.83 | 97.30 | 21.18 | 90.40 | 19.97 |
|        | 11                | 9.8      | 117.2                     | 22.85 | 110.2 | 22.15 | 103.7 | 21.56 | 100.6 | 20.83 | 97.30 | 20.20 | 90.40 | 19.06 |
|        | 13                | 11.8     | 117.2                     | 21.74 | 110.2 | 21.08 | 103.7 | 20.51 | 100.6 | 19.81 | 97.30 | 19.22 | 90.40 | 18.11 |
|        | 15                | 13.7     | 117.2                     | 20.64 | 110.2 | 20.00 | 103.7 | 19.45 | 100.6 | 18.79 | 97.30 | 18.23 | 90.40 | 17.20 |
| 80     | -30               | -30.2    | 43.00                     | 32.30 | 43.00 | 33.05 | 42.80 | 33.60 | 42.80 | 32.95 | 42.80 | 38.94 | 42.30 | 37.35 |
|        | -24.8             | -25      | 71.80                     | 33.45 | 71.80 | 34.20 | 71.30 | 34.72 | 71.30 | 34.96 | 71.30 | 36.20 | 70.50 | 34.72 |
|        | -21.8             | -22      | 87.00                     | 34.11 | 87.00 | 34.85 | 87.00 | 35.37 | 87.00 | 36.11 | 86.20 | 34.33 | 80.80 | 31.44 |
|        | -19.8             | -20      | 92.10                     | 34.55 | 92.10 | 35.29 | 92.00 | 36.00 | 90.00 | 34.23 | 86.80 | 31.98 | 80.80 | 29.79 |
|        | -18.8             | -19      | 94.30                     | 34.77 | 94.30 | 36.02 | 92.90 | 34.99 | 90.00 | 32.99 | 86.80 | 31.15 | 80.80 | 29.33 |
|        | -16.7             | -17      | 98.10                     | 35.96 | 98.10 | 34.87 | 92.90 | 32.53 | 90.00 | 31.11 | 86.80 | 29.60 | 80.80 | 28.37 |
|        | -15               | -15.9    | 101.5                     | 35.11 | 98.80 | 33.47 | 92.90 | 31.36 | 90.00 | 30.20 | 86.80 | 28.88 | 80.80 | 27.67 |
|        | -13.7             | -15      | 103.4                     | 33.80 | 98.80 | 31.91 | 92.90 | 30.25 | 90.00 | 29.31 | 86.80 | 28.17 | 80.80 | 26.98 |
|        | -11.8             | -13      | 104.9                     | 32.39 | 98.80 | 30.48 | 92.90 | 29.28 | 90.00 | 28.38 | 86.80 | 27.26 | 80.80 | 26.12 |
|        | -9.8              | -11      | 104.9                     | 30.60 | 98.80 | 29.14 | 92.90 | 28.28 | 90.00 | 27.37 | 86.80 | 26.31 | 80.80 | 25.20 |
|        | -9.5              | -10      | 104.9                     | 30.23 | 98.80 | 28.80 | 92.90 | 28.12 | 90.00 | 27.22 | 86.80 | 26.17 | 80.80 | 25.06 |
|        | -8.5              | -9.1     | 104.9                     | 29.39 | 98.80 | 28.17 | 92.90 | 27.62 | 90.00 | 26.73 | 86.80 | 25.70 | 80.80 | 24.62 |
|        | -7                | -7.6     | 104.9                     | 28.26 | 98.80 | 27.41 | 92.90 | 26.87 | 90.00 | 25.97 | 86.80 | 25.00 | 80.80 | 23.92 |
|        | -5                | -5.6     | 104.9                     | 27.28 | 98.80 | 26.47 | 92.90 | 25.91 | 90.00 | 25.03 | 86.80 | 24.09 | 80.80 | 23.06 |
|        | -3                | -3.7     | 104.9                     | 26.29 | 98.80 | 25.52 | 92.90 | 24.96 | 90.00 | 24.07 | 86.80 | 23.19 | 80.80 | 22.19 |
|        | 0                 | -0.7     | 104.9                     | 24.82 | 98.80 | 24.10 | 92.90 | 23.52 | 90.00 | 22.66 | 86.80 | 21.83 | 80.80 | 20.88 |
|        | 3                 | 2.2      | 104.9                     | 23.35 | 98.80 | 22.67 | 92.90 | 22.08 | 90.00 | 21.22 | 86.80 | 20.50 | 80.80 | 19.59 |
|        | 5                 | 4.1      | 104.9                     | 22.38 | 98.80 | 21.72 | 92.90 | 21.12 | 90.00 | 20.27 | 86.80 | 19.60 | 80.80 | 18.71 |
|        | 7                 | 6        | 104.9                     | 21.39 | 98.80 | 20.77 | 92.90 | 20.16 | 90.00 | 19.32 | 86.80 | 18.68 | 80.80 | 17.84 |
|        | 9                 | 7.9      | 104.9                     | 20.08 | 98.80 | 19.51 | 92.90 | 18.94 | 90.00 | 18.14 | 86.80 | 17.55 | 80.80 | 16.75 |
|        | 11                | 9.8      | 104.9                     | 18.64 | 98.80 | 18.11 | 92.90 | 17.58 | 90.00 | 16.83 | 86.80 | 16.28 | 80.80 | 15.55 |
|        | 13                | 11.8     | 104.9                     | 17.40 | 98.80 | 16.90 | 92.90 | 16.41 | 90.00 | 15.71 | 86.80 | 15.21 | 80.80 | 14.51 |
|        | 15                | 13.7     | 104.9                     | 16.39 | 98.80 | 15.90 | 92.90 | 15.44 | 90.00 | 14.80 | 86.80 | 14.31 | 80.80 | 13.66 |
| 70     | -30               | -30.2    | 43.00                     | 32.57 | 43.00 | 32.84 | 42.80 | 33.34 | 42.80 | 38.16 | 42.80 | 36.36 | 42.30 | 34.77 |
|        | -24.8             | -25      | 71.80                     | 33.73 | 71.80 | 33.97 | 71.30 | 34.47 | 71.30 | 35.20 | 71.30 | 33.60 | 69.10 | 31.45 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 84.60                     | 34.39 | 83.90 | 34.20 | 79.00 | 32.92 | 76.30 | 31.01 | 74.00 | 29.62 | 69.10 | 28.27 |
|        | -19.8             | -20      | 88.90                     | 34.03 | 84.00 | 32.88 | 79.00 | 31.41 | 76.30 | 29.98 | 74.00 | 28.65 | 69.10 | 27.32 |
|        | -18.8             | -19      | 88.90                     | 33.34 | 84.00 | 31.97 | 79.00 | 30.87 | 76.30 | 29.45 | 74.00 | 28.16 | 69.10 | 26.84 |
|        | -16.7             | -17      | 88.90                     | 31.38 | 84.00 | 30.71 | 79.00 | 29.73 | 76.30 | 28.37 | 74.00 | 27.13 | 69.10 | 25.85 |
|        | -15               | -15.9    | 88.90                     | 30.49 | 84.00 | 29.88 | 79.00 | 28.91 | 76.30 | 27.58 | 74.00 | 26.40 | 69.10 | 25.15 |
|        | -13.7             | -15      | 88.90                     | 29.62 | 84.00 | 29.04 | 79.00 | 28.11 | 76.30 | 26.82 | 74.00 | 25.69 | 69.10 | 24.45 |
|        | -11.8             | -13      | 88.90                     | 28.57 | 84.00 | 27.99 | 79.00 | 27.08 | 76.30 | 25.84 | 74.00 | 24.77 | 69.10 | 23.55 |
|        | -9.8              | -11      | 88.90                     | 27.49 | 84.00 | 26.87 | 79.00 | 26.00 | 76.30 | 24.81 | 74.00 | 23.80 | 69.10 | 22.62 |
|        | -9.5              | -10      | 88.90                     | 27.33 | 84.00 | 26.71 | 79.00 | 25.84 | 76.30 | 24.66 | 74.00 | 23.66 | 69.10 | 22.48 |
|        | -8.5              | -9.1     | 88.90                     | 26.77 | 84.00 | 26.15 | 79.00 | 25.31 | 76.30 | 24.16 | 74.00 | 23.18 | 69.10 | 22.02 |
|        | -7                | -7.6     | 88.90                     | 25.96 | 84.00 | 25.34 | 79.00 | 24.52 | 76.30 | 23.39 | 74.00 | 22.46 | 69.10 | 21.32 |
|        | -5                | -5.6     | 88.90                     | 24.92 | 84.00 | 24.27 | 79.00 | 23.47 | 76.30 | 22.41 | 74.00 | 21.55 | 69.10 | 20.44 |
|        | -3                | -3.7     | 88.90                     | 23.88 | 84.00 | 23.22 | 79.00 | 22.45 | 76.30 | 21.43 | 74.00 | 20.62 | 69.10 | 19.54 |
|        | 0                 | -0.7     | 88.90                     | 22.31 | 84.00 | 21.63 | 79.00 | 20.91 | 76.30 | 19.96 | 74.00 | 19.24 | 69.10 | 18.20 |
|        | 3                 | 2.2      | 88.90                     | 20.74 | 84.00 | 20.04 | 79.00 | 19.37 | 76.30 | 18.49 | 74.00 | 17.87 | 69.10 | 16.86 |
|        | 5                 | 4.1      | 88.90                     | 19.71 | 84.00 | 18.98 | 79.00 | 18.35 | 76.30 | 17.51 | 74.00 | 16.95 | 69.10 | 15.98 |
|        | 7                 | 6        | 88.90                     | 18.66 | 84.00 | 17.92 | 79.00 | 17.32 | 76.30 | 16.53 | 74.00 | 16.04 | 69.10 | 15.08 |
|        | 9                 | 7.9      | 88.90                     | 16.87 | 84.00 | 16.19 | 79.00 | 15.63 | 76.30 | 14.93 | 74.00 | 14.47 | 69.10 | 13.61 |
|        | 11                | 9.8      | 88.90                     | 15.70 | 84.00 | 15.06 | 79.00 | 14.56 | 76.30 | 13.90 | 74.00 | 13.48 | 69.10 | 12.67 |
|        | 13                | 11.8     | 88.90                     | 14.69 | 84.00 | 14.09 | 79.00 | 13.62 | 76.30 | 13.01 | 74.00 | 12.61 | 69.10 | 11.87 |
|        | 15                | 13.7     | 88.90                     | 13.85 | 84.00 | 13.29 | 79.00 | 12.85 | 76.30 | 12.27 | 74.00 | 11.88 | 69.10 | 11.18 |
| 60     | -30               | -30.2    | 42.70                     | 32.07 | 42.70 | 32.56 | 42.40 | 37.61 | 41.60 | 35.69 | 40.80 | 33.91 | 38.40 | 32.31 |
|        | -24.8             | -25      | 71.10                     | 33.22 | 71.10 | 33.72 | 67.70 | 33.05 | 65.50 | 30.93 | 63.20 | 28.95 | 59.20 | 27.41 |
|        | -21.8             | -22      | 76.30                     | 33.19 | 72.20 | 31.83 | 67.70 | 30.24 | 65.50 | 28.75 | 63.20 | 27.34 | 59.20 | 25.98 |
|        | -19.8             | -20      | 76.30                     | 31.78 | 72.20 | 30.66 | 67.70 | 29.13 | 65.50 | 27.70 | 63.20 | 26.35 | 59.20 | 25.03 |
|        | -18.8             | -19      | 76.30                     | 31.18 | 72.20 | 30.07 | 67.70 | 28.59 | 65.50 | 27.20 | 63.20 | 25.86 | 59.20 | 24.54 |
|        | -16.7             | -17      | 76.30                     | 29.96 | 72.20 | 28.85 | 67.70 | 27.42 | 65.50 | 26.10 | 63.20 | 24.84 | 59.20 | 23.55 |
|        | -15               | -15.9    | 76.30                     | 29.08 | 72.20 | 27.98 | 67.70 | 26.59 | 65.50 | 25.32 | 63.20 | 24.11 | 59.20 | 22.84 |
|        | -13.7             | -15      | 76.30                     | 28.22 | 72.20 | 27.12 | 67.70 | 25.77 | 65.50 | 24.55 | 63.20 | 23.39 | 59.20 | 22.14 |
|        | -11.8             | -13      | 76.30                     | 27.12 | 72.20 | 26.02 | 67.70 | 24.74 | 65.50 | 23.57 | 63.20 | 22.46 | 59.20 | 21.24 |
|        | -9.8              | -11      | 76.30                     | 25.95 | 72.20 | 24.87 | 67.70 | 23.65 | 65.50 | 22.55 | 63.20 | 21.50 | 59.20 | 20.31 |
|        | -9.5              | -10      | 76.30                     | 25.78 | 72.20 | 24.70 | 67.70 | 23.50 | 65.50 | 22.40 | 63.20 | 21.34 | 59.20 | 20.16 |
|        | -8.5              | -9.1     | 76.30                     | 25.21 | 72.20 | 24.13 | 67.70 | 22.95 | 65.50 | 21.90 | 63.20 | 20.87 | 59.20 | 19.70 |
|        | -7                | -7.6     | 76.30                     | 24.36 | 72.20 | 23.28 | 67.70 | 22.14 | 65.50 | 21.12 | 63.20 | 20.15 | 59.20 | 19.00 |
|        | -5                | -5.6     | 76.30                     | 23.24 | 72.20 | 22.16 | 67.70 | 21.09 | 65.50 | 20.14 | 63.20 | 19.22 | 59.20 | 18.11 |
|        | -3                | -3.7     | 76.30                     | 22.14 | 72.20 | 21.06 | 67.70 | 20.05 | 65.50 | 19.16 | 63.20 | 18.29 | 59.20 | 17.20 |
|        | 0                 | -0.7     | 76.30                     | 20.47 | 72.20 | 19.40 | 67.70 | 18.48 | 65.50 | 17.68 | 63.20 | 16.91 | 59.20 | 15.85 |
|        | 3                 | 2.2      | 76.30                     | 18.81 | 72.20 | 17.75 | 67.70 | 16.90 | 65.50 | 16.21 | 63.20 | 15.51 | 59.20 | 14.50 |
|        | 5                 | 4.1      | 76.30                     | 17.70 | 72.20 | 16.65 | 67.70 | 15.87 | 65.50 | 15.22 | 63.20 | 14.59 | 59.20 | 13.59 |
|        | 7                 | 6        | 76.30                     | 16.60 | 72.20 | 15.54 | 67.70 | 14.82 | 65.50 | 14.24 | 63.20 | 13.65 | 59.20 | 12.70 |
|        | 9                 | 7.9      | 76.30                     | 14.80 | 72.20 | 13.87 | 67.70 | 13.22 | 65.50 | 12.71 | 63.20 | 12.19 | 59.20 | 11.34 |
|        | 11                | 9.8      | 76.30                     | 13.82 | 72.20 | 12.95 | 67.70 | 12.34 | 65.50 | 11.88 | 63.20 | 11.39 | 59.20 | 10.58 |
|        | 13                | 11.8     | 76.30                     | 12.95 | 72.20 | 12.12 | 67.70 | 11.57 | 65.50 | 11.12 | 63.20 | 10.66 | 59.20 | 9.91  |
|        | 15                | 13.7     | 76.30                     | 12.23 | 72.20 | 11.46 | 67.70 | 10.93 | 65.50 | 10.49 | 63.20 | 10.08 | 59.20 | 9.37  |
| 50     | -30               | -30.2    | 41.30                     | 28.33 | 39.00 | 33.04 | 36.60 | 31.33 | 35.50 | 29.76 | 34.20 | 28.18 | 32.00 | 26.84 |
|        | -24.8             | -25      | 63.70                     | 27.30 | 60.10 | 27.97 | 56.50 | 26.53 | 54.70 | 25.19 | 52.80 | 23.91 | 49.20 | 22.72 |
|        | -21.8             | -22      | 63.70                     | 27.90 | 60.10 | 26.47 | 56.50 | 25.13 | 54.70 | 23.85 | 52.80 | 22.67 | 49.20 | 21.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 63.70                     | 26.85 | 60.10 | 25.47 | 56.50 | 24.18 | 54.70 | 22.97 | 52.80 | 21.84 | 49.20 | 20.71 |
|        | -18.8             | -19      | 63.70                     | 26.35 | 60.10 | 24.97 | 56.50 | 23.74 | 54.70 | 22.52 | 52.80 | 21.42 | 49.20 | 20.33 |
|        | -16.7             | -17      | 63.70                     | 25.26 | 60.10 | 23.94 | 56.50 | 22.75 | 54.70 | 21.59 | 52.80 | 20.56 | 49.20 | 19.49 |
|        | -15               | -15.9    | 63.70                     | 24.48 | 60.10 | 23.19 | 56.50 | 22.05 | 54.70 | 20.93 | 52.80 | 19.94 | 49.20 | 18.88 |
|        | -13.7             | -15      | 63.70                     | 23.71 | 60.10 | 22.45 | 56.50 | 21.35 | 54.70 | 20.27 | 52.80 | 19.33 | 49.20 | 18.30 |
|        | -11.8             | -13      | 63.70                     | 22.73 | 60.10 | 21.52 | 56.50 | 20.49 | 54.70 | 19.45 | 52.80 | 18.56 | 49.20 | 17.55 |
|        | -9.8              | -11      | 63.70                     | 21.72 | 60.10 | 20.54 | 56.50 | 19.56 | 54.70 | 18.57 | 52.80 | 17.74 | 49.20 | 16.77 |
|        | -9.5              | -10      | 63.70                     | 21.57 | 60.10 | 20.39 | 56.50 | 19.42 | 54.70 | 18.45 | 52.80 | 17.62 | 49.20 | 16.65 |
|        | -8.5              | -9.1     | 63.70                     | 21.06 | 60.10 | 19.89 | 56.50 | 18.97 | 54.70 | 18.01 | 52.80 | 17.22 | 49.20 | 16.25 |
|        | -7                | -7.6     | 63.70                     | 20.28 | 60.10 | 19.17 | 56.50 | 18.29 | 54.70 | 17.36 | 52.80 | 16.61 | 49.20 | 15.67 |
|        | -5                | -5.6     | 63.70                     | 19.30 | 60.10 | 18.23 | 56.50 | 17.40 | 54.70 | 16.53 | 52.80 | 15.82 | 49.20 | 14.92 |
|        | -3                | -3.7     | 63.70                     | 18.34 | 60.10 | 17.28 | 56.50 | 16.52 | 54.70 | 15.68 | 52.80 | 15.03 | 49.20 | 14.16 |
|        | 0                 | -0.7     | 63.70                     | 16.85 | 60.10 | 15.85 | 56.50 | 15.19 | 54.70 | 14.42 | 52.80 | 13.87 | 49.20 | 13.03 |
|        | 3                 | 2.2      | 63.70                     | 15.38 | 60.10 | 14.44 | 56.50 | 13.86 | 54.70 | 13.16 | 52.80 | 12.69 | 49.20 | 11.90 |
|        | 5                 | 4.1      | 63.70                     | 14.39 | 60.10 | 13.50 | 56.50 | 12.99 | 54.70 | 12.32 | 52.80 | 11.92 | 49.20 | 11.14 |
|        | 7                 | 6        | 63.70                     | 13.41 | 60.10 | 12.55 | 56.50 | 12.09 | 54.70 | 11.48 | 52.80 | 11.13 | 49.20 | 10.39 |
|        | 9                 | 7.9      | 63.70                     | 12.11 | 60.10 | 11.34 | 56.50 | 10.92 | 54.70 | 10.37 | 52.80 | 10.05 | 49.20 | 9.39  |
|        | 11                | 9.8      | 63.70                     | 11.33 | 60.10 | 10.61 | 56.50 | 10.22 | 54.70 | 9.71  | 52.80 | 9.41  | 49.20 | 8.77  |
|        | 13                | 11.8     | 63.70                     | 10.64 | 60.10 | 9.96  | 56.50 | 9.60  | 54.70 | 9.12  | 52.80 | 8.83  | 49.20 | 8.24  |
|        | 15                | 13.7     | 63.70                     | 10.07 | 60.10 | 9.43  | 56.50 | 9.08  | 54.70 | 8.61  | 52.80 | 8.36  | 49.20 | 7.79  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM380LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 48.60                     | 39.66 | 48.60 | 39.84 | 48.20 | 40.01 | 48.20 | 40.26 | 48.20 | 40.53 | 47.30 | 40.88 |
|        | -24.8             | -25      | 80.90                     | 40.19 | 80.90 | 40.37 | 80.30 | 40.54 | 80.30 | 40.79 | 80.30 | 41.04 | 78.90 | 41.41 |
|        | -21.8             | -22      | 97.20                     | 40.49 | 97.20 | 40.68 | 96.60 | 40.85 | 96.60 | 41.10 | 96.60 | 41.33 | 94.70 | 41.72 |
|        | -19.8             | -20      | 102.0                     | 40.70 | 102.0 | 40.88 | 101.3 | 41.04 | 101.3 | 41.30 | 101.3 | 41.53 | 99.30 | 41.91 |
|        | -18.8             | -19      | 104.0                     | 40.78 | 104.0 | 40.98 | 103.4 | 41.14 | 103.4 | 41.39 | 103.4 | 41.63 | 101.4 | 42.01 |
|        | -16.7             | -17      | 108.4                     | 41.01 | 108.4 | 41.19 | 107.7 | 41.35 | 107.7 | 41.60 | 107.7 | 41.83 | 105.7 | 42.22 |
|        | -15               | -15.9    | 111.6                     | 41.14 | 111.6 | 41.33 | 110.8 | 41.49 | 110.8 | 41.74 | 110.8 | 41.98 | 108.8 | 41.35 |
|        | -13.7             | -15      | 114.8                     | 41.30 | 114.8 | 41.48 | 114.1 | 41.64 | 114.1 | 41.89 | 114.1 | 42.14 | 111.9 | 40.50 |
|        | -11.8             | -13      | 118.5                     | 41.48 | 118.5 | 41.66 | 117.7 | 41.83 | 117.7 | 42.09 | 117.7 | 40.97 | 115.7 | 39.41 |
|        | -9.8              | -11      | 122.4                     | 41.68 | 122.4 | 41.87 | 121.7 | 42.03 | 121.7 | 40.86 | 121.7 | 39.78 | 119.8 | 38.29 |
|        | -9.5              | -10      | 123.1                     | 41.72 | 123.1 | 41.89 | 122.4 | 41.84 | 122.4 | 40.67 | 122.3 | 39.60 | 120.4 | 38.12 |
|        | -8.5              | -9.1     | 125.5                     | 41.81 | 125.5 | 42.00 | 124.7 | 41.21 | 124.7 | 40.07 | 124.1 | 39.00 | 122.5 | 37.56 |
|        | -7                | -7.6     | 129.1                     | 41.96 | 129.1 | 41.07 | 128.3 | 40.27 | 128.3 | 39.14 | 128.3 | 38.10 | 125.6 | 36.70 |
|        | -5                | -5.6     | 133.8                     | 40.81 | 133.8 | 39.90 | 133.0 | 39.09 | 133.0 | 37.98 | 133.0 | 36.94 | 129.6 | 35.63 |
|        | -3                | -3.7     | 138.6                     | 39.65 | 138.6 | 38.71 | 137.7 | 37.87 | 137.7 | 36.80 | 137.7 | 35.79 | 133.7 | 34.55 |
|        | 0                 | -0.7     | 145.6                     | 37.94 | 145.6 | 36.96 | 144.8 | 36.07 | 144.8 | 35.05 | 144.8 | 34.07 | 135.1 | 31.79 |
|        | 3                 | 2.2      | 152.9                     | 36.22 | 152.9 | 35.19 | 151.9 | 34.28 | 150.4 | 32.97 | 145.2 | 30.92 | 135.1 | 29.69 |
|        | 5                 | 4.1      | 154.7                     | 34.43 | 154.7 | 33.37 | 154.3 | 32.57 | 150.4 | 30.84 | 145.2 | 29.59 | 135.1 | 28.67 |
|        | 7                 | 6        | 154.7                     | 32.32 | 154.7 | 31.29 | 154.3 | 30.49 | 150.4 | 29.37 | 145.2 | 28.50 | 135.1 | 27.65 |
|        | 9                 | 7.9      | 154.7                     | 31.30 | 154.7 | 30.28 | 154.3 | 29.41 | 150.4 | 28.54 | 145.2 | 27.70 | 135.1 | 26.87 |
| 120    | 11                | 9.8      | 154.7                     | 30.67 | 154.7 | 29.67 | 154.3 | 28.82 | 150.4 | 27.97 | 145.2 | 27.15 | 135.1 | 26.34 |
|        | 13                | 11.8     | 154.7                     | 29.98 | 154.7 | 29.02 | 154.3 | 28.17 | 150.4 | 27.36 | 145.2 | 26.55 | 135.1 | 25.76 |
|        | 15                | 13.7     | 154.7                     | 29.26 | 154.7 | 28.32 | 154.3 | 27.50 | 150.4 | 26.71 | 145.2 | 25.91 | 135.1 | 25.13 |
|        | -30               | -30.2    | 48.20                     | 39.84 | 48.20 | 40.01 | 47.90 | 40.26 | 47.90 | 40.53 | 47.90 | 40.88 | 46.90 | 41.17 |
|        | -24.8             | -25      | 80.30                     | 40.37 | 80.30 | 40.54 | 79.80 | 40.79 | 79.80 | 41.04 | 79.80 | 41.41 | 78.20 | 41.68 |
|        | -21.8             | -22      | 96.60                     | 40.68 | 96.60 | 40.85 | 95.90 | 41.10 | 95.90 | 41.33 | 95.90 | 41.72 | 94.10 | 41.97 |
|        | -19.8             | -20      | 101.2                     | 40.88 | 101.2 | 41.04 | 100.5 | 41.30 | 100.5 | 41.53 | 100.5 | 41.91 | 98.60 | 42.16 |
|        | -18.8             | -19      | 103.3                     | 40.98 | 103.3 | 41.14 | 102.6 | 41.39 | 102.6 | 41.63 | 102.6 | 42.01 | 100.8 | 42.27 |
|        | -16.7             | -17      | 107.7                     | 41.19 | 107.7 | 41.35 | 107.0 | 41.60 | 107.0 | 41.83 | 107.0 | 42.22 | 104.9 | 41.15 |
|        | -15               | -15.9    | 110.8                     | 41.33 | 110.8 | 41.49 | 110.1 | 41.74 | 110.1 | 41.98 | 110.1 | 41.39 | 108.0 | 40.36 |
|        | -13.7             | -15      | 113.9                     | 41.48 | 113.9 | 41.64 | 113.2 | 41.89 | 113.2 | 42.14 | 113.2 | 40.56 | 111.1 | 39.59 |
|        | -11.8             | -13      | 117.7                     | 41.66 | 117.7 | 41.83 | 116.8 | 42.09 | 116.8 | 40.97 | 116.8 | 39.54 | 115.0 | 38.58 |
|        | -9.8              | -11      | 121.4                     | 41.87 | 121.4 | 42.03 | 120.7 | 40.81 | 120.7 | 39.76 | 120.7 | 38.44 | 119.0 | 37.55 |
|        | -9.5              | -10      | 122.3                     | 41.89 | 122.3 | 41.83 | 121.4 | 40.62 | 121.4 | 39.58 | 121.4 | 38.27 | 119.6 | 37.39 |
|        | -8.5              | -9.1     | 124.5                     | 42.00 | 124.5 | 41.15 | 123.9 | 39.98 | 123.9 | 38.97 | 123.7 | 37.74 | 121.7 | 36.87 |
|        | -7                | -7.6     | 128.1                     | 41.00 | 128.1 | 40.15 | 127.3 | 39.05 | 127.3 | 38.07 | 126.9 | 36.92 | 124.6 | 36.07 |
|        | -5                | -5.6     | 132.9                     | 39.70 | 132.9 | 38.85 | 132.0 | 37.81 | 132.0 | 36.89 | 132.0 | 35.88 | 126.9 | 34.57 |
|        | -3                | -3.7     | 137.6                     | 38.42 | 137.6 | 37.58 | 136.8 | 36.60 | 136.8 | 35.74 | 136.6 | 34.81 | 126.9 | 32.55 |
|        | 0                 | -0.7     | 144.7                     | 36.50 | 144.7 | 35.64 | 143.8 | 34.78 | 141.0 | 33.33 | 136.6 | 31.61 | 126.9 | 30.95 |
|        | 3                 | 2.2      | 151.9                     | 34.56 | 151.8 | 33.69 | 145.9 | 31.88 | 141.0 | 30.61 | 136.6 | 30.11 | 126.9 | 29.52 |
|        | 5                 | 4.1      | 153.5                     | 32.66 | 151.8 | 31.46 | 145.9 | 30.12 | 141.0 | 29.51 | 136.6 | 29.13 | 126.9 | 28.58 |
|        | 7                 | 6        | 153.5                     | 30.47 | 151.8 | 29.54 | 145.9 | 28.96 | 141.0 | 28.41 | 136.6 | 28.14 | 126.9 | 27.63 |
|        | 9                 | 7.9      | 153.5                     | 29.45 | 151.8 | 28.64 | 145.9 | 28.08 | 141.0 | 27.55 | 136.6 | 27.28 | 126.9 | 26.80 |
|        | 11                | 9.8      | 153.5                     | 28.78 | 151.8 | 28.00 | 145.9 | 27.45 | 141.0 | 26.93 | 136.6 | 26.67 | 126.9 | 26.20 |
|        | 13                | 11.8     | 153.5                     | 28.07 | 151.8 | 27.31 | 145.9 | 26.77 | 141.0 | 26.26 | 136.6 | 26.01 | 126.9 | 25.55 |
|        | 15                | 13.7     | 153.5                     | 27.32 | 151.8 | 26.57 | 145.9 | 26.05 | 141.0 | 25.55 | 136.6 | 25.30 | 126.9 | 24.86 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 48.00                     | 40.01 | 48.00 | 40.26 | 47.60 | 40.53 | 47.60 | 40.88 | 47.60 | 41.17 | 46.70 | 41.26 |
|        | -24.8             | -25      | 79.90                     | 40.54 | 79.90 | 40.79 | 79.40 | 41.04 | 79.40 | 41.41 | 79.40 | 41.68 | 77.80 | 41.79 |
|        | -21.8             | -22      | 96.00                     | 40.85 | 96.00 | 41.10 | 95.30 | 41.33 | 95.30 | 41.72 | 95.30 | 41.97 | 93.60 | 42.10 |
|        | -19.8             | -20      | 100.7                     | 41.04 | 100.7 | 41.30 | 100.0 | 41.53 | 100.0 | 41.91 | 100.0 | 42.16 | 98.00 | 42.30 |
|        | -18.8             | -19      | 102.7                     | 41.14 | 102.7 | 41.39 | 102.1 | 41.63 | 102.1 | 42.01 | 102.1 | 42.27 | 100.1 | 41.71 |
|        | -16.7             | -17      | 107.1                     | 41.35 | 107.1 | 41.60 | 106.3 | 41.83 | 106.3 | 42.22 | 106.3 | 41.07 | 104.3 | 40.49 |
|        | -15               | -15.9    | 110.1                     | 41.49 | 110.1 | 41.74 | 109.4 | 41.98 | 109.4 | 41.31 | 109.4 | 40.23 | 108.4 | 39.62 |
|        | -13.7             | -15      | 113.2                     | 41.64 | 113.2 | 41.89 | 112.5 | 42.14 | 112.5 | 40.41 | 112.5 | 39.38 | 112.5 | 38.76 |
|        | -11.8             | -13      | 116.9                     | 41.83 | 116.9 | 42.09 | 116.2 | 40.86 | 116.2 | 39.28 | 116.2 | 38.31 | 114.2 | 37.00 |
|        | -9.8              | -11      | 120.8                     | 42.03 | 120.8 | 40.67 | 120.1 | 39.54 | 120.1 | 38.09 | 120.1 | 37.18 | 114.2 | 35.06 |
|        | -9.5              | -10      | 121.4                     | 41.80 | 121.4 | 40.45 | 120.8 | 39.35 | 120.8 | 37.92 | 120.8 | 37.01 | 114.2 | 34.50 |
|        | -8.5              | -9.1     | 123.9                     | 41.04 | 123.9 | 39.74 | 123.2 | 38.69 | 123.2 | 37.31 | 122.3 | 36.19 | 114.2 | 33.95 |
|        | -7                | -7.6     | 127.5                     | 39.89 | 127.5 | 38.67 | 126.7 | 37.69 | 126.6 | 36.40 | 122.3 | 34.40 | 114.2 | 33.14 |
|        | -5                | -5.6     | 132.1                     | 38.42 | 132.1 | 37.32 | 130.9 | 36.33 | 126.6 | 34.03 | 122.3 | 32.78 | 114.2 | 32.09 |
|        | -3                | -3.7     | 136.8                     | 36.94 | 136.8 | 35.95 | 130.9 | 33.83 | 126.6 | 32.40 | 122.3 | 31.75 | 114.2 | 31.05 |
|        | 0                 | -0.7     | 143.8                     | 34.74 | 139.5 | 32.89 | 130.9 | 31.56 | 126.6 | 30.78 | 122.3 | 30.23 | 114.2 | 29.48 |
|        | 3                 | 2.2      | 147.6                     | 31.81 | 139.5 | 30.24 | 130.9 | 29.74 | 126.6 | 29.17 | 122.3 | 28.70 | 114.2 | 27.92 |
|        | 5                 | 4.1      | 147.6                     | 29.47 | 139.5 | 28.94 | 130.9 | 28.54 | 126.6 | 28.08 | 122.3 | 27.67 | 114.2 | 26.86 |
|        | 7                 | 6        | 147.6                     | 28.06 | 139.5 | 27.63 | 130.9 | 27.34 | 126.6 | 27.00 | 122.3 | 26.66 | 114.2 | 25.83 |
|        | 9                 | 7.9      | 147.6                     | 27.09 | 139.5 | 26.68 | 130.9 | 26.39 | 126.6 | 26.07 | 122.3 | 25.73 | 114.2 | 24.93 |
|        | 11                | 9.8      | 147.6                     | 26.36 | 139.5 | 25.96 | 130.9 | 25.66 | 126.6 | 25.35 | 122.3 | 25.02 | 114.2 | 24.25 |
|        | 13                | 11.8     | 147.6                     | 25.57 | 139.5 | 25.19 | 130.9 | 24.91 | 126.6 | 24.60 | 122.3 | 24.28 | 114.2 | 23.53 |
|        | 15                | 13.7     | 147.6                     | 24.73 | 139.5 | 24.36 | 130.9 | 24.09 | 126.6 | 23.79 | 122.3 | 23.49 | 114.2 | 22.76 |
| 100    | -30               | -30.2    | 47.60                     | 43.78 | 47.60 | 43.69 | 47.40 | 38.44 | 47.40 | 43.36 | 47.40 | 42.60 | 46.50 | 43.18 |
|        | -24.8             | -25      | 79.50                     | 43.33 | 79.50 | 43.22 | 79.10 | 40.54 | 79.10 | 42.91 | 79.10 | 42.80 | 77.40 | 42.73 |
|        | -21.8             | -22      | 95.50                     | 43.08 | 95.50 | 42.95 | 94.90 | 41.74 | 94.90 | 42.66 | 94.90 | 42.91 | 93.20 | 42.48 |
|        | -19.8             | -20      | 100.2                     | 42.90 | 100.2 | 42.78 | 99.50 | 42.48 | 99.50 | 42.47 | 99.50 | 42.49 | 97.70 | 42.30 |
|        | -18.8             | -19      | 102.3                     | 42.81 | 101.7 | 42.70 | 101.7 | 42.57 | 101.7 | 42.38 | 101.7 | 42.27 | 99.70 | 41.59 |
|        | -16.7             | -17      | 105.9                     | 42.63 | 105.9 | 42.50 | 105.9 | 42.77 | 105.4 | 42.22 | 105.4 | 40.82 | 103.4 | 40.13 |
|        | -15               | -15.9    | 109.4                     | 42.49 | 109.4 | 42.37 | 109.0 | 42.45 | 108.8 | 41.16 | 108.8 | 39.78 | 104.3 | 38.22 |
|        | -13.7             | -15      | 112.7                     | 42.36 | 112.7 | 42.25 | 112.1 | 42.14 | 112.1 | 40.11 | 112.1 | 38.75 | 104.3 | 36.09 |
|        | -11.8             | -13      | 116.3                     | 42.21 | 115.7 | 42.09 | 115.7 | 40.73 | 115.7 | 38.79 | 112.1 | 36.28 | 104.3 | 34.83 |
|        | -9.8              | -11      | 120.2                     | 42.03 | 120.2 | 40.52 | 119.7 | 39.26 | 115.9 | 36.21 | 112.1 | 34.24 | 104.3 | 33.51 |
|        | -9.5              | -10      | 120.8                     | 41.78 | 120.8 | 40.27 | 119.7 | 38.82 | 115.9 | 35.82 | 112.1 | 34.05 | 104.3 | 33.31 |
|        | -8.5              | -9.1     | 123.3                     | 40.97 | 123.3 | 39.50 | 119.7 | 37.38 | 115.9 | 34.63 | 112.1 | 33.39 | 104.3 | 32.65 |
|        | -7                | -7.6     | 128.8                     | 39.72 | 127.3 | 38.01 | 119.7 | 35.29 | 115.9 | 33.65 | 112.1 | 32.43 | 104.3 | 31.66 |
|        | -5                | -5.6     | 134.6                     | 38.15 | 127.3 | 35.18 | 119.7 | 33.95 | 115.9 | 32.37 | 112.1 | 31.18 | 104.3 | 30.40 |
|        | -3                | -3.7     | 135.1                     | 35.70 | 127.3 | 33.50 | 119.7 | 32.61 | 115.9 | 31.10 | 112.1 | 29.93 | 104.3 | 29.13 |
|        | 0                 | -0.7     | 135.1                     | 32.44 | 127.3 | 31.34 | 119.7 | 30.58 | 115.9 | 29.19 | 112.1 | 28.04 | 104.3 | 27.22 |
|        | 3                 | 2.2      | 135.1                     | 30.18 | 127.3 | 29.19 | 119.7 | 28.56 | 115.9 | 27.29 | 112.1 | 26.18 | 104.3 | 25.30 |
|        | 5                 | 4.1      | 135.1                     | 28.67 | 127.3 | 27.75 | 119.7 | 27.21 | 115.9 | 26.01 | 112.1 | 24.92 | 104.3 | 24.03 |
|        | 7                 | 6        | 135.1                     | 27.17 | 127.3 | 26.31 | 119.7 | 25.85 | 115.9 | 24.73 | 112.1 | 23.68 | 104.3 | 22.76 |
|        | 9                 | 7.9      | 135.1                     | 25.95 | 127.3 | 25.15 | 119.7 | 24.71 | 115.9 | 23.63 | 112.1 | 22.62 | 104.3 | 21.75 |
|        | 11                | 9.8      | 135.1                     | 24.97 | 127.3 | 24.18 | 119.7 | 23.76 | 115.9 | 22.73 | 112.1 | 21.74 | 104.3 | 20.91 |
|        | 13                | 11.8     | 135.1                     | 23.92 | 127.3 | 23.16 | 119.7 | 22.75 | 115.9 | 21.77 | 112.1 | 20.83 | 104.3 | 20.04 |
|        | 15                | 13.7     | 135.1                     | 22.80 | 127.3 | 22.09 | 119.7 | 21.69 | 115.9 | 20.76 | 112.1 | 19.85 | 104.3 | 19.10 |
| 90     | -30               | -30.2    | 47.60                     | 38.93 | 47.60 | 39.29 | 47.30 | 39.56 | 47.30 | 39.68 | 47.30 | 39.96 | 46.30 | 44.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 79.30                     | 39.45 | 79.30 | 39.83 | 78.80 | 40.09 | 78.80 | 40.22 | 78.80 | 40.47 | 77.20 | 40.85 |
|        | -21.8             | -22      | 95.10                     | 39.74 | 95.10 | 40.13 | 94.50 | 40.40 | 94.50 | 40.52 | 94.50 | 40.78 | 92.80 | 39.00 |
|        | -19.8             | -20      | 99.80                     | 39.96 | 99.80 | 40.32 | 99.10 | 40.60 | 99.10 | 40.72 | 99.10 | 39.51 | 95.40 | 37.03 |
|        | -18.8             | -19      | 102.3                     | 40.06 | 101.7 | 40.43 | 101.3 | 40.69 | 101.3 | 40.07 | 101.3 | 38.88 | 95.40 | 35.73 |
|        | -16.7             | -17      | 105.9                     | 40.27 | 105.9 | 40.64 | 105.5 | 39.35 | 105.5 | 38.71 | 102.8 | 36.63 | 95.40 | 34.06 |
|        | -15               | -15.9    | 109.4                     | 40.41 | 109.4 | 39.65 | 108.6 | 38.40 | 106.2 | 36.92 | 102.8 | 35.23 | 95.40 | 33.19 |
|        | -13.7             | -15      | 112.7                     | 40.56 | 112.7 | 38.65 | 109.5 | 36.71 | 106.2 | 34.98 | 102.8 | 33.88 | 95.40 | 32.33 |
|        | -11.8             | -13      | 116.3                     | 39.21 | 115.7 | 37.40 | 109.5 | 34.43 | 106.2 | 33.76 | 102.8 | 32.76 | 95.40 | 31.23 |
|        | -9.8              | -11      | 120.2                     | 37.79 | 116.3 | 34.91 | 109.5 | 33.20 | 106.2 | 32.54 | 102.8 | 31.58 | 95.40 | 30.09 |
|        | -9.5              | -10      | 120.8                     | 37.57 | 116.3 | 34.54 | 109.5 | 33.02 | 106.2 | 32.36 | 102.8 | 31.41 | 95.40 | 29.92 |
|        | -8.5              | -9.1     | 123.3                     | 36.87 | 116.3 | 33.50 | 109.5 | 32.43 | 106.2 | 31.76 | 102.8 | 30.82 | 95.40 | 29.34 |
|        | -7                | -7.6     | 123.7                     | 34.36 | 116.3 | 32.51 | 109.5 | 31.53 | 106.2 | 30.86 | 102.8 | 29.94 | 95.40 | 28.48 |
|        | -5                | -5.6     | 123.7                     | 32.67 | 116.3 | 31.32 | 109.5 | 30.38 | 106.2 | 29.68 | 102.8 | 28.80 | 95.40 | 27.38 |
|        | -3                | -3.7     | 123.7                     | 31.38 | 116.3 | 30.12 | 109.5 | 29.23 | 106.2 | 28.51 | 102.8 | 27.66 | 95.40 | 26.26 |
|        | 0                 | -0.7     | 123.7                     | 29.42 | 116.3 | 28.31 | 109.5 | 27.50 | 106.2 | 26.76 | 102.8 | 25.97 | 95.40 | 24.60 |
|        | 3                 | 2.2      | 123.7                     | 27.48 | 116.3 | 26.51 | 109.5 | 25.77 | 106.2 | 25.00 | 102.8 | 24.26 | 95.40 | 22.95 |
|        | 5                 | 4.1      | 123.7                     | 26.18 | 116.3 | 25.31 | 109.5 | 24.62 | 106.2 | 23.84 | 102.8 | 23.12 | 95.40 | 21.84 |
|        | 7                 | 6        | 123.7                     | 24.87 | 116.3 | 24.11 | 109.5 | 23.46 | 106.2 | 22.66 | 102.8 | 21.99 | 95.40 | 20.74 |
|        | 9                 | 7.9      | 123.7                     | 23.65 | 116.3 | 22.93 | 109.5 | 22.32 | 106.2 | 21.55 | 102.8 | 20.90 | 95.40 | 19.71 |
|        | 11                | 9.8      | 123.7                     | 22.43 | 116.3 | 21.74 | 109.5 | 21.16 | 106.2 | 20.44 | 102.8 | 19.83 | 95.40 | 18.70 |
|        | 13                | 11.8     | 123.7                     | 21.21 | 116.3 | 20.56 | 109.5 | 20.01 | 106.2 | 19.32 | 102.8 | 18.75 | 95.40 | 17.67 |
|        | 15                | 13.7     | 123.7                     | 19.99 | 116.3 | 19.37 | 109.5 | 18.85 | 106.2 | 18.20 | 102.8 | 17.66 | 95.40 | 16.67 |
| 80     | -30               | -30.2    | 47.30                     | 34.33 | 47.30 | 34.72 | 47.00 | 35.01 | 47.00 | 34.68 | 47.00 | 39.13 | 46.10 | 37.45 |
|        | -24.8             | -25      | 78.90                     | 34.88 | 78.90 | 35.27 | 78.30 | 35.54 | 78.30 | 35.66 | 78.30 | 36.30 | 76.80 | 34.74 |
|        | -21.8             | -22      | 94.20                     | 35.20 | 94.20 | 35.58 | 94.20 | 35.85 | 94.00 | 36.15 | 91.60 | 33.73 | 85.30 | 31.49 |
|        | -19.8             | -20      | 98.70                     | 35.41 | 98.70 | 35.79 | 98.00 | 35.92 | 95.00 | 33.75 | 91.60 | 31.87 | 85.30 | 30.49 |
|        | -18.8             | -19      | 100.9                     | 35.52 | 100.9 | 36.15 | 98.00 | 34.60 | 95.00 | 32.75 | 91.60 | 31.37 | 85.30 | 30.02 |
|        | -16.7             | -17      | 103.3                     | 36.11 | 103.3 | 34.94 | 98.00 | 32.63 | 95.00 | 31.62 | 91.60 | 30.29 | 85.30 | 28.99 |
|        | -15               | -15.9    | 105.6                     | 35.21 | 104.3 | 33.99 | 98.00 | 31.80 | 95.00 | 30.80 | 91.60 | 29.53 | 85.30 | 28.24 |
|        | -13.7             | -15      | 107.9                     | 34.33 | 104.3 | 32.72 | 98.00 | 30.98 | 95.00 | 29.99 | 91.60 | 28.77 | 85.30 | 27.51 |
|        | -11.8             | -13      | 110.7                     | 33.08 | 104.3 | 31.10 | 98.00 | 29.94 | 95.00 | 28.98 | 91.60 | 27.80 | 85.30 | 26.59 |
|        | -9.8              | -11      | 110.7                     | 31.08 | 104.3 | 29.65 | 98.00 | 28.87 | 95.00 | 27.90 | 91.60 | 26.78 | 85.30 | 25.61 |
|        | -9.5              | -10      | 110.7                     | 30.71 | 104.3 | 29.31 | 98.00 | 28.70 | 95.00 | 27.75 | 91.60 | 26.63 | 85.30 | 25.47 |
|        | -8.5              | -9.1     | 110.7                     | 29.90 | 104.3 | 28.72 | 98.00 | 28.16 | 95.00 | 27.21 | 91.60 | 26.13 | 85.30 | 24.99 |
|        | -7                | -7.6     | 110.7                     | 28.81 | 104.3 | 27.91 | 98.00 | 27.34 | 95.00 | 26.40 | 91.60 | 25.38 | 85.30 | 24.26 |
|        | -5                | -5.6     | 110.7                     | 27.72 | 104.3 | 26.87 | 98.00 | 26.30 | 95.00 | 25.38 | 91.60 | 24.39 | 85.30 | 23.33 |
|        | -3                | -3.7     | 110.7                     | 26.64 | 104.3 | 25.82 | 98.00 | 25.25 | 95.00 | 24.34 | 91.60 | 23.42 | 85.30 | 22.38 |
|        | 0                 | -0.7     | 110.7                     | 25.01 | 104.3 | 24.26 | 98.00 | 23.68 | 95.00 | 22.79 | 91.60 | 21.95 | 85.30 | 20.98 |
|        | 3                 | 2.2      | 110.7                     | 23.39 | 104.3 | 22.70 | 98.00 | 22.10 | 95.00 | 21.24 | 91.60 | 20.50 | 85.30 | 19.59 |
|        | 5                 | 4.1      | 110.7                     | 22.31 | 104.3 | 21.65 | 98.00 | 21.06 | 95.00 | 20.20 | 91.60 | 19.53 | 85.30 | 18.64 |
|        | 7                 | 6        | 110.7                     | 21.22 | 104.3 | 20.60 | 98.00 | 20.00 | 95.00 | 19.17 | 91.60 | 18.54 | 85.30 | 17.70 |
|        | 9                 | 7.9      | 110.7                     | 19.93 | 104.3 | 19.35 | 98.00 | 18.79 | 95.00 | 18.00 | 91.60 | 17.41 | 85.30 | 16.63 |
|        | 11                | 9.8      | 110.7                     | 18.50 | 104.3 | 17.96 | 98.00 | 17.44 | 95.00 | 16.70 | 91.60 | 16.16 | 85.30 | 15.43 |
|        | 13                | 11.8     | 110.7                     | 17.26 | 104.3 | 16.77 | 98.00 | 16.28 | 95.00 | 15.59 | 91.60 | 15.09 | 85.30 | 14.40 |
|        | 15                | 13.7     | 110.7                     | 16.26 | 104.3 | 15.78 | 98.00 | 15.32 | 95.00 | 14.68 | 91.60 | 14.20 | 85.30 | 13.56 |
| 70     | -30               | -30.2    | 47.30                     | 34.20 | 47.30 | 34.34 | 47.00 | 34.60 | 47.00 | 38.58 | 47.00 | 36.70 | 45.50 | 35.01 |
|        | -24.8             | -25      | 78.90                     | 34.76 | 78.90 | 34.88 | 78.30 | 35.14 | 78.30 | 35.51 | 77.30 | 33.40 | 72.90 | 30.98 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 88.50                     | 35.07 | 88.50 | 35.19 | 83.40 | 33.64 | 80.60 | 32.04 | 78.10 | 30.53 | 72.90 | 29.06 |
|        | -19.8             | -20      | 93.70                     | 34.83 | 88.70 | 33.60 | 83.40 | 32.46 | 80.60 | 30.91 | 78.10 | 29.48 | 72.90 | 28.06 |
|        | -18.8             | -19      | 93.90                     | 34.04 | 88.70 | 33.00 | 83.40 | 31.88 | 80.60 | 30.36 | 78.10 | 28.96 | 72.90 | 27.56 |
|        | -16.7             | -17      | 93.90                     | 32.33 | 88.70 | 31.72 | 83.40 | 30.65 | 80.60 | 29.19 | 78.10 | 27.87 | 72.90 | 26.50 |
|        | -15               | -15.9    | 93.90                     | 31.43 | 88.70 | 30.82 | 83.40 | 29.77 | 80.60 | 28.35 | 78.10 | 27.09 | 72.90 | 25.76 |
|        | -13.7             | -15      | 93.90                     | 30.53 | 88.70 | 29.92 | 83.40 | 28.91 | 80.60 | 27.53 | 78.10 | 26.32 | 72.90 | 25.01 |
|        | -11.8             | -13      | 93.90                     | 29.39 | 88.70 | 28.77 | 83.40 | 27.80 | 80.60 | 26.48 | 78.10 | 25.34 | 72.90 | 24.06 |
|        | -9.8              | -11      | 93.90                     | 28.22 | 88.70 | 27.57 | 83.40 | 26.65 | 80.60 | 25.39 | 78.10 | 24.31 | 72.90 | 23.07 |
|        | -9.5              | -10      | 93.90                     | 28.03 | 88.70 | 27.39 | 83.40 | 26.47 | 80.60 | 25.22 | 78.10 | 24.16 | 72.90 | 22.92 |
|        | -8.5              | -9.1     | 93.90                     | 27.44 | 88.70 | 26.80 | 83.40 | 25.90 | 80.60 | 24.68 | 78.10 | 23.64 | 72.90 | 22.43 |
|        | -7                | -7.6     | 93.90                     | 26.56 | 88.70 | 25.90 | 83.40 | 25.03 | 80.60 | 23.86 | 78.10 | 22.88 | 72.90 | 21.68 |
|        | -5                | -5.6     | 93.90                     | 25.41 | 88.70 | 24.74 | 83.40 | 23.91 | 80.60 | 22.79 | 78.10 | 21.88 | 72.90 | 20.73 |
|        | -3                | -3.7     | 93.90                     | 24.26 | 88.70 | 23.58 | 83.40 | 22.79 | 80.60 | 21.72 | 78.10 | 20.88 | 72.90 | 19.77 |
|        | 0                 | -0.7     | 93.90                     | 22.53 | 88.70 | 21.84 | 83.40 | 21.11 | 80.60 | 20.13 | 78.10 | 19.38 | 72.90 | 18.33 |
|        | 3                 | 2.2      | 93.90                     | 20.81 | 88.70 | 20.10 | 83.40 | 19.42 | 80.60 | 18.52 | 78.10 | 17.90 | 72.90 | 16.88 |
|        | 5                 | 4.1      | 93.90                     | 19.67 | 88.70 | 18.94 | 83.40 | 18.31 | 80.60 | 17.48 | 78.10 | 16.90 | 72.90 | 15.92 |
|        | 7                 | 6        | 93.90                     | 18.52 | 88.70 | 17.77 | 83.40 | 17.18 | 80.60 | 16.41 | 78.10 | 15.91 | 72.90 | 14.96 |
|        | 9                 | 7.9      | 93.90                     | 16.73 | 88.70 | 16.06 | 83.40 | 15.51 | 80.60 | 14.81 | 78.10 | 14.37 | 72.90 | 13.51 |
|        | 11                | 9.8      | 93.90                     | 15.58 | 88.70 | 14.94 | 83.40 | 14.45 | 80.60 | 13.79 | 78.10 | 13.38 | 72.90 | 12.57 |
|        | 13                | 11.8     | 93.90                     | 14.58 | 88.70 | 13.98 | 83.40 | 13.52 | 80.60 | 12.90 | 78.10 | 12.52 | 72.90 | 11.77 |
|        | 15                | 13.7     | 93.90                     | 13.75 | 88.70 | 13.18 | 83.40 | 12.75 | 80.60 | 12.17 | 78.10 | 11.80 | 72.90 | 11.09 |
| 60     | -30               | -30.2    | 45.60                     | 33.93 | 45.60 | 34.19 | 45.20 | 38.47 | 43.70 | 36.39 | 42.20 | 34.47 | 39.50 | 32.78 |
|        | -24.8             | -25      | 75.80                     | 34.49 | 75.80 | 34.75 | 71.50 | 33.35 | 69.10 | 31.60 | 66.70 | 29.96 | 62.50 | 28.44 |
|        | -21.8             | -22      | 80.60                     | 34.53 | 76.20 | 33.28 | 71.50 | 31.54 | 69.10 | 29.91 | 66.70 | 28.39 | 62.50 | 26.90 |
|        | -19.8             | -20      | 80.60                     | 33.24 | 76.20 | 32.01 | 71.50 | 30.34 | 69.10 | 28.78 | 66.70 | 27.32 | 62.50 | 25.88 |
|        | -18.8             | -19      | 80.60                     | 32.59 | 76.20 | 31.37 | 71.50 | 29.75 | 69.10 | 28.23 | 66.70 | 26.79 | 62.50 | 25.37 |
|        | -16.7             | -17      | 80.60                     | 31.24 | 76.20 | 30.04 | 71.50 | 28.48 | 69.10 | 27.05 | 66.70 | 25.69 | 62.50 | 24.31 |
|        | -15               | -15.9    | 80.60                     | 30.29 | 76.20 | 29.09 | 71.50 | 27.59 | 69.10 | 26.22 | 66.70 | 24.90 | 62.50 | 23.55 |
|        | -13.7             | -15      | 80.60                     | 29.34 | 76.20 | 28.15 | 71.50 | 26.70 | 69.10 | 25.38 | 66.70 | 24.12 | 62.50 | 22.79 |
|        | -11.8             | -13      | 80.60                     | 28.12 | 76.20 | 26.95 | 71.50 | 25.57 | 69.10 | 24.32 | 66.70 | 23.13 | 62.50 | 21.84 |
|        | -9.8              | -11      | 80.60                     | 26.85 | 76.20 | 25.69 | 71.50 | 24.39 | 69.10 | 23.21 | 66.70 | 22.08 | 62.50 | 20.83 |
|        | -9.5              | -10      | 80.60                     | 26.66 | 76.20 | 25.51 | 71.50 | 24.22 | 69.10 | 23.04 | 66.70 | 21.92 | 62.50 | 20.68 |
|        | -8.5              | -9.1     | 80.60                     | 26.03 | 76.20 | 24.89 | 71.50 | 23.63 | 69.10 | 22.50 | 66.70 | 21.41 | 62.50 | 20.18 |
|        | -7                | -7.6     | 80.60                     | 25.09 | 76.20 | 23.96 | 71.50 | 22.74 | 69.10 | 21.67 | 66.70 | 20.63 | 62.50 | 19.43 |
|        | -5                | -5.6     | 80.60                     | 23.85 | 76.20 | 22.73 | 71.50 | 21.60 | 69.10 | 20.59 | 66.70 | 19.62 | 62.50 | 18.46 |
|        | -3                | -3.7     | 80.60                     | 22.63 | 76.20 | 21.51 | 71.50 | 20.45 | 69.10 | 19.51 | 66.70 | 18.60 | 62.50 | 17.48 |
|        | 0                 | -0.7     | 80.60                     | 20.77 | 76.20 | 19.68 | 71.50 | 18.72 | 69.10 | 17.90 | 66.70 | 17.09 | 62.50 | 16.01 |
|        | 3                 | 2.2      | 80.60                     | 18.93 | 76.20 | 17.86 | 71.50 | 17.00 | 69.10 | 16.28 | 66.70 | 15.57 | 62.50 | 14.55 |
|        | 5                 | 4.1      | 80.60                     | 17.70 | 76.20 | 16.64 | 71.50 | 15.86 | 69.10 | 15.20 | 66.70 | 14.57 | 62.50 | 13.57 |
|        | 7                 | 6        | 80.60                     | 16.46 | 76.20 | 15.42 | 71.50 | 14.71 | 69.10 | 14.12 | 66.70 | 13.55 | 62.50 | 12.60 |
|        | 9                 | 7.9      | 80.60                     | 14.69 | 76.20 | 13.76 | 71.50 | 13.11 | 69.10 | 12.62 | 66.70 | 12.09 | 62.50 | 11.24 |
|        | 11                | 9.8      | 80.60                     | 13.71 | 76.20 | 12.85 | 71.50 | 12.24 | 69.10 | 11.78 | 66.70 | 11.29 | 62.50 | 10.50 |
|        | 13                | 11.8     | 80.60                     | 12.85 | 76.20 | 12.02 | 71.50 | 11.48 | 69.10 | 11.03 | 66.70 | 10.58 | 62.50 | 9.84  |
|        | 15                | 13.7     | 80.60                     | 12.13 | 76.20 | 11.37 | 71.50 | 10.85 | 69.10 | 10.41 | 66.70 | 10.00 | 62.50 | 9.30  |
| 50     | -30               | -30.2    | 42.50                     | 29.38 | 40.10 | 33.19 | 37.60 | 31.42 | 36.50 | 29.77 | 35.20 | 28.15 | 32.90 | 26.76 |
|        | -24.8             | -25      | 67.20                     | 28.41 | 63.40 | 28.76 | 59.60 | 27.24 | 57.70 | 25.82 | 55.70 | 24.47 | 51.90 | 23.21 |
|        | -21.8             | -22      | 67.20                     | 28.71 | 63.40 | 27.20 | 59.60 | 25.76 | 57.70 | 24.42 | 55.70 | 23.17 | 51.90 | 21.96 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 67.20                     | 27.61 | 63.40 | 26.14 | 59.60 | 24.78 | 57.70 | 23.49 | 55.70 | 22.31 | 51.90 | 21.12 |
|        | -18.8             | -19      | 67.20                     | 27.06 | 63.40 | 25.61 | 59.60 | 24.31 | 57.70 | 23.03 | 55.70 | 21.88 | 51.90 | 20.73 |
|        | -16.7             | -17      | 67.20                     | 25.92 | 63.40 | 24.53 | 59.60 | 23.27 | 57.70 | 22.06 | 55.70 | 20.97 | 51.90 | 19.85 |
|        | -15               | -15.9    | 67.20                     | 25.10 | 63.40 | 23.73 | 59.60 | 22.54 | 57.70 | 21.37 | 55.70 | 20.32 | 51.90 | 19.22 |
|        | -13.7             | -15      | 67.20                     | 24.28 | 63.40 | 22.95 | 59.60 | 21.81 | 57.70 | 20.68 | 55.70 | 19.68 | 51.90 | 18.61 |
|        | -11.8             | -13      | 67.20                     | 23.25 | 63.40 | 21.98 | 59.60 | 20.89 | 57.70 | 19.81 | 55.70 | 18.87 | 51.90 | 17.84 |
|        | -9.8              | -11      | 67.20                     | 22.17 | 63.40 | 20.94 | 59.60 | 19.92 | 57.70 | 18.89 | 55.70 | 18.02 | 51.90 | 17.01 |
|        | -9.5              | -10      | 67.20                     | 22.01 | 63.40 | 20.79 | 59.60 | 19.77 | 57.70 | 18.76 | 55.70 | 17.89 | 51.90 | 16.89 |
|        | -8.5              | -9.1     | 67.20                     | 21.48 | 63.40 | 20.27 | 59.60 | 19.30 | 57.70 | 18.31 | 55.70 | 17.47 | 51.90 | 16.48 |
|        | -7                | -7.6     | 67.20                     | 20.66 | 63.40 | 19.50 | 59.60 | 18.58 | 57.70 | 17.61 | 55.70 | 16.83 | 51.90 | 15.87 |
|        | -5                | -5.6     | 67.20                     | 19.61 | 63.40 | 18.50 | 59.60 | 17.64 | 57.70 | 16.74 | 55.70 | 16.01 | 51.90 | 15.08 |
|        | -3                | -3.7     | 67.20                     | 18.57 | 63.40 | 17.49 | 59.60 | 16.69 | 57.70 | 15.84 | 55.70 | 15.18 | 51.90 | 14.27 |
|        | 0                 | -0.7     | 67.20                     | 16.99 | 63.40 | 15.97 | 59.60 | 15.29 | 57.70 | 14.51 | 55.70 | 13.94 | 51.90 | 13.09 |
|        | 3                 | 2.2      | 67.20                     | 15.40 | 63.40 | 14.47 | 59.60 | 13.88 | 57.70 | 13.17 | 55.70 | 12.70 | 51.90 | 11.90 |
|        | 5                 | 4.1      | 67.20                     | 14.35 | 63.40 | 13.46 | 59.60 | 12.95 | 57.70 | 12.28 | 55.70 | 11.88 | 51.90 | 11.10 |
|        | 7                 | 6        | 67.20                     | 13.30 | 63.40 | 12.46 | 59.60 | 12.01 | 57.70 | 11.39 | 55.70 | 11.04 | 51.90 | 10.31 |
|        | 9                 | 7.9      | 67.20                     | 12.02 | 63.40 | 11.24 | 59.60 | 10.85 | 57.70 | 10.30 | 55.70 | 9.97  | 51.90 | 9.32  |
|        | 11                | 9.8      | 67.20                     | 11.24 | 63.40 | 10.52 | 59.60 | 10.14 | 57.70 | 9.63  | 55.70 | 9.34  | 51.90 | 8.70  |
|        | 13                | 11.8     | 67.20                     | 10.56 | 63.40 | 9.88  | 59.60 | 9.52  | 57.70 | 9.05  | 55.70 | 8.76  | 51.90 | 8.18  |
|        | 15                | 13.7     | 67.20                     | 9.99  | 63.40 | 9.36  | 59.60 | 9.01  | 57.70 | 8.55  | 55.70 | 8.30  | 51.90 | 7.73  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM400LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 50.00                     | 43.54 | 50.00 | 43.68 | 49.60 | 43.82 | 49.60 | 44.00 | 49.60 | 44.22 | 48.60 | 44.46 |
|        | -24.8             | -25      | 83.20                     | 43.90 | 83.20 | 44.04 | 82.60 | 44.16 | 82.60 | 44.36 | 82.60 | 44.54 | 81.20 | 44.80 |
|        | -21.8             | -22      | 101.2                     | 44.10 | 101.2 | 44.24 | 100.6 | 44.38 | 100.6 | 44.56 | 100.6 | 44.72 | 98.60 | 45.02 |
|        | -19.8             | -20      | 106.8                     | 44.24 | 106.8 | 44.38 | 106.0 | 44.50 | 106.0 | 44.68 | 106.0 | 44.86 | 104.0 | 45.14 |
|        | -18.8             | -19      | 109.0                     | 44.28 | 109.0 | 44.44 | 108.4 | 44.56 | 108.4 | 44.74 | 108.4 | 44.92 | 106.2 | 45.20 |
|        | -16.7             | -17      | 113.8                     | 44.44 | 113.8 | 44.58 | 113.2 | 44.70 | 113.2 | 44.88 | 113.2 | 45.04 | 111.0 | 45.34 |
|        | -15               | -15.9    | 117.2                     | 44.52 | 117.2 | 44.66 | 116.6 | 44.78 | 116.6 | 44.96 | 116.6 | 45.14 | 114.4 | 44.46 |
|        | -13.7             | -15      | 120.8                     | 44.64 | 120.8 | 44.76 | 120.2 | 44.88 | 120.2 | 45.06 | 120.2 | 45.26 | 117.8 | 43.60 |
|        | -11.8             | -13      | 124.8                     | 44.74 | 124.8 | 44.88 | 123.8 | 45.02 | 123.8 | 45.20 | 123.8 | 44.08 | 122.0 | 42.50 |
|        | -9.8              | -11      | 128.8                     | 44.88 | 128.8 | 45.02 | 128.2 | 45.14 | 128.2 | 43.98 | 128.2 | 42.88 | 126.4 | 41.36 |
|        | -9.5              | -10      | 129.6                     | 44.90 | 129.6 | 45.02 | 128.8 | 44.94 | 128.8 | 43.80 | 128.8 | 42.70 | 127.0 | 41.20 |
|        | -8.5              | -9.1     | 132.2                     | 44.96 | 132.2 | 45.10 | 131.2 | 44.32 | 131.2 | 43.18 | 130.6 | 42.10 | 129.4 | 40.62 |
|        | -7                | -7.6     | 136.0                     | 45.06 | 136.0 | 44.20 | 135.0 | 43.40 | 135.0 | 42.26 | 135.0 | 41.20 | 132.8 | 39.76 |
|        | -5                | -5.6     | 140.8                     | 43.96 | 140.8 | 43.06 | 140.0 | 42.24 | 140.0 | 41.12 | 140.0 | 40.04 | 137.2 | 38.68 |
|        | -3                | -3.7     | 145.8                     | 42.86 | 145.8 | 41.90 | 145.0 | 41.04 | 145.0 | 39.94 | 145.0 | 38.88 | 141.6 | 37.58 |
|        | 0                 | -0.7     | 153.2                     | 41.24 | 153.2 | 40.22 | 152.4 | 39.26 | 152.4 | 38.20 | 152.4 | 37.16 | 142.2 | 34.44 |
|        | 3                 | 2.2      | 160.8                     | 39.60 | 160.8 | 38.50 | 159.8 | 37.52 | 158.4 | 36.14 | 152.8 | 33.90 | 142.2 | 32.56 |
|        | 5                 | 4.1      | 162.8                     | 37.82 | 162.8 | 36.66 | 162.4 | 35.80 | 158.4 | 33.94 | 152.8 | 32.52 | 142.2 | 31.52 |
|        | 7                 | 6        | 162.8                     | 35.68 | 162.8 | 34.54 | 162.4 | 33.66 | 158.4 | 32.40 | 152.8 | 31.44 | 142.2 | 30.50 |
|        | 9                 | 7.9      | 162.8                     | 34.66 | 162.8 | 33.54 | 162.4 | 32.58 | 158.4 | 31.62 | 152.8 | 30.68 | 142.2 | 29.76 |
| 120    | 11                | 9.8      | 162.8                     | 34.12 | 162.8 | 33.02 | 162.4 | 32.08 | 158.4 | 31.12 | 152.8 | 30.20 | 142.2 | 29.30 |
|        | 13                | 11.8     | 162.8                     | 33.52 | 162.8 | 32.46 | 162.4 | 31.50 | 158.4 | 30.60 | 152.8 | 29.68 | 142.2 | 28.80 |
|        | 15                | 13.7     | 162.8                     | 32.90 | 162.8 | 31.84 | 162.4 | 30.90 | 158.4 | 30.02 | 152.8 | 29.12 | 142.2 | 28.24 |
|        | -30               | -30.2    | 49.60                     | 43.68 | 49.60 | 43.82 | 49.20 | 44.00 | 49.20 | 44.22 | 49.20 | 44.46 | 48.20 | 44.70 |
|        | -24.8             | -25      | 82.60                     | 44.04 | 82.60 | 44.16 | 82.00 | 44.36 | 82.00 | 44.54 | 82.00 | 44.80 | 80.40 | 45.02 |
|        | -21.8             | -22      | 100.6                     | 44.24 | 100.6 | 44.38 | 99.80 | 44.56 | 99.80 | 44.72 | 99.80 | 45.02 | 98.00 | 45.20 |
|        | -19.8             | -20      | 106.0                     | 44.38 | 106.0 | 44.50 | 105.4 | 44.68 | 105.4 | 44.86 | 105.4 | 45.14 | 103.2 | 45.32 |
|        | -18.8             | -19      | 108.4                     | 44.44 | 108.4 | 44.56 | 107.6 | 44.74 | 107.6 | 44.92 | 107.6 | 45.20 | 105.6 | 45.40 |
|        | -16.7             | -17      | 113.2                     | 44.58 | 113.2 | 44.70 | 112.4 | 44.88 | 112.4 | 45.04 | 112.4 | 45.34 | 110.2 | 44.26 |
|        | -15               | -15.9    | 116.6                     | 44.66 | 116.6 | 44.78 | 115.8 | 44.96 | 115.8 | 45.14 | 115.8 | 44.50 | 113.6 | 43.46 |
|        | -13.7             | -15      | 119.8                     | 44.76 | 119.8 | 44.88 | 119.2 | 45.06 | 119.2 | 45.26 | 119.2 | 43.66 | 117.0 | 42.68 |
|        | -11.8             | -13      | 123.8                     | 44.88 | 123.8 | 45.02 | 123.0 | 45.20 | 123.0 | 44.08 | 123.0 | 42.64 | 121.2 | 41.66 |
|        | -9.8              | -11      | 127.8                     | 45.02 | 127.8 | 45.14 | 127.0 | 43.92 | 127.0 | 42.86 | 127.0 | 41.54 | 125.6 | 40.62 |
|        | -9.5              | -10      | 128.8                     | 45.02 | 128.8 | 44.94 | 127.8 | 43.74 | 127.8 | 42.68 | 127.8 | 41.36 | 126.2 | 40.46 |
|        | -8.5              | -9.1     | 131.0                     | 45.10 | 131.0 | 44.26 | 130.4 | 43.10 | 130.4 | 42.08 | 130.4 | 40.82 | 128.6 | 39.92 |
|        | -7                | -7.6     | 134.8                     | 44.12 | 134.8 | 43.26 | 134.0 | 42.16 | 134.0 | 41.16 | 134.0 | 40.00 | 131.6 | 39.12 |
|        | -5                | -5.6     | 140.0                     | 42.84 | 140.0 | 41.98 | 138.8 | 40.92 | 138.8 | 39.98 | 138.8 | 38.96 | 133.6 | 37.36 |
|        | -3                | -3.7     | 144.8                     | 41.58 | 144.8 | 40.72 | 144.0 | 39.72 | 144.0 | 38.82 | 143.8 | 37.90 | 133.6 | 35.24 |
|        | 0                 | -0.7     | 152.2                     | 39.70 | 152.2 | 38.80 | 151.2 | 37.90 | 148.4 | 36.38 | 143.8 | 34.54 | 133.6 | 33.82 |
|        | 3                 | 2.2      | 159.8                     | 37.80 | 159.8 | 36.88 | 153.6 | 34.92 | 148.4 | 33.54 | 143.8 | 33.02 | 133.6 | 32.38 |
|        | 5                 | 4.1      | 161.6                     | 35.90 | 159.8 | 34.58 | 153.6 | 33.10 | 148.4 | 32.44 | 143.8 | 32.04 | 133.6 | 31.44 |
|        | 7                 | 6        | 161.6                     | 33.62 | 159.8 | 32.58 | 153.6 | 31.94 | 148.4 | 31.34 | 143.8 | 31.04 | 133.6 | 30.48 |
|        | 9                 | 7.9      | 161.6                     | 32.62 | 159.8 | 31.72 | 153.6 | 31.10 | 148.4 | 30.50 | 143.8 | 30.20 | 133.6 | 29.68 |
|        | 11                | 9.8      | 161.6                     | 32.02 | 159.8 | 31.14 | 153.6 | 30.52 | 148.4 | 29.94 | 143.8 | 29.66 | 133.6 | 29.14 |
|        | 13                | 11.8     | 161.6                     | 31.36 | 159.8 | 30.52 | 153.6 | 29.92 | 148.4 | 29.34 | 143.8 | 29.06 | 133.6 | 28.54 |
|        | 15                | 13.7     | 161.6                     | 30.68 | 159.8 | 29.84 | 153.6 | 29.26 | 148.4 | 28.70 | 143.8 | 28.42 | 133.6 | 27.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 49.40                     | 43.82 | 49.40 | 44.00 | 49.00 | 44.22 | 49.00 | 44.46 | 49.00 | 44.70 | 48.00 | 44.74 |
|        | -24.8             | -25      | 82.20                     | 44.16 | 82.20 | 44.36 | 81.60 | 44.54 | 81.60 | 44.80 | 81.60 | 45.02 | 80.00 | 45.10 |
|        | -21.8             | -22      | 99.80                     | 44.38 | 99.80 | 44.56 | 99.20 | 44.72 | 99.20 | 45.02 | 99.20 | 45.20 | 97.40 | 45.30 |
|        | -19.8             | -20      | 105.4                     | 44.50 | 105.4 | 44.68 | 104.8 | 44.86 | 104.8 | 45.14 | 104.8 | 45.32 | 102.6 | 45.42 |
|        | -18.8             | -19      | 107.6                     | 44.56 | 107.6 | 44.74 | 107.0 | 44.92 | 107.0 | 45.20 | 107.0 | 45.40 | 105.0 | 44.82 |
|        | -16.7             | -17      | 112.6                     | 44.70 | 112.6 | 44.88 | 111.6 | 45.04 | 111.6 | 45.34 | 111.6 | 44.18 | 109.6 | 43.58 |
|        | -15               | -15.9    | 115.8                     | 44.78 | 115.8 | 44.96 | 115.0 | 45.14 | 115.0 | 44.42 | 115.0 | 43.32 | 114.0 | 42.68 |
|        | -13.7             | -15      | 119.2                     | 44.88 | 119.2 | 45.06 | 118.4 | 45.26 | 118.4 | 43.50 | 118.4 | 42.46 | 118.4 | 41.80 |
|        | -11.8             | -13      | 123.0                     | 45.02 | 123.0 | 45.20 | 122.4 | 43.96 | 122.4 | 42.36 | 122.4 | 41.36 | 120.2 | 39.94 |
|        | -9.8              | -11      | 127.2                     | 45.14 | 127.2 | 43.76 | 126.4 | 42.62 | 126.4 | 41.14 | 126.4 | 40.22 | 120.2 | 37.82 |
|        | -9.5              | -10      | 127.8                     | 44.90 | 127.8 | 43.54 | 127.2 | 42.42 | 127.2 | 40.98 | 127.2 | 40.04 | 120.2 | 37.34 |
|        | -8.5              | -9.1     | 130.4                     | 44.14 | 130.4 | 42.82 | 129.6 | 41.76 | 129.6 | 40.36 | 128.8 | 39.24 | 120.2 | 36.78 |
|        | -7                | -7.6     | 134.2                     | 42.98 | 134.2 | 41.74 | 133.4 | 40.74 | 133.2 | 39.40 | 128.8 | 37.30 | 120.2 | 35.96 |
|        | -5                | -5.6     | 139.0                     | 41.50 | 139.0 | 40.38 | 137.8 | 39.36 | 133.2 | 36.92 | 128.8 | 35.62 | 120.2 | 34.88 |
|        | -3                | -3.7     | 144.0                     | 40.02 | 144.0 | 39.00 | 137.8 | 36.78 | 133.2 | 35.26 | 128.8 | 34.58 | 120.2 | 33.82 |
|        | 0                 | -0.7     | 151.2                     | 37.80 | 146.8 | 35.84 | 137.8 | 34.42 | 133.2 | 33.60 | 128.8 | 33.02 | 120.2 | 32.20 |
|        | 3                 | 2.2      | 155.4                     | 34.84 | 146.8 | 33.10 | 137.8 | 32.58 | 133.2 | 31.98 | 128.8 | 31.48 | 120.2 | 30.62 |
|        | 5                 | 4.1      | 155.4                     | 32.36 | 146.8 | 31.80 | 137.8 | 31.38 | 133.2 | 30.86 | 128.8 | 30.44 | 120.2 | 29.54 |
|        | 7                 | 6        | 155.4                     | 30.94 | 146.8 | 30.48 | 137.8 | 30.16 | 133.2 | 29.78 | 128.8 | 29.40 | 120.2 | 28.48 |
|        | 9                 | 7.9      | 155.4                     | 30.00 | 146.8 | 29.54 | 137.8 | 29.22 | 133.2 | 28.86 | 128.8 | 28.48 | 120.2 | 27.60 |
|        | 11                | 9.8      | 155.4                     | 29.30 | 146.8 | 28.86 | 137.8 | 28.54 | 133.2 | 28.18 | 128.8 | 27.82 | 120.2 | 26.96 |
|        | 13                | 11.8     | 155.4                     | 28.56 | 146.8 | 28.14 | 137.8 | 27.82 | 133.2 | 27.48 | 128.8 | 27.12 | 120.2 | 26.28 |
|        | 15                | 13.7     | 155.4                     | 27.76 | 146.8 | 27.34 | 137.8 | 27.04 | 133.2 | 26.72 | 128.8 | 26.36 | 120.2 | 25.54 |
| 100    | -30               | -30.2    | 49.00                     | 49.40 | 49.00 | 49.08 | 48.80 | 41.90 | 48.80 | 48.14 | 48.80 | 46.80 | 47.80 | 47.58 |
|        | -24.8             | -25      | 81.80                     | 48.30 | 81.80 | 47.96 | 81.40 | 44.16 | 81.40 | 47.04 | 81.40 | 46.68 | 79.60 | 46.48 |
|        | -21.8             | -22      | 99.40                     | 47.68 | 99.40 | 47.30 | 98.80 | 45.46 | 98.80 | 46.42 | 98.80 | 46.60 | 97.00 | 45.86 |
|        | -19.8             | -20      | 105.0                     | 47.24 | 105.0 | 46.88 | 104.2 | 46.26 | 104.2 | 45.98 | 104.2 | 45.80 | 102.2 | 45.42 |
|        | -18.8             | -19      | 107.2                     | 47.02 | 106.6 | 46.68 | 106.6 | 46.32 | 106.6 | 45.76 | 106.6 | 45.40 | 104.6 | 44.70 |
|        | -16.7             | -17      | 111.2                     | 46.60 | 111.2 | 46.22 | 111.2 | 46.44 | 110.6 | 45.34 | 110.6 | 43.90 | 108.6 | 43.18 |
|        | -15               | -15.9    | 115.0                     | 46.26 | 115.0 | 45.90 | 114.6 | 45.84 | 114.4 | 44.26 | 114.4 | 42.82 | 109.8 | 41.22 |
|        | -13.7             | -15      | 118.6                     | 45.94 | 118.6 | 45.60 | 118.0 | 45.26 | 118.0 | 43.18 | 118.0 | 41.76 | 109.8 | 38.92 |
|        | -11.8             | -13      | 122.4                     | 45.56 | 121.8 | 45.20 | 121.8 | 43.82 | 121.8 | 41.82 | 118.0 | 39.16 | 109.8 | 37.60 |
|        | -9.8              | -11      | 126.6                     | 45.14 | 126.6 | 43.60 | 126.0 | 42.32 | 122.0 | 39.10 | 118.0 | 37.02 | 109.8 | 36.24 |
|        | -9.5              | -10      | 127.2                     | 44.88 | 127.2 | 43.34 | 126.0 | 41.86 | 122.0 | 38.70 | 118.0 | 36.82 | 109.8 | 36.04 |
|        | -8.5              | -9.1     | 129.8                     | 44.06 | 129.8 | 42.56 | 126.0 | 40.32 | 122.0 | 37.44 | 118.0 | 36.14 | 109.8 | 35.34 |
|        | -7                | -7.6     | 135.6                     | 42.80 | 134.0 | 41.04 | 126.0 | 38.14 | 122.0 | 36.42 | 118.0 | 35.14 | 109.8 | 34.32 |
|        | -5                | -5.6     | 141.6                     | 41.20 | 134.0 | 38.08 | 126.0 | 36.78 | 122.0 | 35.12 | 118.0 | 33.86 | 109.8 | 33.02 |
|        | -3                | -3.7     | 142.2                     | 38.68 | 134.0 | 36.34 | 126.0 | 35.42 | 122.0 | 33.82 | 118.0 | 32.56 | 109.8 | 31.70 |
|        | 0                 | -0.7     | 142.2                     | 35.30 | 134.0 | 34.14 | 126.0 | 33.34 | 122.0 | 31.86 | 118.0 | 30.62 | 109.8 | 29.72 |
|        | 3                 | 2.2      | 142.2                     | 33.00 | 134.0 | 31.96 | 126.0 | 31.28 | 122.0 | 29.90 | 118.0 | 28.70 | 109.8 | 27.74 |
|        | 5                 | 4.1      | 142.2                     | 31.48 | 134.0 | 30.48 | 126.0 | 29.90 | 122.0 | 28.60 | 118.0 | 27.40 | 109.8 | 26.42 |
|        | 7                 | 6        | 142.2                     | 29.96 | 134.0 | 29.02 | 126.0 | 28.52 | 122.0 | 27.28 | 118.0 | 26.12 | 109.8 | 25.10 |
|        | 9                 | 7.9      | 142.2                     | 28.90 | 134.0 | 28.02 | 126.0 | 27.52 | 122.0 | 26.32 | 118.0 | 25.20 | 109.8 | 24.22 |
|        | 11                | 9.8      | 142.2                     | 28.12 | 134.0 | 27.22 | 126.0 | 26.76 | 122.0 | 25.58 | 118.0 | 24.48 | 109.8 | 23.54 |
|        | 13                | 11.8     | 142.2                     | 27.26 | 134.0 | 26.40 | 126.0 | 25.94 | 122.0 | 24.82 | 118.0 | 23.74 | 109.8 | 22.84 |
|        | 15                | 13.7     | 142.2                     | 26.34 | 134.0 | 25.52 | 126.0 | 25.06 | 122.0 | 24.00 | 118.0 | 22.94 | 109.8 | 22.08 |
| 90     | -30               | -30.2    | 49.00                     | 43.00 | 49.00 | 43.24 | 48.60 | 43.44 | 48.60 | 43.52 | 48.60 | 43.76 | 47.60 | 47.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 81.60                     | 43.32 | 81.60 | 43.60 | 81.00 | 43.80 | 81.00 | 43.88 | 81.00 | 44.08 | 79.40 | 44.36 |
|        | -21.8             | -22      | 99.00                     | 43.50 | 99.00 | 43.80 | 98.40 | 44.00 | 98.40 | 44.08 | 98.40 | 44.28 | 96.60 | 42.38 |
|        | -19.8             | -20      | 104.6                     | 43.66 | 104.6 | 43.92 | 103.8 | 44.14 | 103.8 | 44.22 | 103.8 | 42.94 | 100.4 | 40.46 |
|        | -18.8             | -19      | 107.2                     | 43.72 | 106.6 | 44.00 | 106.2 | 44.18 | 106.2 | 43.52 | 106.2 | 42.26 | 100.4 | 39.00 |
|        | -16.7             | -17      | 111.2                     | 43.86 | 111.2 | 44.12 | 110.8 | 42.76 | 110.8 | 42.08 | 108.2 | 39.90 | 100.4 | 37.08 |
|        | -15               | -15.9    | 115.0                     | 43.94 | 115.0 | 43.08 | 114.2 | 41.76 | 111.8 | 40.20 | 108.2 | 38.38 | 100.4 | 36.16 |
|        | -13.7             | -15      | 118.6                     | 44.04 | 118.6 | 42.02 | 115.2 | 39.92 | 111.8 | 38.08 | 108.2 | 36.90 | 100.4 | 35.24 |
|        | -11.8             | -13      | 122.4                     | 42.62 | 121.8 | 40.70 | 115.2 | 37.46 | 111.8 | 36.78 | 108.2 | 35.70 | 100.4 | 34.06 |
|        | -9.8              | -11      | 126.6                     | 41.12 | 122.4 | 38.00 | 115.2 | 36.20 | 111.8 | 35.48 | 108.2 | 34.46 | 100.4 | 32.84 |
|        | -9.5              | -10      | 127.2                     | 40.88 | 122.4 | 37.60 | 115.2 | 36.00 | 111.8 | 35.28 | 108.2 | 34.28 | 100.4 | 32.66 |
|        | -8.5              | -9.1     | 129.8                     | 40.14 | 122.4 | 36.52 | 115.2 | 35.38 | 111.8 | 34.66 | 108.2 | 33.64 | 100.4 | 32.04 |
|        | -7                | -7.6     | 130.2                     | 37.44 | 122.4 | 35.48 | 115.2 | 34.42 | 111.8 | 33.70 | 108.2 | 32.70 | 100.4 | 31.12 |
|        | -5                | -5.6     | 130.2                     | 35.66 | 122.4 | 34.22 | 115.2 | 33.20 | 111.8 | 32.44 | 108.2 | 31.50 | 100.4 | 29.96 |
|        | -3                | -3.7     | 130.2                     | 34.30 | 122.4 | 32.94 | 115.2 | 31.98 | 111.8 | 31.20 | 108.2 | 30.28 | 100.4 | 28.76 |
|        | 0                 | -0.7     | 130.2                     | 32.24 | 122.4 | 31.02 | 115.2 | 30.16 | 111.8 | 29.34 | 108.2 | 28.48 | 100.4 | 27.00 |
|        | 3                 | 2.2      | 130.2                     | 30.18 | 122.4 | 29.14 | 115.2 | 28.32 | 111.8 | 27.48 | 108.2 | 26.66 | 100.4 | 25.22 |
|        | 5                 | 4.1      | 130.2                     | 28.80 | 122.4 | 27.86 | 115.2 | 27.10 | 111.8 | 26.24 | 108.2 | 25.46 | 100.4 | 24.04 |
|        | 7                 | 6        | 130.2                     | 27.44 | 122.4 | 26.60 | 115.2 | 25.88 | 111.8 | 25.00 | 108.2 | 24.26 | 100.4 | 22.88 |
|        | 9                 | 7.9      | 130.2                     | 26.14 | 122.4 | 25.34 | 115.2 | 24.66 | 111.8 | 23.80 | 108.2 | 23.10 | 100.4 | 21.78 |
|        | 11                | 9.8      | 130.2                     | 24.84 | 122.4 | 24.08 | 115.2 | 23.44 | 111.8 | 22.64 | 108.2 | 21.96 | 100.4 | 20.72 |
|        | 13                | 11.8     | 130.2                     | 23.56 | 122.4 | 22.84 | 115.2 | 22.22 | 111.8 | 21.46 | 108.2 | 20.82 | 100.4 | 19.62 |
|        | 15                | 13.7     | 130.2                     | 22.26 | 122.4 | 21.58 | 115.2 | 20.98 | 111.8 | 20.26 | 108.2 | 19.66 | 100.4 | 18.56 |
| 80     | -30               | -30.2    | 48.60                     | 37.98 | 48.60 | 38.28 | 48.40 | 38.52 | 48.40 | 38.24 | 48.40 | 42.44 | 47.40 | 40.66 |
|        | -24.8             | -25      | 81.20                     | 38.36 | 81.20 | 38.66 | 80.60 | 38.86 | 80.60 | 38.94 | 80.60 | 39.42 | 79.00 | 37.76 |
|        | -21.8             | -22      | 98.00                     | 38.58 | 98.00 | 38.86 | 98.00 | 39.06 | 98.00 | 39.34 | 96.40 | 37.08 | 89.80 | 34.26 |
|        | -19.8             | -20      | 103.4                     | 38.72 | 103.4 | 39.00 | 103.2 | 39.20 | 100.0 | 36.84 | 96.40 | 34.66 | 89.80 | 33.18 |
|        | -18.8             | -19      | 105.8                     | 38.80 | 105.8 | 39.26 | 103.2 | 37.72 | 100.0 | 35.60 | 96.40 | 34.14 | 89.80 | 32.68 |
|        | -16.7             | -17      | 108.8                     | 39.22 | 108.8 | 37.98 | 103.2 | 35.48 | 100.0 | 34.40 | 96.40 | 32.98 | 89.80 | 31.58 |
|        | -15               | -15.9    | 111.2                     | 38.26 | 109.8 | 36.96 | 103.2 | 34.60 | 100.0 | 33.52 | 96.40 | 32.16 | 89.80 | 30.78 |
|        | -13.7             | -15      | 113.6                     | 37.32 | 109.8 | 35.60 | 103.2 | 33.72 | 100.0 | 32.66 | 96.40 | 31.36 | 89.80 | 30.00 |
|        | -11.8             | -13      | 116.6                     | 36.12 | 109.8 | 33.96 | 103.2 | 32.62 | 100.0 | 31.60 | 96.40 | 30.32 | 89.80 | 29.02 |
|        | -9.8              | -11      | 116.6                     | 33.96 | 109.8 | 32.38 | 103.2 | 31.48 | 100.0 | 30.44 | 96.40 | 29.24 | 89.80 | 27.98 |
|        | -9.5              | -10      | 116.6                     | 33.54 | 109.8 | 32.02 | 103.2 | 31.30 | 100.0 | 30.28 | 96.40 | 29.08 | 89.80 | 27.82 |
|        | -8.5              | -9.1     | 116.6                     | 32.66 | 109.8 | 31.34 | 103.2 | 30.72 | 100.0 | 29.70 | 96.40 | 28.54 | 89.80 | 27.32 |
|        | -7                | -7.6     | 116.6                     | 31.44 | 109.8 | 30.46 | 103.2 | 29.86 | 100.0 | 28.84 | 96.40 | 27.74 | 89.80 | 26.52 |
|        | -5                | -5.6     | 116.6                     | 30.28 | 109.8 | 29.38 | 103.2 | 28.74 | 100.0 | 27.76 | 96.40 | 26.68 | 89.80 | 25.54 |
|        | -3                | -3.7     | 116.6                     | 29.14 | 109.8 | 28.26 | 103.2 | 27.64 | 100.0 | 26.64 | 96.40 | 25.64 | 89.80 | 24.52 |
|        | 0                 | -0.7     | 116.6                     | 27.42 | 109.8 | 26.60 | 103.2 | 25.96 | 100.0 | 25.00 | 96.40 | 24.08 | 89.80 | 23.02 |
|        | 3                 | 2.2      | 116.6                     | 25.70 | 109.8 | 24.94 | 103.2 | 24.28 | 100.0 | 23.34 | 96.40 | 22.54 | 89.80 | 21.54 |
|        | 5                 | 4.1      | 116.6                     | 24.56 | 109.8 | 23.84 | 103.2 | 23.18 | 100.0 | 22.24 | 96.40 | 21.50 | 89.80 | 20.52 |
|        | 7                 | 6        | 116.6                     | 23.40 | 109.8 | 22.72 | 103.2 | 22.06 | 100.0 | 21.14 | 96.40 | 20.44 | 89.80 | 19.52 |
|        | 9                 | 7.9      | 116.6                     | 21.98 | 109.8 | 21.34 | 103.2 | 20.72 | 100.0 | 19.86 | 96.40 | 19.20 | 89.80 | 18.34 |
|        | 11                | 9.8      | 116.6                     | 20.40 | 109.8 | 19.82 | 103.2 | 19.24 | 100.0 | 18.42 | 96.40 | 17.82 | 89.80 | 17.02 |
|        | 13                | 11.8     | 116.6                     | 19.04 | 109.8 | 18.50 | 103.2 | 17.96 | 100.0 | 17.20 | 96.40 | 16.64 | 89.80 | 15.88 |
|        | 15                | 13.7     | 116.6                     | 17.94 | 109.8 | 17.40 | 103.2 | 16.90 | 100.0 | 16.20 | 96.40 | 15.66 | 89.80 | 14.94 |
| 70     | -30               | -30.2    | 48.60                     | 37.62 | 48.60 | 37.76 | 48.40 | 37.94 | 48.40 | 41.84 | 48.40 | 39.84 | 47.40 | 38.02 |
|        | -24.8             | -25      | 81.20                     | 38.00 | 81.20 | 38.10 | 80.60 | 38.30 | 80.60 | 38.56 | 80.60 | 36.76 | 76.80 | 34.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 93.20                     | 38.22 | 93.20 | 38.30 | 87.80 | 36.54 | 84.80 | 34.82 | 82.20 | 33.20 | 76.80 | 31.64 |
|        | -19.8             | -20      | 98.80                     | 37.46 | 93.40 | 36.48 | 87.80 | 35.28 | 84.80 | 33.62 | 82.20 | 32.10 | 76.80 | 30.56 |
|        | -18.8             | -19      | 98.80                     | 36.46 | 93.40 | 35.86 | 87.80 | 34.66 | 84.80 | 33.02 | 82.20 | 31.52 | 76.80 | 30.02 |
|        | -16.7             | -17      | 98.80                     | 35.14 | 93.40 | 34.48 | 87.80 | 33.34 | 84.80 | 31.78 | 82.20 | 30.36 | 76.80 | 28.88 |
|        | -15               | -15.9    | 98.80                     | 34.18 | 93.40 | 33.52 | 87.80 | 32.40 | 84.80 | 30.88 | 82.20 | 29.52 | 76.80 | 28.08 |
|        | -13.7             | -15      | 98.80                     | 33.22 | 93.40 | 32.56 | 87.80 | 31.48 | 84.80 | 30.00 | 82.20 | 28.70 | 76.80 | 27.28 |
|        | -11.8             | -13      | 98.80                     | 32.00 | 93.40 | 31.34 | 87.80 | 30.30 | 84.80 | 28.88 | 82.20 | 27.64 | 76.80 | 26.26 |
|        | -9.8              | -11      | 98.80                     | 30.76 | 93.40 | 30.04 | 87.80 | 29.06 | 84.80 | 27.70 | 82.20 | 26.54 | 76.80 | 25.20 |
|        | -9.5              | -10      | 98.80                     | 30.56 | 93.40 | 29.86 | 87.80 | 28.86 | 84.80 | 27.52 | 82.20 | 26.38 | 76.80 | 25.04 |
|        | -8.5              | -9.1     | 98.80                     | 29.92 | 93.40 | 29.22 | 87.80 | 28.26 | 84.80 | 26.94 | 82.20 | 25.82 | 76.80 | 24.52 |
|        | -7                | -7.6     | 98.80                     | 28.98 | 93.40 | 28.28 | 87.80 | 27.34 | 84.80 | 26.06 | 82.20 | 25.00 | 76.80 | 23.70 |
|        | -5                | -5.6     | 98.80                     | 27.76 | 93.40 | 27.02 | 87.80 | 26.12 | 84.80 | 24.92 | 82.20 | 23.94 | 76.80 | 22.70 |
|        | -3                | -3.7     | 98.80                     | 26.54 | 93.40 | 25.80 | 87.80 | 24.94 | 84.80 | 23.78 | 82.20 | 22.86 | 76.80 | 21.66 |
|        | 0                 | -0.7     | 98.80                     | 24.70 | 93.40 | 23.94 | 87.80 | 23.14 | 84.80 | 22.08 | 82.20 | 21.26 | 76.80 | 20.12 |
|        | 3                 | 2.2      | 98.80                     | 22.86 | 93.40 | 22.08 | 87.80 | 21.34 | 84.80 | 20.36 | 82.20 | 19.68 | 76.80 | 18.56 |
|        | 5                 | 4.1      | 98.80                     | 21.66 | 93.40 | 20.84 | 87.80 | 20.16 | 84.80 | 19.24 | 82.20 | 18.60 | 76.80 | 17.54 |
|        | 7                 | 6        | 98.80                     | 20.42 | 93.40 | 19.60 | 87.80 | 18.94 | 84.80 | 18.10 | 82.20 | 17.56 | 76.80 | 16.50 |
|        | 9                 | 7.9      | 98.80                     | 18.46 | 93.40 | 17.72 | 87.80 | 17.10 | 84.80 | 16.34 | 82.20 | 15.84 | 76.80 | 14.90 |
|        | 11                | 9.8      | 98.80                     | 17.18 | 93.40 | 16.48 | 87.80 | 15.94 | 84.80 | 15.22 | 82.20 | 14.76 | 76.80 | 13.86 |
|        | 13                | 11.8     | 98.80                     | 16.08 | 93.40 | 15.42 | 87.80 | 14.90 | 84.80 | 14.24 | 82.20 | 13.80 | 76.80 | 12.98 |
|        | 15                | 13.7     | 98.80                     | 15.16 | 93.40 | 14.54 | 87.80 | 14.06 | 84.80 | 13.42 | 82.20 | 13.00 | 76.80 | 12.24 |
| 60     | -30               | -30.2    | 48.00                     | 37.36 | 48.00 | 37.54 | 47.60 | 41.80 | 46.00 | 39.58 | 44.40 | 37.52 | 41.60 | 35.70 |
|        | -24.8             | -25      | 79.80                     | 37.74 | 79.80 | 37.92 | 75.20 | 36.28 | 72.80 | 34.40 | 70.20 | 32.64 | 65.80 | 31.00 |
|        | -21.8             | -22      | 84.80                     | 37.62 | 80.20 | 36.20 | 75.20 | 34.34 | 72.80 | 32.58 | 70.20 | 30.94 | 65.80 | 29.34 |
|        | -19.8             | -20      | 84.80                     | 36.16 | 80.20 | 34.84 | 75.20 | 33.04 | 72.80 | 31.36 | 70.20 | 29.78 | 65.80 | 28.24 |
|        | -18.8             | -19      | 84.80                     | 35.46 | 80.20 | 34.16 | 75.20 | 32.42 | 72.80 | 30.78 | 70.20 | 29.22 | 65.80 | 27.68 |
|        | -16.7             | -17      | 84.80                     | 34.02 | 80.20 | 32.72 | 75.20 | 31.04 | 72.80 | 29.50 | 70.20 | 28.04 | 65.80 | 26.54 |
|        | -15               | -15.9    | 84.80                     | 33.00 | 80.20 | 31.70 | 75.20 | 30.08 | 72.80 | 28.60 | 70.20 | 27.18 | 65.80 | 25.72 |
|        | -13.7             | -15      | 84.80                     | 31.98 | 80.20 | 30.70 | 75.20 | 29.12 | 72.80 | 27.70 | 70.20 | 26.34 | 65.80 | 24.90 |
|        | -11.8             | -13      | 84.80                     | 30.68 | 80.20 | 29.40 | 75.20 | 27.90 | 72.80 | 26.56 | 70.20 | 25.26 | 65.80 | 23.86 |
|        | -9.8              | -11      | 84.80                     | 29.30 | 80.20 | 28.04 | 75.20 | 26.64 | 72.80 | 25.36 | 70.20 | 24.14 | 65.80 | 22.78 |
|        | -9.5              | -10      | 84.80                     | 29.10 | 80.20 | 27.84 | 75.20 | 26.46 | 72.80 | 25.18 | 70.20 | 23.96 | 65.80 | 22.62 |
|        | -8.5              | -9.1     | 84.80                     | 28.42 | 80.20 | 27.18 | 75.20 | 25.82 | 72.80 | 24.60 | 70.20 | 23.42 | 65.80 | 22.08 |
|        | -7                | -7.6     | 84.80                     | 27.42 | 80.20 | 26.18 | 75.20 | 24.86 | 72.80 | 23.70 | 70.20 | 22.58 | 65.80 | 21.26 |
|        | -5                | -5.6     | 84.80                     | 26.08 | 80.20 | 24.86 | 75.20 | 23.64 | 72.80 | 22.54 | 70.20 | 21.48 | 65.80 | 20.22 |
|        | -3                | -3.7     | 84.80                     | 24.78 | 80.20 | 23.56 | 75.20 | 22.40 | 72.80 | 21.38 | 70.20 | 20.38 | 65.80 | 19.16 |
|        | 0                 | -0.7     | 84.80                     | 22.78 | 80.20 | 21.58 | 75.20 | 20.54 | 72.80 | 19.64 | 70.20 | 18.76 | 65.80 | 17.58 |
|        | 3                 | 2.2      | 84.80                     | 20.80 | 80.20 | 19.62 | 75.20 | 18.68 | 72.80 | 17.90 | 70.20 | 17.12 | 65.80 | 16.00 |
|        | 5                 | 4.1      | 84.80                     | 19.48 | 80.20 | 18.32 | 75.20 | 17.46 | 72.80 | 16.74 | 70.20 | 16.04 | 65.80 | 14.94 |
|        | 7                 | 6        | 84.80                     | 18.16 | 80.20 | 17.00 | 75.20 | 16.22 | 72.80 | 15.58 | 70.20 | 14.94 | 65.80 | 13.90 |
|        | 9                 | 7.9      | 84.80                     | 16.20 | 80.20 | 15.18 | 75.20 | 14.46 | 72.80 | 13.92 | 70.20 | 13.34 | 65.80 | 12.40 |
|        | 11                | 9.8      | 84.80                     | 15.12 | 80.20 | 14.16 | 75.20 | 13.50 | 72.80 | 13.00 | 70.20 | 12.46 | 65.80 | 11.58 |
|        | 13                | 11.8     | 84.80                     | 14.16 | 80.20 | 13.26 | 75.20 | 12.66 | 72.80 | 12.18 | 70.20 | 11.66 | 65.80 | 10.84 |
|        | 15                | 13.7     | 84.80                     | 13.38 | 80.20 | 12.54 | 75.20 | 11.96 | 72.80 | 11.48 | 70.20 | 11.04 | 65.80 | 10.26 |
| 50     | -30               | -30.2    | 44.80                     | 32.28 | 42.20 | 36.00 | 39.60 | 34.10 | 38.40 | 32.34 | 37.00 | 30.62 | 34.60 | 29.12 |
|        | -24.8             | -25      | 70.80                     | 30.98 | 66.80 | 31.24 | 62.80 | 29.60 | 60.80 | 28.08 | 58.60 | 26.64 | 54.60 | 25.28 |
|        | -21.8             | -22      | 70.80                     | 31.18 | 66.80 | 29.56 | 62.80 | 28.02 | 60.80 | 26.58 | 58.60 | 25.24 | 54.60 | 23.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 70.80                     | 30.00 | 66.80 | 28.42 | 62.80 | 26.96 | 60.80 | 25.58 | 58.60 | 24.30 | 54.60 | 23.02 |
|        | -18.8             | -19      | 70.80                     | 29.42 | 66.80 | 27.86 | 62.80 | 26.46 | 60.80 | 25.08 | 58.60 | 23.84 | 54.60 | 22.60 |
|        | -16.7             | -17      | 70.80                     | 28.20 | 66.80 | 26.70 | 62.80 | 25.34 | 60.80 | 24.02 | 58.60 | 22.86 | 54.60 | 21.66 |
|        | -15               | -15.9    | 70.80                     | 27.32 | 66.80 | 25.84 | 62.80 | 24.56 | 60.80 | 23.28 | 58.60 | 22.16 | 54.60 | 20.98 |
|        | -13.7             | -15      | 70.80                     | 26.44 | 66.80 | 25.00 | 62.80 | 23.76 | 60.80 | 22.54 | 58.60 | 21.48 | 54.60 | 20.32 |
|        | -11.8             | -13      | 70.80                     | 25.32 | 66.80 | 23.96 | 62.80 | 22.80 | 60.80 | 21.62 | 58.60 | 20.60 | 54.60 | 19.48 |
|        | -9.8              | -11      | 70.80                     | 24.18 | 66.80 | 22.84 | 62.80 | 21.74 | 60.80 | 20.62 | 58.60 | 19.68 | 54.60 | 18.60 |
|        | -9.5              | -10      | 70.80                     | 24.00 | 66.80 | 22.68 | 62.80 | 21.58 | 60.80 | 20.48 | 58.60 | 19.56 | 54.60 | 18.46 |
|        | -8.5              | -9.1     | 70.80                     | 23.44 | 66.80 | 22.12 | 62.80 | 21.08 | 60.80 | 20.00 | 58.60 | 19.10 | 54.60 | 18.02 |
|        | -7                | -7.6     | 70.80                     | 22.54 | 66.80 | 21.30 | 62.80 | 20.30 | 60.80 | 19.26 | 58.60 | 18.40 | 54.60 | 17.36 |
|        | -5                | -5.6     | 70.80                     | 21.42 | 66.80 | 20.22 | 62.80 | 19.30 | 60.80 | 18.32 | 58.60 | 17.52 | 54.60 | 16.50 |
|        | -3                | -3.7     | 70.80                     | 20.32 | 66.80 | 19.14 | 62.80 | 18.28 | 60.80 | 17.34 | 58.60 | 16.62 | 54.60 | 15.64 |
|        | 0                 | -0.7     | 70.80                     | 18.62 | 66.80 | 17.50 | 62.80 | 16.76 | 60.80 | 15.92 | 58.60 | 15.30 | 54.60 | 14.36 |
|        | 3                 | 2.2      | 70.80                     | 16.92 | 66.80 | 15.90 | 62.80 | 15.26 | 60.80 | 14.48 | 58.60 | 13.96 | 54.60 | 13.08 |
|        | 5                 | 4.1      | 70.80                     | 15.80 | 66.80 | 14.82 | 62.80 | 14.26 | 60.80 | 13.52 | 58.60 | 13.08 | 54.60 | 12.22 |
|        | 7                 | 6        | 70.80                     | 14.68 | 66.80 | 13.74 | 62.80 | 13.24 | 60.80 | 12.56 | 58.60 | 12.18 | 54.60 | 11.38 |
|        | 9                 | 7.9      | 70.80                     | 13.26 | 66.80 | 12.40 | 62.80 | 11.96 | 60.80 | 11.36 | 58.60 | 11.00 | 54.60 | 10.28 |
|        | 11                | 9.8      | 70.80                     | 12.40 | 66.80 | 11.60 | 62.80 | 11.18 | 60.80 | 10.62 | 58.60 | 10.30 | 54.60 | 9.60  |
|        | 13                | 11.8     | 70.80                     | 11.64 | 66.80 | 10.90 | 62.80 | 10.50 | 60.80 | 9.98  | 58.60 | 9.66  | 54.60 | 9.02  |
|        | 15                | 13.7     | 70.80                     | 11.02 | 66.80 | 10.32 | 62.80 | 9.94  | 60.80 | 9.42  | 58.60 | 9.16  | 54.60 | 8.52  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM420LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 52.50                     | 46.13 | 52.50 | 46.28 | 52.10 | 46.42 | 52.10 | 46.62 | 52.10 | 46.84 | 51.10 | 47.12 |
|        | -24.8             | -25      | 87.40                     | 46.41 | 87.40 | 46.56 | 86.90 | 46.69 | 86.90 | 46.90 | 86.90 | 47.09 | 85.20 | 47.38 |
|        | -21.8             | -22      | 106.3                     | 46.56 | 106.3 | 46.71 | 105.7 | 46.85 | 105.7 | 47.05 | 105.7 | 47.23 | 103.6 | 47.54 |
|        | -19.8             | -20      | 112.2                     | 46.67 | 112.2 | 46.82 | 111.3 | 46.95 | 111.3 | 47.14 | 111.3 | 47.34 | 109.3 | 47.64 |
|        | -18.8             | -19      | 114.5                     | 46.70 | 114.5 | 46.86 | 113.8 | 46.99 | 113.8 | 47.19 | 113.8 | 47.38 | 111.6 | 47.69 |
|        | -16.7             | -17      | 119.6                     | 46.82 | 119.6 | 46.97 | 118.8 | 47.10 | 118.8 | 47.30 | 118.8 | 47.48 | 116.6 | 47.79 |
|        | -15               | -15.9    | 123.2                     | 46.88 | 123.2 | 47.03 | 122.4 | 47.16 | 122.4 | 47.36 | 122.4 | 47.55 | 120.1 | 46.83 |
|        | -13.7             | -15      | 126.9                     | 46.97 | 126.9 | 47.11 | 126.1 | 47.24 | 126.1 | 47.44 | 126.1 | 47.64 | 123.7 | 45.91 |
|        | -11.8             | -13      | 131.1                     | 47.06 | 131.1 | 47.21 | 130.1 | 47.35 | 130.1 | 47.54 | 130.1 | 46.38 | 128.2 | 44.71 |
|        | -9.8              | -11      | 135.4                     | 47.16 | 135.4 | 47.31 | 134.6 | 47.44 | 134.6 | 46.23 | 134.6 | 45.07 | 132.8 | 43.47 |
|        | -9.5              | -10      | 136.2                     | 47.18 | 136.2 | 47.32 | 135.3 | 47.23 | 135.3 | 46.03 | 135.3 | 44.88 | 133.5 | 43.29 |
|        | -8.5              | -9.1     | 138.9                     | 47.23 | 138.9 | 47.38 | 137.9 | 46.57 | 137.9 | 45.36 | 137.3 | 44.23 | 135.9 | 42.68 |
|        | -7                | -7.6     | 142.8                     | 47.30 | 142.8 | 46.41 | 141.9 | 45.57 | 141.9 | 44.37 | 141.9 | 43.25 | 139.5 | 41.74 |
|        | -5                | -5.6     | 147.9                     | 46.15 | 147.9 | 45.21 | 147.0 | 44.35 | 147.0 | 43.16 | 147.0 | 42.03 | 144.2 | 40.60 |
|        | -3                | -3.7     | 153.2                     | 45.01 | 153.2 | 44.00 | 152.2 | 43.09 | 152.2 | 41.93 | 152.2 | 40.82 | 148.9 | 39.45 |
|        | 0                 | -0.7     | 161.0                     | 43.29 | 161.0 | 42.22 | 160.1 | 41.23 | 160.1 | 40.11 | 160.1 | 39.01 | 149.3 | 36.13 |
|        | 3                 | 2.2      | 168.9                     | 41.58 | 168.9 | 40.41 | 167.9 | 39.38 | 166.3 | 37.92 | 160.4 | 35.55 | 149.3 | 34.17 |
|        | 5                 | 4.1      | 171.0                     | 39.70 | 171.0 | 38.49 | 170.5 | 37.57 | 166.3 | 35.61 | 160.4 | 34.13 | 149.3 | 33.08 |
|        | 7                 | 6        | 171.0                     | 37.45 | 171.0 | 36.25 | 170.5 | 35.32 | 166.3 | 33.99 | 160.4 | 32.98 | 149.3 | 32.00 |
|        | 9                 | 7.9      | 171.0                     | 36.37 | 171.0 | 35.19 | 170.5 | 34.18 | 166.3 | 33.17 | 160.4 | 32.19 | 149.3 | 31.23 |
| 120    | 11                | 9.8      | 171.0                     | 35.80 | 171.0 | 34.65 | 170.5 | 33.65 | 166.3 | 32.65 | 160.4 | 31.69 | 149.3 | 30.74 |
|        | 13                | 11.8     | 171.0                     | 35.18 | 171.0 | 34.05 | 170.5 | 33.06 | 166.3 | 32.10 | 160.4 | 31.14 | 149.3 | 30.21 |
|        | 15                | 13.7     | 171.0                     | 34.52 | 171.0 | 33.41 | 170.5 | 32.43 | 166.3 | 31.50 | 160.4 | 30.55 | 149.3 | 29.63 |
|        | -30               | -30.2    | 52.10                     | 46.28 | 52.10 | 46.42 | 51.80 | 46.62 | 51.80 | 46.84 | 51.80 | 47.12 | 50.70 | 47.35 |
|        | -24.8             | -25      | 86.80                     | 46.56 | 86.80 | 46.69 | 86.30 | 46.90 | 86.30 | 47.09 | 86.30 | 47.38 | 84.50 | 47.60 |
|        | -21.8             | -22      | 105.6                     | 46.71 | 105.6 | 46.85 | 104.9 | 47.05 | 104.9 | 47.23 | 104.9 | 47.54 | 102.9 | 47.74 |
|        | -19.8             | -20      | 111.3                     | 46.82 | 111.3 | 46.95 | 110.6 | 47.14 | 110.6 | 47.34 | 110.6 | 47.64 | 108.5 | 47.84 |
|        | -18.8             | -19      | 113.8                     | 46.86 | 113.8 | 46.99 | 113.0 | 47.19 | 113.0 | 47.38 | 113.0 | 47.69 | 110.9 | 47.90 |
|        | -16.7             | -17      | 118.8                     | 46.97 | 118.8 | 47.10 | 118.0 | 47.30 | 118.0 | 47.48 | 118.0 | 47.79 | 115.8 | 46.67 |
|        | -15               | -15.9    | 122.4                     | 47.03 | 122.4 | 47.16 | 121.6 | 47.36 | 121.6 | 47.55 | 121.6 | 46.87 | 119.3 | 45.79 |
|        | -13.7             | -15      | 125.9                     | 47.11 | 125.9 | 47.24 | 125.2 | 47.44 | 125.2 | 47.64 | 125.2 | 45.98 | 122.8 | 44.94 |
|        | -11.8             | -13      | 130.0                     | 47.21 | 130.0 | 47.35 | 129.2 | 47.54 | 129.2 | 46.38 | 129.2 | 44.85 | 127.3 | 43.83 |
|        | -9.8              | -11      | 134.4                     | 47.31 | 134.4 | 47.44 | 133.5 | 46.17 | 133.5 | 45.05 | 133.5 | 43.66 | 132.0 | 42.69 |
|        | -9.5              | -10      | 135.3                     | 47.32 | 135.3 | 47.23 | 134.4 | 45.97 | 134.4 | 44.86 | 134.4 | 43.47 | 132.6 | 42.52 |
|        | -8.5              | -9.1     | 137.8                     | 47.38 | 137.8 | 46.50 | 136.9 | 45.28 | 136.9 | 44.21 | 136.9 | 42.88 | 135.1 | 41.94 |
|        | -7                | -7.6     | 141.7                     | 46.32 | 141.7 | 45.43 | 140.8 | 44.26 | 140.8 | 43.21 | 140.8 | 41.99 | 138.4 | 41.08 |
|        | -5                | -5.6     | 147.0                     | 44.98 | 147.0 | 44.08 | 145.9 | 42.97 | 145.9 | 41.98 | 145.9 | 40.90 | 140.3 | 39.23 |
|        | -3                | -3.7     | 152.1                     | 43.66 | 152.1 | 42.75 | 151.2 | 41.70 | 151.2 | 40.76 | 151.0 | 39.77 | 140.3 | 36.97 |
|        | 0                 | -0.7     | 159.9                     | 41.68 | 159.9 | 40.73 | 158.8 | 39.79 | 155.8 | 38.19 | 151.0 | 36.26 | 140.3 | 35.48 |
|        | 3                 | 2.2      | 167.8                     | 39.69 | 167.8 | 38.72 | 161.3 | 36.65 | 155.8 | 35.19 | 151.0 | 34.64 | 140.3 | 33.97 |
|        | 5                 | 4.1      | 169.6                     | 37.65 | 167.8 | 36.28 | 161.3 | 34.73 | 155.8 | 34.03 | 151.0 | 33.61 | 140.3 | 32.98 |
|        | 7                 | 6        | 169.6                     | 35.26 | 167.8 | 34.19 | 161.3 | 33.51 | 155.8 | 32.88 | 151.0 | 32.57 | 140.3 | 31.98 |
|        | 9                 | 7.9      | 169.6                     | 34.22 | 167.8 | 33.28 | 161.3 | 32.63 | 155.8 | 32.01 | 151.0 | 31.70 | 140.3 | 31.14 |
|        | 11                | 9.8      | 169.6                     | 33.59 | 167.8 | 32.67 | 161.3 | 32.03 | 155.8 | 31.42 | 151.0 | 31.12 | 140.3 | 30.57 |
|        | 13                | 11.8     | 169.6                     | 32.90 | 167.8 | 32.02 | 161.3 | 31.39 | 155.8 | 30.78 | 151.0 | 30.49 | 140.3 | 29.94 |
|        | 15                | 13.7     | 169.6                     | 32.18 | 167.8 | 31.30 | 161.3 | 30.70 | 155.8 | 30.11 | 151.0 | 29.82 | 140.3 | 29.29 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 51.90                     | 46.42 | 51.90 | 46.62 | 51.50 | 46.84 | 51.50 | 47.12 | 51.50 | 47.35 | 50.50 | 47.43 |
|        | -24.8             | -25      | 86.40                     | 46.69 | 86.40 | 46.90 | 85.70 | 47.09 | 85.70 | 47.38 | 85.70 | 47.60 | 84.10 | 47.70 |
|        | -21.8             | -22      | 104.9                     | 46.85 | 104.9 | 47.05 | 104.2 | 47.23 | 104.2 | 47.54 | 104.2 | 47.74 | 102.3 | 47.85 |
|        | -19.8             | -20      | 110.7                     | 46.95 | 110.7 | 47.14 | 110.1 | 47.34 | 110.1 | 47.64 | 110.1 | 47.84 | 107.8 | 47.94 |
|        | -18.8             | -19      | 113.1                     | 46.99 | 113.1 | 47.19 | 112.4 | 47.38 | 112.4 | 47.69 | 112.4 | 47.90 | 110.3 | 47.29 |
|        | -16.7             | -17      | 118.2                     | 47.10 | 118.2 | 47.30 | 117.3 | 47.48 | 117.3 | 47.79 | 117.3 | 46.57 | 115.1 | 45.94 |
|        | -15               | -15.9    | 121.7                     | 47.16 | 121.7 | 47.36 | 120.9 | 47.55 | 120.9 | 46.79 | 120.9 | 45.63 | 119.8 | 44.96 |
|        | -13.7             | -15      | 125.2                     | 47.24 | 125.2 | 47.44 | 124.5 | 47.64 | 124.5 | 45.81 | 124.5 | 44.70 | 124.5 | 44.01 |
|        | -11.8             | -13      | 129.3                     | 47.35 | 129.3 | 47.54 | 128.6 | 46.25 | 128.6 | 44.56 | 128.6 | 43.51 | 126.2 | 42.00 |
|        | -9.8              | -11      | 133.6                     | 47.44 | 133.6 | 46.00 | 132.8 | 44.81 | 132.8 | 43.24 | 132.8 | 42.27 | 126.2 | 39.74 |
|        | -9.5              | -10      | 134.4                     | 47.19 | 134.4 | 45.76 | 133.6 | 44.59 | 133.6 | 43.06 | 133.6 | 42.08 | 126.2 | 39.22 |
|        | -8.5              | -9.1     | 137.0                     | 46.37 | 137.0 | 44.99 | 136.2 | 43.87 | 136.2 | 42.40 | 135.2 | 41.17 | 126.2 | 38.62 |
|        | -7                | -7.6     | 140.9                     | 45.13 | 140.9 | 43.83 | 140.1 | 42.78 | 139.9 | 41.36 | 135.2 | 39.13 | 126.2 | 37.73 |
|        | -5                | -5.6     | 146.1                     | 43.57 | 146.1 | 42.39 | 144.7 | 41.32 | 139.9 | 38.76 | 135.2 | 37.37 | 126.2 | 36.60 |
|        | -3                | -3.7     | 151.3                     | 42.01 | 151.3 | 40.95 | 144.7 | 38.59 | 139.9 | 36.99 | 135.2 | 36.28 | 126.2 | 35.48 |
|        | 0                 | -0.7     | 158.9                     | 39.68 | 154.1 | 37.59 | 144.7 | 36.11 | 139.9 | 35.26 | 135.2 | 34.65 | 126.2 | 33.79 |
|        | 3                 | 2.2      | 163.1                     | 36.52 | 154.1 | 34.73 | 144.7 | 34.19 | 139.9 | 33.55 | 135.2 | 33.02 | 126.2 | 32.12 |
|        | 5                 | 4.1      | 163.1                     | 33.96 | 154.1 | 33.36 | 144.7 | 32.91 | 139.9 | 32.38 | 135.2 | 31.93 | 126.2 | 31.00 |
|        | 7                 | 6        | 163.1                     | 32.47 | 154.1 | 31.99 | 144.7 | 31.64 | 139.9 | 31.25 | 135.2 | 30.85 | 126.2 | 29.88 |
|        | 9                 | 7.9      | 163.1                     | 31.48 | 154.1 | 30.99 | 144.7 | 30.66 | 139.9 | 30.28 | 135.2 | 29.88 | 126.2 | 28.97 |
|        | 11                | 9.8      | 163.1                     | 30.74 | 154.1 | 30.28 | 144.7 | 29.94 | 139.9 | 29.58 | 135.2 | 29.19 | 126.2 | 28.29 |
|        | 13                | 11.8     | 163.1                     | 29.96 | 154.1 | 29.52 | 144.7 | 29.18 | 139.9 | 28.82 | 135.2 | 28.46 | 126.2 | 27.58 |
|        | 15                | 13.7     | 163.1                     | 29.12 | 154.1 | 28.69 | 144.7 | 28.37 | 139.9 | 28.02 | 135.2 | 27.66 | 126.2 | 26.80 |
| 100    | -30               | -30.2    | 51.50                     | 52.34 | 51.50 | 51.98 | 51.20 | 44.41 | 51.20 | 51.04 | 51.20 | 49.59 | 50.20 | 50.44 |
|        | -24.8             | -25      | 85.90                     | 51.07 | 85.90 | 50.70 | 85.40 | 46.71 | 85.40 | 49.76 | 85.40 | 49.36 | 83.70 | 49.16 |
|        | -21.8             | -22      | 104.4                     | 50.35 | 104.4 | 49.96 | 103.8 | 48.03 | 103.8 | 49.03 | 103.8 | 49.23 | 101.9 | 48.44 |
|        | -19.8             | -20      | 110.3                     | 49.86 | 110.3 | 49.48 | 109.5 | 48.82 | 109.5 | 48.53 | 109.5 | 48.34 | 107.4 | 47.94 |
|        | -18.8             | -19      | 112.6                     | 49.61 | 111.9 | 49.24 | 111.9 | 48.87 | 111.9 | 48.29 | 111.9 | 47.90 | 109.8 | 47.16 |
|        | -16.7             | -17      | 116.9                     | 49.11 | 116.9 | 48.72 | 116.9 | 48.96 | 116.2 | 47.79 | 116.2 | 46.28 | 114.0 | 45.51 |
|        | -15               | -15.9    | 120.8                     | 48.73 | 120.8 | 48.35 | 120.4 | 48.29 | 120.1 | 46.61 | 120.1 | 45.11 | 115.3 | 43.40 |
|        | -13.7             | -15      | 124.6                     | 48.37 | 124.6 | 48.00 | 124.0 | 47.64 | 124.0 | 45.46 | 123.9 | 43.94 | 115.3 | 40.94 |
|        | -11.8             | -13      | 128.6                     | 47.92 | 128.0 | 47.54 | 128.0 | 46.10 | 128.0 | 43.99 | 123.9 | 41.17 | 115.3 | 39.54 |
|        | -9.8              | -11      | 133.0                     | 47.44 | 133.0 | 45.82 | 132.3 | 44.48 | 128.1 | 41.09 | 123.9 | 38.89 | 115.3 | 38.07 |
|        | -9.5              | -10      | 133.6                     | 47.17 | 133.6 | 45.56 | 132.3 | 43.97 | 128.1 | 40.65 | 123.9 | 38.67 | 115.3 | 37.85 |
|        | -8.5              | -9.1     | 136.3                     | 46.28 | 136.3 | 44.71 | 132.3 | 42.34 | 128.1 | 39.32 | 123.9 | 37.94 | 115.3 | 37.11 |
|        | -7                | -7.6     | 142.5                     | 44.94 | 140.7 | 43.06 | 132.3 | 40.02 | 128.1 | 38.22 | 123.9 | 36.87 | 115.3 | 36.02 |
|        | -5                | -5.6     | 148.7                     | 43.25 | 140.7 | 39.94 | 132.3 | 38.59 | 128.1 | 36.85 | 123.9 | 35.53 | 115.3 | 34.64 |
|        | -3                | -3.7     | 149.3                     | 40.58 | 140.7 | 38.12 | 132.3 | 37.16 | 128.1 | 35.48 | 123.9 | 34.17 | 115.3 | 33.26 |
|        | 0                 | -0.7     | 149.3                     | 37.03 | 140.7 | 35.82 | 132.3 | 34.98 | 128.1 | 33.43 | 123.9 | 32.13 | 115.3 | 31.19 |
|        | 3                 | 2.2      | 149.3                     | 34.63 | 140.7 | 33.53 | 132.3 | 32.82 | 128.1 | 31.37 | 123.9 | 30.11 | 115.3 | 29.10 |
|        | 5                 | 4.1      | 149.3                     | 33.04 | 140.7 | 31.99 | 132.3 | 31.37 | 128.1 | 30.00 | 123.9 | 28.75 | 115.3 | 27.72 |
|        | 7                 | 6        | 149.3                     | 31.44 | 140.7 | 30.45 | 132.3 | 29.91 | 128.1 | 28.62 | 123.9 | 27.40 | 115.3 | 26.33 |
|        | 9                 | 7.9      | 149.3                     | 30.33 | 140.7 | 29.39 | 132.3 | 28.87 | 128.1 | 27.62 | 123.9 | 26.43 | 115.3 | 25.42 |
|        | 11                | 9.8      | 149.3                     | 29.50 | 140.7 | 28.56 | 132.3 | 28.07 | 128.1 | 26.85 | 123.9 | 25.69 | 115.3 | 24.70 |
|        | 13                | 11.8     | 149.3                     | 28.60 | 140.7 | 27.70 | 132.3 | 27.21 | 128.1 | 26.04 | 123.9 | 24.91 | 115.3 | 23.96 |
|        | 15                | 13.7     | 149.3                     | 27.64 | 140.7 | 26.78 | 132.3 | 26.30 | 128.1 | 25.18 | 123.9 | 24.08 | 115.3 | 23.16 |
| 90     | -30               | -30.2    | 51.40                     | 45.52 | 51.40 | 45.80 | 51.10 | 46.01 | 51.10 | 46.11 | 51.10 | 46.32 | 50.10 | 50.64 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 85.60                     | 45.77 | 85.60 | 46.08 | 85.10 | 46.29 | 85.10 | 46.39 | 85.10 | 46.59 | 83.50 | 46.90 |
|        | -21.8             | -22      | 104.0                     | 45.92 | 104.0 | 46.23 | 103.4 | 46.44 | 103.4 | 46.54 | 103.4 | 46.75 | 101.5 | 44.76 |
|        | -19.8             | -20      | 109.8                     | 46.04 | 109.8 | 46.33 | 109.1 | 46.55 | 109.1 | 46.65 | 109.1 | 45.30 | 105.4 | 42.66 |
|        | -18.8             | -19      | 112.6                     | 46.09 | 111.9 | 46.39 | 111.5 | 46.60 | 111.5 | 45.90 | 111.5 | 44.56 | 105.4 | 41.11 |
|        | -16.7             | -17      | 116.9                     | 46.19 | 116.9 | 46.49 | 116.4 | 45.05 | 116.4 | 44.34 | 113.6 | 42.03 | 105.4 | 39.04 |
|        | -15               | -15.9    | 120.8                     | 46.26 | 120.8 | 45.35 | 119.9 | 43.96 | 117.3 | 42.29 | 113.6 | 40.39 | 105.4 | 38.04 |
|        | -13.7             | -15      | 124.6                     | 46.35 | 124.6 | 44.22 | 121.0 | 42.03 | 117.3 | 40.04 | 113.6 | 38.80 | 105.4 | 37.06 |
|        | -11.8             | -13      | 128.6                     | 44.81 | 128.0 | 42.79 | 121.0 | 39.37 | 117.3 | 38.64 | 113.6 | 37.52 | 105.4 | 35.79 |
|        | -9.8              | -11      | 133.0                     | 43.20 | 128.6 | 39.92 | 121.0 | 38.00 | 117.3 | 37.26 | 113.6 | 36.17 | 105.4 | 34.48 |
|        | -9.5              | -10      | 133.6                     | 42.95 | 128.6 | 39.52 | 121.0 | 37.80 | 117.3 | 37.04 | 113.6 | 35.97 | 105.4 | 34.28 |
|        | -8.5              | -9.1     | 136.3                     | 42.14 | 128.6 | 38.31 | 121.0 | 37.12 | 117.3 | 36.36 | 113.6 | 35.30 | 105.4 | 33.63 |
|        | -7                | -7.6     | 136.7                     | 39.27 | 128.6 | 37.21 | 121.0 | 36.10 | 117.3 | 35.33 | 113.6 | 34.29 | 105.4 | 32.64 |
|        | -5                | -5.6     | 136.7                     | 37.40 | 128.6 | 35.88 | 121.0 | 34.81 | 117.3 | 34.02 | 113.6 | 33.03 | 105.4 | 31.42 |
|        | -3                | -3.7     | 136.7                     | 35.96 | 128.6 | 34.54 | 121.0 | 33.54 | 117.3 | 32.72 | 113.6 | 31.75 | 105.4 | 30.16 |
|        | 0                 | -0.7     | 136.7                     | 33.81 | 128.6 | 32.54 | 121.0 | 31.62 | 117.3 | 30.77 | 113.6 | 29.86 | 105.4 | 28.32 |
|        | 3                 | 2.2      | 136.7                     | 31.65 | 128.6 | 30.56 | 121.0 | 29.70 | 117.3 | 28.82 | 113.6 | 27.96 | 105.4 | 26.45 |
|        | 5                 | 4.1      | 136.7                     | 30.21 | 128.6 | 29.22 | 121.0 | 28.41 | 117.3 | 27.52 | 113.6 | 26.70 | 105.4 | 25.22 |
|        | 7                 | 6        | 136.7                     | 28.77 | 128.6 | 27.89 | 121.0 | 27.14 | 117.3 | 26.21 | 113.6 | 25.44 | 105.4 | 23.98 |
|        | 9                 | 7.9      | 136.7                     | 27.41 | 128.6 | 26.57 | 121.0 | 25.86 | 117.3 | 24.97 | 113.6 | 24.23 | 105.4 | 22.85 |
|        | 11                | 9.8      | 136.7                     | 26.05 | 128.6 | 25.26 | 121.0 | 24.58 | 117.3 | 23.74 | 113.6 | 23.03 | 105.4 | 21.73 |
|        | 13                | 11.8     | 136.7                     | 24.71 | 128.6 | 23.95 | 121.0 | 23.30 | 117.3 | 22.51 | 113.6 | 21.83 | 105.4 | 20.59 |
|        | 15                | 13.7     | 136.7                     | 23.35 | 128.6 | 22.62 | 121.0 | 22.01 | 117.3 | 21.25 | 113.6 | 20.63 | 105.4 | 19.46 |
| 80     | -30               | -30.2    | 51.10                     | 40.18 | 51.10 | 40.52 | 50.80 | 40.76 | 50.80 | 40.47 | 50.80 | 44.94 | 49.80 | 43.07 |
|        | -24.8             | -25      | 85.30                     | 40.51 | 85.30 | 40.83 | 84.70 | 41.04 | 84.70 | 41.14 | 84.70 | 41.65 | 83.10 | 39.90 |
|        | -21.8             | -22      | 103.0                     | 40.70 | 103.0 | 41.00 | 103.0 | 41.21 | 103.0 | 41.51 | 101.2 | 39.08 | 94.20 | 36.13 |
|        | -19.8             | -20      | 108.7                     | 40.81 | 108.7 | 41.11 | 108.3 | 41.28 | 105.0 | 38.83 | 101.2 | 36.53 | 94.20 | 34.97 |
|        | -18.8             | -19      | 111.0                     | 40.88 | 111.0 | 41.38 | 108.3 | 39.75 | 105.0 | 37.49 | 101.2 | 35.95 | 94.20 | 34.42 |
|        | -16.7             | -17      | 114.2                     | 41.29 | 114.2 | 39.99 | 108.3 | 37.34 | 105.0 | 36.20 | 101.2 | 34.70 | 94.20 | 33.23 |
|        | -15               | -15.9    | 116.8                     | 40.25 | 115.3 | 38.90 | 108.3 | 36.38 | 105.0 | 35.25 | 101.2 | 33.81 | 94.20 | 32.37 |
|        | -13.7             | -15      | 119.3                     | 39.24 | 115.3 | 37.46 | 108.3 | 35.45 | 105.0 | 34.33 | 101.2 | 32.95 | 94.20 | 31.53 |
|        | -11.8             | -13      | 122.4                     | 37.95 | 115.3 | 35.69 | 108.3 | 34.26 | 105.0 | 33.18 | 101.2 | 31.84 | 94.20 | 30.47 |
|        | -9.8              | -11      | 122.4                     | 35.63 | 115.3 | 33.95 | 108.3 | 33.03 | 105.0 | 31.94 | 101.2 | 30.68 | 94.20 | 29.36 |
|        | -9.5              | -10      | 122.4                     | 35.19 | 115.3 | 33.58 | 108.3 | 32.84 | 105.0 | 31.76 | 101.2 | 30.50 | 94.20 | 29.19 |
|        | -8.5              | -9.1     | 122.4                     | 34.23 | 115.3 | 32.86 | 108.3 | 32.22 | 105.0 | 31.15 | 101.2 | 29.93 | 94.20 | 28.65 |
|        | -7                | -7.6     | 122.4                     | 32.95 | 115.3 | 31.92 | 108.3 | 31.30 | 105.0 | 30.23 | 101.2 | 29.07 | 94.20 | 27.80 |
|        | -5                | -5.6     | 122.4                     | 31.74 | 115.3 | 30.79 | 108.3 | 30.13 | 105.0 | 29.09 | 101.2 | 27.97 | 94.20 | 26.76 |
|        | -3                | -3.7     | 122.4                     | 30.54 | 115.3 | 29.62 | 108.3 | 28.96 | 105.0 | 27.93 | 101.2 | 26.88 | 94.20 | 25.71 |
|        | 0                 | -0.7     | 122.4                     | 28.74 | 115.3 | 27.88 | 108.3 | 27.21 | 105.0 | 26.20 | 101.2 | 25.24 | 94.20 | 24.13 |
|        | 3                 | 2.2      | 122.4                     | 26.94 | 115.3 | 26.14 | 108.3 | 25.45 | 105.0 | 24.47 | 101.2 | 23.62 | 94.20 | 22.57 |
|        | 5                 | 4.1      | 122.4                     | 25.74 | 115.3 | 24.99 | 108.3 | 24.30 | 105.0 | 23.31 | 101.2 | 22.53 | 94.20 | 21.51 |
|        | 7                 | 6        | 122.4                     | 24.54 | 115.3 | 23.82 | 108.3 | 23.13 | 105.0 | 22.16 | 101.2 | 21.43 | 94.20 | 20.46 |
|        | 9                 | 7.9      | 122.4                     | 23.04 | 115.3 | 22.37 | 108.3 | 21.72 | 105.0 | 20.81 | 101.2 | 20.12 | 94.20 | 19.22 |
|        | 11                | 9.8      | 122.4                     | 21.38 | 115.3 | 20.77 | 108.3 | 20.16 | 105.0 | 19.31 | 101.2 | 18.68 | 94.20 | 17.84 |
|        | 13                | 11.8     | 122.4                     | 19.96 | 115.3 | 19.39 | 108.3 | 18.82 | 105.0 | 18.03 | 101.2 | 17.44 | 94.20 | 16.65 |
|        | 15                | 13.7     | 122.4                     | 18.80 | 115.3 | 18.24 | 108.3 | 17.71 | 105.0 | 16.98 | 101.2 | 16.42 | 94.20 | 15.66 |
| 70     | -30               | -30.2    | 51.10                     | 39.81 | 51.10 | 39.91 | 50.80 | 40.13 | 50.80 | 44.28 | 50.80 | 42.18 | 49.80 | 40.24 |
|        | -24.8             | -25      | 85.30                     | 40.12 | 85.30 | 40.22 | 84.70 | 40.43 | 84.70 | 40.72 | 84.70 | 38.82 | 80.60 | 35.91 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 97.90                     | 40.30 | 97.90 | 40.40 | 92.20 | 38.51 | 89.00 | 36.70 | 86.40 | 34.99 | 80.60 | 33.35 |
|        | -19.8             | -20      | 103.8                     | 39.51 | 98.00 | 38.42 | 92.20 | 37.15 | 89.00 | 35.41 | 86.40 | 33.80 | 80.60 | 32.19 |
|        | -18.8             | -19      | 103.8                     | 38.38 | 98.00 | 37.74 | 92.20 | 36.48 | 89.00 | 34.76 | 86.40 | 33.19 | 80.60 | 31.61 |
|        | -16.7             | -17      | 103.8                     | 36.95 | 98.00 | 36.27 | 92.20 | 35.07 | 89.00 | 33.42 | 86.40 | 31.93 | 80.60 | 30.38 |
|        | -15               | -15.9    | 103.8                     | 35.91 | 98.00 | 35.23 | 92.20 | 34.06 | 89.00 | 32.46 | 86.40 | 31.03 | 80.60 | 29.51 |
|        | -13.7             | -15      | 103.8                     | 34.89 | 98.00 | 34.20 | 92.20 | 33.07 | 89.00 | 31.51 | 86.40 | 30.14 | 80.60 | 28.66 |
|        | -11.8             | -13      | 103.8                     | 33.59 | 98.00 | 32.89 | 92.20 | 31.81 | 89.00 | 30.31 | 86.40 | 29.01 | 80.60 | 27.57 |
|        | -9.8              | -11      | 103.8                     | 32.25 | 98.00 | 31.51 | 92.20 | 30.48 | 89.00 | 29.06 | 86.40 | 27.84 | 80.60 | 26.43 |
|        | -9.5              | -10      | 103.8                     | 32.04 | 98.00 | 31.31 | 92.20 | 30.27 | 89.00 | 28.87 | 86.40 | 27.67 | 80.60 | 26.26 |
|        | -8.5              | -9.1     | 103.8                     | 31.37 | 98.00 | 30.63 | 92.20 | 29.62 | 89.00 | 28.23 | 86.40 | 27.06 | 80.60 | 25.70 |
|        | -7                | -7.6     | 103.8                     | 30.36 | 98.00 | 29.62 | 92.20 | 28.64 | 89.00 | 27.30 | 86.40 | 26.19 | 80.60 | 24.83 |
|        | -5                | -5.6     | 103.8                     | 29.08 | 98.00 | 28.31 | 92.20 | 27.37 | 89.00 | 26.11 | 86.40 | 25.08 | 80.60 | 23.77 |
|        | -3                | -3.7     | 103.8                     | 27.80 | 98.00 | 27.02 | 92.20 | 26.13 | 89.00 | 24.92 | 86.40 | 23.95 | 80.60 | 22.69 |
|        | 0                 | -0.7     | 103.8                     | 25.87 | 98.00 | 25.08 | 92.20 | 24.24 | 89.00 | 23.13 | 86.40 | 22.28 | 80.60 | 21.07 |
|        | 3                 | 2.2      | 103.8                     | 23.95 | 98.00 | 23.13 | 92.20 | 22.36 | 89.00 | 21.33 | 86.40 | 20.62 | 80.60 | 19.44 |
|        | 5                 | 4.1      | 103.8                     | 22.69 | 98.00 | 21.84 | 92.20 | 21.11 | 89.00 | 20.15 | 86.40 | 19.49 | 80.60 | 18.37 |
|        | 7                 | 6        | 103.8                     | 21.40 | 98.00 | 20.54 | 92.20 | 19.84 | 89.00 | 18.96 | 86.40 | 18.39 | 80.60 | 17.28 |
|        | 9                 | 7.9      | 103.8                     | 19.33 | 98.00 | 18.56 | 92.20 | 17.92 | 89.00 | 17.12 | 86.40 | 16.60 | 80.60 | 15.60 |
|        | 11                | 9.8      | 103.8                     | 18.00 | 98.00 | 17.27 | 92.20 | 16.70 | 89.00 | 15.94 | 86.40 | 15.46 | 80.60 | 14.52 |
|        | 13                | 11.8     | 103.8                     | 16.84 | 98.00 | 16.15 | 92.20 | 15.61 | 89.00 | 14.92 | 86.40 | 14.45 | 80.60 | 13.59 |
|        | 15                | 13.7     | 103.8                     | 15.87 | 98.00 | 15.24 | 92.20 | 14.72 | 89.00 | 14.06 | 86.40 | 13.62 | 80.60 | 12.82 |
| 60     | -30               | -30.2    | 50.30                     | 39.51 | 50.30 | 39.72 | 50.00 | 44.21 | 48.30 | 41.87 | 46.60 | 39.72 | 43.60 | 37.75 |
|        | -24.8             | -25      | 83.80                     | 39.83 | 83.80 | 40.03 | 79.00 | 38.27 | 76.40 | 36.29 | 73.70 | 34.43 | 69.00 | 32.69 |
|        | -21.8             | -22      | 89.00                     | 39.64 | 84.20 | 38.14 | 79.00 | 36.17 | 76.40 | 34.33 | 73.70 | 32.59 | 69.00 | 30.90 |
|        | -19.8             | -20      | 89.00                     | 38.06 | 84.20 | 36.67 | 79.00 | 34.78 | 76.40 | 33.01 | 73.70 | 31.35 | 69.00 | 29.72 |
|        | -18.8             | -19      | 89.00                     | 37.32 | 84.20 | 35.94 | 79.00 | 34.10 | 76.40 | 32.37 | 73.70 | 30.74 | 69.00 | 29.13 |
|        | -16.7             | -17      | 89.00                     | 35.77 | 84.20 | 34.40 | 79.00 | 32.63 | 76.40 | 31.01 | 73.70 | 29.47 | 69.00 | 27.90 |
|        | -15               | -15.9    | 89.00                     | 34.66 | 84.20 | 33.30 | 79.00 | 31.60 | 76.40 | 30.04 | 73.70 | 28.55 | 69.00 | 27.02 |
|        | -13.7             | -15      | 89.00                     | 33.57 | 84.20 | 32.23 | 79.00 | 30.58 | 76.40 | 29.08 | 73.70 | 27.65 | 69.00 | 26.15 |
|        | -11.8             | -13      | 89.00                     | 32.18 | 84.20 | 30.84 | 79.00 | 29.28 | 76.40 | 27.86 | 73.70 | 26.51 | 69.00 | 25.03 |
|        | -9.8              | -11      | 89.00                     | 30.72 | 84.20 | 29.40 | 79.00 | 27.93 | 76.40 | 26.58 | 73.70 | 25.30 | 69.00 | 23.88 |
|        | -9.5              | -10      | 89.00                     | 30.50 | 84.20 | 29.19 | 79.00 | 27.73 | 76.40 | 26.39 | 73.70 | 25.12 | 69.00 | 23.71 |
|        | -8.5              | -9.1     | 89.00                     | 29.78 | 84.20 | 28.47 | 79.00 | 27.05 | 76.40 | 25.76 | 73.70 | 24.53 | 69.00 | 23.13 |
|        | -7                | -7.6     | 89.00                     | 28.70 | 84.20 | 27.41 | 79.00 | 26.03 | 76.40 | 24.81 | 73.70 | 23.64 | 69.00 | 22.26 |
|        | -5                | -5.6     | 89.00                     | 27.31 | 84.20 | 26.03 | 79.00 | 24.75 | 76.40 | 23.60 | 73.70 | 22.49 | 69.00 | 21.17 |
|        | -3                | -3.7     | 89.00                     | 25.94 | 84.20 | 24.66 | 79.00 | 23.45 | 76.40 | 22.39 | 73.70 | 21.34 | 69.00 | 20.06 |
|        | 0                 | -0.7     | 89.00                     | 23.85 | 84.20 | 22.60 | 79.00 | 21.51 | 76.40 | 20.56 | 73.70 | 19.64 | 69.00 | 18.41 |
|        | 3                 | 2.2      | 89.00                     | 21.78 | 84.20 | 20.54 | 79.00 | 19.57 | 76.40 | 18.74 | 73.70 | 17.93 | 69.00 | 16.75 |
|        | 5                 | 4.1      | 89.00                     | 20.40 | 84.20 | 19.18 | 79.00 | 18.28 | 76.40 | 17.53 | 73.70 | 16.79 | 69.00 | 15.65 |
|        | 7                 | 6        | 89.00                     | 19.01 | 84.20 | 17.81 | 79.00 | 16.97 | 76.40 | 16.32 | 73.70 | 15.65 | 69.00 | 14.56 |
|        | 9                 | 7.9      | 89.00                     | 16.96 | 84.20 | 15.89 | 79.00 | 15.15 | 76.40 | 14.57 | 73.70 | 13.97 | 69.00 | 12.98 |
|        | 11                | 9.8      | 89.00                     | 15.83 | 84.20 | 14.83 | 79.00 | 14.14 | 76.40 | 13.60 | 73.70 | 13.04 | 69.00 | 12.12 |
|        | 13                | 11.8     | 89.00                     | 14.83 | 84.20 | 13.89 | 79.00 | 13.25 | 76.40 | 12.74 | 73.70 | 12.21 | 69.00 | 11.36 |
|        | 15                | 13.7     | 89.00                     | 14.02 | 84.20 | 13.13 | 79.00 | 12.52 | 76.40 | 12.03 | 73.70 | 11.55 | 69.00 | 10.74 |
| 50     | -30               | -30.2    | 47.00                     | 34.09 | 44.30 | 38.07 | 41.60 | 36.05 | 40.30 | 34.18 | 38.90 | 32.38 | 36.30 | 30.78 |
|        | -24.8             | -25      | 74.30                     | 32.65 | 70.10 | 32.93 | 65.90 | 31.21 | 63.80 | 29.60 | 61.60 | 28.08 | 57.40 | 26.65 |
|        | -21.8             | -22      | 74.30                     | 32.83 | 70.10 | 31.12 | 65.90 | 29.50 | 63.80 | 27.99 | 61.60 | 26.57 | 57.40 | 25.19 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 74.30                     | 31.57 | 70.10 | 29.90 | 65.90 | 28.36 | 63.80 | 26.91 | 61.60 | 25.56 | 57.40 | 24.23 |
|        | -18.8             | -19      | 74.30                     | 30.94 | 70.10 | 29.30 | 65.90 | 27.81 | 63.80 | 26.37 | 61.60 | 25.07 | 57.40 | 23.76 |
|        | -16.7             | -17      | 74.30                     | 29.62 | 70.10 | 28.04 | 65.90 | 26.63 | 63.80 | 25.24 | 61.60 | 24.02 | 57.40 | 22.75 |
|        | -15               | -15.9    | 74.30                     | 28.68 | 70.10 | 27.13 | 65.90 | 25.78 | 63.80 | 24.45 | 61.60 | 23.27 | 57.40 | 22.03 |
|        | -13.7             | -15      | 74.30                     | 27.74 | 70.10 | 26.24 | 65.90 | 24.93 | 63.80 | 23.66 | 61.60 | 22.54 | 57.40 | 21.32 |
|        | -11.8             | -13      | 74.30                     | 26.56 | 70.10 | 25.11 | 65.90 | 23.90 | 63.80 | 22.67 | 61.60 | 21.60 | 57.40 | 20.42 |
|        | -9.8              | -11      | 74.30                     | 25.33 | 70.10 | 23.93 | 65.90 | 22.78 | 63.80 | 21.60 | 61.60 | 20.62 | 57.40 | 19.48 |
|        | -9.5              | -10      | 74.30                     | 25.14 | 70.10 | 23.75 | 65.90 | 22.61 | 63.80 | 21.45 | 61.60 | 20.48 | 57.40 | 19.34 |
|        | -8.5              | -9.1     | 74.30                     | 24.54 | 70.10 | 23.16 | 65.90 | 22.07 | 63.80 | 20.93 | 61.60 | 19.99 | 57.40 | 18.87 |
|        | -7                | -7.6     | 74.30                     | 23.60 | 70.10 | 22.28 | 65.90 | 21.24 | 63.80 | 20.16 | 61.60 | 19.26 | 57.40 | 18.16 |
|        | -5                | -5.6     | 74.30                     | 22.42 | 70.10 | 21.15 | 65.90 | 20.19 | 63.80 | 19.16 | 61.60 | 18.34 | 57.40 | 17.27 |
|        | -3                | -3.7     | 74.30                     | 21.26 | 70.10 | 20.02 | 65.90 | 19.13 | 63.80 | 18.15 | 61.60 | 17.40 | 57.40 | 16.37 |
|        | 0                 | -0.7     | 74.30                     | 19.48 | 70.10 | 18.32 | 65.90 | 17.54 | 63.80 | 16.65 | 61.60 | 16.01 | 57.40 | 15.03 |
|        | 3                 | 2.2      | 74.30                     | 17.71 | 70.10 | 16.64 | 65.90 | 15.97 | 63.80 | 15.16 | 61.60 | 14.61 | 57.40 | 13.69 |
|        | 5                 | 4.1      | 74.30                     | 16.54 | 70.10 | 15.50 | 65.90 | 14.91 | 63.80 | 14.15 | 61.60 | 13.69 | 57.40 | 12.79 |
|        | 7                 | 6        | 74.30                     | 15.36 | 70.10 | 14.38 | 65.90 | 13.85 | 63.80 | 13.15 | 61.60 | 12.75 | 57.40 | 11.90 |
|        | 9                 | 7.9      | 74.30                     | 13.87 | 70.10 | 12.98 | 65.90 | 12.52 | 63.80 | 11.89 | 61.60 | 11.51 | 57.40 | 10.75 |
|        | 11                | 9.8      | 74.30                     | 12.98 | 70.10 | 12.15 | 65.90 | 11.70 | 63.80 | 11.11 | 61.60 | 10.77 | 57.40 | 10.05 |
|        | 13                | 11.8     | 74.30                     | 12.19 | 70.10 | 11.40 | 65.90 | 10.99 | 63.80 | 10.45 | 61.60 | 10.12 | 57.40 | 9.44  |
|        | 15                | 13.7     | 74.30                     | 11.53 | 70.10 | 10.79 | 65.90 | 10.40 | 63.80 | 9.86  | 61.60 | 9.58  | 57.40 | 8.93  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM440LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 54.20                     | 48.64 | 54.20 | 48.93 | 53.80 | 49.19 | 53.80 | 49.56 | 53.80 | 49.96 | 52.80 | 50.55 |
|        | -24.8             | -25      | 90.30                     | 49.59 | 90.30 | 49.89 | 89.60 | 50.14 | 89.60 | 50.53 | 89.60 | 50.91 | 88.10 | 51.49 |
|        | -21.8             | -22      | 110.6                     | 50.14 | 110.6 | 50.44 | 109.9 | 50.70 | 109.9 | 51.09 | 109.9 | 51.46 | 107.7 | 52.05 |
|        | -19.8             | -20      | 117.1                     | 50.52 | 117.1 | 50.81 | 116.2 | 51.07 | 116.2 | 51.46 | 116.2 | 51.83 | 114.1 | 52.42 |
|        | -18.8             | -19      | 119.7                     | 50.69 | 119.7 | 51.00 | 118.9 | 51.25 | 118.9 | 51.64 | 118.9 | 52.01 | 116.6 | 52.60 |
|        | -16.7             | -17      | 125.1                     | 51.09 | 125.1 | 51.38 | 124.3 | 51.64 | 124.3 | 52.03 | 124.3 | 52.40 | 122.0 | 52.99 |
|        | -15               | -15.9    | 128.9                     | 51.36 | 128.9 | 51.66 | 128.2 | 51.91 | 128.2 | 52.30 | 128.2 | 52.68 | 125.7 | 52.01 |
|        | -13.7             | -15      | 132.9                     | 51.65 | 132.9 | 51.93 | 132.1 | 52.19 | 132.1 | 52.58 | 132.1 | 52.96 | 129.5 | 51.03 |
|        | -11.8             | -13      | 137.2                     | 51.99 | 137.2 | 52.28 | 136.3 | 52.54 | 136.3 | 52.94 | 136.3 | 51.64 | 134.3 | 49.79 |
|        | -9.8              | -11      | 141.7                     | 52.36 | 141.7 | 52.66 | 140.9 | 52.91 | 140.9 | 51.56 | 140.9 | 50.27 | 139.3 | 48.49 |
|        | -9.5              | -10      | 142.5                     | 52.43 | 142.5 | 52.70 | 141.7 | 52.69 | 141.7 | 51.35 | 141.6 | 50.07 | 140.0 | 48.29 |
|        | -8.5              | -9.1     | 145.3                     | 52.60 | 145.3 | 52.89 | 144.4 | 51.99 | 144.4 | 50.64 | 143.8 | 49.38 | 142.6 | 47.64 |
|        | -7                | -7.6     | 149.5                     | 52.88 | 149.5 | 51.88 | 148.4 | 50.94 | 148.4 | 49.61 | 148.4 | 48.34 | 146.4 | 46.67 |
|        | -5                | -5.6     | 154.9                     | 51.60 | 154.9 | 50.53 | 153.9 | 49.56 | 153.9 | 48.25 | 153.9 | 46.99 | 151.3 | 45.39 |
|        | -3                | -3.7     | 160.4                     | 50.31 | 160.4 | 49.19 | 159.4 | 48.17 | 159.4 | 46.87 | 159.4 | 45.63 | 156.1 | 44.04 |
|        | 0                 | -0.7     | 168.6                     | 48.40 | 168.6 | 47.20 | 167.5 | 46.09 | 167.5 | 44.83 | 167.5 | 43.61 | 156.4 | 40.22 |
|        | 3                 | 2.2      | 176.9                     | 46.48 | 176.9 | 45.17 | 175.7 | 44.03 | 174.2 | 42.41 | 168.0 | 39.76 | 156.4 | 38.21 |
|        | 5                 | 4.1      | 179.0                     | 44.39 | 179.0 | 43.05 | 178.5 | 42.00 | 174.2 | 39.82 | 168.0 | 38.16 | 156.4 | 36.99 |
|        | 7                 | 6        | 179.0                     | 41.88 | 179.0 | 40.53 | 178.5 | 39.49 | 174.2 | 38.02 | 168.0 | 36.89 | 156.4 | 35.78 |
|        | 9                 | 7.9      | 179.0                     | 40.67 | 179.0 | 39.36 | 178.5 | 38.22 | 174.2 | 37.11 | 168.0 | 36.01 | 156.4 | 34.92 |
| 120    | 11                | 9.8      | 179.0                     | 40.03 | 179.0 | 38.75 | 178.5 | 37.64 | 174.2 | 36.52 | 168.0 | 35.44 | 156.4 | 34.38 |
|        | 13                | 11.8     | 179.0                     | 39.35 | 179.0 | 38.08 | 178.5 | 36.97 | 174.2 | 35.90 | 168.0 | 34.83 | 156.4 | 33.79 |
|        | 15                | 13.7     | 179.0                     | 38.61 | 179.0 | 37.36 | 178.5 | 36.27 | 174.2 | 35.22 | 168.0 | 34.17 | 156.4 | 33.14 |
|        | -30               | -30.2    | 53.80                     | 48.93 | 53.80 | 49.19 | 53.40 | 49.56 | 53.40 | 49.96 | 53.40 | 50.55 | 52.40 | 50.96 |
|        | -24.8             | -25      | 89.60                     | 49.89 | 89.60 | 50.14 | 89.00 | 50.53 | 89.00 | 50.91 | 89.00 | 51.49 | 87.40 | 51.91 |
|        | -21.8             | -22      | 109.9                     | 50.44 | 109.9 | 50.70 | 109.1 | 51.09 | 109.1 | 51.46 | 109.1 | 52.05 | 107.1 | 52.46 |
|        | -19.8             | -20      | 116.2                     | 50.81 | 116.2 | 51.07 | 115.5 | 51.46 | 115.5 | 51.83 | 115.5 | 52.42 | 113.2 | 52.82 |
|        | -18.8             | -19      | 118.8                     | 51.00 | 118.8 | 51.25 | 118.0 | 51.64 | 118.0 | 52.01 | 118.0 | 52.60 | 115.8 | 53.01 |
|        | -16.7             | -17      | 124.2                     | 51.38 | 124.2 | 51.64 | 123.4 | 52.03 | 123.4 | 52.40 | 123.4 | 52.99 | 121.0 | 51.74 |
|        | -15               | -15.9    | 128.1                     | 51.66 | 128.1 | 51.91 | 127.2 | 52.30 | 127.2 | 52.68 | 127.2 | 52.05 | 124.8 | 50.84 |
|        | -13.7             | -15      | 131.8                     | 51.93 | 131.8 | 52.19 | 131.1 | 52.58 | 131.1 | 52.96 | 131.1 | 51.11 | 128.6 | 49.95 |
|        | -11.8             | -13      | 136.2                     | 52.28 | 136.2 | 52.54 | 135.3 | 52.94 | 135.3 | 51.63 | 135.3 | 49.93 | 133.4 | 48.81 |
|        | -9.8              | -11      | 140.6                     | 52.66 | 140.6 | 52.91 | 139.8 | 51.48 | 139.8 | 50.24 | 139.8 | 48.69 | 138.4 | 47.62 |
|        | -9.5              | -10      | 141.6                     | 52.70 | 141.6 | 52.68 | 140.6 | 51.28 | 140.6 | 50.04 | 140.6 | 48.49 | 139.1 | 47.43 |
|        | -8.5              | -9.1     | 144.2                     | 52.89 | 144.2 | 51.91 | 143.3 | 50.55 | 143.3 | 49.35 | 143.3 | 47.88 | 141.6 | 46.83 |
|        | -7                | -7.6     | 148.3                     | 51.77 | 148.3 | 50.77 | 147.4 | 49.47 | 147.4 | 48.30 | 147.4 | 46.95 | 145.2 | 45.93 |
|        | -5                | -5.6     | 153.9                     | 50.28 | 153.9 | 49.27 | 152.8 | 48.03 | 152.8 | 46.93 | 152.8 | 45.72 | 146.9 | 43.72 |
|        | -3                | -3.7     | 159.2                     | 48.80 | 159.2 | 47.79 | 158.3 | 46.61 | 158.3 | 45.57 | 158.1 | 44.48 | 146.9 | 41.35 |
|        | 0                 | -0.7     | 167.4                     | 46.59 | 167.4 | 45.54 | 166.3 | 44.48 | 163.2 | 42.70 | 158.1 | 40.55 | 146.9 | 39.68 |
|        | 3                 | 2.2      | 175.6                     | 44.37 | 175.6 | 43.29 | 168.8 | 40.96 | 163.2 | 39.36 | 158.1 | 38.74 | 146.9 | 38.00 |
|        | 5                 | 4.1      | 177.7                     | 42.12 | 175.8 | 40.59 | 168.8 | 38.84 | 163.2 | 38.06 | 158.1 | 37.58 | 146.9 | 36.89 |
|        | 7                 | 6        | 177.7                     | 39.46 | 175.8 | 38.23 | 168.8 | 37.48 | 163.2 | 36.76 | 158.1 | 36.42 | 146.9 | 35.76 |
|        | 9                 | 7.9      | 177.7                     | 38.26 | 175.8 | 37.22 | 168.8 | 36.49 | 163.2 | 35.79 | 158.1 | 35.45 | 146.9 | 34.82 |
|        | 11                | 9.8      | 177.7                     | 37.56 | 175.8 | 36.54 | 168.8 | 35.81 | 163.2 | 35.14 | 158.1 | 34.80 | 146.9 | 34.18 |
|        | 13                | 11.8     | 177.7                     | 36.80 | 175.8 | 35.80 | 168.8 | 35.10 | 163.2 | 34.43 | 158.1 | 34.10 | 146.9 | 33.50 |
|        | 15                | 13.7     | 177.7                     | 36.00 | 175.8 | 35.01 | 168.8 | 34.33 | 163.2 | 33.67 | 158.1 | 33.34 | 146.9 | 32.76 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 53.60                     | 49.19 | 53.60 | 49.56 | 53.20 | 49.96 | 53.20 | 50.55 | 53.20 | 50.96 | 52.10 | 51.15 |
|        | -24.8             | -25      | 89.20                     | 50.14 | 89.20 | 50.53 | 88.60 | 50.91 | 88.60 | 51.49 | 88.60 | 51.91 | 86.80 | 52.11 |
|        | -21.8             | -22      | 109.2                     | 50.70 | 109.2 | 51.09 | 108.4 | 51.46 | 108.4 | 52.05 | 108.4 | 52.46 | 106.5 | 52.65 |
|        | -19.8             | -20      | 115.6                     | 51.07 | 115.6 | 51.46 | 114.9 | 51.83 | 114.9 | 52.42 | 114.9 | 52.82 | 112.6 | 53.02 |
|        | -18.8             | -19      | 118.1                     | 51.25 | 118.1 | 51.64 | 117.4 | 52.01 | 117.4 | 52.60 | 117.4 | 53.01 | 115.2 | 52.35 |
|        | -16.7             | -17      | 123.6                     | 51.64 | 123.6 | 52.03 | 122.7 | 52.40 | 122.7 | 52.99 | 122.7 | 51.65 | 120.4 | 50.94 |
|        | -15               | -15.9    | 127.3                     | 51.91 | 127.3 | 52.30 | 126.5 | 52.68 | 126.5 | 51.95 | 126.5 | 50.67 | 125.3 | 49.93 |
|        | -13.7             | -15      | 131.1                     | 52.19 | 131.1 | 52.58 | 130.3 | 52.96 | 130.3 | 50.92 | 130.3 | 49.69 | 130.3 | 48.93 |
|        | -11.8             | -13      | 135.3                     | 52.54 | 135.3 | 52.94 | 134.6 | 51.50 | 134.6 | 49.61 | 134.6 | 48.44 | 132.2 | 46.79 |
|        | -9.8              | -11      | 139.9                     | 52.91 | 139.9 | 51.30 | 139.1 | 49.97 | 139.1 | 48.23 | 139.1 | 47.15 | 132.2 | 44.26 |
|        | -9.5              | -10      | 140.6                     | 52.64 | 140.6 | 51.05 | 139.9 | 49.73 | 139.9 | 48.03 | 139.9 | 46.95 | 132.2 | 43.77 |
|        | -8.5              | -9.1     | 143.4                     | 51.77 | 143.4 | 50.23 | 142.6 | 48.97 | 142.6 | 47.34 | 141.6 | 45.96 | 132.2 | 43.13 |
|        | -7                | -7.6     | 147.6                     | 50.44 | 147.6 | 49.00 | 146.7 | 47.82 | 146.5 | 46.27 | 141.6 | 43.76 | 132.2 | 42.19 |
|        | -5                | -5.6     | 152.9                     | 48.71 | 152.9 | 47.38 | 151.5 | 46.18 | 146.5 | 43.36 | 141.6 | 41.80 | 132.2 | 40.93 |
|        | -3                | -3.7     | 158.4                     | 46.97 | 158.4 | 45.77 | 151.5 | 43.13 | 146.5 | 41.37 | 141.6 | 40.57 | 132.2 | 39.68 |
|        | 0                 | -0.7     | 166.4                     | 44.36 | 161.5 | 42.06 | 151.5 | 40.39 | 146.5 | 39.44 | 141.6 | 38.75 | 132.2 | 37.80 |
|        | 3                 | 2.2      | 170.9                     | 40.88 | 161.5 | 38.84 | 151.5 | 38.23 | 146.5 | 37.52 | 141.6 | 36.93 | 132.2 | 35.92 |
|        | 5                 | 4.1      | 170.9                     | 37.97 | 161.5 | 37.31 | 151.5 | 36.82 | 146.5 | 36.22 | 141.6 | 35.71 | 132.2 | 34.67 |
|        | 7                 | 6        | 170.9                     | 36.31 | 161.5 | 35.77 | 151.5 | 35.38 | 146.5 | 34.94 | 141.6 | 34.50 | 132.2 | 33.42 |
|        | 9                 | 7.9      | 170.9                     | 35.20 | 161.5 | 34.67 | 151.5 | 34.28 | 146.5 | 33.86 | 141.6 | 33.42 | 132.2 | 32.39 |
|        | 11                | 9.8      | 170.9                     | 34.39 | 161.5 | 33.87 | 151.5 | 33.49 | 146.5 | 33.07 | 141.6 | 32.64 | 132.2 | 31.64 |
|        | 13                | 11.8     | 170.9                     | 33.51 | 161.5 | 33.01 | 151.5 | 32.63 | 146.5 | 32.24 | 141.6 | 31.82 | 132.2 | 30.84 |
|        | 15                | 13.7     | 170.9                     | 32.57 | 161.5 | 32.08 | 151.5 | 31.72 | 146.5 | 31.34 | 141.6 | 30.93 | 132.2 | 29.97 |
| 100    | -30               | -30.2    | 53.20                     | 56.13 | 53.20 | 55.86 | 53.00 | 48.31 | 53.00 | 55.11 | 53.00 | 53.58 | 51.90 | 54.66 |
|        | -24.8             | -25      | 88.80                     | 55.30 | 88.80 | 55.02 | 88.30 | 51.03 | 88.30 | 54.28 | 88.30 | 53.98 | 86.40 | 53.83 |
|        | -21.8             | -22      | 108.6                     | 54.82 | 108.6 | 54.53 | 108.0 | 52.61 | 108.0 | 53.81 | 108.0 | 54.21 | 105.9 | 53.35 |
|        | -19.8             | -20      | 115.1                     | 54.50 | 115.1 | 54.20 | 114.4 | 53.58 | 114.4 | 53.48 | 114.4 | 53.42 | 112.2 | 53.02 |
|        | -18.8             | -19      | 117.6                     | 54.34 | 117.0 | 54.05 | 117.0 | 53.76 | 117.0 | 53.31 | 117.0 | 53.01 | 114.7 | 52.20 |
|        | -16.7             | -17      | 122.2                     | 54.02 | 122.2 | 53.71 | 122.2 | 54.14 | 121.5 | 52.99 | 121.5 | 51.31 | 119.3 | 50.47 |
|        | -15               | -15.9    | 126.4                     | 53.77 | 126.4 | 53.47 | 125.9 | 53.55 | 125.7 | 51.76 | 125.7 | 50.09 | 120.8 | 48.24 |
|        | -13.7             | -15      | 130.5                     | 53.53 | 130.5 | 53.24 | 129.7 | 52.96 | 129.7 | 50.53 | 129.7 | 48.85 | 120.8 | 45.53 |
|        | -11.8             | -13      | 134.7                     | 53.23 | 134.0 | 52.94 | 134.0 | 51.32 | 134.0 | 48.97 | 129.7 | 45.81 | 120.8 | 44.04 |
|        | -9.8              | -11      | 139.2                     | 52.91 | 139.2 | 51.11 | 138.6 | 49.60 | 134.1 | 45.82 | 129.7 | 43.39 | 120.8 | 42.48 |
|        | -9.5              | -10      | 139.9                     | 52.62 | 139.9 | 50.82 | 138.6 | 49.07 | 134.1 | 45.34 | 129.7 | 43.16 | 120.8 | 42.24 |
|        | -8.5              | -9.1     | 142.7                     | 51.68 | 142.7 | 49.91 | 138.6 | 47.27 | 134.1 | 43.91 | 129.7 | 42.39 | 120.8 | 41.45 |
|        | -7                | -7.6     | 149.2                     | 50.24 | 147.4 | 48.18 | 138.6 | 44.76 | 134.1 | 42.75 | 129.7 | 41.24 | 120.8 | 40.28 |
|        | -5                | -5.6     | 155.7                     | 48.35 | 147.4 | 44.72 | 138.6 | 43.16 | 134.1 | 41.21 | 129.7 | 39.73 | 120.8 | 38.74 |
|        | -3                | -3.7     | 156.3                     | 45.37 | 147.4 | 42.64 | 138.6 | 41.55 | 134.1 | 39.68 | 129.7 | 38.21 | 120.8 | 37.19 |
|        | 0                 | -0.7     | 156.3                     | 41.42 | 147.4 | 40.06 | 138.6 | 39.12 | 134.1 | 37.38 | 129.7 | 35.93 | 120.8 | 34.87 |
|        | 3                 | 2.2      | 156.3                     | 38.73 | 147.4 | 37.49 | 138.6 | 36.70 | 134.1 | 35.08 | 129.7 | 33.67 | 120.8 | 32.55 |
|        | 5                 | 4.1      | 156.3                     | 36.95 | 147.4 | 35.77 | 138.6 | 35.08 | 134.1 | 33.56 | 129.7 | 32.15 | 120.8 | 31.01 |
|        | 7                 | 6        | 156.3                     | 35.16 | 147.4 | 34.05 | 138.6 | 33.48 | 134.1 | 32.02 | 129.7 | 30.64 | 120.8 | 29.46 |
|        | 9                 | 7.9      | 156.3                     | 33.92 | 147.4 | 32.87 | 138.6 | 32.29 | 134.1 | 30.89 | 129.7 | 29.57 | 120.8 | 28.42 |
|        | 11                | 9.8      | 156.3                     | 32.99 | 147.4 | 31.95 | 138.6 | 31.40 | 134.1 | 30.02 | 129.7 | 28.73 | 120.8 | 27.63 |
|        | 13                | 11.8     | 156.3                     | 31.99 | 147.4 | 30.97 | 138.6 | 30.44 | 134.1 | 29.12 | 129.7 | 27.86 | 120.8 | 26.79 |
|        | 15                | 13.7     | 156.3                     | 30.91 | 147.4 | 29.94 | 138.6 | 29.42 | 134.1 | 28.15 | 129.7 | 26.93 | 120.8 | 25.90 |
| 90     | -30               | -30.2    | 53.10                     | 48.42 | 53.10 | 48.96 | 52.70 | 49.40 | 52.70 | 49.56 | 52.70 | 49.99 | 51.70 | 55.38 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 88.50                     | 49.36 | 88.50 | 49.94 | 87.90 | 50.36 | 87.90 | 50.54 | 87.90 | 50.94 | 86.20 | 51.54 |
|        | -21.8             | -22      | 108.2                     | 49.90 | 108.2 | 50.50 | 107.6 | 50.91 | 107.6 | 51.10 | 107.6 | 51.50 | 105.5 | 49.32 |
|        | -19.8             | -20      | 114.7                     | 50.28 | 114.7 | 50.87 | 113.9 | 51.29 | 113.9 | 51.48 | 113.9 | 49.99 | 110.4 | 47.28 |
|        | -18.8             | -19      | 117.6                     | 50.47 | 117.0 | 51.06 | 116.4 | 51.46 | 116.4 | 50.70 | 116.4 | 49.23 | 110.4 | 45.55 |
|        | -16.7             | -17      | 122.2                     | 50.86 | 122.2 | 51.44 | 121.7 | 49.86 | 121.7 | 49.07 | 119.0 | 46.57 | 110.4 | 43.24 |
|        | -15               | -15.9    | 126.4                     | 51.13 | 126.4 | 50.26 | 125.5 | 48.73 | 122.9 | 46.92 | 119.0 | 44.80 | 110.4 | 42.19 |
|        | -13.7             | -15      | 130.5                     | 51.41 | 130.5 | 49.06 | 126.8 | 46.64 | 122.9 | 44.45 | 119.0 | 43.08 | 110.4 | 41.15 |
|        | -11.8             | -13      | 134.7                     | 49.79 | 134.0 | 47.57 | 126.8 | 43.81 | 122.9 | 42.98 | 119.0 | 41.73 | 110.4 | 39.81 |
|        | -9.8              | -11      | 139.2                     | 48.09 | 134.6 | 44.48 | 126.8 | 42.34 | 122.9 | 41.50 | 119.0 | 40.31 | 110.4 | 38.42 |
|        | -9.5              | -10      | 139.9                     | 47.82 | 134.6 | 44.01 | 126.8 | 42.12 | 122.9 | 41.28 | 119.0 | 40.09 | 110.4 | 38.21 |
|        | -8.5              | -9.1     | 142.7                     | 46.98 | 134.6 | 42.73 | 126.8 | 41.40 | 122.9 | 40.56 | 119.0 | 39.38 | 110.4 | 37.51 |
|        | -7                | -7.6     | 143.1                     | 43.83 | 134.6 | 41.55 | 126.8 | 40.32 | 122.9 | 39.46 | 119.0 | 38.31 | 110.4 | 36.46 |
|        | -5                | -5.6     | 143.1                     | 41.77 | 134.6 | 40.08 | 126.8 | 38.90 | 122.9 | 38.01 | 119.0 | 36.91 | 110.4 | 35.10 |
|        | -3                | -3.7     | 143.1                     | 40.18 | 134.6 | 38.60 | 126.8 | 37.48 | 122.9 | 36.56 | 119.0 | 35.49 | 110.4 | 33.72 |
|        | 0                 | -0.7     | 143.1                     | 37.79 | 134.6 | 36.37 | 126.8 | 35.35 | 122.9 | 34.39 | 119.0 | 33.38 | 110.4 | 31.66 |
|        | 3                 | 2.2      | 143.1                     | 35.39 | 134.6 | 34.16 | 126.8 | 33.21 | 122.9 | 32.23 | 119.0 | 31.27 | 110.4 | 29.58 |
|        | 5                 | 4.1      | 143.1                     | 33.79 | 134.6 | 32.68 | 126.8 | 31.79 | 122.9 | 30.78 | 119.0 | 29.86 | 110.4 | 28.20 |
|        | 7                 | 6        | 143.1                     | 32.20 | 134.6 | 31.21 | 126.8 | 30.37 | 122.9 | 29.34 | 119.0 | 28.47 | 110.4 | 26.84 |
|        | 9                 | 7.9      | 143.1                     | 30.69 | 134.6 | 29.74 | 126.8 | 28.94 | 122.9 | 27.95 | 119.0 | 27.12 | 110.4 | 25.58 |
|        | 11                | 9.8      | 143.1                     | 29.18 | 134.6 | 28.28 | 126.8 | 27.52 | 122.9 | 26.58 | 119.0 | 25.79 | 110.4 | 24.32 |
|        | 13                | 11.8     | 143.1                     | 27.68 | 134.6 | 26.82 | 126.8 | 26.11 | 122.9 | 25.21 | 119.0 | 24.46 | 110.4 | 23.06 |
|        | 15                | 13.7     | 143.1                     | 26.17 | 134.6 | 25.37 | 126.8 | 24.67 | 122.9 | 23.83 | 119.0 | 23.12 | 110.4 | 21.81 |
| 80     | -30               | -30.2    | 52.80                     | 42.61 | 52.80 | 43.23 | 52.50 | 43.67 | 52.50 | 43.15 | 52.50 | 49.18 | 51.50 | 47.14 |
|        | -24.8             | -25      | 88.10                     | 43.60 | 88.10 | 44.20 | 87.50 | 44.62 | 87.50 | 44.81 | 87.50 | 45.79 | 85.80 | 43.87 |
|        | -21.8             | -22      | 107.1                     | 44.17 | 107.1 | 44.75 | 107.1 | 45.17 | 107.1 | 45.76 | 106.1 | 43.44 | 98.70 | 39.85 |
|        | -19.8             | -20      | 113.4                     | 44.54 | 113.4 | 45.13 | 113.3 | 45.69 | 110.0 | 43.04 | 106.1 | 40.36 | 98.70 | 38.64 |
|        | -18.8             | -19      | 116.0                     | 44.73 | 116.0 | 45.73 | 113.4 | 44.04 | 110.0 | 41.51 | 106.1 | 39.75 | 98.70 | 38.07 |
|        | -16.7             | -17      | 119.6                     | 45.71 | 119.6 | 44.28 | 113.4 | 41.36 | 110.0 | 40.10 | 106.1 | 38.46 | 98.70 | 36.83 |
|        | -15               | -15.9    | 122.3                     | 44.64 | 120.8 | 43.17 | 113.4 | 40.37 | 110.0 | 39.12 | 106.1 | 37.53 | 98.70 | 35.93 |
|        | -13.7             | -15      | 125.0                     | 43.57 | 120.8 | 41.62 | 113.4 | 39.38 | 110.0 | 38.14 | 106.1 | 36.61 | 98.70 | 35.04 |
|        | -11.8             | -13      | 128.1                     | 42.21 | 120.8 | 39.75 | 113.4 | 38.13 | 110.0 | 36.92 | 106.1 | 35.44 | 98.70 | 33.92 |
|        | -9.8              | -11      | 128.2                     | 39.77 | 120.8 | 37.91 | 113.4 | 36.82 | 110.0 | 35.61 | 106.1 | 34.20 | 98.70 | 32.73 |
|        | -9.5              | -10      | 128.2                     | 39.27 | 120.8 | 37.48 | 113.4 | 36.62 | 110.0 | 35.42 | 106.1 | 34.02 | 98.70 | 32.56 |
|        | -8.5              | -9.1     | 128.2                     | 38.22 | 120.8 | 36.67 | 113.4 | 35.96 | 110.0 | 34.77 | 106.1 | 33.42 | 98.70 | 31.98 |
|        | -7                | -7.6     | 128.2                     | 36.82 | 120.8 | 35.68 | 113.4 | 34.98 | 110.0 | 33.79 | 106.1 | 32.50 | 98.70 | 31.08 |
|        | -5                | -5.6     | 128.2                     | 35.48 | 120.8 | 34.41 | 113.4 | 33.67 | 110.0 | 32.52 | 106.1 | 31.27 | 98.70 | 29.92 |
|        | -3                | -3.7     | 128.2                     | 34.15 | 120.8 | 33.11 | 113.4 | 32.38 | 110.0 | 31.23 | 106.1 | 30.06 | 98.70 | 28.74 |
|        | 0                 | -0.7     | 128.2                     | 32.14 | 120.8 | 31.19 | 113.4 | 30.44 | 110.0 | 29.31 | 106.1 | 28.24 | 98.70 | 27.00 |
|        | 3                 | 2.2      | 128.2                     | 30.14 | 120.8 | 29.25 | 113.4 | 28.48 | 110.0 | 27.37 | 106.1 | 26.43 | 98.70 | 25.25 |
|        | 5                 | 4.1      | 128.2                     | 28.81 | 120.8 | 27.97 | 113.4 | 27.19 | 110.0 | 26.09 | 106.1 | 25.21 | 98.70 | 24.08 |
|        | 7                 | 6        | 128.2                     | 27.47 | 120.8 | 26.67 | 113.4 | 25.89 | 110.0 | 24.82 | 106.1 | 23.99 | 98.70 | 22.91 |
|        | 9                 | 7.9      | 128.2                     | 25.80 | 120.8 | 25.05 | 113.4 | 24.31 | 110.0 | 23.30 | 106.1 | 22.53 | 98.70 | 21.52 |
|        | 11                | 9.8      | 128.2                     | 23.94 | 120.8 | 23.25 | 113.4 | 22.57 | 110.0 | 21.62 | 106.1 | 20.91 | 98.70 | 19.97 |
|        | 13                | 11.8     | 128.2                     | 22.35 | 120.8 | 21.70 | 113.4 | 21.07 | 110.0 | 20.19 | 106.1 | 19.52 | 98.70 | 18.64 |
|        | 15                | 13.7     | 128.2                     | 21.04 | 120.8 | 20.42 | 113.4 | 19.82 | 110.0 | 19.00 | 106.1 | 18.37 | 98.70 | 17.54 |
| 70     | -30               | -30.2    | 52.80                     | 42.63 | 52.80 | 42.85 | 52.50 | 43.24 | 52.50 | 48.51 | 52.50 | 46.18 | 51.50 | 44.07 |
|        | -24.8             | -25      | 88.10                     | 43.62 | 88.10 | 43.82 | 87.50 | 44.22 | 87.50 | 44.81 | 87.50 | 42.71 | 84.50 | 40.12 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 102.4                     | 44.19 | 102.4 | 44.38 | 96.60 | 42.50 | 93.30 | 40.50 | 90.40 | 38.62 | 84.50 | 36.82 |
|        | -19.8             | -20      | 108.7                     | 43.24 | 102.6 | 42.47 | 96.60 | 41.07 | 93.30 | 39.15 | 90.40 | 37.37 | 84.50 | 35.59 |
|        | -18.8             | -19      | 108.7                     | 42.47 | 102.6 | 41.76 | 96.60 | 40.37 | 93.30 | 38.47 | 90.40 | 36.72 | 84.50 | 34.98 |
|        | -16.7             | -17      | 108.7                     | 40.95 | 102.6 | 40.20 | 96.60 | 38.88 | 93.30 | 37.05 | 90.40 | 35.41 | 84.50 | 33.69 |
|        | -15               | -15.9    | 108.7                     | 39.87 | 102.6 | 39.11 | 96.60 | 37.81 | 93.30 | 36.04 | 90.40 | 34.46 | 84.50 | 32.78 |
|        | -13.7             | -15      | 108.7                     | 38.78 | 102.6 | 38.01 | 96.60 | 36.75 | 93.30 | 35.04 | 90.40 | 33.51 | 84.50 | 31.86 |
|        | -11.8             | -13      | 108.7                     | 37.40 | 102.6 | 36.63 | 96.60 | 35.41 | 93.30 | 33.75 | 90.40 | 32.31 | 84.50 | 30.71 |
|        | -9.8              | -11      | 108.7                     | 35.97 | 102.6 | 35.15 | 96.60 | 34.00 | 93.30 | 32.41 | 90.40 | 31.06 | 84.50 | 29.49 |
|        | -9.5              | -10      | 108.7                     | 35.75 | 102.6 | 34.93 | 96.60 | 33.78 | 93.30 | 32.20 | 90.40 | 30.87 | 84.50 | 29.31 |
|        | -8.5              | -9.1     | 108.7                     | 35.03 | 102.6 | 34.21 | 96.60 | 33.08 | 93.30 | 31.53 | 90.40 | 30.23 | 84.50 | 28.70 |
|        | -7                | -7.6     | 108.7                     | 33.94 | 102.6 | 33.12 | 96.60 | 32.03 | 93.30 | 30.53 | 90.40 | 29.29 | 84.50 | 27.78 |
|        | -5                | -5.6     | 108.7                     | 32.52 | 102.6 | 31.67 | 96.60 | 30.61 | 93.30 | 29.20 | 90.40 | 28.05 | 84.50 | 26.59 |
|        | -3                | -3.7     | 108.7                     | 31.10 | 102.6 | 30.23 | 96.60 | 29.22 | 93.30 | 27.87 | 90.40 | 26.80 | 84.50 | 25.38 |
|        | 0                 | -0.7     | 108.7                     | 28.96 | 102.6 | 28.06 | 96.60 | 27.13 | 93.30 | 25.88 | 90.40 | 24.94 | 84.50 | 23.58 |
|        | 3                 | 2.2      | 108.7                     | 26.82 | 102.6 | 25.90 | 96.60 | 25.03 | 93.30 | 23.89 | 90.40 | 23.08 | 84.50 | 21.77 |
|        | 5                 | 4.1      | 108.7                     | 25.40 | 102.6 | 24.45 | 96.60 | 23.65 | 93.30 | 22.57 | 90.40 | 21.83 | 84.50 | 20.57 |
|        | 7                 | 6        | 108.7                     | 23.97 | 102.6 | 23.01 | 96.60 | 22.23 | 93.30 | 21.24 | 90.40 | 20.60 | 84.50 | 19.36 |
|        | 9                 | 7.9      | 108.7                     | 21.66 | 102.6 | 20.78 | 96.60 | 20.08 | 93.30 | 19.18 | 90.40 | 18.60 | 84.50 | 17.48 |
|        | 11                | 9.8      | 108.7                     | 20.16 | 102.6 | 19.34 | 96.60 | 18.70 | 93.30 | 17.86 | 90.40 | 17.32 | 84.50 | 16.27 |
|        | 13                | 11.8     | 108.7                     | 18.86 | 102.6 | 18.10 | 96.60 | 17.49 | 93.30 | 16.71 | 90.40 | 16.20 | 84.50 | 15.24 |
|        | 15                | 13.7     | 108.7                     | 17.79 | 102.6 | 17.06 | 96.60 | 16.50 | 93.30 | 15.74 | 90.40 | 15.27 | 84.50 | 14.36 |
| 60     | -30               | -30.2    | 52.50                     | 42.25 | 52.50 | 42.64 | 52.10 | 48.25 | 50.60 | 45.70 | 48.80 | 43.35 | 45.80 | 41.23 |
|        | -24.8             | -25      | 87.40                     | 43.24 | 87.40 | 43.63 | 82.80 | 42.20 | 80.00 | 39.82 | 77.20 | 37.80 | 72.40 | 35.90 |
|        | -21.8             | -22      | 93.30                     | 43.50 | 88.20 | 41.95 | 82.80 | 39.79 | 80.00 | 37.77 | 77.20 | 35.87 | 72.40 | 34.03 |
|        | -19.8             | -20      | 93.30                     | 41.93 | 88.20 | 40.41 | 82.80 | 38.33 | 80.00 | 36.40 | 77.20 | 34.58 | 72.40 | 32.79 |
|        | -18.8             | -19      | 93.30                     | 41.15 | 88.20 | 39.64 | 82.80 | 37.62 | 80.00 | 35.73 | 77.20 | 33.94 | 72.40 | 32.16 |
|        | -16.7             | -17      | 93.30                     | 39.52 | 88.20 | 38.02 | 82.80 | 36.08 | 80.00 | 34.29 | 77.20 | 32.60 | 72.40 | 30.86 |
|        | -15               | -15.9    | 93.30                     | 38.36 | 88.20 | 36.87 | 82.80 | 34.99 | 80.00 | 33.27 | 77.20 | 31.63 | 72.40 | 29.94 |
|        | -13.7             | -15      | 93.30                     | 37.20 | 88.20 | 35.73 | 82.80 | 33.91 | 80.00 | 32.25 | 77.20 | 30.68 | 72.40 | 29.01 |
|        | -11.8             | -13      | 93.30                     | 35.73 | 88.20 | 34.26 | 82.80 | 32.52 | 80.00 | 30.95 | 77.20 | 29.46 | 72.40 | 27.83 |
|        | -9.8              | -11      | 93.30                     | 34.18 | 88.20 | 32.72 | 82.80 | 31.08 | 80.00 | 29.60 | 77.20 | 28.18 | 72.40 | 26.60 |
|        | -9.5              | -10      | 93.30                     | 33.95 | 88.20 | 32.49 | 82.80 | 30.87 | 80.00 | 29.39 | 77.20 | 27.98 | 72.40 | 26.41 |
|        | -8.5              | -9.1     | 93.30                     | 33.18 | 88.20 | 31.73 | 82.80 | 30.15 | 80.00 | 28.72 | 77.20 | 27.35 | 72.40 | 25.79 |
|        | -7                | -7.6     | 93.30                     | 32.03 | 88.20 | 30.59 | 82.80 | 29.06 | 80.00 | 27.70 | 77.20 | 26.40 | 72.40 | 24.86 |
|        | -5                | -5.6     | 93.30                     | 30.48 | 88.20 | 29.06 | 82.80 | 27.63 | 80.00 | 26.36 | 77.20 | 25.13 | 72.40 | 23.65 |
|        | -3                | -3.7     | 93.30                     | 28.97 | 88.20 | 27.55 | 82.80 | 26.19 | 80.00 | 25.01 | 77.20 | 23.86 | 72.40 | 22.42 |
|        | 0                 | -0.7     | 93.30                     | 26.66 | 88.20 | 25.27 | 82.80 | 24.05 | 80.00 | 22.99 | 77.20 | 21.96 | 72.40 | 20.59 |
|        | 3                 | 2.2      | 93.30                     | 24.36 | 88.20 | 22.99 | 82.80 | 21.89 | 80.00 | 20.98 | 77.20 | 20.07 | 72.40 | 18.75 |
|        | 5                 | 4.1      | 93.30                     | 22.84 | 88.20 | 21.48 | 82.80 | 20.47 | 80.00 | 19.64 | 77.20 | 18.81 | 72.40 | 17.53 |
|        | 7                 | 6        | 93.30                     | 21.31 | 88.20 | 19.95 | 82.80 | 19.04 | 80.00 | 18.28 | 77.20 | 17.54 | 72.40 | 16.31 |
|        | 9                 | 7.9      | 93.30                     | 19.02 | 88.20 | 17.82 | 82.80 | 16.97 | 80.00 | 16.32 | 77.20 | 15.65 | 72.40 | 14.55 |
|        | 11                | 9.8      | 93.30                     | 17.74 | 88.20 | 16.63 | 82.80 | 15.85 | 80.00 | 15.24 | 77.20 | 14.62 | 72.40 | 13.59 |
|        | 13                | 11.8     | 93.30                     | 16.63 | 88.20 | 15.57 | 82.80 | 14.86 | 80.00 | 14.28 | 77.20 | 13.69 | 72.40 | 12.73 |
|        | 15                | 13.7     | 93.30                     | 15.71 | 88.20 | 14.72 | 82.80 | 14.03 | 80.00 | 13.48 | 77.20 | 12.94 | 72.40 | 12.04 |
| 50     | -30               | -30.2    | 49.20                     | 36.67 | 46.40 | 41.75 | 43.60 | 39.53 | 42.20 | 37.49 | 40.80 | 35.49 | 38.00 | 33.75 |
|        | -24.8             | -25      | 77.80                     | 35.73 | 73.40 | 36.29 | 69.00 | 34.39 | 66.80 | 32.62 | 64.50 | 30.95 | 60.00 | 29.38 |
|        | -21.8             | -22      | 77.80                     | 36.27 | 73.40 | 34.38 | 69.00 | 32.60 | 66.80 | 30.92 | 64.50 | 29.36 | 60.00 | 27.85 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 77.80                     | 34.93 | 73.40 | 33.09 | 69.00 | 31.40 | 66.80 | 29.78 | 64.50 | 28.30 | 60.00 | 26.82 |
|        | -18.8             | -19      | 77.80                     | 34.26 | 73.40 | 32.45 | 69.00 | 30.81 | 66.80 | 29.23 | 64.50 | 27.77 | 60.00 | 26.33 |
|        | -16.7             | -17      | 77.80                     | 32.87 | 73.40 | 31.12 | 69.00 | 29.56 | 66.80 | 28.03 | 64.50 | 26.67 | 60.00 | 25.26 |
|        | -15               | -15.9    | 77.80                     | 31.87 | 73.40 | 30.15 | 69.00 | 28.66 | 66.80 | 27.18 | 64.50 | 25.88 | 60.00 | 24.50 |
|        | -13.7             | -15      | 77.80                     | 30.87 | 73.40 | 29.20 | 69.00 | 27.76 | 66.80 | 26.34 | 64.50 | 25.09 | 60.00 | 23.74 |
|        | -11.8             | -13      | 77.80                     | 29.61 | 73.40 | 28.00 | 69.00 | 26.64 | 66.80 | 25.27 | 64.50 | 24.09 | 60.00 | 22.78 |
|        | -9.8              | -11      | 77.80                     | 28.29 | 73.40 | 26.72 | 69.00 | 25.44 | 66.80 | 24.13 | 64.50 | 23.03 | 60.00 | 21.76 |
|        | -9.5              | -10      | 77.80                     | 28.08 | 73.40 | 26.54 | 69.00 | 25.26 | 66.80 | 23.97 | 64.50 | 22.89 | 60.00 | 21.61 |
|        | -8.5              | -9.1     | 77.80                     | 27.42 | 73.40 | 25.90 | 69.00 | 24.67 | 66.80 | 23.41 | 64.50 | 22.36 | 60.00 | 21.10 |
|        | -7                | -7.6     | 77.80                     | 26.42 | 73.40 | 24.95 | 69.00 | 23.78 | 66.80 | 22.57 | 64.50 | 21.57 | 60.00 | 20.35 |
|        | -5                | -5.6     | 77.80                     | 25.10 | 73.40 | 23.69 | 69.00 | 22.61 | 66.80 | 21.46 | 64.50 | 20.53 | 60.00 | 19.34 |
|        | -3                | -3.7     | 77.80                     | 23.80 | 73.40 | 22.43 | 69.00 | 21.42 | 66.80 | 20.33 | 64.50 | 19.49 | 60.00 | 18.35 |
|        | 0                 | -0.7     | 77.80                     | 21.83 | 73.40 | 20.52 | 69.00 | 19.65 | 66.80 | 18.66 | 64.50 | 17.94 | 60.00 | 16.84 |
|        | 3                 | 2.2      | 77.80                     | 19.85 | 73.40 | 18.65 | 69.00 | 17.90 | 66.80 | 16.98 | 64.50 | 16.38 | 60.00 | 15.34 |
|        | 5                 | 4.1      | 77.80                     | 18.54 | 73.40 | 17.39 | 69.00 | 16.72 | 66.80 | 15.87 | 64.50 | 15.34 | 60.00 | 14.34 |
|        | 7                 | 6        | 77.80                     | 17.23 | 73.40 | 16.13 | 69.00 | 15.54 | 66.80 | 14.75 | 64.50 | 14.29 | 60.00 | 13.35 |
|        | 9                 | 7.9      | 77.80                     | 15.56 | 73.40 | 14.56 | 69.00 | 14.03 | 66.80 | 13.33 | 64.50 | 12.91 | 60.00 | 12.05 |
|        | 11                | 9.8      | 77.80                     | 14.55 | 73.40 | 13.62 | 69.00 | 13.12 | 66.80 | 12.47 | 64.50 | 12.08 | 60.00 | 11.27 |
|        | 13                | 11.8     | 77.80                     | 13.66 | 73.40 | 12.80 | 69.00 | 12.32 | 66.80 | 11.71 | 64.50 | 11.34 | 60.00 | 10.59 |
|        | 15                | 13.7     | 77.80                     | 12.93 | 73.40 | 12.10 | 69.00 | 11.67 | 66.80 | 11.07 | 64.50 | 10.74 | 60.00 | 10.01 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM460LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 56.70                     | 51.23 | 56.70 | 51.53 | 56.30 | 51.79 | 56.30 | 52.18 | 56.30 | 52.58 | 55.30 | 53.21 |
|        | -24.8             | -25      | 94.50                     | 52.10 | 94.50 | 52.41 | 93.90 | 52.67 | 93.90 | 53.07 | 93.90 | 53.46 | 92.10 | 54.07 |
|        | -21.8             | -22      | 115.7                     | 52.60 | 115.7 | 52.91 | 115.0 | 53.17 | 115.0 | 53.58 | 115.0 | 53.97 | 112.7 | 54.57 |
|        | -19.8             | -20      | 122.5                     | 52.95 | 122.5 | 53.25 | 121.5 | 53.52 | 121.5 | 53.92 | 121.5 | 54.31 | 119.4 | 54.92 |
|        | -18.8             | -19      | 125.2                     | 53.11 | 125.2 | 53.42 | 124.3 | 53.68 | 124.3 | 54.09 | 124.3 | 54.47 | 122.0 | 55.09 |
|        | -16.7             | -17      | 130.9                     | 53.47 | 130.9 | 53.77 | 129.9 | 54.04 | 129.9 | 54.45 | 129.9 | 54.84 | 127.6 | 55.44 |
|        | -15               | -15.9    | 134.9                     | 53.72 | 134.9 | 54.03 | 134.0 | 54.29 | 134.0 | 54.70 | 134.0 | 55.09 | 131.4 | 54.38 |
|        | -13.7             | -15      | 139.0                     | 53.98 | 139.0 | 54.28 | 138.0 | 54.55 | 138.0 | 54.96 | 138.0 | 55.34 | 135.4 | 53.34 |
|        | -11.8             | -13      | 143.5                     | 54.31 | 143.5 | 54.61 | 142.6 | 54.87 | 142.6 | 55.28 | 142.6 | 53.94 | 140.5 | 52.00 |
|        | -9.8              | -11      | 148.3                     | 54.64 | 148.3 | 54.95 | 147.3 | 55.21 | 147.3 | 53.81 | 147.3 | 52.46 | 145.7 | 50.60 |
|        | -9.5              | -10      | 149.1                     | 54.71 | 149.1 | 55.00 | 148.2 | 54.98 | 148.2 | 53.58 | 148.1 | 52.25 | 146.5 | 50.38 |
|        | -8.5              | -9.1     | 152.0                     | 54.87 | 152.0 | 55.17 | 151.1 | 54.24 | 151.1 | 52.82 | 150.5 | 51.51 | 149.1 | 49.70 |
|        | -7                | -7.6     | 156.3                     | 55.12 | 156.3 | 54.09 | 155.3 | 53.11 | 155.3 | 51.72 | 155.3 | 50.39 | 153.1 | 48.65 |
|        | -5                | -5.6     | 162.0                     | 53.79 | 162.0 | 52.68 | 160.9 | 51.67 | 160.9 | 50.29 | 160.9 | 48.98 | 158.3 | 47.31 |
|        | -3                | -3.7     | 167.8                     | 52.46 | 167.8 | 51.29 | 166.6 | 50.22 | 166.6 | 48.86 | 166.6 | 47.57 | 163.4 | 45.91 |
|        | 0                 | -0.7     | 176.4                     | 50.45 | 176.4 | 49.20 | 175.2 | 48.06 | 175.2 | 46.74 | 175.2 | 45.46 | 163.5 | 41.91 |
|        | 3                 | 2.2      | 185.0                     | 48.46 | 185.0 | 47.08 | 183.8 | 45.89 | 182.1 | 44.19 | 175.6 | 41.41 | 163.5 | 39.82 |
|        | 5                 | 4.1      | 187.2                     | 46.27 | 187.2 | 44.88 | 186.6 | 43.77 | 182.1 | 41.49 | 175.6 | 39.77 | 163.5 | 38.55 |
|        | 7                 | 6        | 187.2                     | 43.65 | 187.2 | 42.24 | 186.6 | 41.15 | 182.1 | 39.61 | 175.6 | 38.43 | 163.5 | 37.28 |
|        | 9                 | 7.9      | 187.2                     | 42.38 | 187.2 | 41.01 | 186.6 | 39.82 | 182.1 | 38.66 | 175.6 | 37.52 | 163.5 | 36.39 |
| 120    | 11                | 9.8      | 187.2                     | 41.71 | 187.2 | 40.38 | 186.6 | 39.21 | 182.1 | 38.05 | 175.6 | 36.93 | 163.5 | 35.82 |
|        | 13                | 11.8     | 187.2                     | 41.01 | 187.2 | 39.67 | 186.6 | 38.53 | 182.1 | 37.40 | 175.6 | 36.29 | 163.5 | 35.20 |
|        | 15                | 13.7     | 187.2                     | 40.23 | 187.2 | 38.93 | 186.6 | 37.80 | 182.1 | 36.70 | 175.6 | 35.60 | 163.5 | 34.53 |
|        | -30               | -30.2    | 56.30                     | 51.53 | 56.30 | 51.79 | 56.00 | 52.18 | 56.00 | 52.58 | 56.00 | 53.21 | 54.90 | 53.61 |
|        | -24.8             | -25      | 93.80                     | 52.41 | 93.80 | 52.67 | 93.30 | 53.07 | 93.30 | 53.46 | 93.30 | 54.07 | 91.50 | 54.49 |
|        | -21.8             | -22      | 114.9                     | 52.91 | 114.9 | 53.17 | 114.2 | 53.58 | 114.2 | 53.97 | 114.2 | 54.57 | 112.0 | 55.00 |
|        | -19.8             | -20      | 121.5                     | 53.25 | 121.5 | 53.52 | 120.7 | 53.92 | 120.7 | 54.31 | 120.7 | 54.92 | 118.5 | 55.34 |
|        | -18.8             | -19      | 124.2                     | 53.42 | 124.2 | 53.68 | 123.4 | 54.09 | 123.4 | 54.47 | 123.4 | 55.09 | 121.1 | 55.51 |
|        | -16.7             | -17      | 129.8                     | 53.77 | 129.8 | 54.04 | 129.0 | 54.45 | 129.0 | 54.84 | 129.0 | 55.44 | 126.6 | 54.15 |
|        | -15               | -15.9    | 133.9                     | 54.03 | 133.9 | 54.29 | 133.0 | 54.70 | 133.0 | 55.09 | 133.0 | 54.42 | 130.5 | 53.17 |
|        | -13.7             | -15      | 137.9                     | 54.28 | 137.9 | 54.55 | 137.1 | 54.96 | 137.1 | 55.34 | 137.1 | 53.43 | 134.4 | 52.21 |
|        | -11.8             | -13      | 142.4                     | 54.61 | 142.4 | 54.87 | 141.5 | 55.28 | 141.5 | 53.93 | 141.5 | 52.14 | 139.5 | 50.98 |
|        | -9.8              | -11      | 147.2                     | 54.95 | 147.2 | 55.21 | 146.3 | 53.73 | 146.3 | 52.43 | 146.3 | 50.81 | 144.8 | 49.69 |
|        | -9.5              | -10      | 148.1                     | 55.00 | 148.1 | 54.97 | 147.2 | 53.51 | 147.2 | 52.22 | 147.2 | 50.60 | 145.5 | 49.49 |
|        | -8.5              | -9.1     | 151.0                     | 55.17 | 151.0 | 54.15 | 149.8 | 52.73 | 149.8 | 51.48 | 149.8 | 49.94 | 148.1 | 48.85 |
|        | -7                | -7.6     | 155.2                     | 53.97 | 155.2 | 52.94 | 154.2 | 51.57 | 154.2 | 50.35 | 154.2 | 48.94 | 152.0 | 47.89 |
|        | -5                | -5.6     | 160.9                     | 52.42 | 160.9 | 51.37 | 159.9 | 50.08 | 159.9 | 48.93 | 159.9 | 47.66 | 153.6 | 45.59 |
|        | -3                | -3.7     | 166.5                     | 50.88 | 166.5 | 49.82 | 165.5 | 48.59 | 165.5 | 47.51 | 165.3 | 46.35 | 153.6 | 43.08 |
|        | 0                 | -0.7     | 175.1                     | 48.57 | 175.1 | 47.47 | 173.9 | 46.37 | 170.6 | 44.51 | 165.3 | 42.27 | 153.6 | 41.34 |
| 110    | 3                 | 2.2      | 183.6                     | 46.26 | 183.6 | 45.13 | 176.5 | 42.69 | 170.6 | 41.01 | 165.3 | 40.36 | 153.6 | 39.59 |
|        | 5                 | 4.1      | 185.7                     | 43.87 | 183.8 | 42.29 | 176.5 | 40.47 | 170.6 | 39.65 | 165.3 | 39.15 | 153.6 | 38.43 |
|        | 7                 | 6        | 185.7                     | 41.10 | 183.8 | 39.84 | 176.5 | 39.05 | 170.6 | 38.30 | 165.3 | 37.95 | 153.6 | 37.26 |
|        | 9                 | 7.9      | 185.7                     | 39.86 | 183.8 | 38.78 | 176.5 | 38.02 | 170.6 | 37.30 | 165.3 | 36.95 | 153.6 | 36.28 |
|        | 11                | 9.8      | 185.7                     | 39.13 | 183.8 | 38.07 | 176.5 | 37.32 | 170.6 | 36.62 | 165.3 | 36.26 | 153.6 | 35.61 |
|        | 13                | 11.8     | 185.7                     | 38.34 | 183.8 | 37.30 | 176.5 | 36.57 | 170.6 | 35.87 | 165.3 | 35.53 | 153.6 | 34.90 |
|        | 15                | 13.7     | 185.7                     | 37.50 | 183.8 | 36.47 | 176.5 | 35.77 | 170.6 | 35.08 | 165.3 | 34.74 | 153.6 | 34.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 56.10                     | 51.79 | 56.10 | 52.18 | 55.70 | 52.58 | 55.70 | 53.21 | 55.70 | 53.61 | 54.60 | 53.84 |
|        | -24.8             | -25      | 93.40                     | 52.67 | 93.40 | 53.07 | 92.70 | 53.46 | 92.70 | 54.07 | 92.70 | 54.49 | 90.90 | 54.71 |
|        | -21.8             | -22      | 114.3                     | 53.17 | 114.3 | 53.58 | 113.4 | 53.97 | 113.4 | 54.57 | 113.4 | 55.00 | 111.4 | 55.20 |
|        | -19.8             | -20      | 120.9                     | 53.52 | 120.9 | 53.92 | 120.2 | 54.31 | 120.2 | 54.92 | 120.2 | 55.34 | 117.8 | 55.54 |
|        | -18.8             | -19      | 123.6                     | 53.68 | 123.6 | 54.09 | 122.8 | 54.47 | 122.8 | 55.09 | 122.8 | 55.51 | 120.5 | 54.82 |
|        | -16.7             | -17      | 129.2                     | 54.04 | 129.2 | 54.45 | 128.4 | 54.84 | 128.4 | 55.44 | 128.4 | 54.04 | 125.9 | 53.30 |
|        | -15               | -15.9    | 133.2                     | 54.29 | 133.2 | 54.70 | 132.4 | 55.09 | 132.4 | 54.32 | 132.4 | 52.98 | 131.1 | 52.21 |
|        | -13.7             | -15      | 137.1                     | 54.55 | 137.1 | 54.96 | 136.4 | 55.34 | 136.4 | 53.23 | 136.4 | 51.93 | 136.4 | 51.14 |
|        | -11.8             | -13      | 141.6                     | 54.87 | 141.6 | 55.28 | 140.8 | 53.79 | 140.8 | 51.81 | 140.8 | 50.59 | 138.2 | 48.85 |
|        | -9.8              | -11      | 146.3                     | 55.21 | 146.3 | 53.54 | 145.5 | 52.16 | 145.5 | 50.33 | 145.5 | 49.20 | 138.2 | 46.18 |
|        | -9.5              | -10      | 147.2                     | 54.93 | 147.2 | 53.27 | 146.3 | 51.90 | 146.3 | 50.11 | 146.3 | 48.99 | 138.2 | 45.65 |
|        | -8.5              | -9.1     | 150.0                     | 54.00 | 150.0 | 52.40 | 149.2 | 51.08 | 149.2 | 49.38 | 148.0 | 47.89 | 138.2 | 44.97 |
|        | -7                | -7.6     | 154.3                     | 52.59 | 154.3 | 51.09 | 153.4 | 49.86 | 153.2 | 48.23 | 148.0 | 45.59 | 138.2 | 43.96 |
|        | -5                | -5.6     | 160.0                     | 50.78 | 160.0 | 49.39 | 158.4 | 48.14 | 153.2 | 45.20 | 148.0 | 43.55 | 138.2 | 42.65 |
|        | -3                | -3.7     | 165.7                     | 48.96 | 165.7 | 47.72 | 158.4 | 44.94 | 153.2 | 43.10 | 148.0 | 42.27 | 138.2 | 41.34 |
|        | 0                 | -0.7     | 174.1                     | 46.24 | 168.8 | 43.81 | 158.4 | 42.08 | 153.2 | 41.10 | 148.0 | 40.38 | 138.2 | 39.39 |
|        | 3                 | 2.2      | 178.6                     | 42.56 | 168.8 | 40.47 | 158.4 | 39.84 | 153.2 | 39.09 | 148.0 | 38.47 | 138.2 | 37.42 |
|        | 5                 | 4.1      | 178.6                     | 39.57 | 168.8 | 38.87 | 158.4 | 38.35 | 153.2 | 37.74 | 148.0 | 37.20 | 138.2 | 36.13 |
|        | 7                 | 6        | 178.6                     | 37.84 | 168.8 | 37.28 | 158.4 | 36.86 | 153.2 | 36.41 | 148.0 | 35.95 | 138.2 | 34.82 |
|        | 9                 | 7.9      | 178.6                     | 36.68 | 168.8 | 36.12 | 158.4 | 35.72 | 153.2 | 35.28 | 148.0 | 34.82 | 138.2 | 33.76 |
| 100    | 11                | 9.8      | 178.6                     | 35.83 | 168.8 | 35.29 | 158.4 | 34.89 | 153.2 | 34.47 | 148.0 | 34.01 | 138.2 | 32.97 |
|        | 13                | 11.8     | 178.6                     | 34.91 | 168.8 | 34.39 | 158.4 | 33.99 | 153.2 | 33.58 | 148.0 | 33.16 | 138.2 | 32.14 |
|        | 15                | 13.7     | 178.6                     | 33.93 | 168.8 | 33.43 | 158.4 | 33.05 | 153.2 | 32.64 | 148.0 | 32.23 | 138.2 | 31.23 |
|        | -30               | -30.2    | 55.70                     | 59.07 | 55.70 | 58.76 | 55.40 | 50.82 | 55.40 | 58.01 | 55.40 | 56.37 | 54.30 | 57.52 |
|        | -24.8             | -25      | 92.90                     | 58.07 | 92.90 | 57.76 | 92.30 | 53.58 | 92.30 | 57.00 | 92.30 | 56.66 | 90.50 | 56.51 |
|        | -21.8             | -22      | 113.6                     | 57.49 | 113.6 | 57.19 | 113.0 | 55.18 | 113.0 | 56.42 | 113.0 | 56.84 | 110.8 | 55.93 |
|        | -19.8             | -20      | 120.4                     | 57.12 | 120.4 | 56.80 | 119.7 | 56.14 | 119.7 | 56.03 | 119.7 | 55.96 | 117.4 | 55.54 |
|        | -18.8             | -19      | 123.0                     | 56.93 | 122.3 | 56.61 | 122.3 | 56.31 | 122.3 | 55.84 | 122.3 | 55.51 | 119.9 | 54.66 |
|        | -16.7             | -17      | 127.9                     | 56.53 | 127.9 | 56.21 | 127.9 | 56.66 | 127.1 | 55.44 | 127.1 | 53.69 | 124.7 | 52.80 |
|        | -15               | -15.9    | 132.2                     | 56.24 | 132.2 | 55.92 | 131.7 | 56.00 | 131.4 | 54.11 | 131.4 | 52.38 | 126.3 | 50.42 |
|        | -13.7             | -15      | 136.5                     | 55.96 | 136.5 | 55.64 | 135.7 | 55.34 | 135.7 | 52.81 | 135.6 | 51.03 | 126.3 | 47.55 |
|        | -11.8             | -13      | 140.9                     | 55.59 | 140.2 | 55.28 | 140.2 | 53.60 | 140.2 | 51.14 | 135.6 | 47.82 | 126.3 | 45.98 |
|        | -9.8              | -11      | 145.6                     | 55.21 | 145.6 | 53.33 | 144.9 | 51.76 | 140.2 | 47.81 | 135.6 | 45.26 | 126.3 | 44.31 |
|        | -9.5              | -10      | 146.3                     | 54.91 | 146.3 | 53.04 | 144.9 | 51.18 | 140.2 | 47.29 | 135.6 | 45.01 | 126.3 | 44.05 |
|        | -8.5              | -9.1     | 149.2                     | 53.90 | 149.2 | 52.06 | 144.9 | 49.29 | 140.2 | 45.79 | 135.6 | 44.19 | 126.3 | 43.22 |
|        | -7                | -7.6     | 156.1                     | 52.38 | 154.1 | 50.20 | 144.9 | 46.64 | 140.2 | 44.55 | 135.6 | 42.97 | 126.3 | 41.98 |
|        | -5                | -5.6     | 162.8                     | 50.40 | 154.1 | 46.58 | 144.9 | 44.97 | 140.2 | 42.94 | 135.6 | 41.40 | 126.3 | 40.36 |
|        | -3                | -3.7     | 163.4                     | 47.27 | 154.1 | 44.42 | 144.9 | 43.29 | 140.2 | 41.34 | 135.6 | 39.82 | 126.3 | 38.75 |
|        | 0                 | -0.7     | 163.4                     | 43.15 | 154.1 | 41.74 | 144.9 | 40.76 | 140.2 | 38.95 | 135.6 | 37.44 | 126.3 | 36.34 |
| 90     | 3                 | 2.2      | 163.4                     | 40.36 | 154.1 | 39.06 | 144.9 | 38.24 | 140.2 | 36.55 | 135.6 | 35.08 | 126.3 | 33.91 |
|        | 5                 | 4.1      | 163.4                     | 38.51 | 154.1 | 37.28 | 144.9 | 36.55 | 140.2 | 34.96 | 135.6 | 33.50 | 126.3 | 32.31 |
|        | 7                 | 6        | 163.4                     | 36.64 | 154.1 | 35.48 | 144.9 | 34.87 | 140.2 | 33.36 | 135.6 | 31.92 | 126.3 | 30.69 |
|        | 9                 | 7.9      | 163.4                     | 35.35 | 154.1 | 34.24 | 144.9 | 33.64 | 140.2 | 32.19 | 135.6 | 30.80 | 126.3 | 29.62 |
|        | 11                | 9.8      | 163.4                     | 34.37 | 154.1 | 33.29 | 144.9 | 32.71 | 140.2 | 31.29 | 135.6 | 29.94 | 126.3 | 28.79 |
|        | 13                | 11.8     | 163.4                     | 33.33 | 154.1 | 32.27 | 144.9 | 31.71 | 140.2 | 30.34 | 135.6 | 29.03 | 126.3 | 27.91 |
|        | 15                | 13.7     | 163.4                     | 32.21 | 154.1 | 31.20 | 144.9 | 30.66 | 140.2 | 29.33 | 135.6 | 28.07 | 126.3 | 26.98 |
|        | -30               | -30.2    | 55.50                     | 50.94 | 55.50 | 51.52 | 55.20 | 51.97 | 55.20 | 52.15 | 55.20 | 52.55 | 54.20 | 58.24 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 92.50                     | 51.81 | 92.50 | 52.42 | 92.00 | 52.85 | 92.00 | 53.05 | 92.00 | 53.45 | 90.30 | 54.08 |
|        | -21.8             | -22      | 113.2                     | 52.32 | 113.2 | 52.93 | 112.6 | 53.35 | 112.6 | 53.56 | 112.6 | 53.97 | 110.4 | 51.70 |
|        | -19.8             | -20      | 119.9                     | 52.66 | 119.9 | 53.28 | 119.2 | 53.70 | 119.2 | 53.91 | 119.2 | 52.35 | 115.4 | 49.48 |
|        | -18.8             | -19      | 123.0                     | 52.84 | 122.3 | 53.45 | 121.7 | 53.88 | 121.7 | 53.08 | 121.7 | 51.53 | 115.4 | 47.66 |
|        | -16.7             | -17      | 127.9                     | 53.19 | 127.9 | 53.81 | 127.3 | 52.15 | 127.3 | 51.33 | 124.4 | 48.70 | 115.4 | 45.20 |
|        | -15               | -15.9    | 132.2                     | 53.45 | 132.2 | 52.53 | 131.2 | 50.93 | 128.4 | 49.01 | 124.4 | 46.81 | 115.4 | 44.07 |
|        | -13.7             | -15      | 136.5                     | 53.72 | 136.5 | 51.26 | 132.6 | 48.75 | 128.4 | 46.41 | 124.4 | 44.98 | 115.4 | 42.97 |
|        | -11.8             | -13      | 140.9                     | 51.98 | 140.2 | 49.66 | 132.6 | 45.72 | 128.4 | 44.84 | 124.4 | 43.55 | 115.4 | 41.54 |
|        | -9.8              | -11      | 145.6                     | 50.17 | 140.8 | 46.40 | 132.6 | 44.14 | 128.4 | 43.28 | 124.4 | 42.02 | 115.4 | 40.06 |
|        | -9.5              | -10      | 146.3                     | 49.89 | 140.8 | 45.93 | 132.6 | 43.92 | 128.4 | 43.04 | 124.4 | 41.78 | 115.4 | 39.83 |
|        | -8.5              | -9.1     | 149.2                     | 48.98 | 140.8 | 44.52 | 132.6 | 43.14 | 128.4 | 42.26 | 124.4 | 41.04 | 115.4 | 39.10 |
|        | -7                | -7.6     | 149.6                     | 45.66 | 140.8 | 43.28 | 132.6 | 42.00 | 128.4 | 41.09 | 124.4 | 39.90 | 115.4 | 37.98 |
|        | -5                | -5.6     | 149.6                     | 43.51 | 140.8 | 41.74 | 132.6 | 40.51 | 128.4 | 39.59 | 124.4 | 38.44 | 115.4 | 36.56 |
|        | -3                | -3.7     | 149.6                     | 41.84 | 140.8 | 40.20 | 132.6 | 39.04 | 128.4 | 38.08 | 124.4 | 36.96 | 115.4 | 35.12 |
|        | 0                 | -0.7     | 149.6                     | 39.36 | 140.8 | 37.89 | 132.6 | 36.81 | 128.4 | 35.82 | 124.4 | 34.76 | 115.4 | 32.98 |
|        | 3                 | 2.2      | 149.6                     | 36.86 | 140.8 | 35.58 | 132.6 | 34.59 | 128.4 | 33.57 | 124.4 | 32.57 | 115.4 | 30.81 |
|        | 5                 | 4.1      | 149.6                     | 35.20 | 140.8 | 34.04 | 132.6 | 33.10 | 128.4 | 32.06 | 124.4 | 31.10 | 115.4 | 29.38 |
|        | 7                 | 6        | 149.6                     | 33.53 | 140.8 | 32.50 | 132.6 | 31.63 | 128.4 | 30.55 | 124.4 | 29.65 | 115.4 | 27.94 |
|        | 9                 | 7.9      | 149.6                     | 31.96 | 140.8 | 30.97 | 132.6 | 30.14 | 128.4 | 29.12 | 124.4 | 28.25 | 115.4 | 26.65 |
|        | 11                | 9.8      | 149.6                     | 30.39 | 140.8 | 29.46 | 132.6 | 28.66 | 128.4 | 27.68 | 124.4 | 26.86 | 115.4 | 25.33 |
|        | 13                | 11.8     | 149.6                     | 28.83 | 140.8 | 27.93 | 132.6 | 27.19 | 128.4 | 26.26 | 124.4 | 25.47 | 115.4 | 24.03 |
|        | 15                | 13.7     | 149.6                     | 27.26 | 140.8 | 26.41 | 132.6 | 25.70 | 128.4 | 24.82 | 124.4 | 24.09 | 115.4 | 22.71 |
| 80     | -30               | -30.2    | 55.30                     | 44.81 | 55.30 | 45.47 | 54.90 | 45.91 | 54.90 | 45.38 | 54.90 | 51.68 | 53.90 | 49.55 |
|        | -24.8             | -25      | 92.20                     | 45.75 | 92.20 | 46.37 | 91.60 | 46.80 | 91.60 | 47.01 | 91.60 | 48.02 | 89.90 | 46.01 |
|        | -21.8             | -22      | 112.1                     | 46.29 | 112.1 | 46.89 | 112.1 | 47.32 | 112.1 | 47.93 | 110.9 | 45.44 | 103.1 | 41.72 |
|        | -19.8             | -20      | 118.7                     | 46.63 | 118.7 | 47.24 | 118.4 | 47.77 | 115.0 | 45.03 | 110.9 | 42.23 | 103.1 | 40.43 |
|        | -18.8             | -19      | 121.2                     | 46.81 | 121.2 | 47.85 | 118.5 | 46.07 | 115.0 | 43.40 | 110.9 | 41.56 | 103.1 | 39.81 |
|        | -16.7             | -17      | 125.0                     | 47.78 | 125.0 | 46.29 | 118.5 | 43.22 | 115.0 | 41.90 | 110.9 | 40.18 | 103.1 | 38.48 |
|        | -15               | -15.9    | 127.9                     | 46.63 | 126.3 | 45.11 | 118.5 | 42.15 | 115.0 | 40.85 | 110.9 | 39.18 | 103.1 | 37.52 |
|        | -13.7             | -15      | 130.7                     | 45.49 | 126.3 | 43.48 | 118.5 | 41.11 | 115.0 | 39.81 | 110.9 | 38.20 | 103.1 | 36.57 |
|        | -11.8             | -13      | 133.9                     | 44.04 | 126.3 | 41.48 | 118.5 | 39.77 | 115.0 | 38.50 | 110.9 | 36.96 | 103.1 | 35.37 |
|        | -9.8              | -11      | 134.0                     | 41.44 | 126.3 | 39.48 | 118.5 | 38.37 | 115.0 | 37.11 | 110.9 | 35.64 | 103.1 | 34.11 |
|        | -9.5              | -10      | 134.0                     | 40.92 | 126.3 | 39.04 | 118.5 | 38.16 | 115.0 | 36.90 | 110.9 | 35.44 | 103.1 | 33.93 |
|        | -8.5              | -9.1     | 134.0                     | 39.79 | 126.3 | 38.19 | 118.5 | 37.46 | 115.0 | 36.22 | 110.9 | 34.81 | 103.1 | 33.31 |
|        | -7                | -7.6     | 134.0                     | 38.33 | 126.3 | 37.14 | 118.5 | 36.42 | 115.0 | 35.18 | 110.9 | 33.83 | 103.1 | 32.36 |
|        | -5                | -5.6     | 134.0                     | 36.94 | 126.3 | 35.82 | 118.5 | 35.06 | 115.0 | 33.85 | 110.9 | 32.56 | 103.1 | 31.14 |
|        | -3                | -3.7     | 134.0                     | 35.55 | 126.3 | 34.47 | 118.5 | 33.70 | 115.0 | 32.52 | 110.9 | 31.30 | 103.1 | 29.93 |
|        | 0                 | -0.7     | 134.0                     | 33.46 | 126.3 | 32.47 | 118.5 | 31.69 | 115.0 | 30.51 | 110.9 | 29.40 | 103.1 | 28.11 |
|        | 3                 | 2.2      | 134.0                     | 31.38 | 126.3 | 30.45 | 118.5 | 29.65 | 115.0 | 28.50 | 110.9 | 27.51 | 103.1 | 26.28 |
|        | 5                 | 4.1      | 134.0                     | 29.99 | 126.3 | 29.12 | 118.5 | 28.31 | 115.0 | 27.16 | 110.9 | 26.24 | 103.1 | 25.07 |
|        | 7                 | 6        | 134.0                     | 28.61 | 126.3 | 27.77 | 118.5 | 26.96 | 115.0 | 25.84 | 110.9 | 24.98 | 103.1 | 23.85 |
|        | 9                 | 7.9      | 134.0                     | 26.86 | 126.3 | 26.08 | 118.5 | 25.31 | 115.0 | 24.25 | 110.9 | 23.45 | 103.1 | 22.40 |
|        | 11                | 9.8      | 134.0                     | 24.92 | 126.3 | 24.20 | 118.5 | 23.49 | 115.0 | 22.51 | 110.9 | 21.77 | 103.1 | 20.79 |
|        | 13                | 11.8     | 134.0                     | 23.27 | 126.3 | 22.59 | 118.5 | 21.93 | 115.0 | 21.02 | 110.9 | 20.32 | 103.1 | 19.41 |
|        | 15                | 13.7     | 134.0                     | 21.90 | 126.3 | 21.26 | 118.5 | 20.63 | 115.0 | 19.78 | 110.9 | 19.13 | 103.1 | 18.26 |
| 70     | -30               | -30.2    | 55.30                     | 44.82 | 55.30 | 45.00 | 54.90 | 45.43 | 54.90 | 50.95 | 54.90 | 48.52 | 53.90 | 46.29 |
|        | -24.8             | -25      | 92.20                     | 45.74 | 92.20 | 45.94 | 91.60 | 46.35 | 91.60 | 46.97 | 91.60 | 44.77 | 88.30 | 41.97 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 107.1                     | 46.27 | 107.1 | 46.48 | 101.0 | 44.47 | 97.50 | 42.38 | 94.60 | 40.41 | 88.30 | 38.53 |
|        | -19.8             | -20      | 113.7                     | 45.29 | 107.2 | 44.41 | 101.0 | 42.94 | 97.50 | 40.94 | 94.60 | 39.07 | 88.30 | 37.22 |
|        | -18.8             | -19      | 113.7                     | 44.39 | 107.2 | 43.64 | 101.0 | 42.19 | 97.50 | 40.21 | 94.60 | 38.39 | 88.30 | 36.57 |
|        | -16.7             | -17      | 113.7                     | 42.76 | 107.2 | 41.99 | 101.0 | 40.61 | 97.50 | 38.69 | 94.60 | 36.98 | 88.30 | 35.19 |
|        | -15               | -15.9    | 113.7                     | 41.60 | 107.2 | 40.82 | 101.0 | 39.47 | 97.50 | 37.62 | 94.60 | 35.97 | 88.30 | 34.21 |
|        | -13.7             | -15      | 113.7                     | 40.45 | 107.2 | 39.65 | 101.0 | 38.34 | 97.50 | 36.55 | 94.60 | 34.95 | 88.30 | 33.24 |
|        | -11.8             | -13      | 113.7                     | 38.99 | 107.2 | 38.18 | 101.0 | 36.92 | 97.50 | 35.18 | 94.60 | 33.68 | 88.30 | 32.02 |
|        | -9.8              | -11      | 113.7                     | 37.46 | 107.2 | 36.62 | 101.0 | 35.42 | 97.50 | 33.77 | 94.60 | 32.36 | 88.30 | 30.72 |
|        | -9.5              | -10      | 113.7                     | 37.23 | 107.2 | 36.38 | 101.0 | 35.19 | 97.50 | 33.55 | 94.60 | 32.16 | 88.30 | 30.53 |
|        | -8.5              | -9.1     | 113.7                     | 36.48 | 107.2 | 35.62 | 101.0 | 34.44 | 97.50 | 32.82 | 94.60 | 31.47 | 88.30 | 29.88 |
|        | -7                | -7.6     | 113.7                     | 35.32 | 107.2 | 34.46 | 101.0 | 33.33 | 97.50 | 31.77 | 94.60 | 30.48 | 88.30 | 28.91 |
|        | -5                | -5.6     | 113.7                     | 33.84 | 107.2 | 32.96 | 101.0 | 31.86 | 97.50 | 30.39 | 94.60 | 29.19 | 88.30 | 27.66 |
|        | -3                | -3.7     | 113.7                     | 32.36 | 107.2 | 31.45 | 101.0 | 30.41 | 97.50 | 29.01 | 94.60 | 27.89 | 88.30 | 26.41 |
|        | 0                 | -0.7     | 113.7                     | 30.13 | 107.2 | 29.20 | 101.0 | 28.23 | 97.50 | 26.93 | 94.60 | 25.96 | 88.30 | 24.53 |
|        | 3                 | 2.2      | 113.7                     | 27.91 | 107.2 | 26.95 | 101.0 | 26.05 | 97.50 | 24.86 | 94.60 | 24.02 | 88.30 | 22.65 |
|        | 5                 | 4.1      | 113.7                     | 26.43 | 107.2 | 25.45 | 101.0 | 24.60 | 97.50 | 23.48 | 94.60 | 22.72 | 88.30 | 21.40 |
|        | 7                 | 6        | 113.7                     | 24.95 | 107.2 | 23.95 | 101.0 | 23.13 | 97.50 | 22.10 | 94.60 | 21.43 | 88.30 | 20.14 |
|        | 9                 | 7.9      | 113.7                     | 22.53 | 107.2 | 21.62 | 101.0 | 20.90 | 97.50 | 19.96 | 94.60 | 19.36 | 88.30 | 18.18 |
|        | 11                | 9.8      | 113.7                     | 20.98 | 107.2 | 20.13 | 101.0 | 19.46 | 97.50 | 18.58 | 94.60 | 18.02 | 88.30 | 16.93 |
|        | 13                | 11.8     | 113.7                     | 19.62 | 107.2 | 18.83 | 101.0 | 18.20 | 97.50 | 17.39 | 94.60 | 16.85 | 88.30 | 15.85 |
|        | 15                | 13.7     | 113.7                     | 18.50 | 107.2 | 17.76 | 101.0 | 17.16 | 97.50 | 16.38 | 94.60 | 15.89 | 88.30 | 14.94 |
| 60     | -30               | -30.2    | 54.80                     | 44.40 | 54.80 | 44.82 | 54.50 | 50.66 | 52.90 | 47.99 | 51.00 | 45.55 | 47.80 | 43.28 |
|        | -24.8             | -25      | 91.40                     | 45.33 | 91.40 | 45.74 | 86.60 | 44.19 | 83.60 | 41.71 | 80.70 | 39.59 | 75.60 | 37.59 |
|        | -21.8             | -22      | 97.50                     | 45.52 | 92.20 | 43.89 | 86.60 | 41.62 | 83.60 | 39.52 | 80.70 | 37.52 | 75.60 | 35.59 |
|        | -19.8             | -20      | 97.50                     | 43.83 | 92.20 | 42.24 | 86.60 | 40.07 | 83.60 | 38.05 | 80.70 | 36.15 | 75.60 | 34.27 |
|        | -18.8             | -19      | 97.50                     | 43.01 | 92.20 | 41.42 | 86.60 | 39.30 | 83.60 | 37.32 | 80.70 | 35.46 | 75.60 | 33.61 |
|        | -16.7             | -17      | 97.50                     | 41.27 | 92.20 | 39.70 | 86.60 | 37.67 | 83.60 | 35.80 | 80.70 | 34.03 | 75.60 | 32.22 |
|        | -15               | -15.9    | 97.50                     | 40.02 | 92.20 | 38.47 | 86.60 | 36.51 | 83.60 | 34.71 | 80.70 | 33.00 | 75.60 | 31.24 |
|        | -13.7             | -15      | 97.50                     | 38.79 | 92.20 | 37.26 | 86.60 | 35.37 | 83.60 | 33.63 | 80.70 | 31.99 | 75.60 | 30.26 |
|        | -11.8             | -13      | 97.50                     | 37.23 | 92.20 | 35.70 | 86.60 | 33.90 | 83.60 | 32.25 | 80.70 | 30.71 | 75.60 | 29.00 |
|        | -9.8              | -11      | 97.50                     | 35.60 | 92.20 | 34.08 | 86.60 | 32.37 | 83.60 | 30.82 | 80.70 | 29.34 | 75.60 | 27.70 |
|        | -9.5              | -10      | 97.50                     | 35.35 | 92.20 | 33.84 | 86.60 | 32.14 | 83.60 | 30.60 | 80.70 | 29.14 | 75.60 | 27.50 |
|        | -8.5              | -9.1     | 97.50                     | 34.54 | 92.20 | 33.02 | 86.60 | 31.38 | 83.60 | 29.88 | 80.70 | 28.46 | 75.60 | 26.84 |
|        | -7                | -7.6     | 97.50                     | 33.31 | 92.20 | 31.82 | 86.60 | 30.23 | 83.60 | 28.81 | 80.70 | 27.46 | 75.60 | 25.86 |
|        | -5                | -5.6     | 97.50                     | 31.71 | 92.20 | 30.23 | 86.60 | 28.74 | 83.60 | 27.42 | 80.70 | 26.14 | 75.60 | 24.60 |
|        | -3                | -3.7     | 97.50                     | 30.13 | 92.20 | 28.65 | 86.60 | 27.24 | 83.60 | 26.02 | 80.70 | 24.82 | 75.60 | 23.32 |
|        | 0                 | -0.7     | 97.50                     | 27.73 | 92.20 | 26.29 | 86.60 | 25.02 | 83.60 | 23.91 | 80.70 | 22.84 | 75.60 | 21.42 |
|        | 3                 | 2.2      | 97.50                     | 25.34 | 92.20 | 23.91 | 86.60 | 22.78 | 83.60 | 21.82 | 80.70 | 20.88 | 75.60 | 19.50 |
|        | 5                 | 4.1      | 97.50                     | 23.76 | 92.20 | 22.34 | 86.60 | 21.29 | 83.60 | 20.43 | 80.70 | 19.56 | 75.60 | 18.24 |
|        | 7                 | 6        | 97.50                     | 22.16 | 92.20 | 20.76 | 86.60 | 19.79 | 83.60 | 19.02 | 80.70 | 18.25 | 75.60 | 16.97 |
|        | 9                 | 7.9      | 97.50                     | 19.78 | 92.20 | 18.53 | 86.60 | 17.66 | 83.60 | 16.97 | 80.70 | 16.28 | 75.60 | 15.13 |
|        | 11                | 9.8      | 97.50                     | 18.45 | 92.20 | 17.30 | 86.60 | 16.49 | 83.60 | 15.84 | 80.70 | 15.20 | 75.60 | 14.13 |
|        | 13                | 11.8     | 97.50                     | 17.30 | 92.20 | 16.20 | 86.60 | 15.45 | 83.60 | 14.84 | 80.70 | 14.24 | 75.60 | 13.25 |
|        | 15                | 13.7     | 97.50                     | 16.35 | 92.20 | 15.31 | 86.60 | 14.59 | 83.60 | 14.03 | 80.70 | 13.45 | 75.60 | 12.52 |
| 50     | -30               | -30.2    | 51.40                     | 38.48 | 48.50 | 43.82 | 45.60 | 41.48 | 44.10 | 39.33 | 42.70 | 37.25 | 39.70 | 35.41 |
|        | -24.8             | -25      | 81.30                     | 37.40 | 76.70 | 37.98 | 72.10 | 36.00 | 69.80 | 34.14 | 67.50 | 32.39 | 62.80 | 30.75 |
|        | -21.8             | -22      | 81.30                     | 37.92 | 76.70 | 35.94 | 72.10 | 34.08 | 69.80 | 32.33 | 67.50 | 30.69 | 62.80 | 29.12 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 81.30                     | 36.50 | 76.70 | 34.57 | 72.10 | 32.80 | 69.80 | 31.11 | 67.50 | 29.56 | 62.80 | 28.03 |
|        | -18.8             | -19      | 81.30                     | 35.78 | 76.70 | 33.89 | 72.10 | 32.16 | 69.80 | 30.52 | 67.50 | 29.00 | 62.80 | 27.49 |
|        | -16.7             | -17      | 81.30                     | 34.29 | 76.70 | 32.46 | 72.10 | 30.85 | 69.80 | 29.25 | 67.50 | 27.83 | 62.80 | 26.35 |
|        | -15               | -15.9    | 81.30                     | 33.23 | 76.70 | 31.44 | 72.10 | 29.88 | 69.80 | 28.35 | 67.50 | 26.99 | 62.80 | 25.55 |
|        | -13.7             | -15      | 81.30                     | 32.17 | 76.70 | 30.44 | 72.10 | 28.93 | 69.80 | 27.46 | 67.50 | 26.15 | 62.80 | 24.74 |
|        | -11.8             | -13      | 81.30                     | 30.85 | 76.70 | 29.15 | 72.10 | 27.74 | 69.80 | 26.32 | 67.50 | 25.09 | 62.80 | 23.72 |
|        | -9.8              | -11      | 81.30                     | 29.44 | 76.70 | 27.81 | 72.10 | 26.48 | 69.80 | 25.11 | 67.50 | 23.97 | 62.80 | 22.64 |
|        | -9.5              | -10      | 81.30                     | 29.22 | 76.70 | 27.61 | 72.10 | 26.29 | 69.80 | 24.94 | 67.50 | 23.81 | 62.80 | 22.49 |
|        | -8.5              | -9.1     | 81.30                     | 28.52 | 76.70 | 26.94 | 72.10 | 25.66 | 69.80 | 24.34 | 67.50 | 23.25 | 62.80 | 21.95 |
|        | -7                | -7.6     | 81.30                     | 27.48 | 76.70 | 25.93 | 72.10 | 24.72 | 69.80 | 23.47 | 67.50 | 22.43 | 62.80 | 21.15 |
|        | -5                | -5.6     | 81.30                     | 26.10 | 76.70 | 24.62 | 72.10 | 23.50 | 69.80 | 22.30 | 67.50 | 21.35 | 62.80 | 20.11 |
|        | -3                | -3.7     | 81.30                     | 24.74 | 76.70 | 23.31 | 72.10 | 22.27 | 69.80 | 21.14 | 67.50 | 20.27 | 62.80 | 19.08 |
|        | 0                 | -0.7     | 81.30                     | 22.69 | 76.70 | 21.34 | 72.10 | 20.43 | 69.80 | 19.39 | 67.50 | 18.65 | 62.80 | 17.51 |
|        | 3                 | 2.2      | 81.30                     | 20.64 | 76.70 | 19.39 | 72.10 | 18.61 | 69.80 | 17.66 | 67.50 | 17.03 | 62.80 | 15.95 |
|        | 5                 | 4.1      | 81.30                     | 19.28 | 76.70 | 18.07 | 72.10 | 17.37 | 69.80 | 16.50 | 67.50 | 15.95 | 62.80 | 14.91 |
|        | 7                 | 6        | 81.30                     | 17.91 | 76.70 | 16.77 | 72.10 | 16.15 | 69.80 | 15.34 | 67.50 | 14.86 | 62.80 | 13.87 |
|        | 9                 | 7.9      | 81.30                     | 16.17 | 76.70 | 15.14 | 72.10 | 14.59 | 69.80 | 13.86 | 67.50 | 13.42 | 62.80 | 12.52 |
|        | 11                | 9.8      | 81.30                     | 15.13 | 76.70 | 14.17 | 72.10 | 13.64 | 69.80 | 12.96 | 67.50 | 12.55 | 62.80 | 11.72 |
|        | 13                | 11.8     | 81.30                     | 14.21 | 76.70 | 13.30 | 72.10 | 12.81 | 69.80 | 12.18 | 67.50 | 11.80 | 62.80 | 11.01 |
|        | 15                | 13.7     | 81.30                     | 13.44 | 76.70 | 12.57 | 72.10 | 12.13 | 69.80 | 11.51 | 67.50 | 11.16 | 62.80 | 10.42 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM480LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 58.40                     | 53.74 | 58.40 | 54.18 | 58.00 | 54.56 | 58.00 | 55.12 | 58.00 | 55.70 | 57.00 | 56.64 |
|        | -24.8             | -25      | 97.40                     | 55.28 | 97.40 | 55.74 | 96.60 | 56.12 | 96.60 | 56.70 | 96.60 | 57.28 | 95.00 | 58.18 |
|        | -21.8             | -22      | 120.0                     | 56.18 | 120.0 | 56.64 | 119.2 | 57.02 | 119.2 | 57.62 | 119.2 | 58.20 | 116.8 | 59.08 |
|        | -19.8             | -20      | 127.4                     | 56.80 | 127.4 | 57.24 | 126.4 | 57.64 | 126.4 | 58.24 | 126.4 | 58.80 | 124.2 | 59.70 |
|        | -18.8             | -19      | 130.4                     | 57.10 | 130.4 | 57.56 | 129.4 | 57.94 | 129.4 | 58.54 | 129.4 | 59.10 | 127.0 | 60.00 |
|        | -16.7             | -17      | 136.4                     | 57.74 | 136.4 | 58.18 | 135.4 | 58.58 | 135.4 | 59.18 | 135.4 | 59.76 | 133.0 | 60.64 |
|        | -15               | -15.9    | 140.6                     | 58.20 | 140.6 | 58.66 | 139.8 | 59.04 | 139.8 | 59.64 | 139.8 | 60.22 | 137.0 | 59.56 |
|        | -13.7             | -15      | 145.0                     | 58.66 | 145.0 | 59.10 | 144.0 | 59.50 | 144.0 | 60.10 | 144.0 | 60.66 | 141.2 | 58.46 |
|        | -11.8             | -13      | 149.6                     | 59.24 | 149.6 | 59.68 | 148.8 | 60.06 | 148.8 | 60.68 | 148.8 | 59.20 | 146.6 | 57.08 |
|        | -9.8              | -11      | 154.6                     | 59.84 | 154.6 | 60.30 | 153.6 | 60.68 | 153.6 | 59.14 | 153.6 | 57.66 | 152.2 | 55.62 |
|        | -9.5              | -10      | 155.4                     | 59.96 | 155.4 | 60.38 | 154.6 | 60.44 | 154.6 | 58.90 | 154.4 | 57.44 | 153.0 | 55.38 |
|        | -8.5              | -9.1     | 158.4                     | 60.24 | 158.4 | 60.68 | 157.6 | 59.66 | 157.6 | 58.10 | 157.0 | 56.66 | 155.8 | 54.66 |
|        | -7                | -7.6     | 163.0                     | 60.70 | 163.0 | 59.56 | 161.8 | 58.48 | 161.8 | 56.96 | 161.8 | 55.48 | 160.0 | 53.58 |
|        | -5                | -5.6     | 169.0                     | 59.24 | 169.0 | 58.00 | 167.8 | 56.88 | 167.8 | 55.38 | 167.8 | 53.94 | 165.4 | 52.10 |
|        | -3                | -3.7     | 175.0                     | 57.76 | 175.0 | 56.48 | 173.8 | 55.30 | 173.8 | 53.80 | 173.8 | 52.38 | 170.6 | 50.50 |
|        | 0                 | -0.7     | 184.0                     | 55.56 | 184.0 | 54.18 | 182.6 | 52.92 | 182.6 | 51.46 | 182.6 | 50.06 | 170.6 | 46.00 |
|        | 3                 | 2.2      | 193.0                     | 53.36 | 193.0 | 51.84 | 191.6 | 50.54 | 190.0 | 48.68 | 183.2 | 45.62 | 170.6 | 43.86 |
|        | 5                 | 4.1      | 195.2                     | 50.96 | 195.2 | 49.44 | 194.6 | 48.20 | 190.0 | 45.70 | 183.2 | 43.80 | 170.6 | 42.46 |
|        | 7                 | 6        | 195.2                     | 48.08 | 195.2 | 46.52 | 194.6 | 45.32 | 190.0 | 43.64 | 183.2 | 42.34 | 170.6 | 41.06 |
|        | 9                 | 7.9      | 195.2                     | 46.68 | 195.2 | 45.18 | 194.6 | 43.86 | 190.0 | 42.60 | 183.2 | 41.34 | 170.6 | 40.08 |
| 120    | 11                | 9.8      | 195.2                     | 45.94 | 195.2 | 44.48 | 194.6 | 43.20 | 190.0 | 41.92 | 183.2 | 40.68 | 170.6 | 39.46 |
|        | 13                | 11.8     | 195.2                     | 45.18 | 195.2 | 43.70 | 194.6 | 42.44 | 190.0 | 41.20 | 183.2 | 39.98 | 170.6 | 38.78 |
|        | 15                | 13.7     | 195.2                     | 44.32 | 195.2 | 42.88 | 194.6 | 41.64 | 190.0 | 40.42 | 183.2 | 39.22 | 170.6 | 38.04 |
|        | -30               | -30.2    | 58.00                     | 54.18 | 58.00 | 54.56 | 57.60 | 55.12 | 57.60 | 55.70 | 57.60 | 56.64 | 56.60 | 57.22 |
|        | -24.8             | -25      | 96.60                     | 55.74 | 96.60 | 56.12 | 96.00 | 56.70 | 96.00 | 57.28 | 96.00 | 58.18 | 94.40 | 58.80 |
|        | -21.8             | -22      | 119.2                     | 56.64 | 119.2 | 57.02 | 118.4 | 57.62 | 118.4 | 58.20 | 118.4 | 59.08 | 116.2 | 59.72 |
|        | -19.8             | -20      | 126.4                     | 57.24 | 126.4 | 57.64 | 125.6 | 58.24 | 125.6 | 58.80 | 125.6 | 59.70 | 123.2 | 60.32 |
|        | -18.8             | -19      | 129.2                     | 57.56 | 129.2 | 57.94 | 128.4 | 58.54 | 128.4 | 59.10 | 128.4 | 60.00 | 126.0 | 60.62 |
|        | -16.7             | -17      | 135.2                     | 58.18 | 135.2 | 58.58 | 134.4 | 59.18 | 134.4 | 59.76 | 134.4 | 60.64 | 131.8 | 59.22 |
|        | -15               | -15.9    | 139.6                     | 58.66 | 139.6 | 59.04 | 138.6 | 59.64 | 138.6 | 60.22 | 138.6 | 59.60 | 136.0 | 58.22 |
|        | -13.7             | -15      | 143.8                     | 59.10 | 143.8 | 59.50 | 143.0 | 60.10 | 143.0 | 60.66 | 143.0 | 58.56 | 140.2 | 57.22 |
|        | -11.8             | -13      | 148.6                     | 59.68 | 148.6 | 60.06 | 147.6 | 60.68 | 147.6 | 59.18 | 147.6 | 57.22 | 145.6 | 55.96 |
|        | -9.8              | -11      | 153.4                     | 60.30 | 153.4 | 60.68 | 152.6 | 59.04 | 152.6 | 57.62 | 152.6 | 55.84 | 151.2 | 54.62 |
|        | -9.5              | -10      | 154.4                     | 60.38 | 154.4 | 60.42 | 153.4 | 58.82 | 153.4 | 57.40 | 153.4 | 55.62 | 152.0 | 54.40 |
|        | -8.5              | -9.1     | 157.4                     | 60.68 | 157.4 | 59.56 | 156.2 | 58.00 | 156.2 | 56.62 | 156.2 | 54.94 | 154.6 | 53.74 |
|        | -7                | -7.6     | 161.8                     | 59.42 | 161.8 | 58.28 | 160.8 | 56.78 | 160.8 | 55.44 | 160.8 | 53.90 | 158.8 | 52.74 |
|        | -5                | -5.6     | 167.8                     | 57.72 | 167.8 | 56.56 | 166.8 | 55.14 | 166.8 | 53.88 | 166.8 | 52.48 | 160.2 | 50.08 |
|        | -3                | -3.7     | 173.6                     | 56.02 | 173.6 | 54.86 | 172.6 | 53.50 | 172.6 | 52.32 | 172.4 | 51.06 | 160.2 | 47.46 |
|        | 0                 | -0.7     | 182.6                     | 53.48 | 182.6 | 52.28 | 181.4 | 51.06 | 178.0 | 49.02 | 172.4 | 46.56 | 160.2 | 45.54 |
|        | 3                 | 2.2      | 191.4                     | 50.94 | 191.4 | 49.70 | 184.0 | 47.00 | 178.0 | 45.18 | 172.4 | 44.46 | 160.2 | 43.62 |
|        | 5                 | 4.1      | 193.8                     | 48.34 | 191.8 | 46.60 | 184.0 | 44.58 | 178.0 | 43.68 | 172.4 | 43.12 | 160.2 | 42.34 |
|        | 7                 | 6        | 193.8                     | 45.30 | 191.8 | 43.88 | 184.0 | 43.02 | 178.0 | 42.18 | 172.4 | 41.80 | 160.2 | 41.04 |
|        | 9                 | 7.9      | 193.8                     | 43.90 | 191.8 | 42.72 | 184.0 | 41.88 | 178.0 | 41.08 | 172.4 | 40.70 | 160.2 | 39.96 |
|        | 11                | 9.8      | 193.8                     | 43.10 | 191.8 | 41.94 | 184.0 | 41.10 | 178.0 | 40.34 | 172.4 | 39.94 | 160.2 | 39.22 |
|        | 13                | 11.8     | 193.8                     | 42.24 | 191.8 | 41.08 | 184.0 | 40.28 | 178.0 | 39.52 | 172.4 | 39.14 | 160.2 | 38.46 |
|        | 15                | 13.7     | 193.8                     | 41.32 | 191.8 | 40.18 | 184.0 | 39.40 | 178.0 | 38.64 | 172.4 | 38.26 | 160.2 | 37.60 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 57.80                     | 54.56 | 57.80 | 55.12 | 57.40 | 55.70 | 57.40 | 56.64 | 57.40 | 57.22 | 56.20 | 57.56 |
|        | -24.8             | -25      | 96.20                     | 56.12 | 96.20 | 56.70 | 95.60 | 57.28 | 95.60 | 58.18 | 95.60 | 58.80 | 93.60 | 59.12 |
|        | -21.8             | -22      | 118.6                     | 57.02 | 118.6 | 57.62 | 117.6 | 58.20 | 117.6 | 59.08 | 117.6 | 59.72 | 115.6 | 60.00 |
|        | -19.8             | -20      | 125.8                     | 57.64 | 125.8 | 58.24 | 125.0 | 58.80 | 125.0 | 59.70 | 125.0 | 60.32 | 122.6 | 60.62 |
|        | -18.8             | -19      | 128.6                     | 57.94 | 128.6 | 58.54 | 127.8 | 59.10 | 127.8 | 60.00 | 127.8 | 60.62 | 125.4 | 59.88 |
|        | -16.7             | -17      | 134.6                     | 58.58 | 134.6 | 59.18 | 133.8 | 59.76 | 133.8 | 60.64 | 133.8 | 59.12 | 131.2 | 58.30 |
|        | -15               | -15.9    | 138.8                     | 59.04 | 138.8 | 59.64 | 138.0 | 60.22 | 138.0 | 59.48 | 138.0 | 58.02 | 136.6 | 57.18 |
|        | -13.7             | -15      | 143.0                     | 59.50 | 143.0 | 60.10 | 142.2 | 60.66 | 142.2 | 58.34 | 142.2 | 56.92 | 142.2 | 56.06 |
|        | -11.8             | -13      | 147.6                     | 60.06 | 147.6 | 60.68 | 146.8 | 59.04 | 146.8 | 56.86 | 146.8 | 55.52 | 144.2 | 53.64 |
|        | -9.8              | -11      | 152.6                     | 60.68 | 152.6 | 58.84 | 151.8 | 57.32 | 151.8 | 55.32 | 151.8 | 54.08 | 144.2 | 50.70 |
|        | -9.5              | -10      | 153.4                     | 60.38 | 153.4 | 58.56 | 152.6 | 57.04 | 152.6 | 55.08 | 152.6 | 53.86 | 144.2 | 50.20 |
|        | -8.5              | -9.1     | 156.4                     | 59.40 | 156.4 | 57.64 | 155.6 | 56.18 | 155.6 | 54.32 | 154.4 | 52.68 | 144.2 | 49.48 |
|        | -7                | -7.6     | 161.0                     | 57.90 | 161.0 | 56.26 | 160.0 | 54.90 | 159.8 | 53.14 | 154.4 | 50.22 | 144.2 | 48.42 |
|        | -5                | -5.6     | 166.8                     | 55.92 | 166.8 | 54.38 | 165.2 | 53.00 | 159.8 | 49.80 | 154.4 | 47.98 | 144.2 | 46.98 |
|        | -3                | -3.7     | 172.8                     | 53.92 | 172.8 | 52.54 | 165.2 | 49.48 | 159.8 | 47.48 | 154.4 | 46.56 | 144.2 | 45.54 |
|        | 0                 | -0.7     | 181.6                     | 50.92 | 176.2 | 48.28 | 165.2 | 46.36 | 159.8 | 45.28 | 154.4 | 44.48 | 144.2 | 43.40 |
|        | 3                 | 2.2      | 186.4                     | 46.92 | 176.2 | 44.58 | 165.2 | 43.88 | 159.8 | 43.06 | 154.4 | 42.38 | 144.2 | 41.22 |
|        | 5                 | 4.1      | 186.4                     | 43.58 | 176.2 | 42.82 | 165.2 | 42.26 | 159.8 | 41.58 | 154.4 | 40.98 | 144.2 | 39.80 |
|        | 7                 | 6        | 186.4                     | 41.68 | 176.2 | 41.06 | 165.2 | 40.60 | 159.8 | 40.10 | 154.4 | 39.60 | 144.2 | 38.36 |
|        | 9                 | 7.9      | 186.4                     | 40.40 | 176.2 | 39.80 | 165.2 | 39.34 | 159.8 | 38.86 | 154.4 | 38.36 | 144.2 | 37.18 |
|        | 11                | 9.8      | 186.4                     | 39.48 | 176.2 | 38.88 | 165.2 | 38.44 | 159.8 | 37.96 | 154.4 | 37.46 | 144.2 | 36.32 |
|        | 13                | 11.8     | 186.4                     | 38.46 | 176.2 | 37.88 | 165.2 | 37.44 | 159.8 | 37.00 | 154.4 | 36.52 | 144.2 | 35.40 |
|        | 15                | 13.7     | 186.4                     | 37.38 | 176.2 | 36.82 | 165.2 | 36.40 | 159.8 | 35.96 | 154.4 | 35.50 | 144.2 | 34.40 |
| 100    | -30               | -30.2    | 57.40                     | 62.86 | 57.40 | 62.64 | 57.20 | 54.72 | 57.20 | 62.08 | 57.20 | 60.36 | 56.00 | 61.74 |
|        | -24.8             | -25      | 95.80                     | 62.30 | 95.80 | 62.08 | 95.20 | 57.90 | 95.20 | 61.52 | 95.20 | 61.28 | 93.20 | 61.18 |
|        | -21.8             | -22      | 117.8                     | 61.96 | 117.8 | 61.76 | 117.2 | 59.76 | 117.2 | 61.20 | 117.2 | 61.82 | 114.8 | 60.84 |
|        | -19.8             | -20      | 125.2                     | 61.76 | 125.2 | 61.52 | 124.6 | 60.90 | 124.6 | 60.98 | 124.6 | 61.04 | 122.2 | 60.62 |
|        | -18.8             | -19      | 128.0                     | 61.66 | 127.4 | 61.42 | 127.4 | 61.20 | 127.4 | 60.86 | 127.4 | 60.62 | 124.8 | 59.70 |
|        | -16.7             | -17      | 133.2                     | 61.44 | 133.2 | 61.20 | 133.2 | 61.84 | 132.4 | 60.64 | 132.4 | 58.72 | 130.0 | 57.76 |
|        | -15               | -15.9    | 137.8                     | 61.28 | 137.8 | 61.04 | 137.2 | 61.26 | 137.0 | 59.26 | 137.0 | 57.36 | 131.8 | 55.26 |
|        | -13.7             | -15      | 142.4                     | 61.12 | 142.4 | 60.88 | 141.4 | 60.66 | 141.4 | 57.88 | 141.4 | 55.94 | 131.8 | 52.14 |
|        | -11.8             | -13      | 147.0                     | 60.90 | 146.2 | 60.68 | 146.2 | 58.82 | 146.2 | 56.12 | 141.4 | 52.46 | 131.8 | 50.48 |
|        | -9.8              | -11      | 151.8                     | 60.68 | 151.8 | 58.62 | 151.2 | 56.88 | 146.2 | 52.54 | 141.4 | 49.76 | 131.8 | 48.72 |
|        | -9.5              | -10      | 152.6                     | 60.36 | 152.6 | 58.30 | 151.2 | 56.28 | 146.2 | 51.98 | 141.4 | 49.50 | 131.8 | 48.44 |
|        | -8.5              | -9.1     | 155.6                     | 59.30 | 155.6 | 57.26 | 151.2 | 54.22 | 146.2 | 50.38 | 141.4 | 48.64 | 131.8 | 47.56 |
|        | -7                | -7.6     | 162.8                     | 57.68 | 160.8 | 55.32 | 151.2 | 51.38 | 146.2 | 49.08 | 141.4 | 47.34 | 131.8 | 46.24 |
|        | -5                | -5.6     | 169.8                     | 55.50 | 160.8 | 51.36 | 151.2 | 49.54 | 146.2 | 47.30 | 141.4 | 45.60 | 131.8 | 44.46 |
|        | -3                | -3.7     | 170.4                     | 52.06 | 160.8 | 48.94 | 151.2 | 47.68 | 146.2 | 45.54 | 141.4 | 43.86 | 131.8 | 42.68 |
|        | 0                 | -0.7     | 170.4                     | 47.54 | 160.8 | 45.98 | 151.2 | 44.90 | 146.2 | 42.90 | 141.4 | 41.24 | 131.8 | 40.02 |
|        | 3                 | 2.2      | 170.4                     | 44.46 | 160.8 | 43.02 | 151.2 | 42.12 | 146.2 | 40.26 | 141.4 | 38.64 | 131.8 | 37.36 |
|        | 5                 | 4.1      | 170.4                     | 42.42 | 160.8 | 41.06 | 151.2 | 40.26 | 146.2 | 38.52 | 141.4 | 36.90 | 131.8 | 35.60 |
|        | 7                 | 6        | 170.4                     | 40.36 | 160.8 | 39.08 | 151.2 | 38.44 | 146.2 | 36.76 | 141.4 | 35.16 | 131.8 | 33.82 |
|        | 9                 | 7.9      | 170.4                     | 38.94 | 160.8 | 37.72 | 151.2 | 37.06 | 146.2 | 35.46 | 141.4 | 33.94 | 131.8 | 32.62 |
|        | 11                | 9.8      | 170.4                     | 37.86 | 160.8 | 36.68 | 151.2 | 36.04 | 146.2 | 34.46 | 141.4 | 32.98 | 131.8 | 31.72 |
|        | 13                | 11.8     | 170.4                     | 36.72 | 160.8 | 35.54 | 151.2 | 34.94 | 146.2 | 33.42 | 141.4 | 31.98 | 131.8 | 30.74 |
|        | 15                | 13.7     | 170.4                     | 35.48 | 160.8 | 34.36 | 151.2 | 33.78 | 146.2 | 32.30 | 141.4 | 30.92 | 131.8 | 29.72 |
| 90     | -30               | -30.2    | 57.20                     | 53.84 | 57.20 | 54.68 | 56.80 | 55.36 | 56.80 | 55.60 | 56.80 | 56.22 | 55.80 | 62.98 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 95.40                     | 55.40 | 95.40 | 56.28 | 94.80 | 56.92 | 94.80 | 57.20 | 94.80 | 57.80 | 93.00 | 58.72 |
|        | -21.8             | -22      | 117.4                     | 56.30 | 117.4 | 57.20 | 116.8 | 57.82 | 116.8 | 58.12 | 116.8 | 58.72 | 114.4 | 56.26 |
|        | -19.8             | -20      | 124.8                     | 56.90 | 124.8 | 57.82 | 124.0 | 58.44 | 124.0 | 58.74 | 124.0 | 57.04 | 120.4 | 54.10 |
|        | -18.8             | -19      | 128.0                     | 57.22 | 127.4 | 58.12 | 126.6 | 58.74 | 126.6 | 57.88 | 126.6 | 56.20 | 120.4 | 52.10 |
|        | -16.7             | -17      | 133.2                     | 57.86 | 133.2 | 58.76 | 132.6 | 56.96 | 132.6 | 56.06 | 129.8 | 53.24 | 120.4 | 49.40 |
|        | -15               | -15.9    | 137.8                     | 58.32 | 137.8 | 57.44 | 136.8 | 55.70 | 134.0 | 53.64 | 129.8 | 51.22 | 120.4 | 48.22 |
|        | -13.7             | -15      | 142.4                     | 58.78 | 142.4 | 56.10 | 138.4 | 53.36 | 134.0 | 50.82 | 129.8 | 49.26 | 120.4 | 47.06 |
|        | -11.8             | -13      | 147.0                     | 56.96 | 146.2 | 54.44 | 138.4 | 50.16 | 134.0 | 49.18 | 129.8 | 47.76 | 120.4 | 45.56 |
|        | -9.8              | -11      | 151.8                     | 55.06 | 146.8 | 50.96 | 138.4 | 48.48 | 134.0 | 47.52 | 129.8 | 46.16 | 120.4 | 44.00 |
|        | -9.5              | -10      | 152.6                     | 54.76 | 146.8 | 50.42 | 138.4 | 48.24 | 134.0 | 47.28 | 129.8 | 45.90 | 120.4 | 43.76 |
|        | -8.5              | -9.1     | 155.6                     | 53.82 | 146.8 | 48.94 | 138.4 | 47.42 | 134.0 | 46.46 | 129.8 | 45.12 | 120.4 | 42.98 |
|        | -7                | -7.6     | 156.0                     | 50.22 | 146.8 | 47.62 | 138.4 | 46.22 | 134.0 | 45.22 | 129.8 | 43.92 | 120.4 | 41.80 |
|        | -5                | -5.6     | 156.0                     | 47.88 | 146.8 | 45.94 | 138.4 | 44.60 | 134.0 | 43.58 | 129.8 | 42.32 | 120.4 | 40.24 |
|        | -3                | -3.7     | 156.0                     | 46.06 | 146.8 | 44.26 | 138.4 | 42.98 | 134.0 | 41.92 | 129.8 | 40.70 | 120.4 | 38.68 |
|        | 0                 | -0.7     | 156.0                     | 43.34 | 146.8 | 41.72 | 138.4 | 40.54 | 134.0 | 39.44 | 129.8 | 38.28 | 120.4 | 36.32 |
|        | 3                 | 2.2      | 156.0                     | 40.60 | 146.8 | 39.18 | 138.4 | 38.10 | 134.0 | 36.98 | 129.8 | 35.88 | 120.4 | 33.94 |
|        | 5                 | 4.1      | 156.0                     | 38.78 | 146.8 | 37.50 | 138.4 | 36.48 | 134.0 | 35.32 | 129.8 | 34.26 | 120.4 | 32.36 |
|        | 7                 | 6        | 156.0                     | 36.96 | 146.8 | 35.82 | 138.4 | 34.86 | 134.0 | 33.68 | 129.8 | 32.68 | 120.4 | 30.80 |
|        | 9                 | 7.9      | 156.0                     | 35.24 | 146.8 | 34.14 | 138.4 | 33.22 | 134.0 | 32.10 | 129.8 | 31.14 | 120.4 | 29.38 |
|        | 11                | 9.8      | 156.0                     | 33.52 | 146.8 | 32.48 | 138.4 | 31.60 | 134.0 | 30.52 | 129.8 | 29.62 | 120.4 | 27.92 |
|        | 13                | 11.8     | 156.0                     | 31.80 | 146.8 | 30.80 | 138.4 | 30.00 | 134.0 | 28.96 | 129.8 | 28.10 | 120.4 | 26.50 |
|        | 15                | 13.7     | 156.0                     | 30.08 | 146.8 | 29.16 | 138.4 | 28.36 | 134.0 | 27.40 | 129.8 | 26.58 | 120.4 | 25.06 |
| 80     | -30               | -30.2    | 57.00                     | 47.24 | 57.00 | 48.18 | 56.60 | 48.82 | 56.60 | 48.06 | 56.60 | 55.92 | 55.60 | 53.62 |
|        | -24.8             | -25      | 95.00                     | 48.84 | 95.00 | 49.74 | 94.40 | 50.38 | 94.40 | 50.68 | 94.40 | 52.16 | 92.60 | 49.98 |
|        | -21.8             | -22      | 116.2                     | 49.76 | 116.2 | 50.64 | 116.2 | 51.28 | 116.2 | 52.18 | 115.8 | 49.80 | 107.6 | 45.44 |
|        | -19.8             | -20      | 123.4                     | 50.36 | 123.4 | 51.26 | 123.4 | 52.18 | 120.0 | 49.24 | 115.8 | 46.06 | 107.6 | 44.10 |
|        | -18.8             | -19      | 126.2                     | 50.66 | 126.2 | 52.20 | 123.6 | 50.36 | 120.0 | 47.42 | 115.8 | 45.36 | 107.6 | 43.46 |
|        | -16.7             | -17      | 130.4                     | 52.20 | 130.4 | 50.58 | 123.6 | 47.24 | 120.0 | 45.80 | 115.8 | 43.94 | 107.6 | 42.08 |
|        | -15               | -15.9    | 133.4                     | 51.02 | 131.8 | 49.38 | 123.6 | 46.14 | 120.0 | 44.72 | 115.8 | 42.90 | 107.6 | 41.08 |
|        | -13.7             | -15      | 136.4                     | 49.82 | 131.8 | 47.64 | 123.6 | 45.04 | 120.0 | 43.62 | 115.8 | 41.86 | 107.6 | 40.08 |
|        | -11.8             | -13      | 139.6                     | 48.30 | 131.8 | 45.54 | 123.6 | 43.64 | 120.0 | 42.24 | 115.8 | 40.56 | 107.6 | 38.82 |
|        | -9.8              | -11      | 139.8                     | 45.58 | 131.8 | 43.44 | 123.6 | 42.16 | 120.0 | 40.78 | 115.8 | 39.16 | 107.6 | 37.48 |
|        | -9.5              | -10      | 139.8                     | 45.00 | 131.8 | 42.94 | 123.6 | 41.94 | 120.0 | 40.56 | 115.8 | 38.96 | 107.6 | 37.30 |
|        | -8.5              | -9.1     | 139.8                     | 43.78 | 131.8 | 42.00 | 123.6 | 41.20 | 120.0 | 39.84 | 115.8 | 38.30 | 107.6 | 36.64 |
|        | -7                | -7.6     | 139.8                     | 42.20 | 131.8 | 40.90 | 123.6 | 40.10 | 120.0 | 38.74 | 115.8 | 37.26 | 107.6 | 35.64 |
|        | -5                | -5.6     | 139.8                     | 40.68 | 131.8 | 39.44 | 123.6 | 38.60 | 120.0 | 37.28 | 115.8 | 35.86 | 107.6 | 34.30 |
|        | -3                | -3.7     | 139.8                     | 39.16 | 131.8 | 37.96 | 123.6 | 37.12 | 120.0 | 35.82 | 115.8 | 34.48 | 107.6 | 32.96 |
|        | 0                 | -0.7     | 139.8                     | 36.86 | 131.8 | 35.78 | 123.6 | 34.92 | 120.0 | 33.62 | 115.8 | 32.40 | 107.6 | 30.98 |
|        | 3                 | 2.2      | 139.8                     | 34.58 | 131.8 | 33.56 | 123.6 | 32.68 | 120.0 | 31.40 | 115.8 | 30.32 | 107.6 | 28.96 |
|        | 5                 | 4.1      | 139.8                     | 33.06 | 131.8 | 32.10 | 123.6 | 31.20 | 120.0 | 29.94 | 115.8 | 28.92 | 107.6 | 27.64 |
|        | 7                 | 6        | 139.8                     | 31.54 | 131.8 | 30.62 | 123.6 | 29.72 | 120.0 | 28.50 | 115.8 | 27.54 | 107.6 | 26.30 |
|        | 9                 | 7.9      | 139.8                     | 29.62 | 131.8 | 28.76 | 123.6 | 27.90 | 120.0 | 26.74 | 115.8 | 25.86 | 107.6 | 24.70 |
|        | 11                | 9.8      | 139.8                     | 27.48 | 131.8 | 26.68 | 123.6 | 25.90 | 120.0 | 24.82 | 115.8 | 24.00 | 107.6 | 22.92 |
|        | 13                | 11.8     | 139.8                     | 25.66 | 131.8 | 24.90 | 123.6 | 24.18 | 120.0 | 23.18 | 115.8 | 22.40 | 107.6 | 21.40 |
|        | 15                | 13.7     | 139.8                     | 24.14 | 131.8 | 23.44 | 123.6 | 22.74 | 120.0 | 21.80 | 115.8 | 21.08 | 107.6 | 20.14 |
| 70     | -30               | -30.2    | 57.00                     | 47.64 | 57.00 | 47.94 | 56.60 | 48.54 | 56.60 | 55.18 | 56.60 | 52.52 | 55.60 | 50.12 |
|        | -24.8             | -25      | 95.00                     | 49.24 | 95.00 | 49.54 | 94.40 | 50.14 | 94.40 | 51.06 | 94.40 | 48.66 | 92.20 | 46.18 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 111.6                     | 50.16 | 111.6 | 50.46 | 105.4 | 48.46 | 101.8 | 46.18 | 98.60 | 44.04 | 92.20 | 42.00 |
|        | -19.8             | -20      | 118.6                     | 49.02 | 111.8 | 48.46 | 105.4 | 46.86 | 101.8 | 44.68 | 98.60 | 42.64 | 92.20 | 40.62 |
|        | -18.8             | -19      | 118.6                     | 48.48 | 111.8 | 47.66 | 105.4 | 46.08 | 101.8 | 43.92 | 98.60 | 41.92 | 92.20 | 39.94 |
|        | -16.7             | -17      | 118.6                     | 46.76 | 111.8 | 45.92 | 105.4 | 44.42 | 101.8 | 42.32 | 98.60 | 40.46 | 92.20 | 38.50 |
|        | -15               | -15.9    | 118.6                     | 45.56 | 111.8 | 44.70 | 105.4 | 43.22 | 101.8 | 41.20 | 98.60 | 39.40 | 92.20 | 37.48 |
|        | -13.7             | -15      | 118.6                     | 44.34 | 111.8 | 43.46 | 105.4 | 42.02 | 101.8 | 40.08 | 98.60 | 38.32 | 92.20 | 36.44 |
|        | -11.8             | -13      | 118.6                     | 42.80 | 111.8 | 41.92 | 105.4 | 40.52 | 101.8 | 38.62 | 98.60 | 36.98 | 92.20 | 35.16 |
|        | -9.8              | -11      | 118.6                     | 41.18 | 111.8 | 40.26 | 105.4 | 38.94 | 101.8 | 37.12 | 98.60 | 35.58 | 92.20 | 33.78 |
|        | -9.5              | -10      | 118.6                     | 40.94 | 111.8 | 40.00 | 105.4 | 38.70 | 101.8 | 36.88 | 98.60 | 35.36 | 92.20 | 33.58 |
|        | -8.5              | -9.1     | 118.6                     | 40.14 | 111.8 | 39.20 | 105.4 | 37.90 | 101.8 | 36.12 | 98.60 | 34.64 | 92.20 | 32.88 |
|        | -7                | -7.6     | 118.6                     | 38.90 | 111.8 | 37.96 | 105.4 | 36.72 | 101.8 | 35.00 | 98.60 | 33.58 | 92.20 | 31.86 |
|        | -5                | -5.6     | 118.6                     | 37.28 | 111.8 | 36.32 | 105.4 | 35.10 | 101.8 | 33.48 | 98.60 | 32.16 | 92.20 | 30.48 |
|        | -3                | -3.7     | 118.6                     | 35.66 | 111.8 | 34.66 | 105.4 | 33.50 | 101.8 | 31.96 | 98.60 | 30.74 | 92.20 | 29.10 |
|        | 0                 | -0.7     | 118.6                     | 33.22 | 111.8 | 32.18 | 105.4 | 31.12 | 101.8 | 29.68 | 98.60 | 28.62 | 92.20 | 27.04 |
|        | 3                 | 2.2      | 118.6                     | 30.78 | 111.8 | 29.72 | 105.4 | 28.72 | 101.8 | 27.42 | 98.60 | 26.48 | 92.20 | 24.98 |
|        | 5                 | 4.1      | 118.6                     | 29.14 | 111.8 | 28.06 | 105.4 | 27.14 | 101.8 | 25.90 | 98.60 | 25.06 | 92.20 | 23.60 |
|        | 7                 | 6        | 118.6                     | 27.52 | 111.8 | 26.42 | 105.4 | 25.52 | 101.8 | 24.38 | 98.60 | 23.64 | 92.20 | 22.22 |
|        | 9                 | 7.9      | 118.6                     | 24.86 | 111.8 | 23.84 | 105.4 | 23.06 | 101.8 | 22.02 | 98.60 | 21.36 | 92.20 | 20.06 |
|        | 11                | 9.8      | 118.6                     | 23.14 | 111.8 | 22.20 | 105.4 | 21.46 | 101.8 | 20.50 | 98.60 | 19.88 | 92.20 | 18.68 |
|        | 13                | 11.8     | 118.6                     | 21.64 | 111.8 | 20.78 | 105.4 | 20.08 | 101.8 | 19.18 | 98.60 | 18.60 | 92.20 | 17.50 |
|        | 15                | 13.7     | 118.6                     | 20.42 | 111.8 | 19.58 | 105.4 | 18.94 | 101.8 | 18.06 | 98.60 | 17.54 | 92.20 | 16.48 |
| 60     | -30               | -30.2    | 57.00                     | 47.14 | 57.00 | 47.74 | 56.60 | 54.70 | 55.20 | 51.82 | 53.20 | 49.18 | 50.00 | 46.76 |
|        | -24.8             | -25      | 95.00                     | 48.74 | 95.00 | 49.34 | 90.40 | 48.12 | 87.20 | 45.24 | 84.20 | 42.96 | 79.00 | 40.80 |
|        | -21.8             | -22      | 101.8                     | 49.38 | 96.20 | 47.70 | 90.40 | 45.24 | 87.20 | 42.96 | 84.20 | 40.80 | 79.00 | 38.72 |
|        | -19.8             | -20      | 101.8                     | 47.70 | 96.20 | 45.98 | 90.40 | 43.62 | 87.20 | 41.44 | 84.20 | 39.38 | 79.00 | 37.34 |
|        | -18.8             | -19      | 101.8                     | 46.84 | 96.20 | 45.12 | 90.40 | 42.82 | 87.20 | 40.68 | 84.20 | 38.66 | 79.00 | 36.64 |
|        | -16.7             | -17      | 101.8                     | 45.02 | 96.20 | 43.32 | 90.40 | 41.12 | 87.20 | 39.08 | 84.20 | 37.16 | 79.00 | 35.18 |
|        | -15               | -15.9    | 101.8                     | 43.72 | 96.20 | 42.04 | 90.40 | 39.90 | 87.20 | 37.94 | 84.20 | 36.08 | 79.00 | 34.16 |
|        | -13.7             | -15      | 101.8                     | 42.42 | 96.20 | 40.76 | 90.40 | 38.70 | 87.20 | 36.80 | 84.20 | 35.02 | 79.00 | 33.12 |
|        | -11.8             | -13      | 101.8                     | 40.78 | 96.20 | 39.12 | 90.40 | 37.14 | 87.20 | 35.34 | 84.20 | 33.66 | 79.00 | 31.80 |
|        | -9.8              | -11      | 101.8                     | 39.06 | 96.20 | 37.40 | 90.40 | 35.52 | 87.20 | 33.84 | 84.20 | 32.22 | 79.00 | 30.42 |
|        | -9.5              | -10      | 101.8                     | 38.80 | 96.20 | 37.14 | 90.40 | 35.28 | 87.20 | 33.60 | 84.20 | 32.00 | 79.00 | 30.20 |
|        | -8.5              | -9.1     | 101.8                     | 37.94 | 96.20 | 36.28 | 90.40 | 34.48 | 87.20 | 32.84 | 84.20 | 31.28 | 79.00 | 29.50 |
|        | -7                | -7.6     | 101.8                     | 36.64 | 96.20 | 35.00 | 90.40 | 33.26 | 87.20 | 31.70 | 84.20 | 30.22 | 79.00 | 28.46 |
|        | -5                | -5.6     | 101.8                     | 34.88 | 96.20 | 33.26 | 90.40 | 31.62 | 87.20 | 30.18 | 84.20 | 28.78 | 79.00 | 27.08 |
|        | -3                | -3.7     | 101.8                     | 33.16 | 96.20 | 31.54 | 90.40 | 29.98 | 87.20 | 28.64 | 84.20 | 27.34 | 79.00 | 25.68 |
|        | 0                 | -0.7     | 101.8                     | 30.54 | 96.20 | 28.96 | 90.40 | 27.56 | 87.20 | 26.34 | 84.20 | 25.16 | 79.00 | 23.60 |
|        | 3                 | 2.2      | 101.8                     | 27.92 | 96.20 | 26.36 | 90.40 | 25.10 | 87.20 | 24.06 | 84.20 | 23.02 | 79.00 | 21.50 |
|        | 5                 | 4.1      | 101.8                     | 26.20 | 96.20 | 24.64 | 90.40 | 23.48 | 87.20 | 22.54 | 84.20 | 21.58 | 79.00 | 20.12 |
|        | 7                 | 6        | 101.8                     | 24.46 | 96.20 | 22.90 | 90.40 | 21.86 | 87.20 | 20.98 | 84.20 | 20.14 | 79.00 | 18.72 |
|        | 9                 | 7.9      | 101.8                     | 21.84 | 96.20 | 20.46 | 90.40 | 19.48 | 87.20 | 18.72 | 84.20 | 17.96 | 79.00 | 16.70 |
|        | 11                | 9.8      | 101.8                     | 20.36 | 96.20 | 19.10 | 90.40 | 18.20 | 87.20 | 17.48 | 84.20 | 16.78 | 79.00 | 15.60 |
|        | 13                | 11.8     | 101.8                     | 19.10 | 96.20 | 17.88 | 90.40 | 17.06 | 87.20 | 16.38 | 84.20 | 15.72 | 79.00 | 14.62 |
|        | 15                | 13.7     | 101.8                     | 18.04 | 96.20 | 16.90 | 90.40 | 16.10 | 87.20 | 15.48 | 84.20 | 14.84 | 79.00 | 13.82 |
| 50     | -30               | -30.2    | 53.60                     | 41.06 | 50.60 | 47.50 | 47.60 | 44.96 | 46.00 | 42.64 | 44.60 | 40.36 | 41.40 | 38.38 |
|        | -24.8             | -25      | 84.80                     | 40.48 | 80.00 | 41.34 | 75.20 | 39.18 | 72.80 | 37.16 | 70.40 | 35.26 | 65.40 | 33.48 |
|        | -21.8             | -22      | 84.80                     | 41.36 | 80.00 | 39.20 | 75.20 | 37.18 | 72.80 | 35.26 | 70.40 | 33.48 | 65.40 | 31.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 84.80                     | 39.86 | 80.00 | 37.76 | 75.20 | 35.84 | 72.80 | 33.98 | 70.40 | 32.30 | 65.40 | 30.62 |
|        | -18.8             | -19      | 84.80                     | 39.10 | 80.00 | 37.04 | 75.20 | 35.16 | 72.80 | 33.38 | 70.40 | 31.70 | 65.40 | 30.06 |
|        | -16.7             | -17      | 84.80                     | 37.54 | 80.00 | 35.54 | 75.20 | 33.78 | 72.80 | 32.04 | 70.40 | 30.48 | 65.40 | 28.86 |
|        | -15               | -15.9    | 84.80                     | 36.42 | 80.00 | 34.46 | 75.20 | 32.76 | 72.80 | 31.08 | 70.40 | 29.60 | 65.40 | 28.02 |
|        | -13.7             | -15      | 84.80                     | 35.30 | 80.00 | 33.40 | 75.20 | 31.76 | 72.80 | 30.14 | 70.40 | 28.70 | 65.40 | 27.16 |
|        | -11.8             | -13      | 84.80                     | 33.90 | 80.00 | 32.04 | 75.20 | 30.48 | 72.80 | 28.92 | 70.40 | 27.58 | 65.40 | 26.08 |
|        | -9.8              | -11      | 84.80                     | 32.40 | 80.00 | 30.60 | 75.20 | 29.14 | 72.80 | 27.64 | 70.40 | 26.38 | 65.40 | 24.92 |
|        | -9.5              | -10      | 84.80                     | 32.16 | 80.00 | 30.40 | 75.20 | 28.94 | 72.80 | 27.46 | 70.40 | 26.22 | 65.40 | 24.76 |
|        | -8.5              | -9.1     | 84.80                     | 31.40 | 80.00 | 29.68 | 75.20 | 28.26 | 72.80 | 26.82 | 70.40 | 25.62 | 65.40 | 24.18 |
|        | -7                | -7.6     | 84.80                     | 30.30 | 80.00 | 28.60 | 75.20 | 27.26 | 72.80 | 25.88 | 70.40 | 24.74 | 65.40 | 23.34 |
|        | -5                | -5.6     | 84.80                     | 28.78 | 80.00 | 27.16 | 75.20 | 25.92 | 72.80 | 24.60 | 70.40 | 23.54 | 65.40 | 22.18 |
|        | -3                | -3.7     | 84.80                     | 27.28 | 80.00 | 25.72 | 75.20 | 24.56 | 72.80 | 23.32 | 70.40 | 22.36 | 65.40 | 21.06 |
|        | 0                 | -0.7     | 84.80                     | 25.04 | 80.00 | 23.54 | 75.20 | 22.54 | 72.80 | 21.40 | 70.40 | 20.58 | 65.40 | 19.32 |
|        | 3                 | 2.2      | 84.80                     | 22.78 | 80.00 | 21.40 | 75.20 | 20.54 | 72.80 | 19.48 | 70.40 | 18.80 | 65.40 | 17.60 |
|        | 5                 | 4.1      | 84.80                     | 21.28 | 80.00 | 19.96 | 75.20 | 19.18 | 72.80 | 18.22 | 70.40 | 17.60 | 65.40 | 16.46 |
|        | 7                 | 6        | 84.80                     | 19.78 | 80.00 | 18.52 | 75.20 | 17.84 | 72.80 | 16.94 | 70.40 | 16.40 | 65.40 | 15.32 |
|        | 9                 | 7.9      | 84.80                     | 17.86 | 80.00 | 16.72 | 75.20 | 16.10 | 72.80 | 15.30 | 70.40 | 14.82 | 65.40 | 13.82 |
|        | 11                | 9.8      | 84.80                     | 16.70 | 80.00 | 15.64 | 75.20 | 15.06 | 72.80 | 14.32 | 70.40 | 13.86 | 65.40 | 12.94 |
|        | 13                | 11.8     | 84.80                     | 15.68 | 80.00 | 14.70 | 75.20 | 14.14 | 72.80 | 13.44 | 70.40 | 13.02 | 65.40 | 12.16 |
|        | 15                | 13.7     | 84.80                     | 14.84 | 80.00 | 13.88 | 75.20 | 13.40 | 72.80 | 12.72 | 70.40 | 12.32 | 65.40 | 11.50 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM500LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 63.90                     | 50.90 | 63.90 | 51.30 | 63.40 | 51.67 | 63.40 | 52.22 | 63.40 | 52.78 | 62.50 | 53.60 |
|        | -24.8             | -25      | 106.4                     | 52.17 | 106.4 | 52.57 | 105.7 | 52.94 | 105.7 | 53.49 | 105.7 | 54.03 | 104.2 | 54.85 |
|        | -21.8             | -22      | 127.5                     | 52.90 | 127.5 | 53.31 | 126.7 | 53.68 | 126.7 | 54.22 | 126.7 | 54.75 | 124.7 | 55.57 |
|        | -19.8             | -20      | 133.6                     | 53.39 | 133.6 | 53.80 | 132.7 | 54.15 | 132.7 | 54.71 | 132.7 | 55.22 | 130.6 | 56.05 |
|        | -18.8             | -19      | 136.4                     | 53.62 | 136.4 | 54.04 | 135.5 | 54.39 | 135.5 | 54.94 | 135.5 | 55.46 | 133.4 | 56.29 |
|        | -16.7             | -17      | 142.4                     | 54.14 | 142.4 | 54.54 | 141.4 | 54.90 | 141.4 | 55.44 | 141.4 | 55.95 | 139.2 | 56.79 |
|        | -15               | -15.9    | 146.7                     | 54.48 | 146.7 | 54.89 | 145.7 | 55.25 | 145.7 | 55.79 | 145.7 | 56.31 | 143.5 | 55.57 |
|        | -13.7             | -15      | 151.0                     | 54.85 | 151.0 | 55.25 | 150.1 | 55.61 | 150.1 | 56.15 | 150.1 | 56.68 | 147.7 | 54.37 |
|        | -11.8             | -13      | 155.9                     | 55.30 | 155.9 | 55.70 | 154.9 | 56.06 | 154.9 | 56.62 | 154.9 | 55.04 | 152.9 | 52.83 |
|        | -9.8              | -11      | 161.1                     | 55.77 | 161.1 | 56.19 | 160.0 | 56.54 | 160.0 | 54.87 | 160.0 | 53.34 | 158.1 | 51.25 |
|        | -9.5              | -10      | 162.0                     | 55.86 | 162.0 | 56.25 | 161.1 | 56.27 | 161.1 | 54.59 | 160.8 | 53.09 | 158.9 | 51.00 |
|        | -8.5              | -9.1     | 165.3                     | 56.09 | 165.3 | 56.50 | 164.3 | 55.36 | 164.3 | 53.74 | 163.3 | 52.23 | 161.7 | 50.21 |
|        | -7                | -7.6     | 170.4                     | 56.44 | 170.4 | 55.15 | 169.3 | 54.02 | 169.3 | 52.41 | 169.3 | 50.95 | 166.4 | 49.00 |
|        | -5                | -5.6     | 177.0                     | 54.75 | 177.0 | 53.45 | 175.9 | 52.30 | 175.9 | 50.74 | 175.9 | 49.31 | 171.8 | 47.48 |
|        | -3                | -3.7     | 183.8                     | 53.04 | 183.8 | 51.72 | 182.5 | 50.55 | 182.5 | 49.05 | 182.5 | 47.67 | 176.4 | 45.70 |
|        | 0                 | -0.7     | 193.5                     | 50.51 | 193.5 | 49.16 | 192.5 | 47.95 | 192.3 | 46.49 | 190.6 | 44.76 | 177.8 | 41.84 |
|        | 3                 | 2.2      | 201.8                     | 47.53 | 201.8 | 46.15 | 200.6 | 44.96 | 197.9 | 43.07 | 191.0 | 40.67 | 177.8 | 39.11 |
|        | 5                 | 4.1      | 203.6                     | 44.92 | 203.6 | 43.53 | 203.0 | 42.45 | 197.9 | 40.42 | 191.0 | 38.88 | 177.8 | 37.66 |
|        | 7                 | 6        | 203.6                     | 42.30 | 203.6 | 40.95 | 203.0 | 39.87 | 197.9 | 38.48 | 191.0 | 37.33 | 177.8 | 36.22 |
|        | 9                 | 7.9      | 203.6                     | 40.85 | 203.6 | 39.52 | 203.0 | 38.38 | 197.9 | 37.25 | 191.0 | 36.16 | 177.8 | 35.07 |
| 120    | 11                | 9.8      | 203.6                     | 39.86 | 203.6 | 38.56 | 203.0 | 37.46 | 197.9 | 36.36 | 191.0 | 35.29 | 177.8 | 34.23 |
|        | 13                | 11.8     | 203.6                     | 38.79 | 203.6 | 37.55 | 203.0 | 36.45 | 197.9 | 35.40 | 191.0 | 34.36 | 177.8 | 33.33 |
|        | 15                | 13.7     | 203.6                     | 37.68 | 203.6 | 36.46 | 203.0 | 35.40 | 197.9 | 34.39 | 191.0 | 33.36 | 177.8 | 32.35 |
|        | -30               | -30.2    | 63.40                     | 51.30 | 63.40 | 51.67 | 63.00 | 52.22 | 63.00 | 52.78 | 63.00 | 53.60 | 62.00 | 54.21 |
|        | -24.8             | -25      | 105.7                     | 52.57 | 105.7 | 52.94 | 105.0 | 53.49 | 105.0 | 54.03 | 105.0 | 54.85 | 103.3 | 55.44 |
|        | -21.8             | -22      | 126.7                     | 53.31 | 126.7 | 53.68 | 125.8 | 54.22 | 125.8 | 54.75 | 125.8 | 55.57 | 123.9 | 56.14 |
|        | -19.8             | -20      | 132.6                     | 53.80 | 132.6 | 54.15 | 131.7 | 54.71 | 131.7 | 55.22 | 131.7 | 56.05 | 129.7 | 56.61 |
|        | -18.8             | -19      | 135.4                     | 54.04 | 135.4 | 54.39 | 134.5 | 54.94 | 134.5 | 55.46 | 134.5 | 56.29 | 132.6 | 56.86 |
|        | -16.7             | -17      | 141.4                     | 54.54 | 141.4 | 54.90 | 140.5 | 55.44 | 140.5 | 55.95 | 140.5 | 56.79 | 138.2 | 55.29 |
|        | -15               | -15.9    | 145.6                     | 54.89 | 145.6 | 55.25 | 144.7 | 55.79 | 144.7 | 56.31 | 144.7 | 55.62 | 142.4 | 54.18 |
|        | -13.7             | -15      | 149.8                     | 55.25 | 149.8 | 55.61 | 148.9 | 56.15 | 148.9 | 56.68 | 148.9 | 54.45 | 146.7 | 53.08 |
|        | -11.8             | -13      | 154.8                     | 55.70 | 154.8 | 56.06 | 153.6 | 56.62 | 153.6 | 55.03 | 153.6 | 52.99 | 151.8 | 51.66 |
|        | -9.8              | -11      | 159.7                     | 56.19 | 159.7 | 56.54 | 158.8 | 54.80 | 158.8 | 53.31 | 158.8 | 51.44 | 157.1 | 50.20 |
|        | -9.5              | -10      | 161.0                     | 56.25 | 161.0 | 56.25 | 159.8 | 54.53 | 159.8 | 53.06 | 159.8 | 51.21 | 158.0 | 49.97 |
|        | -8.5              | -9.1     | 164.1                     | 56.50 | 164.1 | 55.28 | 163.2 | 53.61 | 163.2 | 52.19 | 163.0 | 50.45 | 161.0 | 49.24 |
|        | -7                | -7.6     | 169.1                     | 55.06 | 169.1 | 53.85 | 168.1 | 52.29 | 168.1 | 50.91 | 167.5 | 49.29 | 164.7 | 48.01 |
|        | -5                | -5.6     | 175.8                     | 53.19 | 175.8 | 51.99 | 174.6 | 50.53 | 174.6 | 49.24 | 174.6 | 47.81 | 167.0 | 45.68 |
|        | -3                | -3.7     | 182.4                     | 51.34 | 182.4 | 50.16 | 181.3 | 48.79 | 181.3 | 47.59 | 179.7 | 45.94 | 167.0 | 43.05 |
|        | 0                 | -0.7     | 192.3                     | 48.56 | 192.3 | 47.38 | 189.9 | 45.90 | 185.5 | 43.79 | 179.7 | 41.76 | 167.0 | 40.87 |
|        | 3                 | 2.2      | 200.4                     | 45.31 | 199.8 | 44.05 | 192.0 | 41.84 | 185.5 | 40.34 | 179.7 | 39.65 | 167.0 | 38.87 |
|        | 5                 | 4.1      | 202.0                     | 42.61 | 199.8 | 41.15 | 192.0 | 39.59 | 185.5 | 38.78 | 179.7 | 38.27 | 167.0 | 37.54 |
|        | 7                 | 6        | 202.0                     | 39.89 | 199.8 | 38.70 | 192.0 | 37.94 | 185.5 | 37.22 | 179.7 | 36.87 | 167.0 | 36.20 |
|        | 9                 | 7.9      | 202.0                     | 38.44 | 199.8 | 37.39 | 192.0 | 36.66 | 185.5 | 35.97 | 179.7 | 35.62 | 167.0 | 34.98 |
|        | 11                | 9.8      | 202.0                     | 37.43 | 199.8 | 36.41 | 192.0 | 35.69 | 185.5 | 35.02 | 179.7 | 34.68 | 167.0 | 34.07 |
|        | 13                | 11.8     | 202.0                     | 36.35 | 199.8 | 35.36 | 192.0 | 34.66 | 185.5 | 34.01 | 179.7 | 33.68 | 167.0 | 33.08 |
|        | 15                | 13.7     | 202.0                     | 35.20 | 199.8 | 34.24 | 192.0 | 33.57 | 185.5 | 32.93 | 179.7 | 32.61 | 167.0 | 32.03 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 63.10                     | 51.67 | 63.10 | 52.22 | 62.70 | 52.78 | 62.70 | 53.60 | 62.70 | 54.21 | 61.70 | 54.43 |
|        | -24.8             | -25      | 105.1                     | 52.94 | 105.1 | 53.49 | 104.5 | 54.03 | 104.5 | 54.85 | 104.5 | 55.44 | 102.8 | 55.69 |
|        | -21.8             | -22      | 126.0                     | 53.68 | 126.0 | 54.22 | 125.1 | 54.75 | 125.1 | 55.57 | 125.1 | 56.14 | 123.3 | 56.43 |
|        | -19.8             | -20      | 131.9                     | 54.15 | 131.9 | 54.71 | 131.1 | 55.22 | 131.1 | 56.05 | 131.1 | 56.61 | 128.9 | 56.90 |
|        | -18.8             | -19      | 134.6                     | 54.39 | 134.6 | 54.94 | 133.8 | 55.46 | 133.8 | 56.29 | 133.8 | 56.86 | 131.7 | 56.08 |
|        | -16.7             | -17      | 140.6                     | 54.90 | 140.6 | 55.44 | 139.6 | 55.95 | 139.6 | 56.79 | 139.6 | 55.18 | 137.4 | 54.37 |
|        | -15               | -15.9    | 144.8                     | 55.25 | 144.8 | 55.79 | 143.8 | 56.31 | 143.8 | 55.52 | 143.8 | 53.99 | 142.7 | 53.15 |
|        | -13.7             | -15      | 149.0                     | 55.61 | 149.0 | 56.15 | 148.0 | 56.68 | 148.0 | 54.26 | 148.0 | 52.80 | 148.0 | 51.95 |
|        | -11.8             | -13      | 153.8                     | 56.06 | 153.8 | 56.62 | 152.8 | 54.89 | 152.8 | 52.66 | 152.8 | 51.30 | 150.3 | 49.58 |
|        | -9.8              | -11      | 158.9                     | 56.54 | 158.9 | 54.62 | 158.0 | 53.03 | 158.0 | 50.99 | 158.0 | 49.71 | 150.3 | 46.77 |
|        | -9.5              | -10      | 159.8                     | 56.21 | 159.8 | 54.30 | 159.0 | 52.75 | 159.0 | 50.74 | 159.0 | 49.48 | 150.3 | 46.04 |
|        | -8.5              | -9.1     | 163.3                     | 55.14 | 163.3 | 53.30 | 162.3 | 51.83 | 162.3 | 49.89 | 160.9 | 48.27 | 150.3 | 45.18 |
|        | -7                | -7.6     | 168.3                     | 53.51 | 168.3 | 51.79 | 167.3 | 50.42 | 166.6 | 48.44 | 160.9 | 45.72 | 150.3 | 44.05 |
|        | -5                | -5.6     | 174.8                     | 51.42 | 174.8 | 49.87 | 172.2 | 48.22 | 166.6 | 45.11 | 160.9 | 43.51 | 150.3 | 42.58 |
|        | -3                | -3.7     | 181.3                     | 49.33 | 180.8 | 47.80 | 172.2 | 44.76 | 166.6 | 42.96 | 160.9 | 42.07 | 150.3 | 41.14 |
|        | 0                 | -0.7     | 190.4                     | 46.00 | 183.5 | 43.33 | 172.2 | 41.75 | 166.6 | 40.68 | 160.9 | 39.94 | 150.3 | 38.95 |
|        | 3                 | 2.2      | 194.2                     | 41.67 | 183.5 | 39.87 | 172.2 | 39.20 | 166.6 | 38.42 | 160.9 | 37.79 | 150.3 | 36.76 |
|        | 5                 | 4.1      | 194.2                     | 38.75 | 183.5 | 38.05 | 172.2 | 37.51 | 166.6 | 36.89 | 160.9 | 36.35 | 150.3 | 35.29 |
|        | 7                 | 6        | 194.2                     | 36.76 | 183.5 | 36.20 | 172.2 | 35.81 | 166.6 | 35.37 | 160.9 | 34.92 | 150.3 | 33.84 |
|        | 9                 | 7.9      | 194.2                     | 35.37 | 183.5 | 34.83 | 172.2 | 34.46 | 166.6 | 34.04 | 160.9 | 33.59 | 150.3 | 32.55 |
|        | 11                | 9.8      | 194.2                     | 34.28 | 183.5 | 33.77 | 172.2 | 33.38 | 166.6 | 32.97 | 160.9 | 32.54 | 150.3 | 31.54 |
|        | 13                | 11.8     | 194.2                     | 33.11 | 183.5 | 32.63 | 172.2 | 32.26 | 166.6 | 31.86 | 160.9 | 31.44 | 150.3 | 30.48 |
|        | 15                | 13.7     | 194.2                     | 31.88 | 183.5 | 31.41 | 172.2 | 31.05 | 166.6 | 30.67 | 160.9 | 30.29 | 150.3 | 29.34 |
| 100    | -30               | -30.2    | 62.70                     | 57.58 | 62.70 | 57.57 | 62.40 | 51.29 | 62.40 | 57.46 | 62.40 | 56.41 | 61.40 | 57.42 |
|        | -24.8             | -25      | 104.6                     | 57.32 | 104.6 | 57.29 | 104.1 | 54.10 | 104.1 | 57.20 | 104.1 | 57.18 | 102.3 | 57.16 |
|        | -21.8             | -22      | 125.3                     | 57.18 | 125.3 | 57.13 | 124.6 | 55.70 | 124.6 | 57.06 | 124.6 | 57.62 | 122.7 | 57.02 |
|        | -19.8             | -20      | 131.3                     | 57.06 | 131.3 | 57.02 | 130.4 | 56.70 | 130.4 | 56.93 | 130.4 | 57.12 | 128.5 | 56.90 |
|        | -18.8             | -19      | 134.1                     | 57.00 | 133.3 | 56.99 | 133.3 | 56.94 | 133.3 | 56.88 | 133.3 | 56.86 | 131.2 | 55.92 |
|        | -16.7             | -17      | 139.1                     | 56.90 | 139.1 | 56.86 | 139.1 | 57.44 | 138.4 | 56.79 | 138.4 | 54.85 | 136.2 | 53.90 |
|        | -15               | -15.9    | 143.8                     | 56.81 | 143.8 | 56.78 | 143.3 | 57.05 | 143.0 | 55.32 | 143.0 | 53.41 | 137.3 | 51.19 |
|        | -13.7             | -15      | 148.3                     | 56.74 | 148.3 | 56.71 | 147.4 | 56.68 | 147.4 | 53.86 | 147.4 | 51.98 | 137.3 | 48.23 |
|        | -11.8             | -13      | 153.0                     | 56.65 | 152.2 | 56.62 | 152.2 | 54.71 | 152.2 | 52.02 | 147.5 | 48.61 | 137.3 | 46.49 |
|        | -9.8              | -11      | 158.1                     | 56.54 | 158.1 | 54.41 | 157.5 | 52.66 | 152.5 | 48.49 | 147.5 | 45.66 | 137.3 | 44.66 |
|        | -9.5              | -10      | 159.0                     | 56.19 | 159.0 | 54.07 | 157.5 | 52.05 | 152.5 | 47.95 | 147.5 | 45.39 | 137.3 | 44.39 |
|        | -8.5              | -9.1     | 162.5                     | 55.04 | 162.5 | 52.99 | 157.5 | 50.00 | 152.5 | 46.16 | 147.5 | 44.48 | 137.3 | 43.48 |
|        | -7                | -7.6     | 170.0                     | 53.29 | 167.5 | 50.73 | 157.5 | 47.06 | 152.5 | 44.80 | 147.5 | 43.15 | 137.3 | 42.12 |
|        | -5                | -5.6     | 177.2                     | 50.94 | 167.5 | 46.88 | 157.5 | 45.18 | 152.5 | 43.03 | 147.5 | 41.41 | 137.3 | 40.37 |
|        | -3                | -3.7     | 177.7                     | 47.49 | 167.5 | 44.54 | 157.5 | 43.31 | 152.5 | 41.25 | 147.5 | 39.69 | 137.3 | 38.61 |
|        | 0                 | -0.7     | 177.7                     | 43.01 | 167.5 | 41.51 | 157.5 | 40.47 | 152.5 | 38.61 | 147.5 | 37.07 | 137.3 | 35.98 |
|        | 3                 | 2.2      | 177.7                     | 39.83 | 167.5 | 38.50 | 157.5 | 37.65 | 152.5 | 35.96 | 147.5 | 34.49 | 137.3 | 33.33 |
|        | 5                 | 4.1      | 177.7                     | 37.71 | 167.5 | 36.49 | 157.5 | 35.76 | 152.5 | 34.17 | 147.5 | 32.74 | 137.3 | 31.57 |
|        | 7                 | 6        | 177.7                     | 35.60 | 167.5 | 34.47 | 157.5 | 33.86 | 152.5 | 32.40 | 147.5 | 31.02 | 137.3 | 29.82 |
|        | 9                 | 7.9      | 177.7                     | 33.88 | 167.5 | 32.83 | 157.5 | 32.25 | 152.5 | 30.85 | 147.5 | 29.53 | 137.3 | 28.39 |
|        | 11                | 9.8      | 177.7                     | 32.46 | 167.5 | 31.44 | 157.5 | 30.90 | 152.5 | 29.55 | 147.5 | 28.27 | 137.3 | 27.19 |
|        | 13                | 11.8     | 177.7                     | 30.96 | 167.5 | 29.97 | 157.5 | 29.45 | 152.5 | 28.18 | 147.5 | 26.97 | 137.3 | 25.93 |
|        | 15                | 13.7     | 177.7                     | 29.36 | 167.5 | 28.44 | 157.5 | 27.93 | 152.5 | 26.73 | 147.5 | 25.57 | 137.3 | 24.59 |
| 90     | -30               | -30.2    | 62.60                     | 50.52 | 62.60 | 51.33 | 62.20 | 51.92 | 62.20 | 52.19 | 62.20 | 52.77 | 61.20 | 59.28 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 104.3                     | 51.78 | 104.3 | 52.61 | 103.7 | 53.19 | 103.7 | 53.47 | 103.7 | 54.02 | 102.0 | 54.85 |
|        | -21.8             | -22      | 124.8                     | 52.50 | 124.8 | 53.34 | 124.1 | 53.93 | 124.1 | 54.19 | 124.1 | 54.76 | 122.2 | 52.31 |
|        | -19.8             | -20      | 130.8                     | 53.01 | 130.8 | 53.81 | 129.9 | 54.40 | 129.9 | 54.68 | 129.9 | 53.01 | 125.5 | 49.65 |
|        | -18.8             | -19      | 134.1                     | 53.25 | 133.3 | 54.07 | 132.8 | 54.64 | 132.8 | 53.78 | 132.8 | 52.14 | 125.5 | 47.83 |
|        | -16.7             | -17      | 139.1                     | 53.75 | 139.1 | 54.57 | 138.5 | 52.78 | 138.5 | 51.90 | 135.2 | 49.16 | 125.5 | 45.43 |
|        | -15               | -15.9    | 143.8                     | 54.10 | 143.8 | 53.19 | 142.7 | 51.46 | 139.7 | 49.51 | 135.2 | 47.12 | 125.5 | 44.24 |
|        | -13.7             | -15      | 148.3                     | 54.46 | 148.3 | 51.80 | 144.1 | 49.17 | 139.7 | 46.82 | 135.2 | 45.16 | 125.5 | 43.06 |
|        | -11.8             | -13      | 153.0                     | 52.58 | 152.2 | 50.07 | 144.1 | 46.05 | 139.7 | 44.99 | 135.2 | 43.62 | 125.5 | 41.55 |
|        | -9.8              | -11      | 158.1                     | 50.60 | 153.0 | 46.69 | 144.1 | 44.20 | 139.7 | 43.31 | 135.2 | 42.01 | 125.5 | 39.99 |
|        | -9.5              | -10      | 159.0                     | 50.29 | 153.0 | 46.14 | 144.1 | 43.95 | 139.7 | 43.06 | 135.2 | 41.77 | 125.5 | 39.76 |
|        | -8.5              | -9.1     | 162.3                     | 49.25 | 153.0 | 44.67 | 144.1 | 43.13 | 139.7 | 42.23 | 135.2 | 40.96 | 125.5 | 38.96 |
|        | -7                | -7.6     | 162.7                     | 45.74 | 153.0 | 43.23 | 144.1 | 41.89 | 139.7 | 40.99 | 135.2 | 39.74 | 125.5 | 37.79 |
|        | -5                | -5.6     | 162.7                     | 43.43 | 153.0 | 41.57 | 144.1 | 40.30 | 139.7 | 39.37 | 135.2 | 38.18 | 125.5 | 36.28 |
|        | -3                | -3.7     | 162.7                     | 41.63 | 153.0 | 39.91 | 144.1 | 38.71 | 139.7 | 37.75 | 135.2 | 36.61 | 125.5 | 34.74 |
|        | 0                 | -0.7     | 162.7                     | 38.91 | 153.0 | 37.40 | 144.1 | 36.32 | 139.7 | 35.34 | 135.2 | 34.29 | 125.5 | 32.47 |
|        | 3                 | 2.2      | 162.7                     | 36.20 | 153.0 | 34.91 | 144.1 | 33.93 | 139.7 | 32.92 | 135.2 | 31.93 | 125.5 | 30.21 |
|        | 5                 | 4.1      | 162.7                     | 34.40 | 153.0 | 33.25 | 144.1 | 32.33 | 139.7 | 31.31 | 135.2 | 30.37 | 125.5 | 28.68 |
|        | 7                 | 6        | 162.7                     | 32.58 | 153.0 | 31.59 | 144.1 | 30.74 | 139.7 | 29.69 | 135.2 | 28.81 | 125.5 | 27.17 |
|        | 9                 | 7.9      | 162.7                     | 30.90 | 153.0 | 29.95 | 144.1 | 29.16 | 139.7 | 28.15 | 135.2 | 27.31 | 125.5 | 25.75 |
|        | 11                | 9.8      | 162.7                     | 29.21 | 153.0 | 28.32 | 144.1 | 27.55 | 139.7 | 26.62 | 135.2 | 25.82 | 125.5 | 24.35 |
|        | 13                | 11.8     | 162.7                     | 27.52 | 153.0 | 26.68 | 144.1 | 25.96 | 139.7 | 25.07 | 135.2 | 24.33 | 125.5 | 22.93 |
|        | 15                | 13.7     | 162.7                     | 25.84 | 153.0 | 25.03 | 144.1 | 24.37 | 139.7 | 23.52 | 135.2 | 22.82 | 125.5 | 21.54 |
| 80     | -30               | -30.2    | 62.20                     | 44.35 | 62.20 | 45.19 | 61.90 | 45.80 | 61.90 | 45.09 | 61.90 | 52.64 | 60.90 | 50.31 |
|        | -24.8             | -25      | 103.8                     | 45.65 | 103.8 | 46.49 | 103.1 | 47.08 | 103.1 | 47.34 | 103.1 | 48.74 | 101.5 | 46.59 |
|        | -21.8             | -22      | 123.6                     | 46.40 | 123.6 | 47.23 | 123.6 | 47.82 | 123.4 | 48.57 | 120.5 | 45.37 | 112.2 | 42.05 |
|        | -19.8             | -20      | 129.3                     | 46.90 | 129.3 | 47.72 | 128.6 | 48.32 | 125.0 | 45.48 | 120.5 | 42.64 | 112.2 | 40.69 |
|        | -18.8             | -19      | 132.3                     | 47.15 | 132.3 | 48.54 | 128.9 | 46.58 | 125.0 | 43.99 | 120.5 | 41.88 | 112.2 | 40.04 |
|        | -16.7             | -17      | 136.3                     | 48.49 | 136.3 | 46.87 | 128.9 | 43.60 | 125.0 | 42.22 | 120.5 | 40.40 | 112.2 | 38.63 |
|        | -15               | -15.9    | 139.3                     | 47.24 | 137.3 | 45.44 | 128.9 | 42.46 | 125.0 | 41.10 | 120.5 | 39.36 | 112.2 | 37.61 |
|        | -13.7             | -15      | 142.4                     | 46.01 | 137.3 | 43.70 | 128.9 | 41.34 | 125.0 | 39.98 | 120.5 | 38.31 | 112.2 | 36.61 |
|        | -11.8             | -13      | 145.7                     | 44.18 | 137.3 | 41.51 | 128.9 | 39.90 | 125.0 | 38.59 | 120.5 | 36.99 | 112.2 | 35.35 |
|        | -9.8              | -11      | 145.7                     | 41.44 | 137.3 | 39.48 | 128.9 | 38.42 | 125.0 | 37.12 | 120.5 | 35.60 | 112.2 | 34.02 |
|        | -9.5              | -10      | 145.7                     | 40.95 | 137.3 | 39.05 | 128.9 | 38.19 | 125.0 | 36.91 | 120.5 | 35.39 | 112.2 | 33.82 |
|        | -8.5              | -9.1     | 145.7                     | 39.81 | 137.3 | 38.20 | 128.9 | 37.45 | 125.0 | 36.17 | 120.5 | 34.69 | 112.2 | 33.16 |
|        | -7                | -7.6     | 145.7                     | 38.31 | 137.3 | 37.08 | 128.9 | 36.32 | 125.0 | 35.05 | 120.5 | 33.67 | 112.2 | 32.16 |
|        | -5                | -5.6     | 145.7                     | 36.80 | 137.3 | 35.65 | 128.9 | 34.89 | 125.0 | 33.64 | 120.5 | 32.31 | 112.2 | 30.89 |
|        | -3                | -3.7     | 145.7                     | 35.30 | 137.3 | 34.20 | 128.9 | 33.44 | 125.0 | 32.22 | 120.5 | 30.98 | 112.2 | 29.59 |
|        | 0                 | -0.7     | 145.7                     | 33.05 | 137.3 | 32.05 | 128.9 | 31.27 | 125.0 | 30.09 | 120.5 | 28.97 | 112.2 | 27.68 |
|        | 3                 | 2.2      | 145.7                     | 30.81 | 137.3 | 29.88 | 128.9 | 29.10 | 125.0 | 27.95 | 120.5 | 26.97 | 112.2 | 25.77 |
|        | 5                 | 4.1      | 145.7                     | 29.31 | 137.3 | 28.44 | 128.9 | 27.66 | 125.0 | 26.53 | 120.5 | 25.64 | 112.2 | 24.48 |
|        | 7                 | 6        | 145.7                     | 27.81 | 137.3 | 26.99 | 128.9 | 26.21 | 125.0 | 25.11 | 120.5 | 24.29 | 112.2 | 23.19 |
|        | 9                 | 7.9      | 145.7                     | 26.11 | 137.3 | 25.35 | 128.9 | 24.62 | 125.0 | 23.58 | 120.5 | 22.81 | 112.2 | 21.79 |
|        | 11                | 9.8      | 145.7                     | 24.24 | 137.3 | 23.53 | 128.9 | 22.85 | 125.0 | 21.88 | 120.5 | 21.17 | 112.2 | 20.22 |
|        | 13                | 11.8     | 145.7                     | 22.62 | 137.3 | 21.97 | 128.9 | 21.33 | 125.0 | 20.42 | 120.5 | 19.77 | 112.2 | 18.86 |
|        | 15                | 13.7     | 145.7                     | 21.30 | 137.3 | 20.67 | 128.9 | 20.07 | 125.0 | 19.23 | 120.5 | 18.61 | 112.2 | 17.76 |
| 70     | -30               | -30.2    | 62.20                     | 44.55 | 62.20 | 44.84 | 61.90 | 45.41 | 61.90 | 51.70 | 61.90 | 49.15 | 60.20 | 46.82 |
|        | -24.8             | -25      | 103.8                     | 45.87 | 103.8 | 46.13 | 103.1 | 46.70 | 103.1 | 47.52 | 102.0 | 44.77 | 95.90 | 41.11 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 116.8                     | 46.61 | 116.5 | 46.75 | 109.7 | 44.87 | 106.0 | 42.70 | 102.8 | 40.64 | 95.90 | 38.66 |
|        | -19.8             | -20      | 123.3                     | 46.29 | 116.7 | 44.81 | 109.7 | 43.27 | 106.0 | 41.17 | 102.8 | 39.23 | 95.90 | 37.31 |
|        | -18.8             | -19      | 123.5                     | 45.32 | 116.7 | 43.99 | 109.7 | 42.48 | 106.0 | 40.42 | 102.8 | 38.52 | 95.90 | 36.63 |
|        | -16.7             | -17      | 123.5                     | 43.08 | 116.7 | 42.25 | 109.7 | 40.81 | 106.0 | 38.84 | 102.8 | 37.05 | 95.90 | 35.21 |
|        | -15               | -15.9    | 123.5                     | 41.85 | 116.7 | 41.03 | 109.7 | 39.61 | 106.0 | 37.70 | 102.8 | 35.99 | 95.90 | 34.20 |
|        | -13.7             | -15      | 123.5                     | 40.63 | 116.7 | 39.81 | 109.7 | 38.44 | 106.0 | 36.58 | 102.8 | 34.95 | 95.90 | 33.19 |
|        | -11.8             | -13      | 123.5                     | 39.08 | 116.7 | 38.24 | 109.7 | 36.94 | 106.0 | 35.16 | 102.8 | 33.62 | 95.90 | 31.91 |
|        | -9.8              | -11      | 123.5                     | 37.48 | 116.7 | 36.62 | 109.7 | 35.38 | 106.0 | 33.68 | 102.8 | 32.22 | 95.90 | 30.56 |
|        | -9.5              | -10      | 123.5                     | 37.22 | 116.7 | 36.37 | 109.7 | 35.14 | 106.0 | 33.46 | 102.8 | 32.02 | 95.90 | 30.36 |
|        | -8.5              | -9.1     | 123.5                     | 36.42 | 116.7 | 35.57 | 109.7 | 34.35 | 106.0 | 32.71 | 102.8 | 31.32 | 95.90 | 29.70 |
|        | -7                | -7.6     | 123.5                     | 35.22 | 116.7 | 34.35 | 109.7 | 33.17 | 106.0 | 31.60 | 102.8 | 30.29 | 95.90 | 28.69 |
|        | -5                | -5.6     | 123.5                     | 33.65 | 116.7 | 32.77 | 109.7 | 31.65 | 106.0 | 30.15 | 102.8 | 28.93 | 95.90 | 27.40 |
|        | -3                | -3.7     | 123.5                     | 32.09 | 116.7 | 31.19 | 109.7 | 30.13 | 106.0 | 28.70 | 102.8 | 27.58 | 95.90 | 26.10 |
|        | 0                 | -0.7     | 123.5                     | 29.74 | 116.7 | 28.82 | 109.7 | 27.85 | 106.0 | 26.55 | 102.8 | 25.55 | 95.90 | 24.15 |
|        | 3                 | 2.2      | 123.5                     | 27.39 | 116.7 | 26.45 | 109.7 | 25.55 | 106.0 | 24.37 | 102.8 | 23.54 | 95.90 | 22.19 |
|        | 5                 | 4.1      | 123.5                     | 25.83 | 116.7 | 24.87 | 109.7 | 24.04 | 106.0 | 22.95 | 102.8 | 22.18 | 95.90 | 20.90 |
|        | 7                 | 6        | 123.5                     | 24.26 | 116.7 | 23.29 | 109.7 | 22.51 | 106.0 | 21.50 | 102.8 | 20.84 | 95.90 | 19.60 |
|        | 9                 | 7.9      | 123.5                     | 21.92 | 116.7 | 21.04 | 109.7 | 20.32 | 106.0 | 19.40 | 102.8 | 18.82 | 95.90 | 17.70 |
|        | 11                | 9.8      | 123.5                     | 20.41 | 116.7 | 19.58 | 109.7 | 18.93 | 106.0 | 18.07 | 102.8 | 17.53 | 95.90 | 16.47 |
|        | 13                | 11.8     | 123.5                     | 19.10 | 116.7 | 18.32 | 109.7 | 17.71 | 106.0 | 16.90 | 102.8 | 16.40 | 95.90 | 15.42 |
|        | 15                | 13.7     | 123.5                     | 18.01 | 116.7 | 17.27 | 109.7 | 16.70 | 106.0 | 15.94 | 102.8 | 15.46 | 95.90 | 14.53 |
| 60     | -30               | -30.2    | 60.10                     | 44.00 | 60.10 | 44.56 | 59.70 | 51.18 | 57.70 | 48.41 | 55.70 | 45.83 | 52.10 | 43.55 |
|        | -24.8             | -25      | 100.0                     | 45.31 | 99.90 | 45.81 | 94.10 | 44.20 | 90.90 | 41.86 | 87.80 | 39.67 | 82.20 | 37.63 |
|        | -21.8             | -22      | 106.0                     | 45.55 | 100.3 | 44.11 | 94.10 | 41.78 | 90.90 | 39.60 | 87.80 | 37.57 | 82.20 | 35.58 |
|        | -19.8             | -20      | 106.0                     | 44.05 | 100.3 | 42.41 | 94.10 | 40.18 | 90.90 | 38.09 | 87.80 | 36.14 | 82.20 | 34.23 |
|        | -18.8             | -19      | 106.0                     | 43.19 | 100.3 | 41.55 | 94.10 | 39.38 | 90.90 | 37.35 | 87.80 | 35.44 | 82.20 | 33.54 |
|        | -16.7             | -17      | 106.0                     | 41.38 | 100.3 | 39.77 | 94.10 | 37.69 | 90.90 | 35.78 | 87.80 | 33.97 | 82.20 | 32.13 |
|        | -15               | -15.9    | 106.0                     | 40.10 | 100.3 | 38.50 | 94.10 | 36.50 | 90.90 | 34.67 | 87.80 | 32.91 | 82.20 | 31.11 |
|        | -13.7             | -15      | 106.0                     | 38.82 | 100.3 | 37.24 | 94.10 | 35.31 | 90.90 | 33.55 | 87.80 | 31.87 | 82.20 | 30.10 |
|        | -11.8             | -13      | 106.0                     | 37.20 | 100.3 | 35.64 | 94.10 | 33.79 | 90.90 | 32.13 | 87.80 | 30.55 | 82.20 | 28.84 |
|        | -9.8              | -11      | 106.0                     | 35.49 | 100.3 | 33.95 | 94.10 | 32.22 | 90.90 | 30.65 | 87.80 | 29.15 | 82.20 | 27.49 |
|        | -9.5              | -10      | 106.0                     | 35.23 | 100.3 | 33.71 | 94.10 | 31.99 | 90.90 | 30.42 | 87.80 | 28.94 | 82.20 | 27.28 |
|        | -8.5              | -9.1     | 106.0                     | 34.39 | 100.3 | 32.88 | 94.10 | 31.20 | 90.90 | 29.70 | 87.80 | 28.25 | 82.20 | 26.62 |
|        | -7                | -7.6     | 106.0                     | 33.13 | 100.3 | 31.63 | 94.10 | 30.01 | 90.90 | 28.59 | 87.80 | 27.20 | 82.20 | 25.62 |
|        | -5                | -5.6     | 106.0                     | 31.47 | 100.3 | 29.99 | 94.10 | 28.49 | 90.90 | 27.15 | 87.80 | 25.86 | 82.20 | 24.32 |
|        | -3                | -3.7     | 106.0                     | 29.83 | 100.3 | 28.36 | 94.10 | 26.95 | 90.90 | 25.70 | 87.80 | 24.50 | 82.20 | 23.02 |
|        | 0                 | -0.7     | 106.0                     | 27.34 | 100.3 | 25.90 | 94.10 | 24.64 | 90.90 | 23.55 | 87.80 | 22.48 | 82.20 | 21.06 |
|        | 3                 | 2.2      | 106.0                     | 24.88 | 100.3 | 23.47 | 94.10 | 22.33 | 90.90 | 21.39 | 87.80 | 20.45 | 82.20 | 19.11 |
|        | 5                 | 4.1      | 106.0                     | 23.23 | 100.3 | 21.84 | 94.10 | 20.81 | 90.90 | 19.95 | 87.80 | 19.11 | 82.20 | 17.81 |
|        | 7                 | 6        | 106.0                     | 21.57 | 100.3 | 20.20 | 94.10 | 19.27 | 90.90 | 18.50 | 87.80 | 17.76 | 82.20 | 16.50 |
|        | 9                 | 7.9      | 106.0                     | 19.25 | 100.3 | 18.03 | 94.10 | 17.18 | 90.90 | 16.53 | 87.80 | 15.84 | 82.20 | 14.72 |
|        | 11                | 9.8      | 106.0                     | 17.97 | 100.3 | 16.83 | 94.10 | 16.04 | 90.90 | 15.43 | 87.80 | 14.79 | 82.20 | 13.76 |
|        | 13                | 11.8     | 106.0                     | 16.83 | 100.3 | 15.75 | 94.10 | 15.04 | 90.90 | 14.45 | 87.80 | 13.86 | 82.20 | 12.89 |
|        | 15                | 13.7     | 106.0                     | 15.90 | 100.3 | 14.90 | 94.10 | 14.22 | 90.90 | 13.64 | 87.80 | 13.10 | 82.20 | 12.19 |
| 50     | -30               | -30.2    | 56.10                     | 38.55 | 52.90 | 44.63 | 49.60 | 42.22 | 48.20 | 39.94 | 46.50 | 37.75 | 43.40 | 35.85 |
|        | -24.8             | -25      | 88.40                     | 37.71 | 83.40 | 38.49 | 78.40 | 36.42 | 75.90 | 34.49 | 73.30 | 32.66 | 68.30 | 30.95 |
|        | -21.8             | -22      | 88.40                     | 38.42 | 83.40 | 36.36 | 78.40 | 34.41 | 75.90 | 32.59 | 73.30 | 30.90 | 68.30 | 29.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 88.40                     | 36.92 | 83.40 | 34.93 | 78.40 | 33.08 | 75.90 | 31.33 | 73.30 | 29.73 | 68.30 | 28.13 |
|        | -18.8             | -19      | 88.40                     | 36.18 | 83.40 | 34.20 | 78.40 | 32.44 | 75.90 | 30.71 | 73.30 | 29.15 | 68.30 | 27.60 |
|        | -16.7             | -17      | 88.40                     | 34.62 | 83.40 | 32.74 | 78.40 | 31.03 | 75.90 | 29.39 | 73.30 | 27.91 | 68.30 | 26.41 |
|        | -15               | -15.9    | 88.40                     | 33.51 | 83.40 | 31.65 | 78.40 | 30.04 | 75.90 | 28.45 | 73.30 | 27.04 | 68.30 | 25.56 |
|        | -13.7             | -15      | 88.40                     | 32.39 | 83.40 | 30.59 | 78.40 | 29.05 | 75.90 | 27.52 | 73.30 | 26.17 | 68.30 | 24.73 |
|        | -11.8             | -13      | 88.40                     | 30.99 | 83.40 | 29.27 | 78.40 | 27.79 | 75.90 | 26.34 | 73.30 | 25.07 | 68.30 | 23.69 |
|        | -9.8              | -11      | 88.40                     | 29.52 | 83.40 | 27.85 | 78.40 | 26.48 | 75.90 | 25.10 | 73.30 | 23.92 | 68.30 | 22.57 |
|        | -9.5              | -10      | 88.40                     | 29.30 | 83.40 | 27.65 | 78.40 | 26.28 | 75.90 | 24.92 | 73.30 | 23.75 | 68.30 | 22.41 |
|        | -8.5              | -9.1     | 88.40                     | 28.56 | 83.40 | 26.94 | 78.40 | 25.64 | 75.90 | 24.31 | 73.30 | 23.18 | 68.30 | 21.86 |
|        | -7                | -7.6     | 88.40                     | 27.45 | 83.40 | 25.90 | 78.40 | 24.66 | 75.90 | 23.36 | 73.30 | 22.31 | 68.30 | 21.03 |
|        | -5                | -5.6     | 88.40                     | 26.02 | 83.40 | 24.54 | 78.40 | 23.38 | 75.90 | 22.17 | 73.30 | 21.20 | 68.30 | 19.96 |
|        | -3                | -3.7     | 88.40                     | 24.60 | 83.40 | 23.17 | 78.40 | 22.09 | 75.90 | 20.96 | 73.30 | 20.07 | 68.30 | 18.87 |
|        | 0                 | -0.7     | 88.40                     | 22.45 | 83.40 | 21.10 | 78.40 | 20.19 | 75.90 | 19.16 | 73.30 | 18.39 | 68.30 | 17.27 |
|        | 3                 | 2.2      | 88.40                     | 20.29 | 83.40 | 19.06 | 78.40 | 18.27 | 75.90 | 17.34 | 73.30 | 16.71 | 68.30 | 15.65 |
|        | 5                 | 4.1      | 88.40                     | 18.86 | 83.40 | 17.69 | 78.40 | 17.01 | 75.90 | 16.13 | 73.30 | 15.60 | 68.30 | 14.58 |
|        | 7                 | 6        | 88.40                     | 17.43 | 83.40 | 16.32 | 78.40 | 15.74 | 75.90 | 14.93 | 73.30 | 14.46 | 68.30 | 13.51 |
|        | 9                 | 7.9      | 88.40                     | 15.75 | 83.40 | 14.73 | 78.40 | 14.21 | 75.90 | 13.50 | 73.30 | 13.07 | 68.30 | 12.20 |
|        | 11                | 9.8      | 88.40                     | 14.73 | 83.40 | 13.78 | 78.40 | 13.29 | 75.90 | 12.62 | 73.30 | 12.23 | 68.30 | 11.40 |
|        | 13                | 11.8     | 88.40                     | 13.83 | 83.40 | 12.95 | 78.40 | 12.47 | 75.90 | 11.85 | 73.30 | 11.48 | 68.30 | 10.72 |
|        | 15                | 13.7     | 88.40                     | 13.09 | 83.40 | 12.26 | 78.40 | 11.80 | 75.90 | 11.21 | 73.30 | 10.87 | 68.30 | 10.13 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM520LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 65.30                     | 54.78 | 65.30 | 55.14 | 64.80 | 55.48 | 64.80 | 55.96 | 64.80 | 56.47 | 63.80 | 57.18 |
|        | -24.8             | -25      | 108.7                     | 55.88 | 108.7 | 56.24 | 108.0 | 56.56 | 108.0 | 57.06 | 108.0 | 57.53 | 106.5 | 58.24 |
|        | -21.8             | -22      | 131.5                     | 56.51 | 131.5 | 56.87 | 130.7 | 57.21 | 130.7 | 57.68 | 130.7 | 58.14 | 128.6 | 58.87 |
|        | -19.8             | -20      | 138.4                     | 56.93 | 138.4 | 57.30 | 137.4 | 57.61 | 137.4 | 58.09 | 137.4 | 58.55 | 135.3 | 59.28 |
|        | -18.8             | -19      | 141.4                     | 57.12 | 141.4 | 57.50 | 140.5 | 57.81 | 140.5 | 58.29 | 140.5 | 58.75 | 138.2 | 59.48 |
|        | -16.7             | -17      | 147.8                     | 57.57 | 147.8 | 57.93 | 146.9 | 58.25 | 146.9 | 58.72 | 146.9 | 59.16 | 144.5 | 59.91 |
|        | -15               | -15.9    | 152.3                     | 57.86 | 152.3 | 58.22 | 151.5 | 58.54 | 151.5 | 59.01 | 151.5 | 59.47 | 149.1 | 58.68 |
|        | -13.7             | -15      | 157.0                     | 58.19 | 157.0 | 58.53 | 156.2 | 58.85 | 156.2 | 59.32 | 156.2 | 59.80 | 153.6 | 57.47 |
|        | -11.8             | -13      | 162.2                     | 58.56 | 162.2 | 58.92 | 161.0 | 59.25 | 161.0 | 59.73 | 161.0 | 58.15 | 159.2 | 55.92 |
|        | -9.8              | -11      | 167.5                     | 58.97 | 167.5 | 59.34 | 166.5 | 59.65 | 166.5 | 57.99 | 166.5 | 56.44 | 164.7 | 54.32 |
|        | -9.5              | -10      | 168.5                     | 59.04 | 168.5 | 59.38 | 167.5 | 59.37 | 167.5 | 57.72 | 167.3 | 56.19 | 165.5 | 54.08 |
|        | -8.5              | -9.1     | 172.0                     | 59.24 | 172.0 | 59.60 | 170.8 | 58.47 | 170.8 | 56.85 | 169.8 | 55.33 | 168.6 | 53.27 |
|        | -7                | -7.6     | 177.3                     | 59.54 | 177.3 | 58.28 | 176.0 | 57.15 | 176.0 | 55.53 | 176.0 | 54.05 | 173.6 | 52.06 |
|        | -5                | -5.6     | 184.0                     | 57.90 | 184.0 | 56.61 | 182.9 | 55.45 | 182.9 | 53.88 | 182.9 | 52.41 | 179.4 | 50.53 |
|        | -3                | -3.7     | 191.0                     | 56.25 | 191.0 | 54.91 | 189.8 | 53.72 | 189.8 | 52.19 | 189.8 | 50.76 | 184.3 | 48.73 |
|        | 0                 | -0.7     | 201.1                     | 53.81 | 201.1 | 52.42 | 200.1 | 51.14 | 199.9 | 49.64 | 198.2 | 47.85 | 184.9 | 44.49 |
|        | 3                 | 2.2      | 209.7                     | 50.91 | 209.7 | 49.46 | 208.5 | 48.20 | 205.9 | 46.24 | 198.6 | 43.65 | 184.9 | 41.98 |
|        | 5                 | 4.1      | 211.7                     | 48.31 | 211.7 | 46.82 | 211.1 | 45.68 | 205.9 | 43.52 | 198.6 | 41.81 | 184.9 | 40.51 |
|        | 7                 | 6        | 211.7                     | 45.66 | 211.7 | 44.20 | 211.1 | 43.04 | 205.9 | 41.51 | 198.6 | 40.27 | 184.9 | 39.07 |
|        | 9                 | 7.9      | 211.7                     | 44.21 | 211.7 | 42.78 | 211.1 | 41.55 | 205.9 | 40.33 | 198.6 | 39.14 | 184.9 | 37.96 |
| 120    | 11                | 9.8      | 211.7                     | 43.31 | 211.7 | 41.91 | 211.1 | 40.72 | 205.9 | 39.51 | 198.6 | 38.34 | 184.9 | 37.19 |
|        | 13                | 11.8     | 211.7                     | 42.33 | 211.7 | 40.99 | 211.1 | 39.78 | 205.9 | 38.64 | 198.6 | 37.49 | 184.9 | 36.37 |
|        | 15                | 13.7     | 211.7                     | 41.32 | 211.7 | 39.98 | 211.1 | 38.80 | 205.9 | 37.70 | 198.6 | 36.57 | 184.9 | 35.46 |
|        | -30               | -30.2    | 64.80                     | 55.14 | 64.80 | 55.48 | 64.30 | 55.96 | 64.30 | 56.47 | 64.30 | 57.18 | 63.30 | 57.74 |
|        | -24.8             | -25      | 108.0                     | 56.24 | 108.0 | 56.56 | 107.2 | 57.06 | 107.2 | 57.53 | 107.2 | 58.24 | 105.5 | 58.78 |
|        | -21.8             | -22      | 130.7                     | 56.87 | 130.7 | 57.21 | 129.7 | 57.68 | 129.7 | 58.14 | 129.7 | 58.87 | 127.8 | 59.37 |
|        | -19.8             | -20      | 137.4                     | 57.30 | 137.4 | 57.61 | 136.6 | 58.09 | 136.6 | 58.55 | 136.6 | 59.28 | 134.3 | 59.77 |
|        | -18.8             | -19      | 140.5                     | 57.50 | 140.5 | 57.81 | 139.5 | 58.29 | 139.5 | 58.75 | 139.5 | 59.48 | 137.4 | 59.99 |
|        | -16.7             | -17      | 146.9                     | 57.93 | 146.9 | 58.25 | 145.9 | 58.72 | 145.9 | 59.16 | 145.9 | 59.91 | 143.5 | 58.40 |
|        | -15               | -15.9    | 151.4                     | 58.22 | 151.4 | 58.54 | 150.4 | 59.01 | 150.4 | 59.47 | 150.4 | 58.73 | 148.0 | 57.28 |
|        | -13.7             | -15      | 155.7                     | 58.53 | 155.7 | 58.85 | 154.9 | 59.32 | 154.9 | 59.80 | 154.9 | 57.55 | 152.6 | 56.17 |
|        | -11.8             | -13      | 160.9                     | 58.92 | 160.9 | 59.25 | 159.8 | 59.73 | 159.8 | 58.14 | 159.8 | 56.09 | 158.0 | 54.74 |
|        | -9.8              | -11      | 166.1                     | 59.34 | 166.1 | 59.65 | 165.1 | 57.91 | 165.1 | 56.41 | 165.1 | 54.54 | 163.7 | 53.27 |
|        | -9.5              | -10      | 167.5                     | 59.38 | 167.5 | 59.36 | 166.2 | 57.65 | 166.2 | 56.16 | 166.2 | 54.30 | 164.6 | 53.04 |
|        | -8.5              | -9.1     | 170.6                     | 59.60 | 170.6 | 58.39 | 169.7 | 56.73 | 169.7 | 55.30 | 169.7 | 53.53 | 167.9 | 52.29 |
|        | -7                | -7.6     | 175.8                     | 58.18 | 175.8 | 56.96 | 174.8 | 55.40 | 174.8 | 54.00 | 174.6 | 52.37 | 171.7 | 51.06 |
|        | -5                | -5.6     | 182.9                     | 56.33 | 182.9 | 55.12 | 181.4 | 53.64 | 181.4 | 52.33 | 181.4 | 50.89 | 173.7 | 48.47 |
|        | -3                | -3.7     | 189.6                     | 54.50 | 189.6 | 53.30 | 188.5 | 51.91 | 188.5 | 50.67 | 186.9 | 49.03 | 173.7 | 45.74 |
|        | 0                 | -0.7     | 199.8                     | 51.76 | 199.8 | 50.54 | 197.3 | 49.02 | 192.9 | 46.84 | 186.9 | 44.69 | 173.7 | 43.74 |
|        | 3                 | 2.2      | 208.3                     | 48.55 | 207.8 | 47.24 | 199.7 | 44.88 | 192.9 | 43.27 | 186.9 | 42.56 | 173.7 | 41.73 |
|        | 5                 | 4.1      | 210.1                     | 45.85 | 207.8 | 44.27 | 199.7 | 42.57 | 192.9 | 41.71 | 186.9 | 41.18 | 173.7 | 40.40 |
|        | 7                 | 6        | 210.1                     | 43.04 | 207.8 | 41.74 | 199.7 | 40.92 | 192.9 | 40.15 | 186.9 | 39.77 | 173.7 | 39.05 |
|        | 9                 | 7.9      | 210.1                     | 41.61 | 207.8 | 40.47 | 199.7 | 39.68 | 192.9 | 38.92 | 186.9 | 38.54 | 173.7 | 37.86 |
|        | 11                | 9.8      | 210.1                     | 40.67 | 207.8 | 39.55 | 199.7 | 38.76 | 192.9 | 38.03 | 186.9 | 37.67 | 173.7 | 37.01 |
|        | 13                | 11.8     | 210.1                     | 39.64 | 207.8 | 38.57 | 199.7 | 37.81 | 192.9 | 37.09 | 186.9 | 36.73 | 173.7 | 36.07 |
|        | 15                | 13.7     | 210.1                     | 38.56 | 207.8 | 37.51 | 199.7 | 36.78 | 192.9 | 36.08 | 186.9 | 35.73 | 173.7 | 35.09 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 64.50                     | 55.48 | 64.50 | 55.96 | 64.10 | 56.47 | 64.10 | 57.18 | 64.10 | 57.74 | 63.00 | 57.91 |
|        | -24.8             | -25      | 107.4                     | 56.56 | 107.4 | 57.06 | 106.7 | 57.53 | 106.7 | 58.24 | 106.7 | 58.78 | 105.0 | 59.00 |
|        | -21.8             | -22      | 129.8                     | 57.21 | 129.8 | 57.68 | 129.0 | 58.14 | 129.0 | 58.87 | 129.0 | 59.37 | 127.1 | 59.63 |
|        | -19.8             | -20      | 136.6                     | 57.61 | 136.6 | 58.09 | 135.9 | 58.55 | 135.9 | 59.28 | 135.9 | 59.77 | 133.5 | 60.02 |
|        | -18.8             | -19      | 139.5                     | 57.81 | 139.5 | 58.29 | 138.7 | 58.75 | 138.7 | 59.48 | 138.7 | 59.99 | 136.6 | 59.19 |
|        | -16.7             | -17      | 146.1                     | 58.25 | 146.1 | 58.72 | 144.9 | 59.16 | 144.9 | 59.91 | 144.9 | 58.29 | 142.7 | 57.46 |
|        | -15               | -15.9    | 150.5                     | 58.54 | 150.5 | 59.01 | 149.4 | 59.47 | 149.4 | 58.63 | 149.4 | 57.08 | 148.3 | 56.21 |
|        | -13.7             | -15      | 155.0                     | 58.85 | 155.0 | 59.32 | 153.9 | 59.80 | 153.9 | 57.35 | 153.9 | 55.88 | 153.9 | 54.99 |
|        | -11.8             | -13      | 159.9                     | 59.25 | 159.9 | 59.73 | 159.0 | 57.99 | 159.0 | 55.74 | 159.0 | 54.35 | 156.3 | 52.52 |
|        | -9.8              | -11      | 165.3                     | 59.65 | 165.3 | 57.71 | 164.3 | 56.11 | 164.3 | 54.04 | 164.3 | 52.75 | 156.3 | 49.53 |
|        | -9.5              | -10      | 166.2                     | 59.31 | 166.2 | 57.39 | 165.4 | 55.82 | 165.4 | 53.80 | 165.4 | 52.51 | 156.3 | 48.88 |
|        | -8.5              | -9.1     | 169.8                     | 58.24 | 169.8 | 56.38 | 168.7 | 54.90 | 168.7 | 52.94 | 167.4 | 51.32 | 156.3 | 48.01 |
|        | -7                | -7.6     | 175.0                     | 56.60 | 175.0 | 54.86 | 174.0 | 53.47 | 173.2 | 51.44 | 167.4 | 48.62 | 156.3 | 46.87 |
|        | -5                | -5.6     | 181.7                     | 54.50 | 181.7 | 52.93 | 179.1 | 51.25 | 173.2 | 48.00 | 167.4 | 46.35 | 156.3 | 45.37 |
|        | -3                | -3.7     | 188.5                     | 52.41 | 188.0 | 50.85 | 179.1 | 47.71 | 173.2 | 45.82 | 167.4 | 44.90 | 156.3 | 43.91 |
|        | 0                 | -0.7     | 197.8                     | 49.06 | 190.8 | 46.28 | 179.1 | 44.61 | 173.2 | 43.50 | 167.4 | 42.73 | 156.3 | 41.67 |
|        | 3                 | 2.2      | 202.0                     | 44.70 | 190.8 | 42.73 | 179.1 | 42.04 | 173.2 | 41.23 | 167.4 | 40.57 | 156.3 | 39.46 |
|        | 5                 | 4.1      | 202.0                     | 41.64 | 190.8 | 40.91 | 179.1 | 40.35 | 173.2 | 39.67 | 167.4 | 39.12 | 156.3 | 37.97 |
|        | 7                 | 6        | 202.0                     | 39.64 | 190.8 | 39.05 | 179.1 | 38.63 | 173.2 | 38.15 | 167.4 | 37.66 | 156.3 | 36.49 |
|        | 9                 | 7.9      | 202.0                     | 38.28 | 190.8 | 37.69 | 179.1 | 37.29 | 173.2 | 36.83 | 167.4 | 36.34 | 156.3 | 35.22 |
|        | 11                | 9.8      | 202.0                     | 37.22 | 190.8 | 36.67 | 179.1 | 36.26 | 173.2 | 35.80 | 167.4 | 35.34 | 156.3 | 34.25 |
|        | 13                | 11.8     | 202.0                     | 36.10 | 190.8 | 35.58 | 179.1 | 35.17 | 173.2 | 34.74 | 167.4 | 34.28 | 156.3 | 33.23 |
|        | 15                | 13.7     | 202.0                     | 34.91 | 190.8 | 34.39 | 179.1 | 34.00 | 173.2 | 33.60 | 167.4 | 33.16 | 156.3 | 32.12 |
| 100    | -30               | -30.2    | 64.10                     | 63.20 | 64.10 | 62.96 | 63.80 | 54.75 | 63.80 | 62.24 | 63.80 | 60.61 | 62.70 | 61.82 |
|        | -24.8             | -25      | 106.9                     | 62.29 | 106.9 | 62.03 | 106.4 | 57.72 | 106.4 | 61.33 | 106.4 | 61.06 | 104.5 | 60.91 |
|        | -21.8             | -22      | 129.2                     | 61.78 | 129.2 | 61.48 | 128.5 | 59.42 | 128.5 | 60.82 | 128.5 | 61.31 | 126.5 | 60.40 |
|        | -19.8             | -20      | 136.1                     | 61.40 | 136.1 | 61.12 | 135.1 | 60.48 | 135.1 | 60.44 | 135.1 | 60.43 | 133.0 | 60.02 |
|        | -18.8             | -19      | 139.0                     | 61.21 | 138.2 | 60.97 | 138.2 | 60.69 | 138.2 | 60.26 | 138.2 | 59.99 | 136.1 | 59.03 |
|        | -16.7             | -17      | 144.4                     | 60.87 | 144.4 | 60.58 | 144.4 | 61.11 | 143.6 | 59.91 | 143.6 | 57.93 | 141.4 | 56.95 |
|        | -15               | -15.9    | 149.4                     | 60.58 | 149.4 | 60.31 | 148.9 | 60.44 | 148.6 | 58.42 | 148.6 | 56.45 | 142.8 | 54.19 |
|        | -13.7             | -15      | 154.2                     | 60.32 | 154.2 | 60.06 | 153.3 | 59.80 | 153.3 | 56.93 | 153.3 | 54.99 | 142.8 | 51.06 |
|        | -11.8             | -13      | 159.1                     | 60.00 | 158.3 | 59.73 | 158.3 | 57.80 | 158.3 | 55.05 | 153.4 | 51.49 | 142.8 | 49.26 |
|        | -9.8              | -11      | 164.5                     | 59.65 | 164.5 | 57.49 | 163.8 | 55.72 | 158.6 | 51.38 | 153.4 | 48.44 | 142.8 | 47.39 |
|        | -9.5              | -10      | 165.4                     | 59.29 | 165.4 | 57.14 | 163.8 | 55.09 | 158.6 | 50.83 | 153.4 | 48.16 | 142.8 | 47.12 |
|        | -8.5              | -9.1     | 169.0                     | 58.13 | 169.0 | 56.05 | 163.8 | 52.94 | 158.6 | 48.97 | 153.4 | 47.23 | 142.8 | 46.17 |
|        | -7                | -7.6     | 176.8                     | 56.37 | 174.2 | 53.76 | 163.8 | 49.91 | 158.6 | 47.57 | 153.4 | 45.86 | 142.8 | 44.78 |
|        | -5                | -5.6     | 184.2                     | 53.99 | 174.2 | 49.78 | 163.8 | 48.01 | 158.6 | 45.78 | 153.4 | 44.09 | 142.8 | 42.99 |
|        | -3                | -3.7     | 184.8                     | 50.47 | 174.2 | 47.38 | 163.8 | 46.12 | 158.6 | 43.97 | 153.4 | 42.32 | 142.8 | 41.18 |
|        | 0                 | -0.7     | 184.8                     | 45.87 | 174.2 | 44.31 | 163.8 | 43.23 | 158.6 | 41.28 | 153.4 | 39.65 | 142.8 | 38.48 |
|        | 3                 | 2.2      | 184.8                     | 42.65 | 174.2 | 41.27 | 163.8 | 40.37 | 158.6 | 38.57 | 153.4 | 37.01 | 142.8 | 35.77 |
|        | 5                 | 4.1      | 184.8                     | 40.52 | 174.2 | 39.22 | 163.8 | 38.45 | 158.6 | 36.76 | 153.4 | 35.22 | 142.8 | 33.96 |
|        | 7                 | 6        | 184.8                     | 38.39 | 174.2 | 37.18 | 163.8 | 36.53 | 158.6 | 34.95 | 153.4 | 33.46 | 142.8 | 32.16 |
|        | 9                 | 7.9      | 184.8                     | 36.83 | 174.2 | 35.70 | 163.8 | 35.06 | 158.6 | 33.54 | 153.4 | 32.11 | 142.8 | 30.86 |
|        | 11                | 9.8      | 184.8                     | 35.61 | 174.2 | 34.48 | 163.8 | 33.90 | 158.6 | 32.40 | 153.4 | 31.01 | 142.8 | 29.82 |
|        | 13                | 11.8     | 184.8                     | 34.30 | 174.2 | 33.21 | 163.8 | 32.64 | 158.6 | 31.23 | 153.4 | 29.88 | 142.8 | 28.73 |
|        | 15                | 13.7     | 184.8                     | 32.90 | 174.2 | 31.87 | 163.8 | 31.30 | 158.6 | 29.97 | 153.4 | 28.66 | 142.8 | 27.57 |
| 90     | -30               | -30.2    | 64.00                     | 54.59 | 64.00 | 55.28 | 63.50 | 55.80 | 63.50 | 56.03 | 63.50 | 56.57 | 62.50 | 63.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 106.6                     | 55.65 | 106.6 | 56.38 | 105.9 | 56.90 | 105.9 | 57.13 | 105.9 | 57.63 | 104.2 | 58.36 |
|        | -21.8             | -22      | 128.7                     | 56.26 | 128.7 | 57.01 | 128.0 | 57.53 | 128.0 | 57.75 | 128.0 | 58.26 | 126.0 | 55.69 |
|        | -19.8             | -20      | 135.6                     | 56.71 | 135.6 | 57.41 | 134.6 | 57.94 | 134.6 | 58.18 | 134.6 | 56.44 | 130.5 | 53.08 |
|        | -18.8             | -19      | 139.0                     | 56.91 | 138.2 | 57.64 | 137.7 | 58.13 | 137.7 | 57.23 | 137.7 | 55.52 | 130.5 | 51.10 |
|        | -16.7             | -17      | 144.4                     | 57.34 | 144.4 | 58.05 | 143.8 | 56.19 | 143.8 | 55.27 | 140.6 | 52.43 | 130.5 | 48.45 |
|        | -15               | -15.9    | 149.4                     | 57.63 | 149.4 | 56.62 | 148.3 | 54.82 | 145.3 | 52.79 | 140.6 | 50.27 | 130.5 | 47.21 |
|        | -13.7             | -15      | 154.2                     | 57.94 | 154.2 | 55.17 | 149.8 | 52.38 | 145.3 | 49.92 | 140.6 | 48.18 | 130.5 | 45.97 |
|        | -11.8             | -13      | 159.1                     | 55.99 | 158.3 | 53.37 | 149.8 | 49.08 | 145.3 | 48.01 | 140.6 | 46.56 | 130.5 | 44.38 |
|        | -9.8              | -11      | 164.5                     | 53.93 | 159.1 | 49.78 | 149.8 | 47.20 | 145.3 | 46.25 | 140.6 | 44.89 | 130.5 | 42.74 |
|        | -9.5              | -10      | 165.4                     | 53.60 | 159.1 | 49.20 | 149.8 | 46.93 | 145.3 | 45.98 | 140.6 | 44.64 | 130.5 | 42.50 |
|        | -8.5              | -9.1     | 168.8                     | 52.52 | 159.1 | 47.69 | 149.8 | 46.08 | 145.3 | 45.13 | 140.6 | 43.78 | 130.5 | 41.66 |
|        | -7                | -7.6     | 169.2                     | 48.82 | 159.1 | 46.20 | 149.8 | 44.78 | 145.3 | 43.83 | 140.6 | 42.50 | 130.5 | 40.43 |
|        | -5                | -5.6     | 169.2                     | 46.42 | 159.1 | 44.47 | 149.8 | 43.12 | 145.3 | 42.13 | 140.6 | 40.88 | 130.5 | 38.86 |
|        | -3                | -3.7     | 169.2                     | 44.55 | 159.1 | 42.73 | 149.8 | 41.46 | 145.3 | 40.44 | 140.6 | 39.23 | 130.5 | 37.24 |
|        | 0                 | -0.7     | 169.2                     | 41.73 | 159.1 | 40.11 | 149.8 | 38.98 | 145.3 | 37.92 | 140.6 | 36.80 | 130.5 | 34.87 |
|        | 3                 | 2.2      | 169.2                     | 38.90 | 159.1 | 37.54 | 149.8 | 36.48 | 145.3 | 35.40 | 140.6 | 34.33 | 130.5 | 32.48 |
|        | 5                 | 4.1      | 169.2                     | 37.02 | 159.1 | 35.80 | 149.8 | 34.81 | 145.3 | 33.71 | 140.6 | 32.71 | 130.5 | 30.88 |
|        | 7                 | 6        | 169.2                     | 35.15 | 159.1 | 34.08 | 149.8 | 33.16 | 145.3 | 32.03 | 140.6 | 31.08 | 130.5 | 29.31 |
|        | 9                 | 7.9      | 169.2                     | 33.39 | 159.1 | 32.36 | 149.8 | 31.50 | 145.3 | 30.40 | 140.6 | 29.51 | 130.5 | 27.82 |
|        | 11                | 9.8      | 169.2                     | 31.62 | 159.1 | 30.66 | 149.8 | 29.83 | 145.3 | 28.82 | 140.6 | 27.95 | 130.5 | 26.37 |
|        | 13                | 11.8     | 169.2                     | 29.87 | 159.1 | 28.96 | 149.8 | 28.17 | 145.3 | 27.21 | 140.6 | 26.40 | 130.5 | 24.88 |
|        | 15                | 13.7     | 169.2                     | 28.11 | 159.1 | 27.24 | 149.8 | 26.50 | 145.3 | 25.58 | 140.6 | 24.82 | 130.5 | 23.43 |
| 80     | -30               | -30.2    | 63.50                     | 48.00 | 63.50 | 48.75 | 63.30 | 49.31 | 63.30 | 48.65 | 63.30 | 55.95 | 62.20 | 53.52 |
|        | -24.8             | -25      | 106.1                     | 49.13 | 106.1 | 49.88 | 105.4 | 50.40 | 105.4 | 50.62 | 105.4 | 51.86 | 103.7 | 49.61 |
|        | -21.8             | -22      | 127.4                     | 49.78 | 127.4 | 50.51 | 127.4 | 51.03 | 127.4 | 51.76 | 125.3 | 48.72 | 116.7 | 44.82 |
|        | -19.8             | -20      | 134.0                     | 50.21 | 134.0 | 50.93 | 133.8 | 51.60 | 130.0 | 48.57 | 125.3 | 45.43 | 116.7 | 43.38 |
|        | -18.8             | -19      | 137.2                     | 50.43 | 137.2 | 51.65 | 134.1 | 49.70 | 130.0 | 46.84 | 125.3 | 44.65 | 116.7 | 42.70 |
|        | -16.7             | -17      | 141.8                     | 51.60 | 141.8 | 49.91 | 134.1 | 46.45 | 130.0 | 45.00 | 125.3 | 43.09 | 116.7 | 41.22 |
|        | -15               | -15.9    | 144.9                     | 50.29 | 142.8 | 48.41 | 134.1 | 45.26 | 130.0 | 43.82 | 125.3 | 41.99 | 116.7 | 40.15 |
|        | -13.7             | -15      | 148.1                     | 49.00 | 142.8 | 46.58 | 134.1 | 44.08 | 130.0 | 42.65 | 125.3 | 40.90 | 116.7 | 39.10 |
|        | -11.8             | -13      | 151.6                     | 47.22 | 142.8 | 44.37 | 134.1 | 42.58 | 130.0 | 41.21 | 125.3 | 39.51 | 116.7 | 37.78 |
|        | -9.8              | -11      | 151.6                     | 44.32 | 142.8 | 42.21 | 134.1 | 41.03 | 130.0 | 39.66 | 125.3 | 38.06 | 116.7 | 36.39 |
|        | -9.5              | -10      | 151.6                     | 43.78 | 142.8 | 41.76 | 134.1 | 40.79 | 130.0 | 39.44 | 125.3 | 37.84 | 116.7 | 36.17 |
|        | -8.5              | -9.1     | 151.6                     | 42.57 | 142.8 | 40.82 | 134.1 | 40.01 | 130.0 | 38.66 | 125.3 | 37.10 | 116.7 | 35.49 |
|        | -7                | -7.6     | 151.6                     | 40.94 | 142.8 | 39.63 | 134.1 | 38.84 | 130.0 | 37.49 | 125.3 | 36.03 | 116.7 | 34.42 |
|        | -5                | -5.6     | 151.6                     | 39.36 | 142.8 | 38.16 | 134.1 | 37.33 | 130.0 | 36.02 | 125.3 | 34.60 | 116.7 | 33.10 |
|        | -3                | -3.7     | 151.6                     | 37.80 | 142.8 | 36.64 | 134.1 | 35.83 | 130.0 | 34.52 | 125.3 | 33.20 | 116.7 | 31.73 |
|        | 0                 | -0.7     | 151.6                     | 35.46 | 142.8 | 34.39 | 134.1 | 33.55 | 130.0 | 32.30 | 125.3 | 31.10 | 116.7 | 29.72 |
|        | 3                 | 2.2      | 151.6                     | 33.12 | 142.8 | 32.12 | 134.1 | 31.28 | 130.0 | 30.05 | 125.3 | 29.01 | 116.7 | 27.72 |
|        | 5                 | 4.1      | 151.6                     | 31.56 | 142.8 | 30.63 | 134.1 | 29.78 | 130.0 | 28.57 | 125.3 | 27.61 | 116.7 | 26.36 |
|        | 7                 | 6        | 151.6                     | 29.99 | 142.8 | 29.11 | 134.1 | 28.27 | 130.0 | 27.08 | 125.3 | 26.19 | 116.7 | 25.01 |
|        | 9                 | 7.9      | 151.6                     | 28.16 | 142.8 | 27.34 | 134.1 | 26.55 | 130.0 | 25.44 | 125.3 | 24.60 | 116.7 | 23.50 |
|        | 11                | 9.8      | 151.6                     | 26.14 | 142.8 | 25.39 | 134.1 | 24.65 | 130.0 | 23.60 | 125.3 | 22.83 | 116.7 | 21.81 |
|        | 13                | 11.8     | 151.6                     | 24.40 | 142.8 | 23.70 | 134.1 | 23.01 | 130.0 | 22.03 | 125.3 | 21.32 | 116.7 | 20.34 |
|        | 15                | 13.7     | 151.6                     | 22.98 | 142.8 | 22.29 | 134.1 | 21.65 | 130.0 | 20.75 | 125.3 | 20.07 | 116.7 | 19.14 |
| 70     | -30               | -30.2    | 63.50                     | 47.97 | 63.50 | 48.26 | 63.30 | 48.75 | 63.30 | 54.96 | 63.30 | 52.29 | 62.10 | 49.83 |
|        | -24.8             | -25      | 106.1                     | 49.11 | 106.1 | 49.35 | 105.4 | 49.86 | 105.4 | 50.57 | 105.3 | 48.13 | 99.80 | 44.19 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 121.5                     | 49.76 | 121.2 | 49.86 | 114.1 | 47.77 | 110.2 | 45.48 | 106.9 | 43.31 | 99.80 | 41.24 |
|        | -19.8             | -20      | 128.4                     | 48.92 | 121.4 | 47.69 | 114.1 | 46.09 | 110.2 | 43.88 | 106.9 | 41.85 | 99.80 | 39.81 |
|        | -18.8             | -19      | 128.4                     | 47.74 | 121.4 | 46.85 | 114.1 | 45.26 | 110.2 | 43.08 | 106.9 | 41.08 | 99.80 | 39.09 |
|        | -16.7             | -17      | 128.4                     | 45.89 | 121.4 | 45.01 | 114.1 | 43.50 | 110.2 | 41.43 | 106.9 | 39.54 | 99.80 | 37.59 |
|        | -15               | -15.9    | 128.4                     | 44.60 | 121.4 | 43.73 | 114.1 | 42.24 | 110.2 | 40.23 | 106.9 | 38.42 | 99.80 | 36.52 |
|        | -13.7             | -15      | 128.4                     | 43.32 | 121.4 | 42.45 | 114.1 | 41.01 | 110.2 | 39.05 | 106.9 | 37.33 | 99.80 | 35.46 |
|        | -11.8             | -13      | 128.4                     | 41.69 | 121.4 | 40.81 | 114.1 | 39.44 | 110.2 | 37.56 | 106.9 | 35.92 | 99.80 | 34.11 |
|        | -9.8              | -11      | 128.4                     | 40.02 | 121.4 | 39.09 | 114.1 | 37.79 | 110.2 | 35.99 | 106.9 | 34.45 | 99.80 | 32.69 |
|        | -9.5              | -10      | 128.4                     | 39.75 | 121.4 | 38.84 | 114.1 | 37.53 | 110.2 | 35.76 | 106.9 | 34.24 | 99.80 | 32.48 |
|        | -8.5              | -9.1     | 128.4                     | 38.90 | 121.4 | 37.99 | 114.1 | 36.71 | 110.2 | 34.97 | 106.9 | 33.50 | 99.80 | 31.79 |
|        | -7                | -7.6     | 128.4                     | 37.64 | 121.4 | 36.73 | 114.1 | 35.48 | 110.2 | 33.80 | 106.9 | 32.41 | 99.80 | 30.71 |
|        | -5                | -5.6     | 128.4                     | 36.00 | 121.4 | 35.05 | 114.1 | 33.86 | 110.2 | 32.28 | 106.9 | 30.99 | 99.80 | 29.37 |
|        | -3                | -3.7     | 128.4                     | 34.37 | 121.4 | 33.41 | 114.1 | 32.28 | 110.2 | 30.76 | 106.9 | 29.56 | 99.80 | 27.99 |
|        | 0                 | -0.7     | 128.4                     | 31.91 | 121.4 | 30.92 | 114.1 | 29.88 | 110.2 | 28.50 | 106.9 | 27.43 | 99.80 | 25.94 |
|        | 3                 | 2.2      | 128.4                     | 29.44 | 121.4 | 28.43 | 114.1 | 27.47 | 110.2 | 26.21 | 106.9 | 25.32 | 99.80 | 23.87 |
|        | 5                 | 4.1      | 128.4                     | 27.82 | 121.4 | 26.77 | 114.1 | 25.89 | 110.2 | 24.71 | 106.9 | 23.88 | 99.80 | 22.52 |
|        | 7                 | 6        | 128.4                     | 26.16 | 121.4 | 25.12 | 114.1 | 24.27 | 110.2 | 23.19 | 106.9 | 22.49 | 99.80 | 21.14 |
|        | 9                 | 7.9      | 128.4                     | 23.65 | 121.4 | 22.70 | 114.1 | 21.91 | 110.2 | 20.93 | 106.9 | 20.29 | 99.80 | 19.09 |
|        | 11                | 9.8      | 128.4                     | 22.01 | 121.4 | 21.12 | 114.1 | 20.42 | 110.2 | 19.50 | 106.9 | 18.91 | 99.80 | 17.76 |
|        | 13                | 11.8     | 128.4                     | 20.60 | 121.4 | 19.76 | 114.1 | 19.09 | 110.2 | 18.24 | 106.9 | 17.68 | 99.80 | 16.63 |
|        | 15                | 13.7     | 128.4                     | 19.42 | 121.4 | 18.63 | 114.1 | 18.01 | 110.2 | 17.19 | 106.9 | 16.66 | 99.80 | 15.68 |
| 60     | -30               | -30.2    | 62.50                     | 47.43 | 62.50 | 47.91 | 62.10 | 54.51 | 60.00 | 51.60 | 57.90 | 48.88 | 54.20 | 46.47 |
|        | -24.8             | -25      | 104.0                     | 48.56 | 103.9 | 48.98 | 97.80 | 47.13 | 94.60 | 44.66 | 91.30 | 42.35 | 85.50 | 40.19 |
|        | -21.8             | -22      | 110.2                     | 48.64 | 104.3 | 47.03 | 97.80 | 44.58 | 94.60 | 42.27 | 91.30 | 40.12 | 85.50 | 38.02 |
|        | -19.8             | -20      | 110.2                     | 46.97 | 104.3 | 45.24 | 97.80 | 42.88 | 94.60 | 40.67 | 91.30 | 38.60 | 85.50 | 36.59 |
|        | -18.8             | -19      | 110.2                     | 46.06 | 104.3 | 44.34 | 97.80 | 42.05 | 94.60 | 39.90 | 91.30 | 37.87 | 85.50 | 35.85 |
|        | -16.7             | -17      | 110.2                     | 44.16 | 104.3 | 42.45 | 97.80 | 40.25 | 94.60 | 38.23 | 91.30 | 36.32 | 85.50 | 34.36 |
|        | -15               | -15.9    | 110.2                     | 42.81 | 104.3 | 41.11 | 97.80 | 38.99 | 94.60 | 37.05 | 91.30 | 35.19 | 85.50 | 33.28 |
|        | -13.7             | -15      | 110.2                     | 41.46 | 104.3 | 39.79 | 97.80 | 37.73 | 94.60 | 35.87 | 91.30 | 34.09 | 85.50 | 32.21 |
|        | -11.8             | -13      | 110.2                     | 39.76 | 104.3 | 38.09 | 97.80 | 36.12 | 94.60 | 34.37 | 91.30 | 32.68 | 85.50 | 30.86 |
|        | -9.8              | -11      | 110.2                     | 37.94 | 104.3 | 36.30 | 97.80 | 34.47 | 94.60 | 32.80 | 91.30 | 31.21 | 85.50 | 29.44 |
|        | -9.5              | -10      | 110.2                     | 37.67 | 104.3 | 36.04 | 97.80 | 34.23 | 94.60 | 32.56 | 91.30 | 30.98 | 85.50 | 29.22 |
|        | -8.5              | -9.1     | 110.2                     | 36.78 | 104.3 | 35.17 | 97.80 | 33.39 | 94.60 | 31.80 | 91.30 | 30.26 | 85.50 | 28.52 |
|        | -7                | -7.6     | 110.2                     | 35.46 | 104.3 | 33.85 | 97.80 | 32.13 | 94.60 | 30.62 | 91.30 | 29.15 | 85.50 | 27.45 |
|        | -5                | -5.6     | 110.2                     | 33.70 | 104.3 | 32.12 | 97.80 | 30.53 | 94.60 | 29.10 | 91.30 | 27.72 | 85.50 | 26.08 |
|        | -3                | -3.7     | 110.2                     | 31.98 | 104.3 | 30.41 | 97.80 | 28.90 | 94.60 | 27.57 | 91.30 | 26.28 | 85.50 | 24.70 |
|        | 0                 | -0.7     | 110.2                     | 29.35 | 104.3 | 27.80 | 97.80 | 26.46 | 94.60 | 25.29 | 91.30 | 24.15 | 85.50 | 22.63 |
|        | 3                 | 2.2      | 110.2                     | 26.75 | 104.3 | 25.23 | 97.80 | 24.01 | 94.60 | 23.01 | 91.30 | 22.00 | 85.50 | 20.56 |
|        | 5                 | 4.1      | 110.2                     | 25.01 | 104.3 | 23.52 | 97.80 | 22.41 | 94.60 | 21.49 | 91.30 | 20.58 | 85.50 | 19.18 |
|        | 7                 | 6        | 110.2                     | 23.27 | 104.3 | 21.78 | 97.80 | 20.78 | 94.60 | 19.96 | 91.30 | 19.15 | 85.50 | 17.80 |
|        | 9                 | 7.9      | 110.2                     | 20.76 | 104.3 | 19.45 | 97.80 | 18.53 | 94.60 | 17.83 | 91.30 | 17.09 | 85.50 | 15.88 |
|        | 11                | 9.8      | 110.2                     | 19.38 | 104.3 | 18.14 | 97.80 | 17.30 | 94.60 | 16.65 | 91.30 | 15.96 | 85.50 | 14.84 |
|        | 13                | 11.8     | 110.2                     | 18.14 | 104.3 | 16.99 | 97.80 | 16.22 | 94.60 | 15.60 | 91.30 | 14.94 | 85.50 | 13.89 |
|        | 15                | 13.7     | 110.2                     | 17.15 | 104.3 | 16.07 | 97.80 | 15.33 | 94.60 | 14.71 | 91.30 | 14.14 | 85.50 | 13.15 |
| 50     | -30               | -30.2    | 58.40                     | 41.45 | 55.00 | 47.44 | 51.60 | 44.90 | 50.10 | 42.51 | 48.30 | 40.22 | 45.10 | 38.21 |
|        | -24.8             | -25      | 92.00                     | 40.28 | 86.80 | 40.97 | 81.60 | 38.78 | 79.00 | 36.75 | 76.20 | 34.83 | 71.00 | 33.02 |
|        | -21.8             | -22      | 92.00                     | 40.89 | 86.80 | 38.72 | 81.60 | 36.67 | 79.00 | 34.75 | 76.20 | 32.97 | 71.00 | 31.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 92.00                     | 39.31 | 86.80 | 37.21 | 81.60 | 35.26 | 79.00 | 33.42 | 76.20 | 31.72 | 71.00 | 30.03 |
|        | -18.8             | -19      | 92.00                     | 38.54 | 86.80 | 36.45 | 81.60 | 34.59 | 79.00 | 32.76 | 76.20 | 31.11 | 71.00 | 29.47 |
|        | -16.7             | -17      | 92.00                     | 36.90 | 86.80 | 34.91 | 81.60 | 33.10 | 79.00 | 31.35 | 76.20 | 29.80 | 71.00 | 28.22 |
|        | -15               | -15.9    | 92.00                     | 35.73 | 86.80 | 33.76 | 81.60 | 32.06 | 79.00 | 30.36 | 76.20 | 28.88 | 71.00 | 27.32 |
|        | -13.7             | -15      | 92.00                     | 34.55 | 86.80 | 32.64 | 81.60 | 31.00 | 79.00 | 29.38 | 76.20 | 27.97 | 71.00 | 26.44 |
|        | -11.8             | -13      | 92.00                     | 33.06 | 86.80 | 31.25 | 81.60 | 29.70 | 79.00 | 28.15 | 76.20 | 26.80 | 71.00 | 25.33 |
|        | -9.8              | -11      | 92.00                     | 31.53 | 86.80 | 29.75 | 81.60 | 28.30 | 79.00 | 26.83 | 76.20 | 25.58 | 71.00 | 24.16 |
|        | -9.5              | -10      | 92.00                     | 31.29 | 86.80 | 29.54 | 81.60 | 28.09 | 79.00 | 26.64 | 76.20 | 25.42 | 71.00 | 23.98 |
|        | -8.5              | -9.1     | 92.00                     | 30.52 | 86.80 | 28.79 | 81.60 | 27.42 | 79.00 | 26.00 | 76.20 | 24.81 | 71.00 | 23.40 |
|        | -7                | -7.6     | 92.00                     | 29.33 | 86.80 | 27.70 | 81.60 | 26.38 | 79.00 | 25.01 | 76.20 | 23.88 | 71.00 | 22.52 |
|        | -5                | -5.6     | 92.00                     | 27.83 | 86.80 | 26.26 | 81.60 | 25.04 | 79.00 | 23.75 | 76.20 | 22.71 | 71.00 | 21.38 |
|        | -3                | -3.7     | 92.00                     | 26.35 | 86.80 | 24.82 | 81.60 | 23.68 | 79.00 | 22.46 | 76.20 | 21.51 | 71.00 | 20.24 |
|        | 0                 | -0.7     | 92.00                     | 24.08 | 86.80 | 22.63 | 81.60 | 21.66 | 79.00 | 20.57 | 76.20 | 19.75 | 71.00 | 18.54 |
|        | 3                 | 2.2      | 92.00                     | 21.81 | 86.80 | 20.49 | 81.60 | 19.65 | 79.00 | 18.65 | 76.20 | 17.97 | 71.00 | 16.83 |
|        | 5                 | 4.1      | 92.00                     | 20.31 | 86.80 | 19.05 | 81.60 | 18.32 | 79.00 | 17.37 | 76.20 | 16.80 | 71.00 | 15.70 |
|        | 7                 | 6        | 92.00                     | 18.81 | 86.80 | 17.60 | 81.60 | 16.97 | 79.00 | 16.10 | 76.20 | 15.60 | 71.00 | 14.58 |
|        | 9                 | 7.9      | 92.00                     | 16.99 | 86.80 | 15.89 | 81.60 | 15.32 | 79.00 | 14.56 | 76.20 | 14.10 | 71.00 | 13.16 |
|        | 11                | 9.8      | 92.00                     | 15.89 | 86.80 | 14.86 | 81.60 | 14.33 | 79.00 | 13.61 | 76.20 | 13.19 | 71.00 | 12.30 |
|        | 13                | 11.8     | 92.00                     | 14.91 | 86.80 | 13.97 | 81.60 | 13.45 | 79.00 | 12.78 | 76.20 | 12.38 | 71.00 | 11.56 |
|        | 15                | 13.7     | 92.00                     | 14.12 | 86.80 | 13.22 | 81.60 | 12.73 | 79.00 | 12.08 | 76.20 | 11.73 | 71.00 | 10.92 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM540LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 67.30                     | 56.51 | 67.30 | 56.78 | 66.80 | 57.05 | 66.80 | 57.41 | 66.80 | 57.81 | 65.40 | 58.33 |
|        | -24.8             | -25      | 112.0                     | 57.28 | 112.0 | 57.55 | 111.3 | 57.79 | 111.3 | 58.18 | 111.3 | 58.53 | 109.3 | 59.07 |
|        | -21.8             | -22      | 136.3                     | 57.71 | 136.3 | 57.98 | 135.4 | 58.25 | 135.4 | 58.61 | 135.4 | 58.94 | 132.8 | 59.52 |
|        | -19.8             | -20      | 143.8                     | 58.01 | 143.8 | 58.28 | 142.8 | 58.52 | 142.8 | 58.88 | 142.8 | 59.24 | 140.1 | 59.79 |
|        | -18.8             | -19      | 146.9                     | 58.12 | 146.9 | 58.41 | 146.1 | 58.66 | 146.1 | 59.02 | 146.1 | 59.37 | 143.1 | 59.93 |
|        | -16.7             | -17      | 153.6                     | 58.44 | 153.6 | 58.72 | 152.7 | 58.96 | 152.7 | 59.32 | 152.7 | 59.65 | 149.7 | 60.23 |
|        | -15               | -15.9    | 158.2                     | 58.64 | 158.2 | 58.91 | 157.4 | 59.15 | 157.4 | 59.51 | 157.4 | 59.86 | 154.4 | 59.05 |
|        | -13.7             | -15      | 163.1                     | 58.87 | 163.1 | 59.13 | 162.3 | 59.37 | 162.3 | 59.73 | 162.3 | 60.10 | 159.1 | 57.89 |
|        | -11.8             | -13      | 168.5                     | 59.12 | 168.5 | 59.39 | 167.3 | 59.65 | 167.3 | 60.01 | 167.3 | 58.53 | 164.8 | 56.42 |
|        | -9.8              | -11      | 174.0                     | 59.41 | 174.0 | 59.68 | 173.0 | 59.92 | 173.0 | 58.38 | 173.0 | 56.91 | 170.9 | 54.89 |
|        | -9.5              | -10      | 175.1                     | 59.45 | 175.1 | 59.70 | 174.0 | 59.66 | 174.0 | 58.13 | 174.0 | 56.67 | 171.8 | 54.67 |
|        | -8.5              | -9.1     | 178.5                     | 59.59 | 178.5 | 59.86 | 177.2 | 58.83 | 177.2 | 57.30 | 176.4 | 55.86 | 175.1 | 53.89 |
|        | -7                | -7.6     | 183.6                     | 59.80 | 183.6 | 58.66 | 182.3 | 57.58 | 182.3 | 56.06 | 182.3 | 54.65 | 179.7 | 52.74 |
|        | -5                | -5.6     | 190.2                     | 58.33 | 190.2 | 57.12 | 189.1 | 56.03 | 189.1 | 54.54 | 189.1 | 53.11 | 185.8 | 51.30 |
|        | -3                | -3.7     | 196.9                     | 56.86 | 196.9 | 55.58 | 195.7 | 54.44 | 195.7 | 52.97 | 195.7 | 51.57 | 191.4 | 49.71 |
|        | 0                 | -0.7     | 206.9                     | 54.69 | 206.9 | 53.33 | 205.8 | 52.07 | 205.8 | 50.65 | 205.8 | 49.27 | 192.0 | 45.54 |
|        | 3                 | 2.2      | 217.1                     | 52.50 | 217.1 | 51.04 | 215.7 | 49.74 | 213.8 | 47.89 | 206.3 | 44.93 | 192.0 | 43.14 |
|        | 5                 | 4.1      | 219.8                     | 50.13 | 219.8 | 48.59 | 219.2 | 47.44 | 213.8 | 44.96 | 206.3 | 43.09 | 192.0 | 41.76 |
|        | 7                 | 6        | 219.8                     | 47.26 | 219.8 | 45.75 | 219.2 | 44.58 | 213.8 | 42.91 | 206.3 | 41.64 | 192.0 | 40.39 |
|        | 9                 | 7.9      | 219.8                     | 45.90 | 219.8 | 44.41 | 219.2 | 43.14 | 213.8 | 41.88 | 206.3 | 40.63 | 192.0 | 39.41 |
| 120    | 11                | 9.8      | 219.8                     | 45.17 | 219.8 | 43.71 | 219.2 | 42.46 | 213.8 | 41.20 | 206.3 | 39.98 | 192.0 | 38.78 |
|        | 13                | 11.8     | 219.8                     | 44.37 | 219.8 | 42.95 | 219.2 | 41.69 | 213.8 | 40.49 | 206.3 | 39.28 | 192.0 | 38.11 |
|        | 15                | 13.7     | 219.8                     | 43.53 | 219.8 | 42.12 | 219.2 | 40.89 | 213.8 | 39.71 | 206.3 | 38.53 | 192.0 | 37.36 |
|        | -30               | -30.2    | 66.80                     | 56.78 | 66.80 | 57.05 | 66.30 | 57.41 | 66.30 | 57.81 | 66.30 | 58.33 | 64.90 | 58.76 |
|        | -24.8             | -25      | 111.2                     | 57.55 | 111.2 | 57.79 | 110.5 | 58.18 | 110.5 | 58.53 | 110.5 | 59.07 | 108.3 | 59.48 |
|        | -21.8             | -22      | 135.4                     | 57.98 | 135.4 | 58.25 | 134.4 | 58.61 | 134.4 | 58.94 | 134.4 | 59.52 | 132.0 | 59.89 |
|        | -19.8             | -20      | 142.7                     | 58.28 | 142.7 | 58.52 | 141.9 | 58.88 | 141.9 | 59.24 | 141.9 | 59.79 | 139.0 | 60.16 |
|        | -18.8             | -19      | 146.1                     | 58.41 | 146.1 | 58.66 | 144.9 | 59.02 | 144.9 | 59.37 | 144.9 | 59.93 | 142.2 | 60.32 |
|        | -16.7             | -17      | 152.7                     | 58.72 | 152.7 | 58.96 | 151.6 | 59.32 | 151.6 | 59.65 | 151.6 | 60.23 | 148.6 | 58.79 |
|        | -15               | -15.9    | 157.3                     | 58.91 | 157.3 | 59.15 | 156.3 | 59.51 | 156.3 | 59.86 | 156.3 | 59.10 | 153.3 | 57.71 |
|        | -13.7             | -15      | 161.8                     | 59.13 | 161.8 | 59.37 | 161.0 | 59.73 | 161.0 | 60.10 | 161.0 | 57.97 | 157.9 | 56.66 |
|        | -11.8             | -13      | 167.2                     | 59.39 | 167.2 | 59.65 | 166.2 | 60.01 | 166.2 | 58.52 | 166.2 | 56.59 | 163.7 | 55.30 |
|        | -9.8              | -11      | 172.6                     | 59.68 | 172.6 | 59.92 | 171.5 | 58.30 | 171.5 | 56.88 | 171.5 | 55.12 | 169.8 | 53.90 |
|        | -9.5              | -10      | 174.0                     | 59.70 | 174.0 | 59.66 | 172.6 | 58.05 | 172.6 | 56.64 | 172.6 | 54.89 | 170.7 | 53.68 |
|        | -8.5              | -9.1     | 177.0                     | 59.86 | 177.0 | 58.75 | 176.1 | 57.20 | 176.1 | 55.83 | 176.1 | 54.15 | 174.0 | 52.96 |
|        | -7                | -7.6     | 182.1                     | 58.55 | 182.1 | 57.40 | 180.9 | 55.93 | 180.9 | 54.60 | 180.9 | 53.06 | 178.2 | 51.89 |
|        | -5                | -5.6     | 189.0                     | 56.84 | 189.0 | 55.69 | 187.4 | 54.28 | 187.4 | 53.03 | 187.4 | 51.67 | 180.4 | 49.41 |
|        | -3                | -3.7     | 195.5                     | 55.16 | 195.5 | 54.01 | 194.4 | 52.68 | 194.4 | 51.49 | 194.1 | 50.22 | 180.4 | 46.71 |
|        | 0                 | -0.7     | 205.5                     | 52.65 | 205.5 | 51.45 | 204.2 | 50.26 | 200.4 | 48.25 | 194.1 | 45.79 | 180.4 | 44.82 |
|        | 3                 | 2.2      | 215.7                     | 50.11 | 215.7 | 48.88 | 207.3 | 46.28 | 200.4 | 44.44 | 194.1 | 43.75 | 180.4 | 42.90 |
|        | 5                 | 4.1      | 218.1                     | 47.56 | 215.7 | 45.82 | 207.3 | 43.85 | 200.4 | 42.97 | 194.1 | 42.44 | 180.4 | 41.65 |
|        | 7                 | 6        | 218.1                     | 44.52 | 215.7 | 43.16 | 207.3 | 42.31 | 200.4 | 41.51 | 194.1 | 41.11 | 180.4 | 40.37 |
|        | 9                 | 7.9      | 218.1                     | 43.19 | 215.7 | 42.00 | 207.3 | 41.18 | 200.4 | 40.39 | 194.1 | 40.00 | 180.4 | 39.30 |
|        | 11                | 9.8      | 218.1                     | 42.39 | 215.7 | 41.22 | 207.3 | 40.40 | 200.4 | 39.63 | 194.1 | 39.27 | 180.4 | 38.58 |
|        | 13                | 11.8     | 218.1                     | 41.51 | 215.7 | 40.39 | 207.3 | 39.59 | 200.4 | 38.83 | 194.1 | 38.46 | 180.4 | 37.78 |
|        | 15                | 13.7     | 218.1                     | 40.59 | 215.7 | 39.48 | 207.3 | 38.72 | 200.4 | 37.97 | 194.1 | 37.60 | 180.4 | 36.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 66.50                     | 57.05 | 66.50 | 57.41 | 66.00 | 57.81 | 66.00 | 58.33 | 66.00 | 58.76 | 64.60 | 58.89 |
|        | -24.8             | -25      | 110.7                     | 57.79 | 110.7 | 58.18 | 109.9 | 58.53 | 109.9 | 59.07 | 109.9 | 59.48 | 107.7 | 59.65 |
|        | -21.8             | -22      | 134.4                     | 58.25 | 134.4 | 58.61 | 133.6 | 58.94 | 133.6 | 59.52 | 133.6 | 59.89 | 131.2 | 60.08 |
|        | -19.8             | -20      | 142.0                     | 58.52 | 142.0 | 58.88 | 141.1 | 59.24 | 141.1 | 59.79 | 141.1 | 60.16 | 138.3 | 60.36 |
|        | -18.8             | -19      | 145.1                     | 58.66 | 145.1 | 59.02 | 144.1 | 59.37 | 144.1 | 59.93 | 144.1 | 60.32 | 141.5 | 59.56 |
|        | -16.7             | -17      | 151.8                     | 58.96 | 151.8 | 59.32 | 150.6 | 59.65 | 150.6 | 60.23 | 150.6 | 58.68 | 147.8 | 57.89 |
|        | -15               | -15.9    | 156.3                     | 59.15 | 156.3 | 59.51 | 155.3 | 59.86 | 155.3 | 58.99 | 155.3 | 57.52 | 153.9 | 56.68 |
|        | -13.7             | -15      | 161.0                     | 59.37 | 161.0 | 59.73 | 160.0 | 60.10 | 160.0 | 57.76 | 160.0 | 56.37 | 160.0 | 55.50 |
|        | -11.8             | -13      | 166.2                     | 59.65 | 166.2 | 60.01 | 165.3 | 58.37 | 165.3 | 56.23 | 165.3 | 54.90 | 162.3 | 53.00 |
|        | -9.8              | -11      | 171.8                     | 59.92 | 171.8 | 58.09 | 170.7 | 56.56 | 170.7 | 54.59 | 170.7 | 53.37 | 162.3 | 50.09 |
|        | -9.5              | -10      | 172.6                     | 59.61 | 172.6 | 57.79 | 171.8 | 56.30 | 171.8 | 54.38 | 171.8 | 53.12 | 162.3 | 49.52 |
|        | -8.5              | -9.1     | 176.1                     | 58.58 | 176.1 | 56.83 | 175.1 | 55.41 | 175.1 | 53.55 | 173.9 | 52.02 | 162.3 | 48.78 |
|        | -7                | -7.6     | 181.3                     | 57.02 | 181.3 | 55.38 | 180.1 | 54.05 | 179.8 | 52.24 | 173.9 | 49.46 | 162.3 | 47.67 |
|        | -5                | -5.6     | 187.7                     | 55.05 | 187.7 | 53.56 | 186.0 | 52.18 | 179.8 | 48.95 | 173.9 | 47.22 | 162.3 | 46.24 |
|        | -3                | -3.7     | 194.4                     | 53.08 | 194.4 | 51.73 | 186.0 | 48.76 | 179.8 | 46.74 | 173.9 | 45.83 | 162.3 | 44.83 |
|        | 0                 | -0.7     | 204.3                     | 50.13 | 198.2 | 47.50 | 186.0 | 45.62 | 179.8 | 44.53 | 173.9 | 43.76 | 162.3 | 42.68 |
|        | 3                 | 2.2      | 209.8                     | 46.17 | 198.2 | 43.86 | 186.0 | 43.17 | 179.8 | 42.37 | 173.9 | 41.71 | 162.3 | 40.57 |
|        | 5                 | 4.1      | 209.8                     | 42.89 | 198.2 | 42.13 | 186.0 | 41.57 | 179.8 | 40.89 | 173.9 | 40.32 | 162.3 | 39.14 |
|        | 7                 | 6        | 209.8                     | 40.99 | 198.2 | 40.37 | 186.0 | 39.94 | 179.8 | 39.44 | 173.9 | 38.94 | 162.3 | 37.73 |
|        | 9                 | 7.9      | 209.8                     | 39.72 | 198.2 | 39.12 | 186.0 | 38.69 | 179.8 | 38.22 | 173.9 | 37.72 | 162.3 | 36.55 |
|        | 11                | 9.8      | 209.8                     | 38.79 | 198.2 | 38.21 | 186.0 | 37.79 | 179.8 | 37.31 | 173.9 | 36.84 | 162.3 | 35.69 |
|        | 13                | 11.8     | 209.8                     | 37.80 | 198.2 | 37.24 | 186.0 | 36.82 | 179.8 | 36.36 | 173.9 | 35.89 | 162.3 | 34.78 |
|        | 15                | 13.7     | 209.8                     | 36.73 | 198.2 | 36.18 | 186.0 | 35.77 | 179.8 | 35.35 | 173.9 | 34.88 | 162.3 | 33.80 |
| 100    | -30               | -30.2    | 66.00                     | 64.50 | 66.00 | 64.18 | 65.70 | 55.41 | 65.70 | 63.24 | 65.70 | 61.56 | 64.40 | 62.68 |
|        | -24.8             | -25      | 110.2                     | 63.31 | 110.2 | 62.97 | 109.6 | 58.36 | 109.6 | 62.05 | 109.6 | 61.69 | 107.2 | 61.49 |
|        | -21.8             | -22      | 133.9                     | 62.65 | 133.9 | 62.27 | 133.1 | 60.05 | 133.1 | 61.39 | 133.1 | 61.76 | 130.7 | 60.83 |
|        | -19.8             | -20      | 141.4                     | 62.18 | 141.4 | 61.82 | 140.4 | 61.10 | 140.4 | 60.92 | 140.4 | 60.80 | 137.6 | 60.36 |
|        | -18.8             | -19      | 144.4                     | 61.94 | 143.6 | 61.60 | 143.6 | 61.24 | 143.6 | 60.68 | 143.6 | 60.32 | 140.9 | 59.39 |
|        | -16.7             | -17      | 150.0                     | 61.49 | 150.0 | 61.11 | 150.0 | 61.52 | 149.2 | 60.23 | 149.2 | 58.31 | 146.5 | 57.35 |
|        | -15               | -15.9    | 155.2                     | 61.12 | 155.2 | 60.76 | 154.7 | 60.80 | 154.4 | 58.78 | 154.4 | 56.87 | 148.3 | 54.75 |
|        | -13.7             | -15      | 160.2                     | 60.78 | 160.2 | 60.44 | 159.4 | 60.10 | 159.4 | 57.33 | 159.3 | 55.43 | 148.3 | 51.65 |
|        | -11.8             | -13      | 165.3                     | 60.37 | 164.5 | 60.01 | 164.5 | 58.18 | 164.5 | 55.50 | 159.3 | 51.94 | 148.3 | 49.90 |
|        | -9.8              | -11      | 171.0                     | 59.92 | 171.0 | 57.87 | 170.1 | 56.16 | 164.7 | 51.89 | 159.3 | 49.11 | 148.3 | 48.07 |
|        | -9.5              | -10      | 171.8                     | 59.57 | 171.8 | 57.53 | 170.1 | 55.53 | 164.7 | 51.33 | 159.3 | 48.84 | 148.3 | 47.80 |
|        | -8.5              | -9.1     | 175.3                     | 58.48 | 175.3 | 56.47 | 170.1 | 53.49 | 164.7 | 49.66 | 159.3 | 47.94 | 148.3 | 46.87 |
|        | -7                | -7.6     | 183.2                     | 56.79 | 180.9 | 54.42 | 170.1 | 50.59 | 164.7 | 48.29 | 159.3 | 46.59 | 148.3 | 45.51 |
|        | -5                | -5.6     | 191.2                     | 54.66 | 180.9 | 50.48 | 170.1 | 48.77 | 164.7 | 46.57 | 159.3 | 44.89 | 148.3 | 43.77 |
|        | -3                | -3.7     | 191.9                     | 51.26 | 180.9 | 48.18 | 170.1 | 46.95 | 164.7 | 44.84 | 159.3 | 43.17 | 148.3 | 42.02 |
|        | 0                 | -0.7     | 191.9                     | 46.79 | 180.9 | 45.25 | 170.1 | 44.19 | 164.7 | 42.23 | 159.3 | 40.58 | 148.3 | 39.38 |
|        | 3                 | 2.2      | 191.9                     | 43.73 | 180.9 | 42.35 | 170.1 | 41.45 | 164.7 | 39.62 | 159.3 | 38.02 | 148.3 | 36.76 |
|        | 5                 | 4.1      | 191.9                     | 41.71 | 180.9 | 40.38 | 170.1 | 39.61 | 164.7 | 37.88 | 159.3 | 36.29 | 148.3 | 35.00 |
|        | 7                 | 6        | 191.9                     | 39.68 | 180.9 | 38.44 | 170.1 | 37.78 | 164.7 | 36.14 | 159.3 | 34.59 | 148.3 | 33.25 |
|        | 9                 | 7.9      | 191.9                     | 38.25 | 180.9 | 37.08 | 170.1 | 36.42 | 164.7 | 34.83 | 159.3 | 33.34 | 148.3 | 32.06 |
|        | 11                | 9.8      | 191.9                     | 37.18 | 180.9 | 35.99 | 170.1 | 35.38 | 164.7 | 33.83 | 159.3 | 32.36 | 148.3 | 31.13 |
|        | 13                | 11.8     | 191.9                     | 36.00 | 180.9 | 34.86 | 170.1 | 34.25 | 164.7 | 32.78 | 159.3 | 31.35 | 148.3 | 30.16 |
|        | 15                | 13.7     | 191.9                     | 34.75 | 180.9 | 33.66 | 170.1 | 33.06 | 164.7 | 31.66 | 159.3 | 30.26 | 148.3 | 29.12 |
| 90     | -30               | -30.2    | 66.00                     | 56.02 | 66.00 | 56.53 | 65.40 | 56.93 | 65.40 | 57.10 | 65.40 | 57.53 | 64.10 | 63.38 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 109.9                     | 56.74 | 109.9 | 57.30 | 109.1 | 57.70 | 109.1 | 57.87 | 109.1 | 58.25 | 106.9 | 58.81 |
|        | -21.8             | -22      | 133.4                     | 57.16 | 133.4 | 57.73 | 132.6 | 58.13 | 132.6 | 58.30 | 132.6 | 58.68 | 130.0 | 56.17 |
|        | -19.8             | -20      | 140.9                     | 57.47 | 140.9 | 58.01 | 139.9 | 58.42 | 139.9 | 58.59 | 139.9 | 56.89 | 135.5 | 53.73 |
|        | -18.8             | -19      | 144.4                     | 57.61 | 143.6 | 58.16 | 143.1 | 58.54 | 143.1 | 57.66 | 143.1 | 56.00 | 135.5 | 51.75 |
|        | -16.7             | -17      | 150.0                     | 57.91 | 150.0 | 58.45 | 149.4 | 56.65 | 149.4 | 55.75 | 146.0 | 52.90 | 135.5 | 49.11 |
|        | -15               | -15.9    | 155.2                     | 58.10 | 155.2 | 57.06 | 154.1 | 55.31 | 150.9 | 53.25 | 146.0 | 50.85 | 135.5 | 47.88 |
|        | -13.7             | -15      | 160.2                     | 58.32 | 160.2 | 55.65 | 155.6 | 52.86 | 150.9 | 50.40 | 146.0 | 48.86 | 135.5 | 46.66 |
|        | -11.8             | -13      | 165.3                     | 56.43 | 164.5 | 53.90 | 155.6 | 49.63 | 150.9 | 48.69 | 146.0 | 47.26 | 135.5 | 45.10 |
|        | -9.8              | -11      | 171.0                     | 54.43 | 165.3 | 50.30 | 155.6 | 47.92 | 150.9 | 46.97 | 146.0 | 45.62 | 135.5 | 43.47 |
|        | -9.5              | -10      | 171.8                     | 54.12 | 165.3 | 49.78 | 155.6 | 47.65 | 150.9 | 46.70 | 146.0 | 45.38 | 135.5 | 43.23 |
|        | -8.5              | -9.1     | 175.3                     | 53.14 | 165.3 | 48.34 | 155.6 | 46.83 | 150.9 | 45.87 | 146.0 | 44.52 | 135.5 | 42.42 |
|        | -7                | -7.6     | 175.8                     | 49.55 | 165.3 | 46.96 | 155.6 | 45.55 | 150.9 | 44.59 | 146.0 | 43.28 | 135.5 | 41.19 |
|        | -5                | -5.6     | 175.8                     | 47.19 | 165.3 | 45.29 | 155.6 | 43.94 | 150.9 | 42.93 | 146.0 | 41.69 | 135.5 | 39.65 |
|        | -3                | -3.7     | 175.8                     | 45.40 | 165.3 | 43.60 | 155.6 | 42.33 | 150.9 | 41.30 | 146.0 | 40.09 | 135.5 | 38.07 |
|        | 0                 | -0.7     | 175.8                     | 42.68 | 165.3 | 41.08 | 155.6 | 39.93 | 150.9 | 38.84 | 146.0 | 37.71 | 135.5 | 35.75 |
|        | 3                 | 2.2      | 175.8                     | 39.96 | 165.3 | 38.58 | 155.6 | 37.50 | 150.9 | 36.39 | 146.0 | 35.30 | 135.5 | 33.40 |
|        | 5                 | 4.1      | 175.8                     | 38.14 | 165.3 | 36.89 | 155.6 | 35.89 | 150.9 | 34.75 | 146.0 | 33.72 | 135.5 | 31.84 |
|        | 7                 | 6        | 175.8                     | 36.34 | 165.3 | 35.23 | 155.6 | 34.28 | 150.9 | 33.11 | 146.0 | 32.13 | 135.5 | 30.30 |
|        | 9                 | 7.9      | 175.8                     | 34.63 | 165.3 | 33.56 | 155.6 | 32.66 | 150.9 | 31.54 | 146.0 | 30.61 | 135.5 | 28.86 |
|        | 11                | 9.8      | 175.8                     | 32.91 | 165.3 | 31.90 | 155.6 | 31.05 | 150.9 | 30.00 | 146.0 | 29.10 | 135.5 | 27.45 |
|        | 13                | 11.8     | 175.8                     | 31.22 | 165.3 | 30.26 | 155.6 | 29.44 | 150.9 | 28.43 | 146.0 | 27.59 | 135.5 | 26.00 |
|        | 15                | 13.7     | 175.8                     | 29.50 | 165.3 | 28.60 | 155.6 | 27.81 | 150.9 | 26.86 | 146.0 | 26.06 | 135.5 | 24.60 |
| 80     | -30               | -30.2    | 65.50                     | 49.37 | 65.50 | 49.95 | 65.20 | 50.38 | 65.20 | 49.87 | 65.20 | 56.28 | 63.90 | 53.92 |
|        | -24.8             | -25      | 109.4                     | 50.17 | 109.4 | 50.74 | 108.6 | 51.14 | 108.6 | 51.31 | 108.6 | 52.25 | 106.4 | 50.06 |
|        | -21.8             | -22      | 132.0                     | 50.63 | 132.0 | 51.18 | 132.0 | 51.58 | 132.0 | 52.13 | 130.1 | 49.24 | 121.2 | 45.40 |
|        | -19.8             | -20      | 139.3                     | 50.92 | 139.3 | 51.48 | 139.1 | 51.97 | 135.0 | 48.93 | 130.1 | 45.92 | 121.2 | 43.96 |
|        | -18.8             | -19      | 142.5                     | 51.08 | 142.5 | 52.01 | 139.3 | 50.08 | 135.0 | 47.22 | 130.1 | 45.22 | 121.2 | 43.29 |
|        | -16.7             | -17      | 146.9                     | 51.94 | 146.9 | 50.32 | 139.3 | 46.99 | 135.0 | 45.55 | 130.1 | 43.68 | 121.2 | 41.82 |
|        | -15               | -15.9    | 150.1                     | 50.67 | 148.2 | 48.94 | 139.3 | 45.82 | 135.0 | 44.39 | 130.1 | 42.59 | 121.2 | 40.77 |
|        | -13.7             | -15      | 153.4                     | 49.42 | 148.2 | 47.14 | 139.3 | 44.65 | 135.0 | 43.25 | 130.1 | 41.52 | 121.2 | 39.73 |
|        | -11.8             | -13      | 157.4                     | 47.82 | 148.2 | 44.98 | 139.3 | 43.19 | 135.0 | 41.83 | 130.1 | 40.14 | 121.2 | 38.42 |
|        | -9.8              | -11      | 157.4                     | 44.96 | 148.2 | 42.84 | 139.3 | 41.67 | 135.0 | 40.29 | 130.1 | 38.71 | 121.2 | 37.04 |
|        | -9.5              | -10      | 157.4                     | 44.40 | 148.2 | 42.37 | 139.3 | 41.43 | 135.0 | 40.07 | 130.1 | 38.49 | 121.2 | 36.83 |
|        | -8.5              | -9.1     | 157.4                     | 43.22 | 148.2 | 41.48 | 139.3 | 40.66 | 135.0 | 39.31 | 130.1 | 37.78 | 121.2 | 36.16 |
|        | -7                | -7.6     | 157.4                     | 41.60 | 148.2 | 40.31 | 139.3 | 39.51 | 135.0 | 38.17 | 130.1 | 36.72 | 121.2 | 35.10 |
|        | -5                | -5.6     | 157.4                     | 40.08 | 148.2 | 38.88 | 139.3 | 38.04 | 135.0 | 36.74 | 130.1 | 35.32 | 121.2 | 33.80 |
|        | -3                | -3.7     | 157.4                     | 38.57 | 148.2 | 37.41 | 139.3 | 36.59 | 135.0 | 35.26 | 130.1 | 33.95 | 121.2 | 32.46 |
|        | 0                 | -0.7     | 157.4                     | 36.30 | 148.2 | 35.21 | 139.3 | 34.37 | 135.0 | 33.10 | 130.1 | 31.88 | 121.2 | 30.48 |
|        | 3                 | 2.2      | 157.4                     | 34.03 | 148.2 | 33.03 | 139.3 | 32.16 | 135.0 | 30.91 | 130.1 | 29.84 | 121.2 | 28.52 |
|        | 5                 | 4.1      | 157.4                     | 32.52 | 148.2 | 31.57 | 139.3 | 30.69 | 135.0 | 29.46 | 130.1 | 28.47 | 121.2 | 27.18 |
|        | 7                 | 6        | 157.4                     | 31.00 | 148.2 | 30.10 | 139.3 | 29.22 | 135.0 | 28.00 | 130.1 | 27.07 | 121.2 | 25.86 |
|        | 9                 | 7.9      | 157.4                     | 29.11 | 148.2 | 28.27 | 139.3 | 27.44 | 135.0 | 26.30 | 130.1 | 25.43 | 121.2 | 24.29 |
|        | 11                | 9.8      | 157.4                     | 27.02 | 148.2 | 26.25 | 139.3 | 25.48 | 135.0 | 24.40 | 130.1 | 23.60 | 121.2 | 22.54 |
|        | 13                | 11.8     | 157.4                     | 25.22 | 148.2 | 24.50 | 139.3 | 23.78 | 135.0 | 22.78 | 130.1 | 22.04 | 121.2 | 21.03 |
|        | 15                | 13.7     | 157.4                     | 23.76 | 148.2 | 23.05 | 139.3 | 22.39 | 135.0 | 21.46 | 130.1 | 20.74 | 121.2 | 19.80 |
| 70     | -30               | -30.2    | 65.50                     | 49.21 | 65.50 | 49.44 | 65.20 | 49.81 | 65.20 | 55.49 | 65.20 | 52.85 | 63.90 | 50.43 |
|        | -24.8             | -25      | 109.4                     | 50.00 | 109.4 | 50.20 | 108.6 | 50.58 | 108.6 | 51.12 | 108.6 | 48.73 | 103.7 | 45.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 125.8                     | 50.46 | 125.8 | 50.64 | 118.5 | 48.41 | 114.5 | 46.13 | 111.0 | 43.99 | 103.7 | 41.92 |
|        | -19.8             | -20      | 133.4                     | 49.49 | 126.1 | 48.32 | 118.5 | 46.73 | 114.5 | 44.54 | 111.0 | 42.52 | 103.7 | 40.49 |
|        | -18.8             | -19      | 133.4                     | 48.29 | 126.1 | 47.49 | 118.5 | 45.91 | 114.5 | 43.74 | 111.0 | 41.76 | 103.7 | 39.76 |
|        | -16.7             | -17      | 133.4                     | 46.53 | 126.1 | 45.66 | 118.5 | 44.16 | 114.5 | 42.09 | 111.0 | 40.21 | 103.7 | 38.25 |
|        | -15               | -15.9    | 133.4                     | 45.25 | 126.1 | 44.38 | 118.5 | 42.91 | 114.5 | 40.89 | 111.0 | 39.10 | 103.7 | 37.19 |
|        | -13.7             | -15      | 133.4                     | 43.98 | 126.1 | 43.11 | 118.5 | 41.68 | 114.5 | 39.72 | 111.0 | 38.01 | 103.7 | 36.12 |
|        | -11.8             | -13      | 133.4                     | 42.37 | 126.1 | 41.48 | 118.5 | 40.11 | 114.5 | 38.24 | 111.0 | 36.60 | 103.7 | 34.77 |
|        | -9.8              | -11      | 133.4                     | 40.71 | 126.1 | 39.77 | 118.5 | 38.46 | 114.5 | 36.67 | 111.0 | 35.14 | 103.7 | 33.36 |
|        | -9.5              | -10      | 133.4                     | 40.45 | 126.1 | 39.53 | 118.5 | 38.20 | 114.5 | 36.43 | 111.0 | 34.92 | 103.7 | 33.15 |
|        | -8.5              | -9.1     | 133.4                     | 39.60 | 126.1 | 38.68 | 118.5 | 37.40 | 114.5 | 35.66 | 111.0 | 34.18 | 103.7 | 32.45 |
|        | -7                | -7.6     | 133.4                     | 38.36 | 126.1 | 37.43 | 118.5 | 36.18 | 114.5 | 34.49 | 111.0 | 33.09 | 103.7 | 31.37 |
|        | -5                | -5.6     | 133.4                     | 36.74 | 126.1 | 35.76 | 118.5 | 34.58 | 114.5 | 32.98 | 111.0 | 31.69 | 103.7 | 30.05 |
|        | -3                | -3.7     | 133.4                     | 35.13 | 126.1 | 34.15 | 118.5 | 33.01 | 114.5 | 31.48 | 111.0 | 30.26 | 103.7 | 28.67 |
|        | 0                 | -0.7     | 133.4                     | 32.70 | 126.1 | 31.70 | 118.5 | 30.64 | 114.5 | 29.23 | 111.0 | 28.16 | 103.7 | 26.63 |
|        | 3                 | 2.2      | 133.4                     | 30.27 | 126.1 | 29.23 | 118.5 | 28.25 | 114.5 | 26.96 | 111.0 | 26.06 | 103.7 | 24.57 |
|        | 5                 | 4.1      | 133.4                     | 28.68 | 126.1 | 27.60 | 118.5 | 26.69 | 114.5 | 25.47 | 111.0 | 24.63 | 103.7 | 23.23 |
|        | 7                 | 6        | 133.4                     | 27.05 | 126.1 | 25.96 | 118.5 | 25.09 | 114.5 | 23.97 | 111.0 | 23.26 | 103.7 | 21.85 |
|        | 9                 | 7.9      | 133.4                     | 24.45 | 126.1 | 23.47 | 118.5 | 22.65 | 114.5 | 21.65 | 111.0 | 20.98 | 103.7 | 19.74 |
|        | 11                | 9.8      | 133.4                     | 22.75 | 126.1 | 21.83 | 118.5 | 21.11 | 114.5 | 20.15 | 111.0 | 19.55 | 103.7 | 18.36 |
|        | 13                | 11.8     | 133.4                     | 21.30 | 126.1 | 20.43 | 118.5 | 19.74 | 114.5 | 18.86 | 111.0 | 18.28 | 103.7 | 17.19 |
|        | 15                | 13.7     | 133.4                     | 20.07 | 126.1 | 19.26 | 118.5 | 18.62 | 114.5 | 17.78 | 111.0 | 17.22 | 103.7 | 16.21 |
| 60     | -30               | -30.2    | 64.80                     | 48.78 | 64.80 | 49.15 | 64.20 | 55.27 | 62.10 | 52.35 | 60.00 | 49.64 | 56.20 | 47.23 |
|        | -24.8             | -25      | 107.8                     | 49.58 | 107.8 | 49.95 | 101.5 | 47.94 | 98.30 | 45.47 | 94.80 | 43.15 | 88.80 | 40.98 |
|        | -21.8             | -22      | 114.5                     | 49.60 | 108.3 | 47.83 | 101.5 | 45.37 | 98.30 | 43.06 | 94.80 | 40.89 | 88.80 | 38.78 |
|        | -19.8             | -20      | 114.5                     | 47.76 | 108.3 | 46.02 | 101.5 | 43.66 | 98.30 | 41.45 | 94.80 | 39.37 | 88.80 | 37.33 |
|        | -18.8             | -19      | 114.5                     | 46.85 | 108.3 | 45.13 | 101.5 | 42.82 | 98.30 | 40.67 | 94.80 | 38.62 | 88.80 | 36.59 |
|        | -16.7             | -17      | 114.5                     | 44.93 | 108.3 | 43.23 | 101.5 | 41.01 | 98.30 | 38.98 | 94.80 | 37.05 | 88.80 | 35.08 |
|        | -15               | -15.9    | 114.5                     | 43.58 | 108.3 | 41.87 | 101.5 | 39.74 | 98.30 | 37.79 | 94.80 | 35.92 | 88.80 | 33.99 |
|        | -13.7             | -15      | 114.5                     | 42.23 | 108.3 | 40.55 | 101.5 | 38.47 | 98.30 | 36.60 | 94.80 | 34.80 | 88.80 | 32.91 |
|        | -11.8             | -13      | 114.5                     | 40.52 | 108.3 | 38.84 | 101.5 | 36.87 | 98.30 | 35.09 | 94.80 | 33.38 | 88.80 | 31.54 |
|        | -9.8              | -11      | 114.5                     | 38.70 | 108.3 | 37.05 | 101.5 | 35.19 | 98.30 | 33.51 | 94.80 | 31.90 | 88.80 | 30.10 |
|        | -9.5              | -10      | 114.5                     | 38.44 | 108.3 | 36.78 | 101.5 | 34.95 | 98.30 | 33.27 | 94.80 | 31.67 | 88.80 | 29.89 |
|        | -8.5              | -9.1     | 114.5                     | 37.54 | 108.3 | 35.91 | 101.5 | 34.11 | 98.30 | 32.50 | 94.80 | 30.94 | 88.80 | 29.18 |
|        | -7                | -7.6     | 114.5                     | 36.22 | 108.3 | 34.59 | 101.5 | 32.84 | 98.30 | 31.31 | 94.80 | 29.83 | 88.80 | 28.10 |
|        | -5                | -5.6     | 114.5                     | 34.46 | 108.3 | 32.85 | 101.5 | 31.24 | 98.30 | 29.78 | 94.80 | 28.40 | 88.80 | 26.73 |
|        | -3                | -3.7     | 114.5                     | 32.74 | 108.3 | 31.14 | 101.5 | 29.61 | 98.30 | 28.26 | 94.80 | 26.95 | 88.80 | 25.33 |
|        | 0                 | -0.7     | 114.5                     | 30.12 | 108.3 | 28.54 | 101.5 | 27.16 | 98.30 | 25.97 | 94.80 | 24.81 | 88.80 | 23.25 |
|        | 3                 | 2.2      | 114.5                     | 27.52 | 108.3 | 25.96 | 101.5 | 24.72 | 98.30 | 23.69 | 94.80 | 22.66 | 88.80 | 21.17 |
|        | 5                 | 4.1      | 114.5                     | 25.78 | 108.3 | 24.25 | 101.5 | 23.11 | 98.30 | 22.16 | 94.80 | 21.23 | 88.80 | 19.79 |
|        | 7                 | 6        | 114.5                     | 24.05 | 108.3 | 22.52 | 101.5 | 21.48 | 98.30 | 20.64 | 94.80 | 19.80 | 88.80 | 18.41 |
|        | 9                 | 7.9      | 114.5                     | 21.46 | 108.3 | 20.10 | 101.5 | 19.15 | 98.30 | 18.43 | 94.80 | 17.67 | 88.80 | 16.42 |
|        | 11                | 9.8      | 114.5                     | 20.03 | 108.3 | 18.76 | 101.5 | 17.88 | 98.30 | 17.21 | 94.80 | 16.50 | 88.80 | 15.34 |
|        | 13                | 11.8     | 114.5                     | 18.76 | 108.3 | 17.57 | 101.5 | 16.77 | 98.30 | 16.12 | 94.80 | 15.45 | 88.80 | 14.36 |
|        | 15                | 13.7     | 114.5                     | 17.73 | 108.3 | 16.61 | 101.5 | 15.84 | 98.30 | 15.21 | 94.80 | 14.62 | 88.80 | 13.59 |
| 50     | -30               | -30.2    | 60.50                     | 42.29 | 57.00 | 47.75 | 53.50 | 45.24 | 51.80 | 42.87 | 50.00 | 40.63 | 46.70 | 38.62 |
|        | -24.8             | -25      | 95.60                     | 40.87 | 90.20 | 41.40 | 84.70 | 39.23 | 82.00 | 37.21 | 79.10 | 35.31 | 73.70 | 33.51 |
|        | -21.8             | -22      | 95.60                     | 41.31 | 90.20 | 39.16 | 84.70 | 37.12 | 82.00 | 35.22 | 79.10 | 33.44 | 73.70 | 31.70 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 95.60                     | 39.74 | 90.20 | 37.65 | 84.70 | 35.72 | 82.00 | 33.89 | 79.10 | 32.19 | 73.70 | 30.50 |
|        | -18.8             | -19      | 95.60                     | 38.97 | 90.20 | 36.90 | 84.70 | 35.05 | 82.00 | 33.23 | 79.10 | 31.58 | 73.70 | 29.94 |
|        | -16.7             | -17      | 95.60                     | 37.34 | 90.20 | 35.35 | 84.70 | 33.56 | 82.00 | 31.82 | 79.10 | 30.28 | 73.70 | 28.69 |
|        | -15               | -15.9    | 95.60                     | 36.17 | 90.20 | 34.22 | 84.70 | 32.52 | 82.00 | 30.83 | 79.10 | 29.35 | 73.70 | 27.79 |
|        | -13.7             | -15      | 95.60                     | 35.01 | 90.20 | 33.10 | 84.70 | 31.47 | 82.00 | 29.85 | 79.10 | 28.44 | 73.70 | 26.91 |
|        | -11.8             | -13      | 95.60                     | 33.52 | 90.20 | 31.72 | 84.70 | 30.18 | 82.00 | 28.62 | 79.10 | 27.28 | 73.70 | 25.79 |
|        | -9.8              | -11      | 95.60                     | 32.00 | 90.20 | 30.24 | 84.70 | 28.78 | 82.00 | 27.30 | 79.10 | 26.05 | 73.70 | 24.63 |
|        | -9.5              | -10      | 95.60                     | 31.77 | 90.20 | 30.02 | 84.70 | 28.57 | 82.00 | 27.11 | 79.10 | 25.89 | 73.70 | 24.44 |
|        | -8.5              | -9.1     | 95.60                     | 31.02 | 90.20 | 29.27 | 84.70 | 27.90 | 82.00 | 26.47 | 79.10 | 25.28 | 73.70 | 23.85 |
|        | -7                | -7.6     | 95.60                     | 29.84 | 90.20 | 28.18 | 84.70 | 26.87 | 82.00 | 25.49 | 79.10 | 24.36 | 73.70 | 22.98 |
|        | -5                | -5.6     | 95.60                     | 28.35 | 90.20 | 26.76 | 84.70 | 25.54 | 82.00 | 24.24 | 79.10 | 23.19 | 73.70 | 21.85 |
|        | -3                | -3.7     | 95.60                     | 26.89 | 90.20 | 25.33 | 84.70 | 24.19 | 82.00 | 22.95 | 79.10 | 22.00 | 73.70 | 20.71 |
|        | 0                 | -0.7     | 95.60                     | 24.65 | 90.20 | 23.17 | 84.70 | 22.19 | 82.00 | 21.07 | 79.10 | 20.25 | 73.70 | 19.01 |
|        | 3                 | 2.2      | 95.60                     | 22.41 | 90.20 | 21.05 | 84.70 | 20.20 | 82.00 | 19.17 | 79.10 | 18.49 | 73.70 | 17.32 |
|        | 5                 | 4.1      | 95.60                     | 20.92 | 90.20 | 19.63 | 84.70 | 18.87 | 82.00 | 17.90 | 79.10 | 17.32 | 73.70 | 16.18 |
|        | 7                 | 6        | 95.60                     | 19.44 | 90.20 | 18.20 | 84.70 | 17.54 | 82.00 | 16.64 | 79.10 | 16.13 | 73.70 | 15.07 |
|        | 9                 | 7.9      | 95.60                     | 17.56 | 90.20 | 16.43 | 84.70 | 15.83 | 82.00 | 15.04 | 79.10 | 14.57 | 73.70 | 13.61 |
|        | 11                | 9.8      | 95.60                     | 16.43 | 90.20 | 15.37 | 84.70 | 14.80 | 82.00 | 14.07 | 79.10 | 13.64 | 73.70 | 12.71 |
|        | 13                | 11.8     | 95.60                     | 15.42 | 90.20 | 14.44 | 84.70 | 13.90 | 82.00 | 13.22 | 79.10 | 12.79 | 73.70 | 11.94 |
|        | 15                | 13.7     | 95.60                     | 14.60 | 90.20 | 13.67 | 84.70 | 13.16 | 82.00 | 12.49 | 79.10 | 12.13 | 73.70 | 11.29 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM560LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 69.20                     | 58.59 | 69.20 | 59.05 | 68.70 | 59.45 | 68.70 | 60.03 | 68.70 | 60.60 | 67.70 | 61.47 |
|        | -24.8             | -25      | 115.2                     | 59.91 | 115.2 | 60.36 | 114.4 | 60.74 | 114.4 | 61.34 | 114.4 | 61.89 | 113.0 | 62.75 |
|        | -21.8             | -22      | 140.4                     | 60.67 | 140.4 | 61.10 | 139.6 | 61.50 | 139.6 | 62.08 | 139.6 | 62.62 | 137.6 | 63.51 |
|        | -19.8             | -20      | 148.4                     | 61.16 | 148.4 | 61.60 | 147.4 | 61.98 | 147.4 | 62.55 | 147.4 | 63.11 | 145.4 | 63.98 |
|        | -18.8             | -19      | 151.7                     | 61.39 | 151.7 | 61.84 | 150.9 | 62.22 | 150.9 | 62.79 | 150.9 | 63.35 | 148.7 | 64.22 |
|        | -16.7             | -17      | 158.7                     | 61.92 | 158.7 | 62.36 | 157.9 | 62.74 | 157.9 | 63.30 | 157.9 | 63.84 | 155.7 | 64.73 |
|        | -15               | -15.9    | 163.8                     | 62.26 | 163.8 | 62.70 | 162.9 | 63.08 | 162.9 | 63.64 | 162.9 | 64.20 | 160.7 | 63.49 |
|        | -13.7             | -15      | 169.0                     | 62.65 | 169.0 | 63.07 | 168.0 | 63.45 | 168.0 | 64.01 | 168.0 | 64.59 | 165.6 | 62.28 |
|        | -11.8             | -13      | 174.6                     | 63.09 | 174.6 | 63.53 | 173.3 | 63.93 | 173.3 | 64.49 | 173.3 | 62.94 | 171.5 | 60.73 |
|        | -9.8              | -11      | 180.4                     | 63.59 | 180.4 | 64.01 | 179.5 | 64.39 | 179.5 | 62.78 | 179.5 | 61.25 | 177.7 | 59.12 |
|        | -9.5              | -10      | 181.8                     | 63.65 | 181.8 | 64.07 | 180.6 | 64.12 | 180.6 | 62.52 | 180.3 | 61.00 | 178.5 | 58.89 |
|        | -8.5              | -9.1     | 186.5                     | 63.90 | 186.5 | 64.32 | 185.2 | 63.26 | 185.2 | 61.66 | 183.0 | 60.14 | 181.8 | 58.07 |
|        | -7                | -7.6     | 193.5                     | 64.25 | 193.5 | 63.08 | 192.1 | 61.97 | 192.1 | 60.37 | 192.1 | 58.88 | 187.9 | 56.86 |
|        | -5                | -5.6     | 202.6                     | 62.76 | 202.6 | 61.50 | 201.3 | 60.35 | 201.3 | 58.79 | 201.1 | 57.21 | 194.1 | 55.26 |
|        | -3                | -3.7     | 210.9                     | 61.00 | 210.9 | 59.67 | 209.9 | 58.53 | 208.3 | 56.55 | 206.1 | 54.51 | 198.5 | 53.15 |
|        | 0                 | -0.7     | 218.3                     | 57.25 | 218.3 | 55.84 | 217.3 | 54.61 | 215.7 | 53.02 | 213.5 | 51.59 | 199.1 | 48.61 |
|        | 3                 | 2.2      | 225.9                     | 55.01 | 225.9 | 53.49 | 224.7 | 52.14 | 221.7 | 50.36 | 213.9 | 47.72 | 199.1 | 45.95 |
|        | 5                 | 4.1      | 227.9                     | 52.88 | 227.9 | 51.27 | 227.3 | 50.01 | 221.7 | 47.75 | 213.9 | 45.93 | 199.1 | 44.52 |
|        | 7                 | 6        | 227.9                     | 50.38 | 227.9 | 48.76 | 227.3 | 47.47 | 221.7 | 45.80 | 213.9 | 44.45 | 199.1 | 43.12 |
|        | 9                 | 7.9      | 227.9                     | 49.06 | 227.9 | 47.49 | 227.3 | 46.12 | 221.7 | 44.77 | 213.9 | 43.44 | 199.1 | 42.13 |
| 120    | 11                | 9.8      | 227.9                     | 48.37 | 227.9 | 46.80 | 227.3 | 45.46 | 221.7 | 44.11 | 213.9 | 42.81 | 199.1 | 41.53 |
|        | 13                | 11.8     | 227.9                     | 47.59 | 227.9 | 46.07 | 227.3 | 44.72 | 221.7 | 43.44 | 213.9 | 42.13 | 199.1 | 40.88 |
|        | 15                | 13.7     | 227.9                     | 46.78 | 227.9 | 45.27 | 227.3 | 43.94 | 221.7 | 42.68 | 213.9 | 41.40 | 199.1 | 40.16 |
|        | -30               | -30.2    | 68.70                     | 59.05 | 68.70 | 59.45 | 68.10 | 60.03 | 68.10 | 60.60 | 68.10 | 61.47 | 67.10 | 62.13 |
|        | -24.8             | -25      | 114.4                     | 60.36 | 114.4 | 60.74 | 113.6 | 61.34 | 113.6 | 61.89 | 113.6 | 62.75 | 112.0 | 63.38 |
|        | -21.8             | -22      | 139.6                     | 61.10 | 139.6 | 61.50 | 138.6 | 62.08 | 138.6 | 62.62 | 138.6 | 63.51 | 136.8 | 64.10 |
|        | -19.8             | -20      | 147.4                     | 61.60 | 147.4 | 61.98 | 146.4 | 62.55 | 146.4 | 63.11 | 146.4 | 63.98 | 144.2 | 64.58 |
|        | -18.8             | -19      | 150.8                     | 61.84 | 150.8 | 62.22 | 149.7 | 62.79 | 149.7 | 63.35 | 149.7 | 64.22 | 147.7 | 64.83 |
|        | -16.7             | -17      | 157.8                     | 62.36 | 157.8 | 62.74 | 156.8 | 63.30 | 156.8 | 63.84 | 156.8 | 64.73 | 154.6 | 63.23 |
|        | -15               | -15.9    | 162.8                     | 62.70 | 162.8 | 63.08 | 161.7 | 63.64 | 161.7 | 64.20 | 161.7 | 63.54 | 159.5 | 62.10 |
|        | -13.7             | -15      | 167.6                     | 63.07 | 167.6 | 63.45 | 166.7 | 64.01 | 166.7 | 64.59 | 166.7 | 62.37 | 164.5 | 60.99 |
|        | -11.8             | -13      | 173.3                     | 63.53 | 173.3 | 63.93 | 172.2 | 64.49 | 172.2 | 62.93 | 172.2 | 60.92 | 170.4 | 59.55 |
|        | -9.8              | -11      | 179.0                     | 64.01 | 179.0 | 64.39 | 177.8 | 62.70 | 177.8 | 61.22 | 177.8 | 59.37 | 176.4 | 58.08 |
|        | -9.5              | -10      | 180.6                     | 64.07 | 180.6 | 64.11 | 179.3 | 62.44 | 179.3 | 60.97 | 179.3 | 59.12 | 177.7 | 57.85 |
|        | -8.5              | -9.1     | 185.0                     | 64.32 | 185.0 | 63.17 | 184.0 | 61.55 | 184.0 | 60.11 | 183.5 | 58.36 | 181.7 | 57.09 |
|        | -7                | -7.6     | 191.9                     | 62.95 | 191.9 | 61.76 | 190.8 | 60.22 | 190.8 | 58.83 | 188.6 | 57.20 | 185.0 | 55.59 |
|        | -5                | -5.6     | 201.3                     | 61.20 | 201.3 | 59.99 | 199.7 | 58.51 | 198.2 | 56.77 | 196.3 | 54.82 | 187.0 | 52.84 |
|        | -3                | -3.7     | 209.4                     | 59.21 | 208.7 | 57.82 | 205.4 | 55.86 | 203.4 | 54.10 | 201.3 | 52.59 | 187.0 | 49.80 |
|        | 0                 | -0.7     | 216.8                     | 55.12 | 216.1 | 53.84 | 212.6 | 52.61 | 207.8 | 50.78 | 201.3 | 48.68 | 187.0 | 47.68 |
| 110    | 3                 | 2.2      | 224.4                     | 52.53 | 223.7 | 51.26 | 215.0 | 48.99 | 207.8 | 47.32 | 201.3 | 46.60 | 187.0 | 45.71 |
|        | 5                 | 4.1      | 226.2                     | 50.19 | 223.7 | 48.51 | 215.0 | 46.74 | 207.8 | 45.82 | 201.3 | 45.25 | 187.0 | 44.42 |
|        | 7                 | 6        | 226.2                     | 47.48 | 223.7 | 46.07 | 215.0 | 45.16 | 207.8 | 44.31 | 201.3 | 43.88 | 187.0 | 43.09 |
|        | 9                 | 7.9      | 226.2                     | 46.17 | 223.7 | 44.90 | 215.0 | 44.02 | 207.8 | 43.18 | 201.3 | 42.76 | 187.0 | 42.01 |
|        | 11                | 9.8      | 226.2                     | 45.38 | 223.7 | 44.13 | 215.0 | 43.26 | 207.8 | 42.44 | 201.3 | 42.03 | 187.0 | 41.30 |
|        | 13                | 11.8     | 226.2                     | 44.51 | 223.7 | 43.31 | 215.0 | 42.46 | 207.8 | 41.64 | 201.3 | 41.24 | 187.0 | 40.51 |
|        | 15                | 13.7     | 226.2                     | 43.60 | 223.7 | 42.41 | 215.0 | 41.59 | 207.8 | 40.79 | 201.3 | 40.39 | 187.0 | 39.69 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 68.30                     | 59.45 | 68.30 | 60.03 | 67.90 | 60.60 | 67.90 | 61.47 | 67.90 | 62.13 | 66.90 | 62.37 |
|        | -24.8             | -25      | 113.8                     | 60.74 | 113.8 | 61.34 | 113.0 | 61.89 | 113.0 | 62.75 | 113.0 | 63.38 | 111.4 | 63.67 |
|        | -21.8             | -22      | 138.6                     | 61.50 | 138.6 | 62.08 | 137.8 | 62.62 | 137.8 | 63.51 | 137.8 | 64.10 | 136.0 | 64.40 |
|        | -19.8             | -20      | 146.5                     | 61.98 | 146.5 | 62.55 | 145.6 | 63.11 | 145.6 | 63.98 | 145.6 | 64.58 | 143.4 | 64.87 |
|        | -18.8             | -19      | 149.7                     | 62.22 | 149.7 | 62.79 | 148.9 | 63.35 | 148.9 | 64.22 | 148.9 | 64.83 | 146.9 | 64.03 |
|        | -16.7             | -17      | 157.0                     | 62.74 | 157.0 | 63.30 | 155.8 | 63.84 | 155.8 | 64.73 | 155.8 | 63.11 | 153.8 | 62.26 |
|        | -15               | -15.9    | 161.8                     | 63.08 | 161.8 | 63.64 | 160.7 | 64.20 | 160.7 | 63.43 | 160.7 | 61.89 | 159.7 | 60.99 |
|        | -13.7             | -15      | 166.8                     | 63.45 | 166.8 | 64.01 | 165.7 | 64.59 | 165.7 | 62.13 | 165.7 | 60.68 | 165.7 | 59.75 |
|        | -11.8             | -13      | 172.2                     | 63.93 | 172.2 | 64.49 | 171.4 | 62.77 | 171.4 | 60.52 | 171.4 | 59.11 | 168.3 | 57.11 |
|        | -9.8              | -11      | 178.2                     | 64.39 | 178.2 | 62.47 | 177.0 | 60.88 | 177.0 | 58.80 | 177.0 | 57.50 | 168.3 | 53.96 |
|        | -9.5              | -10      | 179.3                     | 64.06 | 179.3 | 62.16 | 178.5 | 60.59 | 178.5 | 58.56 | 178.5 | 57.25 | 168.3 | 53.20 |
|        | -8.5              | -9.1     | 184.0                     | 62.99 | 184.0 | 61.15 | 182.9 | 59.65 | 182.9 | 57.70 | 180.3 | 55.75 | 168.3 | 51.92 |
|        | -7                | -7.6     | 191.0                     | 61.36 | 191.0 | 59.63 | 188.5 | 57.82 | 186.5 | 55.43 | 180.3 | 52.94 | 168.3 | 50.58 |
|        | -5                | -5.6     | 200.0                     | 59.29 | 197.7 | 57.07 | 192.9 | 54.81 | 186.5 | 51.72 | 180.3 | 50.40 | 168.3 | 49.10 |
|        | -3                | -3.7     | 206.1                     | 56.43 | 202.7 | 54.14 | 192.9 | 51.55 | 186.5 | 49.65 | 180.3 | 48.71 | 168.3 | 47.63 |
|        | 0                 | -0.7     | 213.3                     | 52.44 | 205.5 | 50.17 | 192.9 | 48.50 | 186.5 | 47.37 | 180.3 | 46.56 | 168.3 | 45.40 |
|        | 3                 | 2.2      | 217.5                     | 48.70 | 205.5 | 46.69 | 192.9 | 45.97 | 186.5 | 45.13 | 180.3 | 44.43 | 168.3 | 43.22 |
|        | 5                 | 4.1      | 217.5                     | 45.70 | 205.5 | 44.91 | 192.9 | 44.32 | 186.5 | 43.60 | 180.3 | 43.00 | 168.3 | 41.73 |
|        | 7                 | 6        | 217.5                     | 43.75 | 205.5 | 43.09 | 192.9 | 42.64 | 186.5 | 42.11 | 180.3 | 41.57 | 168.3 | 40.27 |
|        | 9                 | 7.9      | 217.5                     | 42.46 | 205.5 | 41.82 | 192.9 | 41.36 | 186.5 | 40.85 | 180.3 | 40.32 | 168.3 | 39.07 |
|        | 11                | 9.8      | 217.5                     | 41.52 | 205.5 | 40.90 | 192.9 | 40.45 | 186.5 | 39.95 | 180.3 | 39.43 | 168.3 | 38.21 |
|        | 13                | 11.8     | 217.5                     | 40.53 | 205.5 | 39.93 | 192.9 | 39.48 | 186.5 | 39.00 | 180.3 | 38.49 | 168.3 | 37.29 |
|        | 15                | 13.7     | 217.5                     | 39.45 | 205.5 | 38.86 | 192.9 | 38.42 | 186.5 | 37.97 | 180.3 | 37.47 | 168.3 | 36.30 |
| 100    | -30               | -30.2    | 67.90                     | 67.34 | 67.90 | 67.17 | 67.50 | 58.97 | 67.50 | 66.65 | 67.50 | 65.08 | 66.50 | 66.36 |
|        | -24.8             | -25      | 113.2                     | 66.58 | 113.2 | 66.40 | 112.6 | 62.13 | 112.6 | 65.90 | 112.6 | 65.72 | 110.8 | 65.61 |
|        | -21.8             | -22      | 138.0                     | 66.15 | 138.0 | 65.94 | 137.2 | 63.95 | 137.2 | 65.48 | 137.2 | 66.08 | 135.4 | 65.19 |
|        | -19.8             | -20      | 145.9                     | 65.84 | 145.9 | 65.65 | 144.9 | 65.09 | 144.9 | 65.17 | 144.9 | 65.25 | 142.9 | 64.87 |
|        | -18.8             | -19      | 149.2                     | 65.69 | 148.3 | 65.52 | 148.3 | 65.32 | 148.3 | 65.02 | 148.3 | 64.83 | 146.3 | 63.85 |
|        | -16.7             | -17      | 155.1                     | 65.41 | 155.1 | 65.20 | 155.1 | 65.82 | 154.3 | 64.73 | 154.3 | 62.71 | 152.3 | 61.68 |
|        | -15               | -15.9    | 160.7                     | 65.16 | 160.7 | 64.97 | 160.1 | 65.19 | 159.8 | 63.20 | 159.8 | 61.17 | 153.7 | 58.67 |
|        | -13.7             | -15      | 166.0                     | 64.94 | 166.0 | 64.77 | 165.1 | 64.59 | 165.1 | 61.67 | 165.1 | 59.67 | 153.7 | 55.33 |
|        | -11.8             | -13      | 171.4                     | 64.69 | 170.5 | 64.49 | 170.5 | 62.56 | 170.5 | 59.74 | 165.2 | 55.96 | 153.7 | 52.92 |
|        | -9.8              | -11      | 177.2                     | 64.39 | 177.2 | 62.23 | 176.4 | 60.43 | 170.8 | 55.87 | 165.2 | 52.71 | 153.7 | 50.95 |
|        | -9.5              | -10      | 178.5                     | 64.03 | 178.5 | 61.88 | 176.4 | 59.64 | 170.8 | 55.17 | 165.2 | 52.22 | 153.7 | 50.67 |
|        | -8.5              | -9.1     | 183.1                     | 62.87 | 183.1 | 60.76 | 176.4 | 57.14 | 170.8 | 52.63 | 165.2 | 50.82 | 153.7 | 49.70 |
|        | -7                | -7.6     | 192.5                     | 60.94 | 187.6 | 57.64 | 176.4 | 53.60 | 170.8 | 51.21 | 165.2 | 49.42 | 153.7 | 48.28 |
|        | -5                | -5.6     | 198.5                     | 57.96 | 187.6 | 53.53 | 176.4 | 51.72 | 170.8 | 49.41 | 165.2 | 47.64 | 153.7 | 46.47 |
|        | -3                | -3.7     | 199.1                     | 54.39 | 187.6 | 51.13 | 176.4 | 49.84 | 170.8 | 47.61 | 165.2 | 45.85 | 153.7 | 44.64 |
|        | 0                 | -0.7     | 199.1                     | 49.70 | 187.6 | 48.09 | 176.4 | 46.97 | 170.8 | 44.90 | 165.2 | 43.17 | 153.7 | 41.89 |
|        | 3                 | 2.2      | 199.1                     | 46.55 | 187.6 | 45.08 | 176.4 | 44.13 | 170.8 | 42.19 | 165.2 | 40.49 | 153.7 | 39.15 |
|        | 5                 | 4.1      | 199.1                     | 44.46 | 187.6 | 43.05 | 176.4 | 42.23 | 170.8 | 40.39 | 165.2 | 38.70 | 153.7 | 37.32 |
|        | 7                 | 6        | 199.1                     | 42.36 | 187.6 | 41.03 | 176.4 | 40.32 | 170.8 | 38.57 | 165.2 | 36.92 | 153.7 | 35.49 |
|        | 9                 | 7.9      | 199.1                     | 40.85 | 187.6 | 39.59 | 176.4 | 38.89 | 170.8 | 37.20 | 165.2 | 35.61 | 153.7 | 34.23 |
|        | 11                | 9.8      | 199.1                     | 39.71 | 187.6 | 38.45 | 176.4 | 37.80 | 170.8 | 36.14 | 165.2 | 34.59 | 153.7 | 33.26 |
|        | 13                | 11.8     | 199.1                     | 38.48 | 187.6 | 37.27 | 176.4 | 36.62 | 170.8 | 35.04 | 165.2 | 33.51 | 153.7 | 32.24 |
|        | 15                | 13.7     | 199.1                     | 37.17 | 187.6 | 36.01 | 176.4 | 35.37 | 170.8 | 33.86 | 165.2 | 32.37 | 153.7 | 31.15 |
| 90     | -30               | -30.2    | 67.80                     | 58.40 | 67.80 | 59.24 | 67.30 | 59.86 | 67.30 | 60.14 | 67.30 | 60.78 | 66.30 | 67.73 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 112.9                     | 59.67 | 112.9 | 60.55 | 112.1 | 61.17 | 112.1 | 61.44 | 112.1 | 62.04 | 110.5 | 62.92 |
|        | -21.8             | -22      | 137.5                     | 60.39 | 137.5 | 61.29 | 136.6 | 61.91 | 136.6 | 62.18 | 136.6 | 62.78 | 134.8 | 60.15 |
|        | -19.8             | -20      | 145.4                     | 60.92 | 145.4 | 61.77 | 144.3 | 62.40 | 144.3 | 62.68 | 144.3 | 60.91 | 140.6 | 57.59 |
|        | -18.8             | -19      | 149.2                     | 61.15 | 148.3 | 62.02 | 147.8 | 62.62 | 147.8 | 61.71 | 147.8 | 59.96 | 140.6 | 55.41 |
|        | -16.7             | -17      | 155.1                     | 61.67 | 155.1 | 62.52 | 154.5 | 60.65 | 154.5 | 59.70 | 151.4 | 56.85 | 140.6 | 52.19 |
|        | -15               | -15.9    | 160.7                     | 62.02 | 160.7 | 61.07 | 159.5 | 59.25 | 156.5 | 57.18 | 151.4 | 54.34 | 140.6 | 50.72 |
|        | -13.7             | -15      | 166.0                     | 62.39 | 166.0 | 59.61 | 161.3 | 56.71 | 156.5 | 54.09 | 151.4 | 51.95 | 140.6 | 49.27 |
|        | -11.8             | -13      | 171.4                     | 60.42 | 170.5 | 57.77 | 161.3 | 53.24 | 156.5 | 51.80 | 151.4 | 49.93 | 140.6 | 47.65 |
|        | -9.8              | -11      | 177.2                     | 58.34 | 171.4 | 54.00 | 161.3 | 50.97 | 156.5 | 49.62 | 151.4 | 48.22 | 140.6 | 45.97 |
|        | -9.5              | -10      | 178.5                     | 58.02 | 171.4 | 53.32 | 161.3 | 50.50 | 156.5 | 49.35 | 151.4 | 47.96 | 140.6 | 45.72 |
|        | -8.5              | -9.1     | 181.9                     | 56.61 | 171.4 | 51.49 | 161.3 | 49.49 | 156.5 | 48.49 | 151.4 | 47.09 | 140.6 | 44.88 |
|        | -7                | -7.6     | 182.3                     | 52.34 | 171.4 | 49.63 | 161.3 | 48.18 | 156.5 | 47.18 | 151.4 | 45.80 | 140.6 | 43.61 |
|        | -5                | -5.6     | 182.3                     | 49.90 | 171.4 | 47.93 | 161.3 | 46.52 | 156.5 | 45.47 | 151.4 | 44.17 | 140.6 | 42.01 |
|        | -3                | -3.7     | 182.3                     | 48.06 | 171.4 | 46.20 | 161.3 | 44.87 | 156.5 | 43.78 | 151.4 | 42.51 | 140.6 | 40.39 |
|        | 0                 | -0.7     | 182.3                     | 45.28 | 171.4 | 43.60 | 161.3 | 42.40 | 156.5 | 41.25 | 151.4 | 40.05 | 140.6 | 37.98 |
|        | 3                 | 2.2      | 182.3                     | 42.50 | 171.4 | 41.04 | 161.3 | 39.91 | 156.5 | 38.72 | 151.4 | 37.57 | 140.6 | 35.55 |
|        | 5                 | 4.1      | 182.3                     | 40.64 | 171.4 | 39.31 | 161.3 | 38.25 | 156.5 | 37.04 | 151.4 | 35.93 | 140.6 | 33.94 |
|        | 7                 | 6        | 182.3                     | 38.80 | 171.4 | 37.61 | 161.3 | 36.59 | 156.5 | 35.35 | 151.4 | 34.30 | 140.6 | 32.35 |
|        | 9                 | 7.9      | 182.3                     | 37.03 | 171.4 | 35.90 | 161.3 | 34.93 | 156.5 | 33.73 | 151.4 | 32.73 | 140.6 | 30.86 |
|        | 11                | 9.8      | 182.3                     | 35.27 | 171.4 | 34.19 | 161.3 | 33.28 | 156.5 | 32.15 | 151.4 | 31.18 | 140.6 | 29.42 |
|        | 13                | 11.8     | 182.3                     | 33.52 | 171.4 | 32.50 | 161.3 | 31.62 | 156.5 | 30.54 | 151.4 | 29.63 | 140.6 | 27.92 |
|        | 15                | 13.7     | 182.3                     | 31.77 | 171.4 | 30.79 | 161.3 | 29.94 | 156.5 | 28.92 | 151.4 | 28.06 | 140.6 | 26.48 |
| 80     | -30               | -30.2    | 67.30                     | 51.29 | 67.30 | 52.19 | 67.00 | 52.86 | 67.00 | 52.07 | 67.00 | 60.16 | 66.00 | 57.68 |
|        | -24.8             | -25      | 112.4                     | 52.63 | 112.4 | 53.53 | 111.6 | 54.15 | 111.6 | 54.43 | 111.6 | 55.91 | 110.0 | 53.60 |
|        | -21.8             | -22      | 136.0                     | 53.40 | 136.0 | 54.28 | 136.0 | 54.90 | 136.0 | 55.78 | 134.4 | 52.87 | 125.7 | 48.57 |
|        | -19.8             | -20      | 143.8                     | 53.91 | 143.8 | 54.79 | 143.6 | 55.60 | 140.0 | 52.65 | 135.0 | 49.31 | 125.7 | 46.38 |
|        | -18.8             | -19      | 147.2                     | 54.17 | 147.2 | 55.65 | 144.5 | 53.85 | 140.0 | 50.79 | 135.0 | 48.22 | 125.7 | 45.67 |
|        | -16.7             | -17      | 152.5                     | 55.57 | 152.5 | 53.86 | 144.5 | 50.27 | 140.0 | 48.31 | 135.0 | 46.09 | 125.7 | 44.16 |
|        | -15               | -15.9    | 157.1                     | 54.24 | 153.7 | 51.95 | 144.5 | 48.66 | 140.0 | 46.96 | 135.0 | 44.96 | 125.7 | 43.06 |
|        | -13.7             | -15      | 160.2                     | 52.46 | 153.7 | 49.71 | 144.5 | 47.11 | 140.0 | 45.64 | 135.0 | 43.85 | 125.7 | 41.98 |
|        | -11.8             | -13      | 163.2                     | 50.45 | 153.7 | 47.46 | 144.5 | 45.59 | 140.0 | 44.18 | 135.0 | 42.42 | 125.7 | 40.63 |
|        | -9.8              | -11      | 163.2                     | 47.58 | 153.7 | 45.33 | 144.5 | 44.02 | 140.0 | 42.59 | 135.0 | 40.93 | 125.7 | 39.19 |
|        | -9.5              | -10      | 163.2                     | 47.00 | 153.7 | 44.81 | 144.5 | 43.77 | 140.0 | 42.36 | 135.0 | 40.71 | 125.7 | 38.97 |
|        | -8.5              | -9.1     | 163.2                     | 45.72 | 153.7 | 43.84 | 144.5 | 42.98 | 140.0 | 41.58 | 135.0 | 39.97 | 125.7 | 38.28 |
|        | -7                | -7.6     | 163.2                     | 43.98 | 153.7 | 42.64 | 144.5 | 41.80 | 140.0 | 40.39 | 135.0 | 38.87 | 125.7 | 37.18 |
|        | -5                | -5.6     | 163.2                     | 42.42 | 153.7 | 41.16 | 144.5 | 40.28 | 140.0 | 38.91 | 135.0 | 37.43 | 125.7 | 35.83 |
|        | -3                | -3.7     | 163.2                     | 40.86 | 153.7 | 39.65 | 144.5 | 38.78 | 140.0 | 37.39 | 135.0 | 36.01 | 125.7 | 34.45 |
|        | 0                 | -0.7     | 163.2                     | 38.53 | 153.7 | 37.40 | 144.5 | 36.50 | 140.0 | 35.16 | 135.0 | 33.87 | 125.7 | 32.39 |
|        | 3                 | 2.2      | 163.2                     | 36.20 | 153.7 | 35.14 | 144.5 | 34.22 | 140.0 | 32.89 | 135.0 | 31.77 | 125.7 | 30.36 |
|        | 5                 | 4.1      | 163.2                     | 34.66 | 153.7 | 33.64 | 144.5 | 32.71 | 140.0 | 31.39 | 135.0 | 30.35 | 125.7 | 28.97 |
|        | 7                 | 6        | 163.2                     | 33.09 | 153.7 | 32.13 | 144.5 | 31.19 | 140.0 | 29.89 | 135.0 | 28.90 | 125.7 | 27.60 |
|        | 9                 | 7.9      | 163.2                     | 31.07 | 153.7 | 30.18 | 144.5 | 29.30 | 140.0 | 28.07 | 135.0 | 27.15 | 125.7 | 25.92 |
|        | 11                | 9.8      | 163.2                     | 28.84 | 153.7 | 28.02 | 144.5 | 27.20 | 140.0 | 26.04 | 135.0 | 25.19 | 125.7 | 24.06 |
|        | 13                | 11.8     | 163.2                     | 26.92 | 153.7 | 26.15 | 144.5 | 25.39 | 140.0 | 24.31 | 135.0 | 23.53 | 125.7 | 22.45 |
|        | 15                | 13.7     | 163.2                     | 25.36 | 153.7 | 24.60 | 144.5 | 23.89 | 140.0 | 22.90 | 135.0 | 22.14 | 125.7 | 21.13 |
| 70     | -30               | -30.2    | 67.30                     | 51.38 | 67.30 | 51.72 | 67.00 | 52.31 | 67.00 | 59.08 | 67.00 | 56.28 | 66.00 | 53.78 |
|        | -24.8             | -25      | 112.4                     | 52.73 | 112.4 | 53.02 | 111.6 | 53.62 | 111.6 | 54.48 | 111.6 | 51.98 | 107.5 | 48.48 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 131.2                     | 53.50 | 130.5 | 53.35 | 122.9 | 51.19 | 118.7 | 48.42 | 115.1 | 46.22 | 107.5 | 44.09 |
|        | -19.8             | -20      | 138.3                     | 52.76 | 130.7 | 51.12 | 122.9 | 49.05 | 118.7 | 46.79 | 115.1 | 44.70 | 107.5 | 42.60 |
|        | -18.8             | -19      | 138.3                     | 51.57 | 130.7 | 49.90 | 122.9 | 48.20 | 118.7 | 45.96 | 115.1 | 43.92 | 107.5 | 41.85 |
|        | -16.7             | -17      | 138.3                     | 48.95 | 130.7 | 47.95 | 122.9 | 46.40 | 118.7 | 44.26 | 115.1 | 42.31 | 107.5 | 40.29 |
|        | -15               | -15.9    | 138.3                     | 47.58 | 130.7 | 46.64 | 122.9 | 45.11 | 118.7 | 43.02 | 115.1 | 41.16 | 107.5 | 39.19 |
|        | -13.7             | -15      | 138.3                     | 46.23 | 130.7 | 45.32 | 122.9 | 43.85 | 118.7 | 41.82 | 115.1 | 40.04 | 107.5 | 38.09 |
|        | -11.8             | -13      | 138.3                     | 44.57 | 130.7 | 43.66 | 122.9 | 42.23 | 118.7 | 40.28 | 115.1 | 38.59 | 107.5 | 36.68 |
|        | -9.8              | -11      | 138.3                     | 42.87 | 130.7 | 41.89 | 122.9 | 40.53 | 118.7 | 38.66 | 115.1 | 37.07 | 107.5 | 35.22 |
|        | -9.5              | -10      | 138.3                     | 42.61 | 130.7 | 41.64 | 122.9 | 40.27 | 118.7 | 38.42 | 115.1 | 36.85 | 107.5 | 35.00 |
|        | -8.5              | -9.1     | 138.3                     | 41.73 | 130.7 | 40.76 | 122.9 | 39.44 | 118.7 | 37.63 | 115.1 | 36.09 | 107.5 | 34.28 |
|        | -7                | -7.6     | 138.3                     | 40.45 | 130.7 | 39.48 | 122.9 | 38.19 | 118.7 | 36.42 | 115.1 | 34.96 | 107.5 | 33.17 |
|        | -5                | -5.6     | 138.3                     | 38.80 | 130.7 | 37.78 | 122.9 | 36.53 | 118.7 | 34.87 | 115.1 | 33.52 | 107.5 | 31.79 |
|        | -3                | -3.7     | 138.3                     | 37.15 | 130.7 | 36.12 | 122.9 | 34.92 | 118.7 | 33.32 | 115.1 | 32.05 | 107.5 | 30.37 |
|        | 0                 | -0.7     | 138.3                     | 34.66 | 130.7 | 33.60 | 122.9 | 32.48 | 118.7 | 31.00 | 115.1 | 29.87 | 107.5 | 28.26 |
|        | 3                 | 2.2      | 138.3                     | 32.17 | 130.7 | 31.08 | 122.9 | 30.04 | 118.7 | 28.67 | 115.1 | 27.71 | 107.5 | 26.14 |
|        | 5                 | 4.1      | 138.3                     | 30.54 | 130.7 | 29.40 | 122.9 | 28.43 | 118.7 | 27.13 | 115.1 | 26.25 | 107.5 | 24.75 |
|        | 7                 | 6        | 138.3                     | 28.87 | 130.7 | 27.72 | 122.9 | 26.79 | 118.7 | 25.58 | 115.1 | 24.82 | 107.5 | 23.33 |
|        | 9                 | 7.9      | 138.3                     | 26.10 | 130.7 | 25.05 | 122.9 | 24.18 | 118.7 | 23.10 | 115.1 | 22.39 | 107.5 | 21.06 |
|        | 11                | 9.8      | 138.3                     | 24.29 | 130.7 | 23.30 | 122.9 | 22.53 | 118.7 | 21.51 | 115.1 | 20.86 | 107.5 | 19.60 |
|        | 13                | 11.8     | 138.3                     | 22.73 | 130.7 | 21.80 | 122.9 | 21.07 | 118.7 | 20.13 | 115.1 | 19.51 | 107.5 | 18.36 |
|        | 15                | 13.7     | 138.3                     | 21.43 | 130.7 | 20.56 | 122.9 | 19.88 | 118.7 | 18.98 | 115.1 | 18.38 | 107.5 | 17.30 |
| 60     | -30               | -30.2    | 66.70                     | 50.75 | 66.70 | 51.33 | 66.20 | 58.51 | 64.60 | 55.48 | 63.00 | 52.67 | 59.20 | 50.16 |
|        | -24.8             | -25      | 111.0                     | 52.09 | 111.0 | 52.68 | 105.3 | 51.19 | 101.9 | 48.13 | 98.30 | 45.27 | 92.10 | 42.91 |
|        | -21.8             | -22      | 118.7                     | 52.00 | 112.3 | 49.93 | 105.3 | 47.41 | 101.9 | 45.04 | 98.30 | 42.81 | 92.10 | 40.65 |
|        | -19.8             | -20      | 118.7                     | 49.86 | 112.3 | 48.08 | 105.3 | 45.65 | 101.9 | 43.38 | 98.30 | 41.24 | 92.10 | 39.15 |
|        | -18.8             | -19      | 118.7                     | 48.91 | 112.3 | 47.15 | 105.3 | 44.80 | 101.9 | 42.59 | 98.30 | 40.47 | 92.10 | 38.38 |
|        | -16.7             | -17      | 118.7                     | 46.97 | 112.3 | 45.21 | 105.3 | 42.94 | 101.9 | 40.85 | 98.30 | 38.86 | 92.10 | 36.82 |
|        | -15               | -15.9    | 118.7                     | 45.58 | 112.3 | 43.83 | 105.3 | 41.63 | 101.9 | 39.62 | 98.30 | 37.70 | 92.10 | 35.70 |
|        | -13.7             | -15      | 118.7                     | 44.21 | 112.3 | 42.47 | 105.3 | 40.33 | 101.9 | 38.40 | 98.30 | 36.56 | 92.10 | 34.59 |
|        | -11.8             | -13      | 118.7                     | 42.46 | 112.3 | 40.72 | 105.3 | 38.69 | 101.9 | 36.85 | 98.30 | 35.09 | 92.10 | 33.17 |
|        | -9.8              | -11      | 118.7                     | 40.60 | 112.3 | 38.89 | 105.3 | 36.97 | 101.9 | 35.23 | 98.30 | 33.57 | 92.10 | 31.70 |
|        | -9.5              | -10      | 118.7                     | 40.33 | 112.3 | 38.62 | 105.3 | 36.73 | 101.9 | 34.99 | 98.30 | 33.32 | 92.10 | 31.47 |
|        | -8.5              | -9.1     | 118.7                     | 39.42 | 112.3 | 37.72 | 105.3 | 35.86 | 101.9 | 34.20 | 98.30 | 32.58 | 92.10 | 30.74 |
|        | -7                | -7.6     | 118.7                     | 38.07 | 112.3 | 36.37 | 105.3 | 34.57 | 101.9 | 32.97 | 98.30 | 31.44 | 92.10 | 29.63 |
|        | -5                | -5.6     | 118.7                     | 36.28 | 112.3 | 34.59 | 105.3 | 32.91 | 101.9 | 31.41 | 98.30 | 29.96 | 92.10 | 28.22 |
|        | -3                | -3.7     | 118.7                     | 34.53 | 112.3 | 32.84 | 105.3 | 31.25 | 101.9 | 29.85 | 98.30 | 28.48 | 92.10 | 26.78 |
|        | 0                 | -0.7     | 118.7                     | 31.86 | 112.3 | 30.19 | 105.3 | 28.75 | 101.9 | 27.50 | 98.30 | 26.29 | 92.10 | 24.64 |
|        | 3                 | 2.2      | 118.7                     | 29.21 | 112.3 | 27.56 | 105.3 | 26.24 | 101.9 | 25.16 | 98.30 | 24.07 | 92.10 | 22.50 |
|        | 5                 | 4.1      | 118.7                     | 27.44 | 112.3 | 25.81 | 105.3 | 24.60 | 101.9 | 23.59 | 98.30 | 22.61 | 92.10 | 21.06 |
|        | 7                 | 6        | 118.7                     | 25.68 | 112.3 | 24.04 | 105.3 | 22.93 | 101.9 | 22.03 | 98.30 | 21.12 | 92.10 | 19.65 |
|        | 9                 | 7.9      | 118.7                     | 22.90 | 112.3 | 21.46 | 105.3 | 20.45 | 101.9 | 19.67 | 98.30 | 18.86 | 92.10 | 17.54 |
|        | 11                | 9.8      | 118.7                     | 21.38 | 112.3 | 20.03 | 105.3 | 19.09 | 101.9 | 18.38 | 98.30 | 17.62 | 92.10 | 16.37 |
|        | 13                | 11.8     | 118.7                     | 20.03 | 112.3 | 18.75 | 105.3 | 17.90 | 101.9 | 17.21 | 98.30 | 16.49 | 92.10 | 15.33 |
|        | 15                | 13.7     | 118.7                     | 18.92 | 112.3 | 17.73 | 105.3 | 16.91 | 101.9 | 16.23 | 98.30 | 15.60 | 92.10 | 14.50 |
| 50     | -30               | -30.2    | 63.70                     | 44.47 | 60.10 | 51.04 | 56.40 | 48.38 | 54.70 | 45.93 | 52.70 | 43.49 | 49.30 | 41.40 |
|        | -24.8             | -25      | 99.10                     | 42.79 | 93.50 | 43.59 | 87.90 | 41.33 | 85.10 | 39.23 | 82.10 | 37.23 | 76.50 | 35.36 |
|        | -21.8             | -22      | 99.10                     | 43.49 | 93.50 | 41.25 | 87.90 | 39.14 | 85.10 | 37.14 | 82.10 | 35.29 | 76.50 | 33.47 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 99.10                     | 41.85 | 93.50 | 39.68 | 87.90 | 37.66 | 85.10 | 35.76 | 82.10 | 33.99 | 76.50 | 32.22 |
|        | -18.8             | -19      | 99.10                     | 41.06 | 93.50 | 38.90 | 87.90 | 36.97 | 85.10 | 35.06 | 82.10 | 33.34 | 76.50 | 31.63 |
|        | -16.7             | -17      | 99.10                     | 39.36 | 93.50 | 37.29 | 87.90 | 35.42 | 85.10 | 33.60 | 82.10 | 31.99 | 76.50 | 30.32 |
|        | -15               | -15.9    | 99.10                     | 38.14 | 93.50 | 36.11 | 87.90 | 34.33 | 85.10 | 32.57 | 82.10 | 31.02 | 76.50 | 29.37 |
|        | -13.7             | -15      | 99.10                     | 36.93 | 93.50 | 34.95 | 87.90 | 33.23 | 85.10 | 31.54 | 82.10 | 30.07 | 76.50 | 28.46 |
|        | -11.8             | -13      | 99.10                     | 35.39 | 93.50 | 33.50 | 87.90 | 31.89 | 85.10 | 30.26 | 82.10 | 28.86 | 76.50 | 27.29 |
|        | -9.8              | -11      | 99.10                     | 33.81 | 93.50 | 31.96 | 87.90 | 30.43 | 85.10 | 28.88 | 82.10 | 27.58 | 76.50 | 26.07 |
|        | -9.5              | -10      | 99.10                     | 33.57 | 93.50 | 31.73 | 87.90 | 30.21 | 85.10 | 28.69 | 82.10 | 27.40 | 76.50 | 25.88 |
|        | -8.5              | -9.1     | 99.10                     | 32.78 | 93.50 | 30.95 | 87.90 | 29.51 | 85.10 | 28.01 | 82.10 | 26.77 | 76.50 | 25.26 |
|        | -7                | -7.6     | 99.10                     | 31.55 | 93.50 | 29.82 | 87.90 | 28.44 | 85.10 | 26.99 | 82.10 | 25.81 | 76.50 | 24.35 |
|        | -5                | -5.6     | 99.10                     | 30.01 | 93.50 | 28.34 | 87.90 | 27.05 | 85.10 | 25.69 | 82.10 | 24.58 | 76.50 | 23.17 |
|        | -3                | -3.7     | 99.10                     | 28.50 | 93.50 | 26.85 | 87.90 | 25.66 | 85.10 | 24.35 | 82.10 | 23.34 | 76.50 | 21.98 |
|        | 0                 | -0.7     | 99.10                     | 26.16 | 93.50 | 24.60 | 87.90 | 23.57 | 85.10 | 22.38 | 82.10 | 21.52 | 76.50 | 20.21 |
|        | 3                 | 2.2      | 99.10                     | 23.84 | 93.50 | 22.39 | 87.90 | 21.49 | 85.10 | 20.40 | 82.10 | 19.67 | 76.50 | 18.44 |
|        | 5                 | 4.1      | 99.10                     | 22.29 | 93.50 | 20.91 | 87.90 | 20.12 | 85.10 | 19.08 | 82.10 | 18.46 | 76.50 | 17.25 |
|        | 7                 | 6        | 99.10                     | 20.75 | 93.50 | 19.42 | 87.90 | 18.71 | 85.10 | 17.76 | 82.10 | 17.22 | 76.50 | 16.08 |
|        | 9                 | 7.9      | 99.10                     | 18.74 | 93.50 | 17.54 | 87.90 | 16.90 | 85.10 | 16.05 | 82.10 | 15.55 | 76.50 | 14.53 |
|        | 11                | 9.8      | 99.10                     | 17.53 | 93.50 | 16.41 | 87.90 | 15.81 | 85.10 | 15.02 | 82.10 | 14.56 | 76.50 | 13.57 |
|        | 13                | 11.8     | 99.10                     | 16.46 | 93.50 | 15.41 | 87.90 | 14.85 | 85.10 | 14.11 | 82.10 | 13.66 | 76.50 | 12.75 |
|        | 15                | 13.7     | 99.10                     | 15.58 | 93.50 | 14.59 | 87.90 | 14.05 | 85.10 | 13.32 | 82.10 | 12.94 | 76.50 | 12.05 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM580LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 73.60                     | 61.43 | 73.60 | 61.68 | 73.00 | 61.92 | 73.00 | 62.26 | 73.00 | 62.64 | 71.60 | 63.11 |
|        | -24.8             | -25      | 122.5                     | 62.14 | 122.5 | 62.39 | 121.6 | 62.62 | 121.6 | 62.97 | 121.6 | 63.31 | 119.5 | 63.81 |
|        | -21.8             | -22      | 147.8                     | 62.54 | 147.8 | 62.80 | 146.9 | 63.04 | 146.9 | 63.38 | 146.9 | 63.69 | 144.0 | 64.23 |
|        | -19.8             | -20      | 155.4                     | 62.82 | 155.4 | 63.07 | 154.3 | 63.29 | 154.3 | 63.64 | 154.3 | 63.96 | 151.3 | 64.48 |
|        | -18.8             | -19      | 158.5                     | 62.92 | 158.5 | 63.20 | 157.6 | 63.42 | 157.6 | 63.76 | 157.6 | 64.09 | 154.5 | 64.61 |
|        | -16.7             | -17      | 165.3                     | 63.23 | 165.3 | 63.48 | 164.3 | 63.70 | 164.3 | 64.04 | 164.3 | 64.35 | 161.2 | 64.89 |
|        | -15               | -15.9    | 170.2                     | 63.40 | 170.2 | 63.66 | 169.1 | 63.88 | 169.1 | 64.22 | 169.1 | 64.55 | 166.0 | 63.58 |
|        | -13.7             | -15      | 175.2                     | 63.62 | 175.2 | 63.86 | 174.2 | 64.08 | 174.2 | 64.42 | 174.2 | 64.77 | 170.8 | 62.30 |
|        | -11.8             | -13      | 180.9                     | 63.85 | 180.9 | 64.10 | 179.6 | 64.34 | 179.6 | 64.69 | 179.6 | 63.01 | 176.7 | 60.66 |
|        | -9.8              | -11      | 186.8                     | 64.12 | 186.8 | 64.38 | 185.8 | 64.60 | 185.8 | 62.85 | 185.8 | 61.22 | 183.0 | 58.97 |
|        | -9.5              | -10      | 187.9                     | 64.17 | 187.9 | 64.40 | 186.8 | 64.31 | 186.8 | 62.57 | 186.7 | 60.95 | 183.9 | 58.72 |
|        | -8.5              | -9.1     | 191.6                     | 64.29 | 191.6 | 64.55 | 190.3 | 63.37 | 190.3 | 61.66 | 189.4 | 60.05 | 187.2 | 57.87 |
|        | -7                | -7.6     | 197.1                     | 64.49 | 197.1 | 63.17 | 195.8 | 61.97 | 195.8 | 60.27 | 195.8 | 58.70 | 192.0 | 56.58 |
|        | -5                | -5.6     | 204.2                     | 62.79 | 204.2 | 61.43 | 203.0 | 60.21 | 203.0 | 58.54 | 203.0 | 56.96 | 198.2 | 54.97 |
|        | -3                | -3.7     | 211.5                     | 61.08 | 211.5 | 59.66 | 210.2 | 58.39 | 210.2 | 56.77 | 210.2 | 55.23 | 204.5 | 53.34 |
|        | 0                 | -0.7     | 222.2                     | 58.56 | 222.2 | 57.07 | 221.0 | 55.70 | 221.0 | 54.15 | 221.0 | 52.65 | 206.2 | 49.01 |
|        | 3                 | 2.2      | 233.3                     | 56.02 | 233.3 | 54.44 | 231.8 | 53.04 | 229.6 | 51.04 | 221.6 | 47.87 | 206.2 | 45.97 |
|        | 5                 | 4.1      | 236.1                     | 53.34 | 236.1 | 51.70 | 235.5 | 50.47 | 229.6 | 47.81 | 221.6 | 45.85 | 206.2 | 44.43 |
|        | 7                 | 6        | 236.1                     | 50.16 | 236.1 | 48.56 | 235.5 | 47.32 | 229.6 | 45.57 | 221.6 | 44.22 | 206.2 | 42.90 |
|        | 9                 | 7.9      | 236.1                     | 48.63 | 236.1 | 47.05 | 235.5 | 45.70 | 229.6 | 44.35 | 221.6 | 43.04 | 206.2 | 41.75 |
| 120    | 11                | 9.8      | 236.1                     | 47.73 | 236.1 | 46.18 | 235.5 | 44.86 | 229.6 | 43.53 | 221.6 | 42.25 | 206.2 | 40.99 |
|        | 13                | 11.8     | 236.1                     | 46.74 | 236.1 | 45.25 | 235.5 | 43.92 | 229.6 | 42.66 | 221.6 | 41.39 | 206.2 | 40.16 |
|        | 15                | 13.7     | 236.1                     | 45.71 | 236.1 | 44.24 | 235.5 | 42.95 | 229.6 | 41.72 | 221.6 | 40.47 | 206.2 | 39.25 |
|        | -30               | -30.2    | 73.00                     | 61.68 | 73.00 | 61.92 | 72.50 | 62.26 | 72.50 | 62.64 | 72.50 | 63.11 | 71.00 | 63.52 |
|        | -24.8             | -25      | 121.6                     | 62.39 | 121.6 | 62.62 | 120.8 | 62.97 | 120.8 | 63.31 | 120.8 | 63.81 | 118.4 | 64.19 |
|        | -21.8             | -22      | 146.9                     | 62.80 | 146.9 | 63.04 | 145.8 | 63.38 | 145.8 | 63.69 | 145.8 | 64.23 | 143.1 | 64.57 |
|        | -19.8             | -20      | 154.2                     | 63.07 | 154.2 | 63.29 | 153.2 | 63.64 | 153.2 | 63.96 | 153.2 | 64.48 | 150.2 | 64.82 |
|        | -18.8             | -19      | 157.5                     | 63.20 | 157.5 | 63.42 | 156.4 | 63.76 | 156.4 | 64.09 | 156.4 | 64.61 | 153.6 | 64.97 |
|        | -16.7             | -17      | 164.3                     | 63.48 | 164.3 | 63.70 | 163.2 | 64.04 | 163.2 | 64.35 | 163.2 | 64.89 | 160.0 | 63.28 |
|        | -15               | -15.9    | 169.1                     | 63.66 | 169.1 | 63.88 | 168.0 | 64.22 | 168.0 | 64.55 | 168.0 | 63.64 | 164.8 | 62.09 |
|        | -13.7             | -15      | 173.8                     | 63.86 | 173.8 | 64.08 | 172.8 | 64.42 | 172.8 | 64.77 | 172.8 | 62.39 | 169.6 | 60.93 |
|        | -11.8             | -13      | 179.6                     | 64.10 | 179.6 | 64.34 | 178.3 | 64.69 | 178.3 | 63.01 | 178.3 | 60.86 | 175.6 | 59.41 |
|        | -9.8              | -11      | 185.3                     | 64.38 | 185.3 | 64.60 | 184.2 | 62.77 | 184.2 | 61.19 | 184.2 | 59.21 | 181.8 | 57.86 |
|        | -9.5              | -10      | 186.7                     | 64.40 | 186.7 | 64.30 | 185.3 | 62.49 | 185.3 | 60.92 | 185.3 | 58.95 | 182.7 | 57.62 |
|        | -8.5              | -9.1     | 190.0                     | 64.55 | 190.0 | 63.28 | 189.1 | 61.53 | 189.1 | 60.01 | 188.9 | 58.15 | 186.0 | 56.83 |
|        | -7                | -7.6     | 195.5                     | 63.06 | 195.5 | 61.78 | 194.3 | 60.13 | 194.3 | 58.65 | 193.9 | 56.92 | 190.4 | 55.63 |
|        | -5                | -5.6     | 202.9                     | 61.12 | 202.9 | 59.84 | 201.4 | 58.27 | 201.4 | 56.88 | 201.4 | 55.36 | 193.7 | 53.25 |
|        | -3                | -3.7     | 210.0                     | 59.21 | 210.0 | 57.94 | 208.8 | 56.46 | 208.8 | 55.15 | 208.5 | 53.76 | 193.7 | 50.17 |
|        | 0                 | -0.7     | 220.8                     | 56.35 | 220.8 | 55.04 | 219.4 | 53.73 | 215.2 | 51.52 | 208.5 | 48.88 | 193.7 | 47.86 |
| 110    | 3                 | 2.2      | 231.8                     | 53.46 | 231.7 | 52.13 | 222.7 | 49.34 | 215.2 | 47.38 | 208.5 | 46.62 | 193.7 | 45.71 |
|        | 5                 | 4.1      | 234.3                     | 50.61 | 231.7 | 48.75 | 222.7 | 46.67 | 215.2 | 45.73 | 208.5 | 45.15 | 193.7 | 44.30 |
|        | 7                 | 6        | 234.3                     | 47.28 | 231.7 | 45.83 | 222.7 | 44.93 | 215.2 | 44.08 | 208.5 | 43.66 | 193.7 | 42.87 |
|        | 9                 | 7.9      | 234.3                     | 45.76 | 231.7 | 44.50 | 222.7 | 43.63 | 215.2 | 42.80 | 208.5 | 42.38 | 193.7 | 41.64 |
|        | 11                | 9.8      | 234.3                     | 44.79 | 231.7 | 43.57 | 222.7 | 42.71 | 215.2 | 41.90 | 208.5 | 41.50 | 193.7 | 40.77 |
|        | 13                | 11.8     | 234.3                     | 43.75 | 231.7 | 42.57 | 222.7 | 41.73 | 215.2 | 40.93 | 208.5 | 40.54 | 193.7 | 39.82 |
|        | 15                | 13.7     | 234.3                     | 42.66 | 231.7 | 41.49 | 222.7 | 40.68 | 215.2 | 39.90 | 208.5 | 39.51 | 193.7 | 38.82 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 72.70                     | 61.92 | 72.70 | 62.26 | 72.10 | 62.64 | 72.10 | 63.11 | 72.10 | 63.52 | 70.70 | 63.63 |
|        | -24.8             | -25      | 121.0                     | 62.62 | 121.0 | 62.97 | 120.2 | 63.31 | 120.2 | 63.81 | 120.2 | 64.19 | 117.8 | 64.34 |
|        | -21.8             | -22      | 145.9                     | 63.04 | 145.9 | 63.38 | 144.9 | 63.69 | 144.9 | 64.23 | 144.9 | 64.57 | 142.3 | 64.75 |
|        | -19.8             | -20      | 153.4                     | 63.29 | 153.4 | 63.64 | 152.4 | 63.96 | 152.4 | 64.48 | 152.4 | 64.82 | 149.3 | 65.01 |
|        | -18.8             | -19      | 156.5                     | 63.42 | 156.5 | 63.76 | 155.6 | 64.09 | 155.6 | 64.61 | 155.6 | 64.97 | 152.6 | 64.12 |
|        | -16.7             | -17      | 163.4                     | 63.70 | 163.4 | 64.04 | 162.1 | 64.35 | 162.1 | 64.89 | 162.1 | 63.16 | 159.1 | 62.28 |
|        | -15               | -15.9    | 168.0                     | 63.88 | 168.0 | 64.22 | 166.9 | 64.55 | 166.9 | 63.52 | 166.9 | 61.89 | 165.4 | 60.96 |
|        | -13.7             | -15      | 172.8                     | 64.08 | 172.8 | 64.42 | 171.7 | 64.77 | 171.7 | 62.16 | 171.7 | 60.61 | 171.7 | 59.66 |
|        | -11.8             | -13      | 178.4                     | 64.34 | 178.4 | 64.69 | 177.4 | 62.84 | 177.4 | 60.46 | 177.4 | 58.99 | 174.3 | 56.97 |
|        | -9.8              | -11      | 184.4                     | 64.60 | 184.4 | 62.55 | 183.3 | 60.85 | 183.3 | 58.66 | 183.3 | 57.29 | 174.3 | 53.97 |
|        | -9.5              | -10      | 185.3                     | 64.25 | 185.3 | 62.22 | 184.4 | 60.56 | 184.4 | 58.41 | 184.4 | 57.03 | 174.3 | 53.17 |
|        | -8.5              | -9.1     | 189.1                     | 63.11 | 189.1 | 61.15 | 188.0 | 59.57 | 188.0 | 57.49 | 186.7 | 55.81 | 174.3 | 52.34 |
|        | -7                | -7.6     | 194.6                     | 61.38 | 194.6 | 59.54 | 193.4 | 58.06 | 193.2 | 56.10 | 186.7 | 53.05 | 174.3 | 51.12 |
|        | -5                | -5.6     | 201.6                     | 59.17 | 201.6 | 57.51 | 199.8 | 56.01 | 193.2 | 52.49 | 186.7 | 50.59 | 174.3 | 49.53 |
|        | -3                | -3.7     | 208.8                     | 56.95 | 208.8 | 55.45 | 199.8 | 52.22 | 193.2 | 50.03 | 186.7 | 49.04 | 174.3 | 47.96 |
|        | 0                 | -0.7     | 219.4                     | 53.64 | 212.9 | 50.81 | 199.8 | 48.77 | 193.2 | 47.58 | 186.7 | 46.74 | 174.3 | 45.58 |
|        | 3                 | 2.2      | 225.3                     | 49.23 | 212.9 | 46.79 | 199.8 | 46.03 | 193.2 | 45.16 | 186.7 | 44.44 | 174.3 | 43.23 |
|        | 5                 | 4.1      | 225.3                     | 45.65 | 212.9 | 44.84 | 199.8 | 44.23 | 193.2 | 43.51 | 186.7 | 42.89 | 174.3 | 41.63 |
|        | 7                 | 6        | 225.3                     | 43.53 | 212.9 | 42.87 | 199.8 | 42.42 | 193.2 | 41.89 | 186.7 | 41.36 | 174.3 | 40.07 |
|        | 9                 | 7.9      | 225.3                     | 42.09 | 212.9 | 41.45 | 199.8 | 41.00 | 193.2 | 40.50 | 186.7 | 39.97 | 174.3 | 38.73 |
|        | 11                | 9.8      | 225.3                     | 41.01 | 212.9 | 40.39 | 199.8 | 39.93 | 193.2 | 39.44 | 186.7 | 38.93 | 174.3 | 37.73 |
|        | 13                | 11.8     | 225.3                     | 39.85 | 212.9 | 39.26 | 199.8 | 38.82 | 193.2 | 38.34 | 186.7 | 37.84 | 174.3 | 36.67 |
|        | 15                | 13.7     | 225.3                     | 38.61 | 212.9 | 38.03 | 199.8 | 37.61 | 193.2 | 37.15 | 186.7 | 36.67 | 174.3 | 35.53 |
| 100    | -30               | -30.2    | 72.10                     | 68.48 | 72.10 | 68.23 | 71.80 | 59.39 | 71.80 | 67.43 | 71.80 | 66.00 | 70.40 | 66.97 |
|        | -24.8             | -25      | 120.4                     | 67.48 | 120.4 | 67.20 | 119.8 | 62.62 | 119.8 | 66.43 | 119.8 | 66.14 | 117.2 | 65.97 |
|        | -21.8             | -22      | 145.2                     | 66.92 | 145.2 | 66.60 | 144.3 | 64.47 | 144.3 | 65.87 | 144.3 | 66.21 | 141.7 | 65.41 |
|        | -19.8             | -20      | 152.7                     | 66.52 | 152.7 | 66.22 | 151.6 | 65.61 | 151.6 | 65.46 | 151.6 | 65.39 | 148.8 | 65.01 |
|        | -18.8             | -19      | 155.9                     | 66.32 | 155.0 | 66.04 | 155.0 | 65.73 | 155.0 | 65.26 | 155.0 | 64.97 | 152.0 | 63.94 |
|        | -16.7             | -17      | 161.5                     | 65.93 | 161.5 | 65.61 | 161.5 | 65.99 | 160.7 | 64.89 | 160.7 | 62.77 | 157.7 | 61.72 |
|        | -15               | -15.9    | 166.9                     | 65.62 | 166.9 | 65.32 | 166.3 | 65.37 | 166.0 | 63.29 | 166.0 | 61.19 | 159.2 | 58.83 |
|        | -13.7             | -15      | 172.0                     | 65.33 | 172.0 | 65.05 | 171.1 | 64.77 | 171.1 | 61.70 | 171.1 | 59.63 | 159.2 | 55.55 |
|        | -11.8             | -13      | 177.5                     | 64.99 | 176.6 | 64.69 | 176.6 | 62.64 | 176.6 | 59.70 | 171.1 | 55.86 | 159.2 | 53.63 |
|        | -9.8              | -11      | 183.5                     | 64.60 | 183.5 | 62.32 | 182.7 | 60.42 | 176.9 | 55.76 | 171.1 | 52.75 | 159.2 | 51.63 |
|        | -9.5              | -10      | 184.4                     | 64.22 | 184.4 | 61.94 | 182.7 | 59.75 | 176.9 | 55.17 | 171.1 | 52.46 | 159.2 | 51.33 |
|        | -8.5              | -9.1     | 188.2                     | 63.00 | 188.2 | 60.78 | 182.7 | 57.54 | 176.9 | 53.35 | 171.1 | 51.46 | 159.2 | 50.32 |
|        | -7                | -7.6     | 196.6                     | 61.12 | 194.3 | 58.53 | 182.7 | 54.36 | 176.9 | 51.86 | 171.1 | 50.00 | 159.2 | 48.82 |
|        | -5                | -5.6     | 205.4                     | 58.75 | 194.3 | 54.22 | 182.7 | 52.34 | 176.9 | 49.93 | 171.1 | 48.11 | 159.2 | 46.91 |
|        | -3                | -3.7     | 206.2                     | 55.04 | 194.3 | 51.67 | 182.7 | 50.32 | 176.9 | 48.01 | 171.1 | 46.21 | 159.2 | 44.98 |
|        | 0                 | -0.7     | 206.2                     | 50.09 | 194.3 | 48.41 | 182.7 | 47.25 | 176.9 | 45.12 | 171.1 | 43.35 | 159.2 | 42.08 |
|        | 3                 | 2.2      | 206.2                     | 46.68 | 194.3 | 45.17 | 182.7 | 44.20 | 176.9 | 42.24 | 171.1 | 40.53 | 159.2 | 39.17 |
|        | 5                 | 4.1      | 206.2                     | 44.41 | 194.3 | 42.99 | 182.7 | 42.16 | 176.9 | 40.31 | 171.1 | 38.62 | 159.2 | 37.24 |
|        | 7                 | 6        | 206.2                     | 42.15 | 194.3 | 40.82 | 182.7 | 40.11 | 176.9 | 38.37 | 171.1 | 36.74 | 159.2 | 35.31 |
|        | 9                 | 7.9      | 206.2                     | 40.40 | 194.3 | 39.16 | 182.7 | 38.47 | 176.9 | 36.79 | 171.1 | 35.22 | 159.2 | 33.86 |
|        | 11                | 9.8      | 206.2                     | 39.03 | 194.3 | 37.79 | 182.7 | 37.14 | 176.9 | 35.52 | 171.1 | 33.98 | 159.2 | 32.68 |
|        | 13                | 11.8     | 206.2                     | 37.55 | 194.3 | 36.36 | 182.7 | 35.72 | 176.9 | 34.18 | 171.1 | 32.70 | 159.2 | 31.46 |
|        | 15                | 13.7     | 206.2                     | 35.97 | 194.3 | 34.85 | 182.7 | 34.22 | 176.9 | 32.76 | 171.1 | 31.32 | 159.2 | 30.14 |
| 90     | -30               | -30.2    | 72.10                     | 60.43 | 72.10 | 60.91 | 71.60 | 61.28 | 71.60 | 61.44 | 71.60 | 61.84 | 70.10 | 67.95 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 120.1                     | 61.11 | 120.1 | 61.63 | 119.3 | 61.99 | 119.3 | 62.16 | 119.3 | 62.51 | 116.9 | 63.03 |
|        | -21.8             | -22      | 144.6                     | 61.49 | 144.6 | 62.03 | 143.7 | 62.40 | 143.7 | 62.56 | 143.7 | 62.92 | 141.1 | 60.19 |
|        | -19.8             | -20      | 152.1                     | 61.79 | 152.1 | 62.28 | 151.0 | 62.67 | 151.0 | 62.83 | 151.0 | 60.98 | 145.6 | 57.26 |
|        | -18.8             | -19      | 155.9                     | 61.92 | 155.0 | 62.43 | 154.4 | 62.78 | 154.4 | 61.83 | 154.4 | 60.01 | 145.6 | 55.23 |
|        | -16.7             | -17      | 161.5                     | 62.20 | 161.5 | 62.70 | 160.9 | 60.73 | 160.9 | 59.75 | 156.9 | 56.58 | 145.6 | 52.60 |
|        | -15               | -15.9    | 166.9                     | 62.38 | 166.9 | 61.19 | 165.7 | 59.28 | 162.1 | 57.02 | 156.9 | 54.42 | 145.6 | 51.27 |
|        | -13.7             | -15      | 172.0                     | 62.58 | 172.0 | 59.66 | 167.1 | 56.67 | 162.1 | 54.02 | 156.9 | 52.33 | 145.6 | 49.95 |
|        | -11.8             | -13      | 177.5                     | 60.52 | 176.6 | 57.75 | 167.1 | 53.16 | 162.1 | 52.15 | 156.9 | 50.61 | 145.6 | 48.26 |
|        | -9.8              | -11      | 183.5                     | 58.35 | 177.5 | 53.91 | 167.1 | 51.30 | 162.1 | 50.28 | 156.9 | 48.81 | 145.6 | 46.51 |
|        | -9.5              | -10      | 184.4                     | 58.01 | 177.5 | 53.34 | 167.1 | 51.02 | 162.1 | 50.00 | 156.9 | 48.55 | 145.6 | 46.25 |
|        | -8.5              | -9.1     | 188.2                     | 56.94 | 177.5 | 51.76 | 167.1 | 50.12 | 162.1 | 49.09 | 156.9 | 47.64 | 145.6 | 45.36 |
|        | -7                | -7.6     | 188.8                     | 53.08 | 177.5 | 50.25 | 167.1 | 48.74 | 162.1 | 47.71 | 156.9 | 46.29 | 145.6 | 44.04 |
|        | -5                | -5.6     | 188.8                     | 50.50 | 177.5 | 48.43 | 167.1 | 46.98 | 162.1 | 45.90 | 156.9 | 44.55 | 145.6 | 42.36 |
|        | -3                | -3.7     | 188.8                     | 48.53 | 177.5 | 46.59 | 167.1 | 45.22 | 162.1 | 44.11 | 156.9 | 42.80 | 145.6 | 40.64 |
|        | 0                 | -0.7     | 188.8                     | 45.54 | 177.5 | 43.82 | 167.1 | 42.58 | 162.1 | 41.43 | 156.9 | 40.21 | 145.6 | 38.10 |
|        | 3                 | 2.2      | 188.8                     | 42.57 | 177.5 | 41.08 | 167.1 | 39.93 | 162.1 | 38.74 | 156.9 | 37.59 | 145.6 | 35.56 |
|        | 5                 | 4.1      | 188.8                     | 40.58 | 177.5 | 39.24 | 167.1 | 38.17 | 162.1 | 36.96 | 156.9 | 35.85 | 145.6 | 33.86 |
|        | 7                 | 6        | 188.8                     | 38.59 | 177.5 | 37.41 | 167.1 | 36.40 | 162.1 | 35.16 | 156.9 | 34.12 | 145.6 | 32.18 |
|        | 9                 | 7.9      | 188.8                     | 36.72 | 177.5 | 35.60 | 167.1 | 34.65 | 162.1 | 33.45 | 156.9 | 32.45 | 145.6 | 30.60 |
|        | 11                | 9.8      | 188.8                     | 34.85 | 177.5 | 33.78 | 167.1 | 32.88 | 162.1 | 31.76 | 156.9 | 30.81 | 145.6 | 29.06 |
|        | 13                | 11.8     | 188.8                     | 32.99 | 177.5 | 31.98 | 167.1 | 31.12 | 162.1 | 30.05 | 156.9 | 29.16 | 145.6 | 27.48 |
|        | 15                | 13.7     | 188.8                     | 31.12 | 177.5 | 30.16 | 167.1 | 29.34 | 162.1 | 28.33 | 156.9 | 27.49 | 145.6 | 25.95 |
| 80     | -30               | -30.2    | 71.60                     | 53.32 | 71.60 | 53.86 | 71.20 | 54.27 | 71.20 | 53.80 | 71.20 | 60.35 | 69.80 | 57.78 |
|        | -24.8             | -25      | 119.5                     | 54.06 | 119.5 | 54.60 | 118.6 | 54.97 | 118.6 | 55.13 | 118.6 | 56.01 | 116.3 | 53.62 |
|        | -21.8             | -22      | 143.2                     | 54.49 | 143.2 | 55.01 | 143.2 | 55.38 | 143.0 | 55.82 | 139.8 | 52.27 | 130.2 | 48.62 |
|        | -19.8             | -20      | 150.4                     | 54.77 | 150.4 | 55.29 | 149.6 | 55.52 | 145.0 | 52.17 | 139.8 | 49.20 | 130.2 | 47.08 |
|        | -18.8             | -19      | 153.8                     | 54.92 | 153.8 | 55.78 | 149.6 | 53.46 | 145.0 | 50.55 | 139.8 | 48.44 | 130.2 | 46.36 |
|        | -16.7             | -17      | 157.7                     | 55.72 | 157.7 | 53.93 | 149.6 | 50.37 | 145.0 | 48.82 | 139.8 | 46.78 | 130.2 | 44.78 |
|        | -15               | -15.9    | 161.2                     | 54.34 | 159.2 | 52.47 | 149.6 | 49.10 | 145.0 | 47.56 | 139.8 | 45.61 | 130.2 | 43.63 |
|        | -13.7             | -15      | 164.7                     | 52.99 | 159.2 | 50.52 | 149.6 | 47.84 | 145.0 | 46.32 | 139.8 | 44.45 | 130.2 | 42.51 |
|        | -11.8             | -13      | 169.0                     | 51.14 | 159.2 | 48.08 | 149.6 | 46.25 | 145.0 | 44.78 | 139.8 | 42.96 | 130.2 | 41.10 |
|        | -9.8              | -11      | 169.0                     | 48.06 | 159.2 | 45.84 | 149.6 | 44.61 | 145.0 | 43.12 | 139.8 | 41.40 | 130.2 | 39.60 |
|        | -9.5              | -10      | 169.0                     | 47.48 | 159.2 | 45.32 | 149.6 | 44.35 | 145.0 | 42.89 | 139.8 | 41.17 | 130.2 | 39.38 |
|        | -8.5              | -9.1     | 169.0                     | 46.23 | 159.2 | 44.39 | 149.6 | 43.52 | 145.0 | 42.06 | 139.8 | 40.40 | 130.2 | 38.65 |
|        | -7                | -7.6     | 169.0                     | 44.53 | 159.2 | 43.14 | 149.6 | 42.27 | 145.0 | 40.82 | 139.8 | 39.25 | 130.2 | 37.52 |
|        | -5                | -5.6     | 169.0                     | 42.86 | 159.2 | 41.56 | 149.6 | 40.67 | 145.0 | 39.26 | 139.8 | 37.73 | 130.2 | 36.10 |
|        | -3                | -3.7     | 169.0                     | 41.21 | 159.2 | 39.95 | 149.6 | 39.07 | 145.0 | 37.66 | 139.8 | 36.24 | 130.2 | 34.64 |
|        | 0                 | -0.7     | 169.0                     | 38.72 | 159.2 | 37.56 | 149.6 | 36.66 | 145.0 | 35.29 | 139.8 | 33.99 | 130.2 | 32.49 |
|        | 3                 | 2.2      | 169.0                     | 36.24 | 159.2 | 35.17 | 149.6 | 34.24 | 145.0 | 32.91 | 139.8 | 31.77 | 130.2 | 30.36 |
|        | 5                 | 4.1      | 169.0                     | 34.59 | 159.2 | 33.57 | 149.6 | 32.65 | 145.0 | 31.32 | 139.8 | 30.28 | 130.2 | 28.90 |
|        | 7                 | 6        | 169.0                     | 32.92 | 159.2 | 31.96 | 149.6 | 31.03 | 145.0 | 29.74 | 139.8 | 28.76 | 130.2 | 27.46 |
|        | 9                 | 7.9      | 169.0                     | 30.92 | 159.2 | 30.02 | 149.6 | 29.15 | 145.0 | 27.93 | 139.8 | 27.01 | 130.2 | 25.80 |
|        | 11                | 9.8      | 169.0                     | 28.70 | 159.2 | 27.87 | 149.6 | 27.06 | 145.0 | 25.91 | 139.8 | 25.07 | 130.2 | 23.94 |
|        | 13                | 11.8     | 169.0                     | 26.78 | 159.2 | 26.02 | 149.6 | 25.26 | 145.0 | 24.19 | 139.8 | 23.41 | 130.2 | 22.34 |
|        | 15                | 13.7     | 169.0                     | 25.23 | 159.2 | 24.48 | 149.6 | 23.77 | 145.0 | 22.78 | 139.8 | 22.03 | 130.2 | 21.03 |
| 70     | -30               | -30.2    | 71.60                     | 53.01 | 71.60 | 53.22 | 71.20 | 53.57 | 71.20 | 59.50 | 71.20 | 56.62 | 69.20 | 54.02 |
|        | -24.8             | -25      | 119.5                     | 53.76 | 119.5 | 53.93 | 118.6 | 54.29 | 118.6 | 54.79 | 117.6 | 51.78 | 111.3 | 48.01 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 135.1                     | 54.18 | 135.1 | 54.34 | 127.3 | 51.91 | 123.0 | 49.45 | 119.2 | 47.13 | 111.3 | 44.88 |
|        | -19.8             | -20      | 143.1                     | 53.56 | 135.4 | 51.84 | 127.3 | 50.10 | 123.0 | 47.72 | 119.2 | 45.53 | 111.3 | 43.34 |
|        | -18.8             | -19      | 143.3                     | 52.27 | 135.4 | 50.93 | 127.3 | 49.21 | 123.0 | 46.87 | 119.2 | 44.72 | 111.3 | 42.57 |
|        | -16.7             | -17      | 143.3                     | 49.90 | 135.4 | 48.96 | 127.3 | 47.32 | 123.0 | 45.08 | 119.2 | 43.05 | 111.3 | 40.94 |
|        | -15               | -15.9    | 143.3                     | 48.52 | 135.4 | 47.58 | 127.3 | 45.97 | 123.0 | 43.79 | 119.2 | 41.85 | 111.3 | 39.80 |
|        | -13.7             | -15      | 143.3                     | 47.14 | 135.4 | 46.20 | 127.3 | 44.65 | 123.0 | 42.53 | 119.2 | 40.67 | 111.3 | 38.65 |
|        | -11.8             | -13      | 143.3                     | 45.39 | 135.4 | 44.44 | 127.3 | 42.95 | 123.0 | 40.92 | 119.2 | 39.16 | 111.3 | 37.19 |
|        | -9.8              | -11      | 143.3                     | 43.60 | 135.4 | 42.59 | 127.3 | 41.18 | 123.0 | 39.24 | 119.2 | 37.58 | 111.3 | 35.67 |
|        | -9.5              | -10      | 143.3                     | 43.31 | 135.4 | 42.32 | 127.3 | 40.90 | 123.0 | 38.98 | 119.2 | 37.35 | 111.3 | 35.44 |
|        | -8.5              | -9.1     | 143.3                     | 42.40 | 135.4 | 41.41 | 127.3 | 40.03 | 123.0 | 38.15 | 119.2 | 36.55 | 111.3 | 34.69 |
|        | -7                | -7.6     | 143.3                     | 41.05 | 135.4 | 40.04 | 127.3 | 38.70 | 123.0 | 36.89 | 119.2 | 35.38 | 111.3 | 33.53 |
|        | -5                | -5.6     | 143.3                     | 39.29 | 135.4 | 38.25 | 127.3 | 36.97 | 123.0 | 35.25 | 119.2 | 33.85 | 111.3 | 32.08 |
|        | -3                | -3.7     | 143.3                     | 37.53 | 135.4 | 36.48 | 127.3 | 35.26 | 123.0 | 33.61 | 119.2 | 32.31 | 111.3 | 30.60 |
|        | 0                 | -0.7     | 143.3                     | 34.88 | 135.4 | 33.81 | 127.3 | 32.68 | 123.0 | 31.17 | 119.2 | 30.01 | 111.3 | 28.39 |
|        | 3                 | 2.2      | 143.3                     | 32.24 | 135.4 | 31.14 | 127.3 | 30.09 | 123.0 | 28.70 | 119.2 | 27.74 | 111.3 | 26.16 |
|        | 5                 | 4.1      | 143.3                     | 30.50 | 135.4 | 29.36 | 127.3 | 28.39 | 123.0 | 27.10 | 119.2 | 26.20 | 111.3 | 24.69 |
|        | 7                 | 6        | 143.3                     | 28.73 | 135.4 | 27.57 | 127.3 | 26.65 | 123.0 | 25.46 | 119.2 | 24.69 | 111.3 | 23.21 |
|        | 9                 | 7.9      | 143.3                     | 25.96 | 135.4 | 24.92 | 127.3 | 24.06 | 123.0 | 22.98 | 119.2 | 22.29 | 111.3 | 20.96 |
|        | 11                | 9.8      | 143.3                     | 24.17 | 135.4 | 23.18 | 127.3 | 22.42 | 123.0 | 21.40 | 119.2 | 20.76 | 111.3 | 19.50 |
|        | 13                | 11.8     | 143.3                     | 22.62 | 135.4 | 21.69 | 127.3 | 20.97 | 123.0 | 20.02 | 119.2 | 19.42 | 111.3 | 18.26 |
|        | 15                | 13.7     | 143.3                     | 21.33 | 135.4 | 20.45 | 127.3 | 19.78 | 123.0 | 18.88 | 119.2 | 18.30 | 111.3 | 17.21 |
| 60     | -30               | -30.2    | 69.60                     | 52.61 | 69.60 | 52.96 | 69.00 | 59.37 | 66.70 | 56.18 | 64.40 | 53.23 | 60.30 | 50.63 |
|        | -24.8             | -25      | 115.7                     | 53.36 | 115.7 | 53.71 | 109.1 | 51.49 | 105.5 | 48.80 | 101.8 | 46.28 | 95.40 | 43.94 |
|        | -21.8             | -22      | 123.0                     | 53.34 | 116.3 | 51.38 | 109.1 | 48.71 | 105.5 | 46.20 | 101.8 | 43.86 | 95.40 | 41.57 |
|        | -19.8             | -20      | 123.0                     | 51.32 | 116.3 | 49.43 | 109.1 | 46.86 | 105.5 | 44.46 | 101.8 | 42.21 | 95.40 | 40.00 |
|        | -18.8             | -19      | 123.0                     | 50.32 | 116.3 | 48.45 | 109.1 | 45.96 | 105.5 | 43.62 | 101.8 | 41.40 | 95.40 | 39.21 |
|        | -16.7             | -17      | 123.0                     | 48.25 | 116.3 | 46.40 | 109.1 | 44.00 | 105.5 | 41.80 | 101.8 | 39.71 | 95.40 | 37.58 |
|        | -15               | -15.9    | 123.0                     | 46.79 | 116.3 | 44.94 | 109.1 | 42.63 | 105.5 | 40.52 | 101.8 | 38.49 | 95.40 | 36.41 |
|        | -13.7             | -15      | 123.0                     | 45.33 | 116.3 | 43.50 | 109.1 | 41.26 | 105.5 | 39.23 | 101.8 | 37.29 | 95.40 | 35.24 |
|        | -11.8             | -13      | 123.0                     | 43.46 | 116.3 | 41.65 | 109.1 | 39.52 | 105.5 | 37.60 | 101.8 | 35.76 | 95.40 | 33.77 |
|        | -9.8              | -11      | 123.0                     | 41.50 | 116.3 | 39.71 | 109.1 | 37.71 | 105.5 | 35.89 | 101.8 | 34.15 | 95.40 | 32.22 |
|        | -9.5              | -10      | 123.0                     | 41.21 | 116.3 | 39.43 | 109.1 | 37.45 | 105.5 | 35.63 | 101.8 | 33.90 | 95.40 | 31.99 |
|        | -8.5              | -9.1     | 123.0                     | 40.24 | 116.3 | 38.48 | 109.1 | 36.54 | 105.5 | 34.80 | 101.8 | 33.12 | 95.40 | 31.22 |
|        | -7                | -7.6     | 123.0                     | 38.80 | 116.3 | 37.05 | 109.1 | 35.17 | 105.5 | 33.52 | 101.8 | 31.92 | 95.40 | 30.06 |
|        | -5                | -5.6     | 123.0                     | 36.89 | 116.3 | 35.16 | 109.1 | 33.42 | 105.5 | 31.86 | 101.8 | 30.36 | 95.40 | 28.57 |
|        | -3                | -3.7     | 123.0                     | 35.02 | 116.3 | 33.29 | 109.1 | 31.65 | 105.5 | 30.20 | 101.8 | 28.79 | 95.40 | 27.06 |
|        | 0                 | -0.7     | 123.0                     | 32.16 | 116.3 | 30.47 | 109.1 | 28.99 | 105.5 | 27.72 | 101.8 | 26.47 | 95.40 | 24.80 |
|        | 3                 | 2.2      | 123.0                     | 29.33 | 116.3 | 27.67 | 109.1 | 26.34 | 105.5 | 25.23 | 101.8 | 24.13 | 95.40 | 22.55 |
|        | 5                 | 4.1      | 123.0                     | 27.44 | 116.3 | 25.80 | 109.1 | 24.59 | 105.5 | 23.57 | 101.8 | 22.59 | 95.40 | 21.04 |
|        | 7                 | 6        | 123.0                     | 25.54 | 116.3 | 23.92 | 109.1 | 22.82 | 105.5 | 21.91 | 101.8 | 21.02 | 95.40 | 19.55 |
|        | 9                 | 7.9      | 123.0                     | 22.79 | 116.3 | 21.35 | 109.1 | 20.34 | 105.5 | 19.58 | 101.8 | 18.76 | 95.40 | 17.44 |
|        | 11                | 9.8      | 123.0                     | 21.27 | 116.3 | 19.93 | 109.1 | 18.99 | 105.5 | 18.28 | 101.8 | 17.52 | 95.40 | 16.29 |
|        | 13                | 11.8     | 123.0                     | 19.93 | 116.3 | 18.65 | 109.1 | 17.81 | 105.5 | 17.12 | 101.8 | 16.41 | 95.40 | 15.26 |
|        | 15                | 13.7     | 123.0                     | 18.82 | 116.3 | 17.64 | 109.1 | 16.83 | 105.5 | 16.15 | 101.8 | 15.52 | 95.40 | 14.43 |
| 50     | -30               | -30.2    | 64.90                     | 45.52 | 61.20 | 51.19 | 57.40 | 48.47 | 55.70 | 45.94 | 53.70 | 43.46 | 50.20 | 41.32 |
|        | -24.8             | -25      | 102.6                     | 43.90 | 96.80 | 44.38 | 91.00 | 42.04 | 88.10 | 39.86 | 85.00 | 37.79 | 79.20 | 35.85 |
|        | -21.8             | -22      | 102.6                     | 44.30 | 96.80 | 41.98 | 91.00 | 39.77 | 88.10 | 37.71 | 85.00 | 35.79 | 79.20 | 33.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 102.6                     | 42.61 | 96.80 | 40.35 | 91.00 | 38.26 | 88.10 | 36.28 | 85.00 | 34.46 | 79.20 | 32.63 |
|        | -18.8             | -19      | 102.6                     | 41.77 | 96.80 | 39.54 | 91.00 | 37.54 | 88.10 | 35.57 | 85.00 | 33.80 | 79.20 | 32.03 |
|        | -16.7             | -17      | 102.6                     | 40.02 | 96.80 | 37.88 | 91.00 | 35.94 | 88.10 | 34.07 | 85.00 | 32.40 | 79.20 | 30.68 |
|        | -15               | -15.9    | 102.6                     | 38.76 | 96.80 | 36.65 | 91.00 | 34.82 | 88.10 | 33.01 | 85.00 | 31.40 | 79.20 | 29.71 |
|        | -13.7             | -15      | 102.6                     | 37.50 | 96.80 | 35.45 | 91.00 | 33.69 | 88.10 | 31.95 | 85.00 | 30.42 | 79.20 | 28.77 |
|        | -11.8             | -13      | 102.6                     | 35.91 | 96.80 | 33.96 | 91.00 | 32.29 | 88.10 | 30.62 | 85.00 | 29.17 | 79.20 | 27.58 |
|        | -9.8              | -11      | 102.6                     | 34.26 | 96.80 | 32.36 | 91.00 | 30.79 | 88.10 | 29.20 | 85.00 | 27.86 | 79.20 | 26.31 |
|        | -9.5              | -10      | 102.6                     | 34.01 | 96.80 | 32.13 | 91.00 | 30.56 | 88.10 | 29.00 | 85.00 | 27.67 | 79.20 | 26.12 |
|        | -8.5              | -9.1     | 102.6                     | 33.20 | 96.80 | 31.33 | 91.00 | 29.84 | 88.10 | 28.31 | 85.00 | 27.02 | 79.20 | 25.49 |
|        | -7                | -7.6     | 102.6                     | 31.93 | 96.80 | 30.15 | 91.00 | 28.73 | 88.10 | 27.24 | 85.00 | 26.03 | 79.20 | 24.55 |
|        | -5                | -5.6     | 102.6                     | 30.32 | 96.80 | 28.61 | 91.00 | 27.29 | 88.10 | 25.90 | 85.00 | 24.77 | 79.20 | 23.33 |
|        | -3                | -3.7     | 102.6                     | 28.73 | 96.80 | 27.06 | 91.00 | 25.83 | 88.10 | 24.51 | 85.00 | 23.49 | 79.20 | 22.09 |
|        | 0                 | -0.7     | 102.6                     | 26.30 | 96.80 | 24.72 | 91.00 | 23.67 | 88.10 | 22.47 | 85.00 | 21.59 | 79.20 | 20.27 |
|        | 3                 | 2.2      | 102.6                     | 23.86 | 96.80 | 22.42 | 91.00 | 21.51 | 88.10 | 20.41 | 85.00 | 19.68 | 79.20 | 18.44 |
|        | 5                 | 4.1      | 102.6                     | 22.25 | 96.80 | 20.87 | 91.00 | 20.08 | 88.10 | 19.04 | 85.00 | 18.42 | 79.20 | 17.21 |
|        | 7                 | 6        | 102.6                     | 20.64 | 96.80 | 19.33 | 91.00 | 18.63 | 88.10 | 17.67 | 85.00 | 17.13 | 79.20 | 16.00 |
|        | 9                 | 7.9      | 102.6                     | 18.65 | 96.80 | 17.44 | 91.00 | 16.83 | 88.10 | 15.98 | 85.00 | 15.47 | 79.20 | 14.46 |
|        | 11                | 9.8      | 102.6                     | 17.44 | 96.80 | 16.32 | 91.00 | 15.73 | 88.10 | 14.94 | 85.00 | 14.49 | 79.20 | 13.50 |
|        | 13                | 11.8     | 102.6                     | 16.38 | 96.80 | 15.33 | 91.00 | 14.77 | 88.10 | 14.04 | 85.00 | 13.59 | 79.20 | 12.69 |
|        | 15                | 13.7     | 102.6                     | 15.50 | 96.80 | 14.52 | 91.00 | 13.98 | 88.10 | 13.26 | 85.00 | 12.88 | 79.20 | 11.99 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM600LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 75.00                     | 65.31 | 75.00 | 65.52 | 74.40 | 65.73 | 74.40 | 66.00 | 74.40 | 66.33 | 72.90 | 66.69 |
|        | -24.8             | -25      | 124.8                     | 65.85 | 124.8 | 66.06 | 123.9 | 66.24 | 123.9 | 66.54 | 123.9 | 66.81 | 121.8 | 67.20 |
|        | -21.8             | -22      | 151.8                     | 66.15 | 151.8 | 66.36 | 150.9 | 66.57 | 150.9 | 66.84 | 150.9 | 67.08 | 147.9 | 67.53 |
|        | -19.8             | -20      | 160.2                     | 66.36 | 160.2 | 66.57 | 159.0 | 66.75 | 159.0 | 67.02 | 159.0 | 67.29 | 156.0 | 67.71 |
|        | -18.8             | -19      | 163.5                     | 66.42 | 163.5 | 66.66 | 162.6 | 66.84 | 162.6 | 67.11 | 162.6 | 67.38 | 159.3 | 67.80 |
|        | -16.7             | -17      | 170.7                     | 66.66 | 170.7 | 66.87 | 169.8 | 67.05 | 169.8 | 67.32 | 169.8 | 67.56 | 166.5 | 68.01 |
|        | -15               | -15.9    | 175.8                     | 66.78 | 175.8 | 66.99 | 174.9 | 67.17 | 174.9 | 67.44 | 174.9 | 67.71 | 171.6 | 66.69 |
|        | -13.7             | -15      | 181.2                     | 66.96 | 181.2 | 67.14 | 180.3 | 67.32 | 180.3 | 67.59 | 180.3 | 67.89 | 176.7 | 65.40 |
|        | -11.8             | -13      | 187.2                     | 67.11 | 187.2 | 67.32 | 185.7 | 67.53 | 185.7 | 67.80 | 185.7 | 66.12 | 183.0 | 63.75 |
|        | -9.8              | -11      | 193.2                     | 67.32 | 193.2 | 67.53 | 192.3 | 67.71 | 192.3 | 65.97 | 192.3 | 64.32 | 189.6 | 62.04 |
|        | -9.5              | -10      | 194.4                     | 67.35 | 194.4 | 67.53 | 193.2 | 67.41 | 193.2 | 65.70 | 193.2 | 64.05 | 190.5 | 61.80 |
|        | -8.5              | -9.1     | 198.3                     | 67.44 | 198.3 | 67.65 | 196.8 | 66.48 | 196.8 | 64.77 | 195.9 | 63.15 | 194.1 | 60.93 |
|        | -7                | -7.6     | 204.0                     | 67.59 | 204.0 | 66.30 | 202.5 | 65.10 | 202.5 | 63.39 | 202.5 | 61.80 | 199.2 | 59.64 |
|        | -5                | -5.6     | 211.2                     | 65.94 | 211.2 | 64.59 | 210.0 | 63.36 | 210.0 | 61.68 | 210.0 | 60.06 | 205.8 | 58.02 |
|        | -3                | -3.7     | 218.7                     | 64.29 | 218.7 | 62.85 | 217.5 | 61.56 | 217.5 | 59.91 | 217.5 | 58.32 | 212.4 | 56.37 |
|        | 0                 | -0.7     | 229.8                     | 61.86 | 229.8 | 60.33 | 228.6 | 58.89 | 228.6 | 57.30 | 228.6 | 55.74 | 213.3 | 51.66 |
|        | 3                 | 2.2      | 241.2                     | 59.40 | 241.2 | 57.75 | 239.7 | 56.28 | 237.6 | 54.21 | 229.2 | 50.85 | 213.3 | 48.84 |
|        | 5                 | 4.1      | 244.2                     | 56.73 | 244.2 | 54.99 | 243.6 | 53.70 | 237.6 | 50.91 | 229.2 | 48.78 | 213.3 | 47.28 |
|        | 7                 | 6        | 244.2                     | 53.52 | 244.2 | 51.81 | 243.6 | 50.49 | 237.6 | 48.60 | 229.2 | 47.16 | 213.3 | 45.75 |
|        | 9                 | 7.9      | 244.2                     | 51.99 | 244.2 | 50.31 | 243.6 | 48.87 | 237.6 | 47.43 | 229.2 | 46.02 | 213.3 | 44.64 |
|        | 11                | 9.8      | 244.2                     | 51.18 | 244.2 | 49.53 | 243.6 | 48.12 | 237.6 | 46.68 | 229.2 | 45.30 | 213.3 | 43.95 |
|        | 13                | 11.8     | 244.2                     | 50.28 | 244.2 | 48.69 | 243.6 | 47.25 | 237.6 | 45.90 | 229.2 | 44.52 | 213.3 | 43.20 |
|        | 15                | 13.7     | 244.2                     | 49.35 | 244.2 | 47.76 | 243.6 | 46.35 | 237.6 | 45.03 | 229.2 | 43.68 | 213.3 | 42.36 |
| 120    | -30               | -30.2    | 74.40                     | 65.52 | 74.40 | 65.73 | 73.80 | 66.00 | 73.80 | 66.33 | 73.80 | 66.69 | 72.30 | 67.05 |
|        | -24.8             | -25      | 123.9                     | 66.06 | 123.9 | 66.24 | 123.0 | 66.54 | 123.0 | 66.81 | 123.0 | 67.20 | 120.6 | 67.53 |
|        | -21.8             | -22      | 150.9                     | 66.36 | 150.9 | 66.57 | 149.7 | 66.84 | 149.7 | 67.08 | 149.7 | 67.53 | 147.0 | 67.80 |
|        | -19.8             | -20      | 159.0                     | 66.57 | 159.0 | 66.75 | 158.1 | 67.02 | 158.1 | 67.29 | 158.1 | 67.71 | 154.8 | 67.98 |
|        | -18.8             | -19      | 162.6                     | 66.66 | 162.6 | 66.84 | 161.4 | 67.11 | 161.4 | 67.38 | 161.4 | 67.80 | 158.4 | 68.10 |
|        | -16.7             | -17      | 169.8                     | 66.87 | 169.8 | 67.05 | 168.6 | 67.32 | 168.6 | 67.56 | 168.6 | 68.01 | 165.3 | 66.39 |
|        | -15               | -15.9    | 174.9                     | 66.99 | 174.9 | 67.17 | 173.7 | 67.44 | 173.7 | 67.71 | 173.7 | 66.75 | 170.4 | 65.19 |
|        | -13.7             | -15      | 179.7                     | 67.14 | 179.7 | 67.32 | 178.8 | 67.59 | 178.8 | 67.89 | 178.8 | 65.49 | 175.5 | 64.02 |
|        | -11.8             | -13      | 185.7                     | 67.32 | 185.7 | 67.53 | 184.5 | 67.80 | 184.5 | 66.12 | 184.5 | 63.96 | 181.8 | 62.49 |
|        | -9.8              | -11      | 191.7                     | 67.53 | 191.7 | 67.71 | 190.5 | 65.88 | 190.5 | 64.29 | 190.5 | 62.31 | 188.4 | 60.93 |
|        | -9.5              | -10      | 193.2                     | 67.53 | 193.2 | 67.41 | 191.7 | 65.61 | 191.7 | 64.02 | 191.7 | 62.04 | 189.3 | 60.69 |
|        | -8.5              | -9.1     | 196.5                     | 67.65 | 196.5 | 66.39 | 195.6 | 64.65 | 195.6 | 63.12 | 195.6 | 61.23 | 192.9 | 59.88 |
|        | -7                | -7.6     | 202.2                     | 66.18 | 202.2 | 64.89 | 201.0 | 63.24 | 201.0 | 61.74 | 201.0 | 60.00 | 197.4 | 58.68 |
|        | -5                | -5.6     | 210.0                     | 64.26 | 210.0 | 62.97 | 208.2 | 61.38 | 208.2 | 59.97 | 208.2 | 58.44 | 200.4 | 56.04 |
|        | -3                | -3.7     | 217.2                     | 62.37 | 217.2 | 61.08 | 216.0 | 59.58 | 216.0 | 58.23 | 215.7 | 56.85 | 200.4 | 52.86 |
|        | 0                 | -0.7     | 228.3                     | 59.55 | 228.3 | 58.20 | 226.8 | 56.85 | 222.6 | 54.57 | 215.7 | 51.81 | 200.4 | 50.73 |
|        | 3                 | 2.2      | 239.7                     | 56.70 | 239.7 | 55.32 | 230.4 | 52.38 | 222.6 | 50.31 | 215.7 | 49.53 | 200.4 | 48.57 |
|        | 5                 | 4.1      | 242.4                     | 53.85 | 239.7 | 51.87 | 230.4 | 49.65 | 222.6 | 48.66 | 215.7 | 48.06 | 200.4 | 47.16 |
|        | 7                 | 6        | 242.4                     | 50.43 | 239.7 | 48.87 | 230.4 | 47.91 | 222.6 | 47.01 | 215.7 | 46.56 | 200.4 | 45.72 |
|        | 9                 | 7.9      | 242.4                     | 48.93 | 239.7 | 47.58 | 230.4 | 46.65 | 222.6 | 45.75 | 215.7 | 45.30 | 200.4 | 44.52 |
|        | 11                | 9.8      | 242.4                     | 48.03 | 239.7 | 46.71 | 230.4 | 45.78 | 222.6 | 44.91 | 215.7 | 44.49 | 200.4 | 43.71 |
|        | 13                | 11.8     | 242.4                     | 47.04 | 239.7 | 45.78 | 230.4 | 44.88 | 222.6 | 44.01 | 215.7 | 43.59 | 200.4 | 42.81 |
|        | 15                | 13.7     | 242.4                     | 46.02 | 239.7 | 44.76 | 230.4 | 43.89 | 222.6 | 43.05 | 215.7 | 42.63 | 200.4 | 41.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 74.10                     | 65.73 | 74.10 | 66.00 | 73.50 | 66.33 | 73.50 | 66.69 | 73.50 | 67.05 | 72.00 | 67.11 |
|        | -24.8             | -25      | 123.3                     | 66.24 | 123.3 | 66.54 | 122.4 | 66.81 | 122.4 | 67.20 | 122.4 | 67.53 | 120.0 | 67.65 |
|        | -21.8             | -22      | 149.7                     | 66.57 | 149.7 | 66.84 | 148.8 | 67.08 | 148.8 | 67.53 | 148.8 | 67.80 | 146.1 | 67.95 |
|        | -19.8             | -20      | 158.1                     | 66.75 | 158.1 | 67.02 | 157.2 | 67.29 | 157.2 | 67.71 | 157.2 | 67.98 | 153.9 | 68.13 |
|        | -18.8             | -19      | 161.4                     | 66.84 | 161.4 | 67.11 | 160.5 | 67.38 | 160.5 | 67.80 | 160.5 | 68.10 | 157.5 | 67.23 |
|        | -16.7             | -17      | 168.9                     | 67.05 | 168.9 | 67.32 | 167.4 | 67.56 | 167.4 | 68.01 | 167.4 | 66.27 | 164.4 | 65.37 |
|        | -15               | -15.9    | 173.7                     | 67.17 | 173.7 | 67.44 | 172.5 | 67.71 | 172.5 | 66.63 | 172.5 | 64.98 | 171.0 | 64.02 |
|        | -13.7             | -15      | 178.8                     | 67.32 | 178.8 | 67.59 | 177.6 | 67.89 | 177.6 | 65.25 | 177.6 | 63.69 | 177.6 | 62.70 |
|        | -11.8             | -13      | 184.5                     | 67.53 | 184.5 | 67.80 | 183.6 | 65.94 | 183.6 | 63.54 | 183.6 | 62.04 | 180.3 | 59.91 |
|        | -9.8              | -11      | 190.8                     | 67.71 | 190.8 | 65.64 | 189.6 | 63.93 | 189.6 | 61.71 | 189.6 | 60.33 | 180.3 | 56.73 |
|        | -9.5              | -10      | 191.7                     | 67.35 | 191.7 | 65.31 | 190.8 | 63.63 | 190.8 | 61.47 | 190.8 | 60.06 | 180.3 | 56.01 |
|        | -8.5              | -9.1     | 195.6                     | 66.21 | 195.6 | 64.23 | 194.4 | 62.64 | 194.4 | 60.54 | 193.2 | 58.86 | 180.3 | 55.17 |
|        | -7                | -7.6     | 201.3                     | 64.47 | 201.3 | 62.61 | 200.1 | 61.11 | 199.8 | 59.10 | 193.2 | 55.95 | 180.3 | 53.94 |
|        | -5                | -5.6     | 208.5                     | 62.25 | 208.5 | 60.57 | 206.7 | 59.04 | 199.8 | 55.38 | 193.2 | 53.43 | 180.3 | 52.32 |
|        | -3                | -3.7     | 216.0                     | 60.03 | 216.0 | 58.50 | 206.7 | 55.17 | 199.8 | 52.89 | 193.2 | 51.87 | 180.3 | 50.73 |
|        | 0                 | -0.7     | 226.8                     | 56.70 | 220.2 | 53.76 | 206.7 | 51.63 | 199.8 | 50.40 | 193.2 | 49.53 | 180.3 | 48.30 |
|        | 3                 | 2.2      | 233.1                     | 52.26 | 220.2 | 49.65 | 206.7 | 48.87 | 199.8 | 47.97 | 193.2 | 47.22 | 180.3 | 45.93 |
|        | 5                 | 4.1      | 233.1                     | 48.54 | 220.2 | 47.70 | 206.7 | 47.07 | 199.8 | 46.29 | 193.2 | 45.66 | 180.3 | 44.31 |
|        | 7                 | 6        | 233.1                     | 46.41 | 220.2 | 45.72 | 206.7 | 45.24 | 199.8 | 44.67 | 193.2 | 44.10 | 180.3 | 42.72 |
|        | 9                 | 7.9      | 233.1                     | 45.00 | 220.2 | 44.31 | 206.7 | 43.83 | 199.8 | 43.29 | 193.2 | 42.72 | 180.3 | 41.40 |
|        | 11                | 9.8      | 233.1                     | 43.95 | 220.2 | 43.29 | 206.7 | 42.81 | 199.8 | 42.27 | 193.2 | 41.73 | 180.3 | 40.44 |
|        | 13                | 11.8     | 233.1                     | 42.84 | 220.2 | 42.21 | 206.7 | 41.73 | 199.8 | 41.22 | 193.2 | 40.68 | 180.3 | 39.42 |
|        | 15                | 13.7     | 233.1                     | 41.64 | 220.2 | 41.01 | 206.7 | 40.56 | 199.8 | 40.08 | 193.2 | 39.54 | 180.3 | 38.31 |
| 100    | -30               | -30.2    | 73.50                     | 74.10 | 73.50 | 73.62 | 73.20 | 62.85 | 73.20 | 72.21 | 73.20 | 70.20 | 71.70 | 71.37 |
|        | -24.8             | -25      | 122.7                     | 72.45 | 122.7 | 71.94 | 122.1 | 66.24 | 122.1 | 70.56 | 122.1 | 70.02 | 119.4 | 69.72 |
|        | -21.8             | -22      | 149.1                     | 71.52 | 149.1 | 70.95 | 148.2 | 68.19 | 148.2 | 69.63 | 148.2 | 69.90 | 145.5 | 68.79 |
|        | -19.8             | -20      | 157.5                     | 70.86 | 157.5 | 70.32 | 156.3 | 69.39 | 156.3 | 68.97 | 156.3 | 68.70 | 153.3 | 68.13 |
|        | -18.8             | -19      | 160.8                     | 70.53 | 159.9 | 70.02 | 159.9 | 69.48 | 159.9 | 68.64 | 159.9 | 68.10 | 156.9 | 67.05 |
|        | -16.7             | -17      | 166.8                     | 69.90 | 166.8 | 69.33 | 166.8 | 69.66 | 165.9 | 68.01 | 165.9 | 65.85 | 162.9 | 64.77 |
|        | -15               | -15.9    | 172.5                     | 69.39 | 172.5 | 68.85 | 171.9 | 68.76 | 171.6 | 66.39 | 171.6 | 64.23 | 164.7 | 61.83 |
|        | -13.7             | -15      | 177.9                     | 68.91 | 177.9 | 68.40 | 177.0 | 67.89 | 177.0 | 64.77 | 177.0 | 62.64 | 164.7 | 58.38 |
|        | -11.8             | -13      | 183.6                     | 68.34 | 182.7 | 67.80 | 182.7 | 65.73 | 182.7 | 62.73 | 177.0 | 58.74 | 164.7 | 56.40 |
|        | -9.8              | -11      | 189.9                     | 67.71 | 189.9 | 65.40 | 189.0 | 63.48 | 183.0 | 58.65 | 177.0 | 55.53 | 164.7 | 54.36 |
|        | -9.5              | -10      | 190.8                     | 67.32 | 190.8 | 65.01 | 189.0 | 62.79 | 183.0 | 58.05 | 177.0 | 55.23 | 164.7 | 54.06 |
|        | -8.5              | -9.1     | 194.7                     | 66.09 | 194.7 | 63.84 | 189.0 | 60.48 | 183.0 | 56.16 | 177.0 | 54.21 | 164.7 | 53.01 |
|        | -7                | -7.6     | 203.4                     | 64.20 | 201.0 | 61.56 | 189.0 | 57.21 | 183.0 | 54.63 | 177.0 | 52.71 | 164.7 | 51.48 |
|        | -5                | -5.6     | 212.4                     | 61.80 | 201.0 | 57.12 | 189.0 | 55.17 | 183.0 | 52.68 | 177.0 | 50.79 | 164.7 | 49.53 |
|        | -3                | -3.7     | 213.3                     | 58.02 | 201.0 | 54.51 | 189.0 | 53.13 | 183.0 | 50.73 | 177.0 | 48.84 | 164.7 | 47.55 |
|        | 0                 | -0.7     | 213.3                     | 52.95 | 201.0 | 51.21 | 189.0 | 50.01 | 183.0 | 47.79 | 177.0 | 45.93 | 164.7 | 44.58 |
|        | 3                 | 2.2      | 213.3                     | 49.50 | 201.0 | 47.94 | 189.0 | 46.92 | 183.0 | 44.85 | 177.0 | 43.05 | 164.7 | 41.61 |
|        | 5                 | 4.1      | 213.3                     | 47.22 | 201.0 | 45.72 | 189.0 | 44.85 | 183.0 | 42.90 | 177.0 | 41.10 | 164.7 | 39.63 |
|        | 7                 | 6        | 213.3                     | 44.94 | 201.0 | 43.53 | 189.0 | 42.78 | 183.0 | 40.92 | 177.0 | 39.18 | 164.7 | 37.65 |
|        | 9                 | 7.9      | 213.3                     | 43.35 | 201.0 | 42.03 | 189.0 | 41.28 | 183.0 | 39.48 | 177.0 | 37.80 | 164.7 | 36.33 |
|        | 11                | 9.8      | 213.3                     | 42.18 | 201.0 | 40.83 | 189.0 | 40.14 | 183.0 | 38.37 | 177.0 | 36.72 | 164.7 | 35.31 |
|        | 13                | 11.8     | 213.3                     | 40.89 | 201.0 | 39.60 | 189.0 | 38.91 | 183.0 | 37.23 | 177.0 | 35.61 | 164.7 | 34.26 |
|        | 15                | 13.7     | 213.3                     | 39.51 | 201.0 | 38.28 | 189.0 | 37.59 | 183.0 | 36.00 | 177.0 | 34.41 | 164.7 | 33.12 |
| 90     | -30               | -30.2    | 73.50                     | 64.50 | 73.50 | 64.86 | 72.90 | 65.16 | 72.90 | 65.28 | 72.90 | 65.64 | 71.40 | 71.67 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 122.4                     | 64.98 | 122.4 | 65.40 | 121.5 | 65.70 | 121.5 | 65.82 | 121.5 | 66.12 | 119.1 | 66.54 |
|        | -21.8             | -22      | 148.5                     | 65.25 | 148.5 | 65.70 | 147.6 | 66.00 | 147.6 | 66.12 | 147.6 | 66.42 | 144.9 | 63.57 |
|        | -19.8             | -20      | 156.9                     | 65.49 | 156.9 | 65.88 | 155.7 | 66.21 | 155.7 | 66.33 | 155.7 | 64.41 | 150.6 | 60.69 |
|        | -18.8             | -19      | 160.8                     | 65.58 | 159.9 | 66.00 | 159.3 | 66.27 | 159.3 | 65.28 | 159.3 | 63.39 | 150.6 | 58.50 |
|        | -16.7             | -17      | 166.8                     | 65.79 | 166.8 | 66.18 | 166.2 | 64.14 | 166.2 | 63.12 | 162.3 | 59.85 | 150.6 | 55.62 |
|        | -15               | -15.9    | 172.5                     | 65.91 | 172.5 | 64.62 | 171.3 | 62.64 | 167.7 | 60.30 | 162.3 | 57.57 | 150.6 | 54.24 |
|        | -13.7             | -15      | 177.9                     | 66.06 | 177.9 | 63.03 | 172.8 | 59.88 | 167.7 | 57.12 | 162.3 | 55.35 | 150.6 | 52.86 |
|        | -11.8             | -13      | 183.6                     | 63.93 | 182.7 | 61.05 | 172.8 | 56.19 | 167.7 | 55.17 | 162.3 | 53.55 | 150.6 | 51.09 |
|        | -9.8              | -11      | 189.9                     | 61.68 | 183.6 | 57.00 | 172.8 | 54.30 | 167.7 | 53.22 | 162.3 | 51.69 | 150.6 | 49.26 |
|        | -9.5              | -10      | 190.8                     | 61.32 | 183.6 | 56.40 | 172.8 | 54.00 | 167.7 | 52.92 | 162.3 | 51.42 | 150.6 | 48.99 |
|        | -8.5              | -9.1     | 194.7                     | 60.21 | 183.6 | 54.78 | 172.8 | 53.07 | 167.7 | 51.99 | 162.3 | 50.46 | 150.6 | 48.06 |
|        | -7                | -7.6     | 195.3                     | 56.16 | 183.6 | 53.22 | 172.8 | 51.63 | 167.7 | 50.55 | 162.3 | 49.05 | 150.6 | 46.68 |
|        | -5                | -5.6     | 195.3                     | 53.49 | 183.6 | 51.33 | 172.8 | 49.80 | 167.7 | 48.66 | 162.3 | 47.25 | 150.6 | 44.94 |
|        | -3                | -3.7     | 195.3                     | 51.45 | 183.6 | 49.41 | 172.8 | 47.97 | 167.7 | 46.80 | 162.3 | 45.42 | 150.6 | 43.14 |
|        | 0                 | -0.7     | 195.3                     | 48.36 | 183.6 | 46.53 | 172.8 | 45.24 | 167.7 | 44.01 | 162.3 | 42.72 | 150.6 | 40.50 |
|        | 3                 | 2.2      | 195.3                     | 45.27 | 183.6 | 43.71 | 172.8 | 42.48 | 167.7 | 41.22 | 162.3 | 39.99 | 150.6 | 37.83 |
|        | 5                 | 4.1      | 195.3                     | 43.20 | 183.6 | 41.79 | 172.8 | 40.65 | 167.7 | 39.36 | 162.3 | 38.19 | 150.6 | 36.06 |
|        | 7                 | 6        | 195.3                     | 41.16 | 183.6 | 39.90 | 172.8 | 38.82 | 167.7 | 37.50 | 162.3 | 36.39 | 150.6 | 34.32 |
|        | 9                 | 7.9      | 195.3                     | 39.21 | 183.6 | 38.01 | 172.8 | 36.99 | 167.7 | 35.70 | 162.3 | 34.65 | 150.6 | 32.67 |
|        | 11                | 9.8      | 195.3                     | 37.26 | 183.6 | 36.12 | 172.8 | 35.16 | 167.7 | 33.96 | 162.3 | 32.94 | 150.6 | 31.08 |
|        | 13                | 11.8     | 195.3                     | 35.34 | 183.6 | 34.26 | 172.8 | 33.33 | 167.7 | 32.19 | 162.3 | 31.23 | 150.6 | 29.43 |
|        | 15                | 13.7     | 195.3                     | 33.39 | 183.6 | 32.37 | 172.8 | 31.47 | 167.7 | 30.39 | 162.3 | 29.49 | 150.6 | 27.84 |
| 80     | -30               | -30.2    | 72.90                     | 56.97 | 72.90 | 57.42 | 72.60 | 57.78 | 72.60 | 57.36 | 72.60 | 63.66 | 71.10 | 60.99 |
|        | -24.8             | -25      | 121.8                     | 57.54 | 121.8 | 57.99 | 120.9 | 58.29 | 120.9 | 58.41 | 120.9 | 59.13 | 118.5 | 56.64 |
|        | -21.8             | -22      | 147.0                     | 57.87 | 147.0 | 58.29 | 147.0 | 58.59 | 147.0 | 59.01 | 144.6 | 55.62 | 134.7 | 51.39 |
|        | -19.8             | -20      | 155.1                     | 58.08 | 155.1 | 58.50 | 154.8 | 58.80 | 150.0 | 55.26 | 144.6 | 51.99 | 134.7 | 49.77 |
|        | -18.8             | -19      | 158.7                     | 58.20 | 158.7 | 58.89 | 154.8 | 56.58 | 150.0 | 53.40 | 144.6 | 51.21 | 134.7 | 49.02 |
|        | -16.7             | -17      | 163.2                     | 58.83 | 163.2 | 56.97 | 154.8 | 53.22 | 150.0 | 51.60 | 144.6 | 49.47 | 134.7 | 47.37 |
|        | -15               | -15.9    | 166.8                     | 57.39 | 164.7 | 55.44 | 154.8 | 51.90 | 150.0 | 50.28 | 144.6 | 48.24 | 134.7 | 46.17 |
|        | -13.7             | -15      | 170.4                     | 55.98 | 164.7 | 53.40 | 154.8 | 50.58 | 150.0 | 48.99 | 144.6 | 47.04 | 134.7 | 45.00 |
|        | -11.8             | -13      | 174.9                     | 54.18 | 164.7 | 50.94 | 154.8 | 48.93 | 150.0 | 47.40 | 144.6 | 45.48 | 134.7 | 43.53 |
|        | -9.8              | -11      | 174.9                     | 50.94 | 164.7 | 48.57 | 154.8 | 47.22 | 150.0 | 45.66 | 144.6 | 43.86 | 134.7 | 41.97 |
|        | -9.5              | -10      | 174.9                     | 50.31 | 164.7 | 48.03 | 154.8 | 46.95 | 150.0 | 45.42 | 144.6 | 43.62 | 134.7 | 41.73 |
|        | -8.5              | -9.1     | 174.9                     | 48.99 | 164.7 | 47.01 | 154.8 | 46.08 | 150.0 | 44.55 | 144.6 | 42.81 | 134.7 | 40.98 |
|        | -7                | -7.6     | 174.9                     | 47.16 | 164.7 | 45.69 | 154.8 | 44.79 | 150.0 | 43.26 | 144.6 | 41.61 | 134.7 | 39.78 |
|        | -5                | -5.6     | 174.9                     | 45.42 | 164.7 | 44.07 | 154.8 | 43.11 | 150.0 | 41.64 | 144.6 | 40.02 | 134.7 | 38.31 |
|        | -3                | -3.7     | 174.9                     | 43.71 | 164.7 | 42.39 | 154.8 | 41.46 | 150.0 | 39.96 | 144.6 | 38.46 | 134.7 | 36.78 |
|        | 0                 | -0.7     | 174.9                     | 41.13 | 164.7 | 39.90 | 154.8 | 38.94 | 150.0 | 37.50 | 144.6 | 36.12 | 134.7 | 34.53 |
|        | 3                 | 2.2      | 174.9                     | 38.55 | 164.7 | 37.41 | 154.8 | 36.42 | 150.0 | 35.01 | 144.6 | 33.81 | 134.7 | 32.31 |
|        | 5                 | 4.1      | 174.9                     | 36.84 | 164.7 | 35.76 | 154.8 | 34.77 | 150.0 | 33.36 | 144.6 | 32.25 | 134.7 | 30.78 |
|        | 7                 | 6        | 174.9                     | 35.10 | 164.7 | 34.08 | 154.8 | 33.09 | 150.0 | 31.71 | 144.6 | 30.66 | 134.7 | 29.28 |
|        | 9                 | 7.9      | 174.9                     | 32.97 | 164.7 | 32.01 | 154.8 | 31.08 | 150.0 | 29.79 | 144.6 | 28.80 | 134.7 | 27.51 |
|        | 11                | 9.8      | 174.9                     | 30.60 | 164.7 | 29.73 | 154.8 | 28.86 | 150.0 | 27.63 | 144.6 | 26.73 | 134.7 | 25.53 |
|        | 13                | 11.8     | 174.9                     | 28.56 | 164.7 | 27.75 | 154.8 | 26.94 | 150.0 | 25.80 | 144.6 | 24.96 | 134.7 | 23.82 |
|        | 15                | 13.7     | 174.9                     | 26.91 | 164.7 | 26.10 | 154.8 | 25.35 | 150.0 | 24.30 | 144.6 | 23.49 | 134.7 | 22.41 |
| 70     | -30               | -30.2    | 72.90                     | 56.43 | 72.90 | 56.64 | 72.60 | 56.91 | 72.60 | 62.76 | 72.60 | 59.76 | 71.10 | 57.03 |
|        | -24.8             | -25      | 121.8                     | 57.00 | 121.8 | 57.15 | 120.9 | 57.45 | 120.9 | 57.84 | 120.9 | 55.14 | 115.2 | 51.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 139.8                     | 57.33 | 139.8 | 57.45 | 131.7 | 54.81 | 127.2 | 52.23 | 123.3 | 49.80 | 115.2 | 47.46 |
|        | -19.8             | -20      | 148.2                     | 56.19 | 140.1 | 54.72 | 131.7 | 52.92 | 127.2 | 50.43 | 123.3 | 48.15 | 115.2 | 45.84 |
|        | -18.8             | -19      | 148.2                     | 54.69 | 140.1 | 53.79 | 131.7 | 51.99 | 127.2 | 49.53 | 123.3 | 47.28 | 115.2 | 45.03 |
|        | -16.7             | -17      | 148.2                     | 52.71 | 140.1 | 51.72 | 131.7 | 50.01 | 127.2 | 47.67 | 123.3 | 45.54 | 115.2 | 43.32 |
|        | -15               | -15.9    | 148.2                     | 51.27 | 140.1 | 50.28 | 131.7 | 48.60 | 127.2 | 46.32 | 123.3 | 44.28 | 115.2 | 42.12 |
|        | -13.7             | -15      | 148.2                     | 49.83 | 140.1 | 48.84 | 131.7 | 47.22 | 127.2 | 45.00 | 123.3 | 43.05 | 115.2 | 40.92 |
|        | -11.8             | -13      | 148.2                     | 48.00 | 140.1 | 47.01 | 131.7 | 45.45 | 127.2 | 43.32 | 123.3 | 41.46 | 115.2 | 39.39 |
|        | -9.8              | -11      | 148.2                     | 46.14 | 140.1 | 45.06 | 131.7 | 43.59 | 127.2 | 41.55 | 123.3 | 39.81 | 115.2 | 37.80 |
|        | -9.5              | -10      | 148.2                     | 45.84 | 140.1 | 44.79 | 131.7 | 43.29 | 127.2 | 41.28 | 123.3 | 39.57 | 115.2 | 37.56 |
|        | -8.5              | -9.1     | 148.2                     | 44.88 | 140.1 | 43.83 | 131.7 | 42.39 | 127.2 | 40.41 | 123.3 | 38.73 | 115.2 | 36.78 |
|        | -7                | -7.6     | 148.2                     | 43.47 | 140.1 | 42.42 | 131.7 | 41.01 | 127.2 | 39.09 | 123.3 | 37.50 | 115.2 | 35.55 |
|        | -5                | -5.6     | 148.2                     | 41.64 | 140.1 | 40.53 | 131.7 | 39.18 | 127.2 | 37.38 | 123.3 | 35.91 | 115.2 | 34.05 |
|        | -3                | -3.7     | 148.2                     | 39.81 | 140.1 | 38.70 | 131.7 | 37.41 | 127.2 | 35.67 | 123.3 | 34.29 | 115.2 | 32.49 |
|        | 0                 | -0.7     | 148.2                     | 37.05 | 140.1 | 35.91 | 131.7 | 34.71 | 127.2 | 33.12 | 123.3 | 31.89 | 115.2 | 30.18 |
|        | 3                 | 2.2      | 148.2                     | 34.29 | 140.1 | 33.12 | 131.7 | 32.01 | 127.2 | 30.54 | 123.3 | 29.52 | 115.2 | 27.84 |
|        | 5                 | 4.1      | 148.2                     | 32.49 | 140.1 | 31.26 | 131.7 | 30.24 | 127.2 | 28.86 | 123.3 | 27.90 | 115.2 | 26.31 |
|        | 7                 | 6        | 148.2                     | 30.63 | 140.1 | 29.40 | 131.7 | 28.41 | 127.2 | 27.15 | 123.3 | 26.34 | 115.2 | 24.75 |
|        | 9                 | 7.9      | 148.2                     | 27.69 | 140.1 | 26.58 | 131.7 | 25.65 | 127.2 | 24.51 | 123.3 | 23.76 | 115.2 | 22.35 |
|        | 11                | 9.8      | 148.2                     | 25.77 | 140.1 | 24.72 | 131.7 | 23.91 | 127.2 | 22.83 | 123.3 | 22.14 | 115.2 | 20.79 |
|        | 13                | 11.8     | 148.2                     | 24.12 | 140.1 | 23.13 | 131.7 | 22.35 | 127.2 | 21.36 | 123.3 | 20.70 | 115.2 | 19.47 |
|        | 15                | 13.7     | 148.2                     | 22.74 | 140.1 | 21.81 | 131.7 | 21.09 | 127.2 | 20.13 | 123.3 | 19.50 | 115.2 | 18.36 |
| 60     | -30               | -30.2    | 72.00                     | 56.04 | 72.00 | 56.31 | 71.40 | 62.70 | 69.00 | 59.37 | 66.60 | 56.28 | 62.40 | 53.55 |
|        | -24.8             | -25      | 119.7                     | 56.61 | 119.7 | 56.88 | 112.8 | 54.42 | 109.2 | 51.60 | 105.3 | 48.96 | 98.70 | 46.50 |
|        | -21.8             | -22      | 127.2                     | 56.43 | 120.3 | 54.30 | 112.8 | 51.51 | 109.2 | 48.87 | 105.3 | 46.41 | 98.70 | 44.01 |
|        | -19.8             | -20      | 127.2                     | 54.24 | 120.3 | 52.26 | 112.8 | 49.56 | 109.2 | 47.04 | 105.3 | 44.67 | 98.70 | 42.36 |
|        | -18.8             | -19      | 127.2                     | 53.19 | 120.3 | 51.24 | 112.8 | 48.63 | 109.2 | 46.17 | 105.3 | 43.83 | 98.70 | 41.52 |
|        | -16.7             | -17      | 127.2                     | 51.03 | 120.3 | 49.08 | 112.8 | 46.56 | 109.2 | 44.25 | 105.3 | 42.06 | 98.70 | 39.81 |
|        | -15               | -15.9    | 127.2                     | 49.50 | 120.3 | 47.55 | 112.8 | 45.12 | 109.2 | 42.90 | 105.3 | 40.77 | 98.70 | 38.58 |
|        | -13.7             | -15      | 127.2                     | 47.97 | 120.3 | 46.05 | 112.8 | 43.68 | 109.2 | 41.55 | 105.3 | 39.51 | 98.70 | 37.35 |
|        | -11.8             | -13      | 127.2                     | 46.02 | 120.3 | 44.10 | 112.8 | 41.85 | 109.2 | 39.84 | 105.3 | 37.89 | 98.70 | 35.79 |
|        | -9.8              | -11      | 127.2                     | 43.95 | 120.3 | 42.06 | 112.8 | 39.96 | 109.2 | 38.04 | 105.3 | 36.21 | 98.70 | 34.17 |
|        | -9.5              | -10      | 127.2                     | 43.65 | 120.3 | 41.76 | 112.8 | 39.69 | 109.2 | 37.77 | 105.3 | 35.94 | 98.70 | 33.93 |
|        | -8.5              | -9.1     | 127.2                     | 42.63 | 120.3 | 40.77 | 112.8 | 38.73 | 109.2 | 36.90 | 105.3 | 35.13 | 98.70 | 33.12 |
|        | -7                | -7.6     | 127.2                     | 41.13 | 120.3 | 39.27 | 112.8 | 37.29 | 109.2 | 35.55 | 105.3 | 33.87 | 98.70 | 31.89 |
|        | -5                | -5.6     | 127.2                     | 39.12 | 120.3 | 37.29 | 112.8 | 35.46 | 109.2 | 33.81 | 105.3 | 32.22 | 98.70 | 30.33 |
|        | -3                | -3.7     | 127.2                     | 37.17 | 120.3 | 35.34 | 112.8 | 33.60 | 109.2 | 32.07 | 105.3 | 30.57 | 98.70 | 28.74 |
|        | 0                 | -0.7     | 127.2                     | 34.17 | 120.3 | 32.37 | 112.8 | 30.81 | 109.2 | 29.46 | 105.3 | 28.14 | 98.70 | 26.37 |
|        | 3                 | 2.2      | 127.2                     | 31.20 | 120.3 | 29.43 | 112.8 | 28.02 | 109.2 | 26.85 | 105.3 | 25.68 | 98.70 | 24.00 |
|        | 5                 | 4.1      | 127.2                     | 29.22 | 120.3 | 27.48 | 112.8 | 26.19 | 109.2 | 25.11 | 105.3 | 24.06 | 98.70 | 22.41 |
|        | 7                 | 6        | 127.2                     | 27.24 | 120.3 | 25.50 | 112.8 | 24.33 | 109.2 | 23.37 | 105.3 | 22.41 | 98.70 | 20.85 |
|        | 9                 | 7.9      | 127.2                     | 24.30 | 120.3 | 22.77 | 112.8 | 21.69 | 109.2 | 20.88 | 105.3 | 20.01 | 98.70 | 18.60 |
|        | 11                | 9.8      | 127.2                     | 22.68 | 120.3 | 21.24 | 112.8 | 20.25 | 109.2 | 19.50 | 105.3 | 18.69 | 98.70 | 17.37 |
|        | 13                | 11.8     | 127.2                     | 21.24 | 120.3 | 19.89 | 112.8 | 18.99 | 109.2 | 18.27 | 105.3 | 17.49 | 98.70 | 16.26 |
|        | 15                | 13.7     | 127.2                     | 20.07 | 120.3 | 18.81 | 112.8 | 17.94 | 109.2 | 17.22 | 105.3 | 16.56 | 98.70 | 15.39 |
| 50     | -30               | -30.2    | 67.20                     | 48.42 | 63.30 | 54.00 | 59.40 | 51.15 | 57.60 | 48.51 | 55.50 | 45.93 | 51.90 | 43.68 |
|        | -24.8             | -25      | 106.2                     | 46.47 | 100.2 | 46.86 | 94.20 | 44.40 | 91.20 | 42.12 | 87.90 | 39.96 | 81.90 | 37.92 |
|        | -21.8             | -22      | 106.2                     | 46.77 | 100.2 | 44.34 | 94.20 | 42.03 | 91.20 | 39.87 | 87.90 | 37.86 | 81.90 | 35.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 106.2                     | 45.00 | 100.2 | 42.63 | 94.20 | 40.44 | 91.20 | 38.37 | 87.90 | 36.45 | 81.90 | 34.53 |
|        | -18.8             | -19      | 106.2                     | 44.13 | 100.2 | 41.79 | 94.20 | 39.69 | 91.20 | 37.62 | 87.90 | 35.76 | 81.90 | 33.90 |
|        | -16.7             | -17      | 106.2                     | 42.30 | 100.2 | 40.05 | 94.20 | 38.01 | 91.20 | 36.03 | 87.90 | 34.29 | 81.90 | 32.49 |
|        | -15               | -15.9    | 106.2                     | 40.98 | 100.2 | 38.76 | 94.20 | 36.84 | 91.20 | 34.92 | 87.90 | 33.24 | 81.90 | 31.47 |
|        | -13.7             | -15      | 106.2                     | 39.66 | 100.2 | 37.50 | 94.20 | 35.64 | 91.20 | 33.81 | 87.90 | 32.22 | 81.90 | 30.48 |
|        | -11.8             | -13      | 106.2                     | 37.98 | 100.2 | 35.94 | 94.20 | 34.20 | 91.20 | 32.43 | 87.90 | 30.90 | 81.90 | 29.22 |
|        | -9.8              | -11      | 106.2                     | 36.27 | 100.2 | 34.26 | 94.20 | 32.61 | 91.20 | 30.93 | 87.90 | 29.52 | 81.90 | 27.90 |
|        | -9.5              | -10      | 106.2                     | 36.00 | 100.2 | 34.02 | 94.20 | 32.37 | 91.20 | 30.72 | 87.90 | 29.34 | 81.90 | 27.69 |
|        | -8.5              | -9.1     | 106.2                     | 35.16 | 100.2 | 33.18 | 94.20 | 31.62 | 91.20 | 30.00 | 87.90 | 28.65 | 81.90 | 27.03 |
|        | -7                | -7.6     | 106.2                     | 33.81 | 100.2 | 31.95 | 94.20 | 30.45 | 91.20 | 28.89 | 87.90 | 27.60 | 81.90 | 26.04 |
|        | -5                | -5.6     | 106.2                     | 32.13 | 100.2 | 30.33 | 94.20 | 28.95 | 91.20 | 27.48 | 87.90 | 26.28 | 81.90 | 24.75 |
|        | -3                | -3.7     | 106.2                     | 30.48 | 100.2 | 28.71 | 94.20 | 27.42 | 91.20 | 26.01 | 87.90 | 24.93 | 81.90 | 23.46 |
|        | 0                 | -0.7     | 106.2                     | 27.93 | 100.2 | 26.25 | 94.20 | 25.14 | 91.20 | 23.88 | 87.90 | 22.95 | 81.90 | 21.54 |
|        | 3                 | 2.2      | 106.2                     | 25.38 | 100.2 | 23.85 | 94.20 | 22.89 | 91.20 | 21.72 | 87.90 | 20.94 | 81.90 | 19.62 |
|        | 5                 | 4.1      | 106.2                     | 23.70 | 100.2 | 22.23 | 94.20 | 21.39 | 91.20 | 20.28 | 87.90 | 19.62 | 81.90 | 18.33 |
|        | 7                 | 6        | 106.2                     | 22.02 | 100.2 | 20.61 | 94.20 | 19.86 | 91.20 | 18.84 | 87.90 | 18.27 | 81.90 | 17.07 |
|        | 9                 | 7.9      | 106.2                     | 19.89 | 100.2 | 18.60 | 94.20 | 17.94 | 91.20 | 17.04 | 87.90 | 16.50 | 81.90 | 15.42 |
|        | 11                | 9.8      | 106.2                     | 18.60 | 100.2 | 17.40 | 94.20 | 16.77 | 91.20 | 15.93 | 87.90 | 15.45 | 81.90 | 14.40 |
|        | 13                | 11.8     | 106.2                     | 17.46 | 100.2 | 16.35 | 94.20 | 15.75 | 91.20 | 14.97 | 87.90 | 14.49 | 81.90 | 13.53 |
|        | 15                | 13.7     | 106.2                     | 16.53 | 100.2 | 15.48 | 94.20 | 14.91 | 91.20 | 14.13 | 87.90 | 13.74 | 81.90 | 12.78 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM620LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 77.50                     | 67.90 | 77.50 | 68.12 | 76.90 | 68.33 | 76.90 | 68.62 | 76.90 | 68.95 | 75.40 | 69.35 |
|        | -24.8             | -25      | 129.0                     | 68.36 | 129.0 | 68.58 | 128.2 | 68.77 | 128.2 | 69.08 | 128.2 | 69.36 | 125.8 | 69.78 |
|        | -21.8             | -22      | 156.9                     | 68.61 | 156.9 | 68.83 | 156.0 | 69.04 | 156.0 | 69.33 | 156.0 | 69.59 | 152.9 | 70.05 |
|        | -19.8             | -20      | 165.6                     | 68.79 | 165.6 | 69.01 | 164.3 | 69.20 | 164.3 | 69.48 | 164.3 | 69.77 | 161.3 | 70.21 |
|        | -18.8             | -19      | 169.0                     | 68.84 | 169.0 | 69.08 | 168.0 | 69.27 | 168.0 | 69.56 | 168.0 | 69.84 | 164.7 | 70.29 |
|        | -16.7             | -17      | 176.5                     | 69.04 | 176.5 | 69.26 | 175.4 | 69.45 | 175.4 | 69.74 | 175.4 | 70.00 | 172.1 | 70.46 |
|        | -15               | -15.9    | 181.8                     | 69.14 | 181.8 | 69.36 | 180.7 | 69.55 | 180.7 | 69.84 | 180.7 | 70.12 | 177.3 | 69.06 |
|        | -13.7             | -15      | 187.3                     | 69.29 | 187.3 | 69.49 | 186.2 | 69.68 | 186.2 | 69.97 | 186.2 | 70.27 | 182.6 | 67.71 |
|        | -11.8             | -13      | 193.5                     | 69.43 | 193.5 | 69.65 | 192.0 | 69.86 | 192.0 | 70.14 | 192.0 | 68.42 | 189.2 | 65.96 |
|        | -9.8              | -11      | 199.8                     | 69.60 | 199.8 | 69.82 | 198.7 | 70.01 | 198.7 | 68.22 | 198.7 | 66.51 | 196.0 | 64.15 |
|        | -9.5              | -10      | 201.0                     | 69.63 | 201.0 | 69.83 | 199.7 | 69.70 | 199.7 | 67.93 | 199.7 | 66.23 | 197.0 | 63.89 |
|        | -8.5              | -9.1     | 205.0                     | 69.71 | 205.0 | 69.93 | 203.5 | 68.73 | 203.5 | 66.95 | 202.6 | 65.28 | 200.6 | 62.99 |
|        | -7                | -7.6     | 210.8                     | 69.83 | 210.8 | 68.51 | 209.4 | 67.27 | 209.4 | 65.50 | 209.4 | 63.85 | 205.9 | 61.62 |
|        | -5                | -5.6     | 218.3                     | 68.13 | 218.3 | 66.74 | 217.0 | 65.47 | 217.0 | 63.72 | 217.0 | 62.05 | 212.8 | 59.94 |
|        | -3                | -3.7     | 226.1                     | 66.44 | 226.1 | 64.95 | 224.7 | 63.61 | 224.7 | 61.90 | 224.7 | 60.26 | 219.7 | 58.24 |
|        | 0                 | -0.7     | 237.6                     | 63.91 | 237.6 | 62.33 | 236.3 | 60.86 | 236.3 | 59.21 | 236.3 | 57.59 | 220.4 | 53.35 |
|        | 3                 | 2.2      | 249.3                     | 61.38 | 249.3 | 59.66 | 247.8 | 58.14 | 245.5 | 55.99 | 236.8 | 52.50 | 220.4 | 50.45 |
|        | 5                 | 4.1      | 252.4                     | 58.61 | 252.4 | 56.82 | 251.7 | 55.47 | 245.5 | 52.58 | 236.8 | 50.39 | 220.4 | 48.84 |
|        | 7                 | 6        | 252.4                     | 55.29 | 252.4 | 53.52 | 251.7 | 52.15 | 245.5 | 50.19 | 236.8 | 48.70 | 220.4 | 47.25 |
|        | 9                 | 7.9      | 252.4                     | 53.70 | 252.4 | 51.96 | 251.7 | 50.47 | 245.5 | 48.98 | 236.8 | 47.53 | 220.4 | 46.11 |
| 120    | 11                | 9.8      | 252.4                     | 52.86 | 252.4 | 51.16 | 251.7 | 49.69 | 245.5 | 48.21 | 236.8 | 46.79 | 220.4 | 45.39 |
|        | 13                | 11.8     | 252.4                     | 51.94 | 252.4 | 50.28 | 251.7 | 48.81 | 245.5 | 47.40 | 236.8 | 45.98 | 220.4 | 44.61 |
|        | 15                | 13.7     | 252.4                     | 50.97 | 252.4 | 49.33 | 251.7 | 47.88 | 245.5 | 46.51 | 236.8 | 45.11 | 220.4 | 43.75 |
|        | -30               | -30.2    | 76.90                     | 68.12 | 76.90 | 68.33 | 76.40 | 68.62 | 76.40 | 68.95 | 76.40 | 69.35 | 74.80 | 69.70 |
|        | -24.8             | -25      | 128.1                     | 68.58 | 128.1 | 68.77 | 127.3 | 69.08 | 127.3 | 69.36 | 127.3 | 69.78 | 124.7 | 70.11 |
|        | -21.8             | -22      | 155.9                     | 68.83 | 155.9 | 69.04 | 154.8 | 69.33 | 154.8 | 69.59 | 154.8 | 70.05 | 151.9 | 70.34 |
|        | -19.8             | -20      | 164.3                     | 69.01 | 164.3 | 69.20 | 163.3 | 69.48 | 163.3 | 69.77 | 163.3 | 70.21 | 160.1 | 70.50 |
|        | -18.8             | -19      | 168.0                     | 69.08 | 168.0 | 69.27 | 166.8 | 69.56 | 166.8 | 69.84 | 166.8 | 70.29 | 163.7 | 70.60 |
|        | -16.7             | -17      | 175.4                     | 69.26 | 175.4 | 69.45 | 174.2 | 69.74 | 174.2 | 70.00 | 174.2 | 70.46 | 170.9 | 68.80 |
|        | -15               | -15.9    | 180.7                     | 69.36 | 180.7 | 69.55 | 179.5 | 69.84 | 179.5 | 70.12 | 179.5 | 69.12 | 176.1 | 67.52 |
|        | -13.7             | -15      | 185.8                     | 69.49 | 185.8 | 69.68 | 184.8 | 69.97 | 184.8 | 70.27 | 184.8 | 67.81 | 181.3 | 66.28 |
|        | -11.8             | -13      | 191.9                     | 69.65 | 191.9 | 69.86 | 190.7 | 70.14 | 190.7 | 68.42 | 190.7 | 66.17 | 187.9 | 64.66 |
|        | -9.8              | -11      | 198.3                     | 69.82 | 198.3 | 70.01 | 197.0 | 68.13 | 197.0 | 66.48 | 197.0 | 64.43 | 194.8 | 63.00 |
|        | -9.5              | -10      | 199.7                     | 69.83 | 199.7 | 69.70 | 198.3 | 67.84 | 198.3 | 66.20 | 198.3 | 64.15 | 195.7 | 62.75 |
|        | -8.5              | -9.1     | 203.3                     | 69.93 | 203.3 | 68.63 | 202.1 | 66.83 | 202.1 | 65.25 | 202.1 | 63.29 | 199.4 | 61.90 |
|        | -7                | -7.6     | 209.1                     | 68.38 | 209.1 | 67.06 | 207.8 | 65.34 | 207.8 | 63.79 | 207.8 | 61.99 | 204.2 | 60.64 |
|        | -5                | -5.6     | 217.0                     | 66.40 | 217.0 | 65.07 | 215.3 | 63.43 | 215.3 | 61.97 | 215.3 | 60.38 | 207.1 | 57.91 |
|        | -3                | -3.7     | 224.5                     | 64.45 | 224.5 | 63.11 | 223.2 | 61.56 | 223.2 | 60.17 | 222.9 | 58.72 | 207.1 | 54.59 |
|        | 0                 | -0.7     | 236.0                     | 61.53 | 236.0 | 60.13 | 234.4 | 58.74 | 230.0 | 56.38 | 222.9 | 53.53 | 207.1 | 52.39 |
| 110    | 3                 | 2.2      | 247.7                     | 58.59 | 247.7 | 57.16 | 238.1 | 54.11 | 230.0 | 51.96 | 222.9 | 51.15 | 207.1 | 50.16 |
|        | 5                 | 4.1      | 250.4                     | 55.60 | 247.7 | 53.57 | 238.1 | 51.28 | 230.0 | 50.25 | 222.9 | 49.63 | 207.1 | 48.70 |
|        | 7                 | 6        | 250.4                     | 52.07 | 247.7 | 50.48 | 238.1 | 49.48 | 230.0 | 48.55 | 222.9 | 48.09 | 207.1 | 47.22 |
|        | 9                 | 7.9      | 250.4                     | 50.53 | 247.7 | 49.14 | 238.1 | 48.18 | 230.0 | 47.26 | 222.9 | 46.80 | 207.1 | 45.98 |
|        | 11                | 9.8      | 250.4                     | 49.60 | 247.7 | 48.24 | 238.1 | 47.29 | 230.0 | 46.39 | 222.9 | 45.95 | 207.1 | 45.14 |
|        | 13                | 11.8     | 250.4                     | 48.58 | 247.7 | 47.28 | 238.1 | 46.35 | 230.0 | 45.45 | 222.9 | 45.02 | 207.1 | 44.21 |
|        | 15                | 13.7     | 250.4                     | 47.52 | 247.7 | 46.22 | 238.1 | 45.33 | 230.0 | 44.46 | 222.9 | 44.03 | 207.1 | 43.25 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 76.60                     | 68.33 | 76.60 | 68.62 | 76.00 | 68.95 | 76.00 | 69.35 | 76.00 | 69.70 | 74.50 | 69.80 |
|        | -24.8             | -25      | 127.5                     | 68.77 | 127.5 | 69.08 | 126.5 | 69.36 | 126.5 | 69.78 | 126.5 | 70.11 | 124.1 | 70.25 |
|        | -21.8             | -22      | 154.8                     | 69.04 | 154.8 | 69.33 | 153.8 | 69.59 | 153.8 | 70.05 | 153.8 | 70.34 | 151.0 | 70.50 |
|        | -19.8             | -20      | 163.4                     | 69.20 | 163.4 | 69.48 | 162.5 | 69.77 | 162.5 | 70.21 | 162.5 | 70.50 | 159.1 | 70.65 |
|        | -18.8             | -19      | 166.9                     | 69.27 | 166.9 | 69.56 | 165.9 | 69.84 | 165.9 | 70.29 | 165.9 | 70.60 | 162.8 | 69.70 |
|        | -16.7             | -17      | 174.5                     | 69.45 | 174.5 | 69.74 | 173.1 | 70.00 | 173.1 | 70.46 | 173.1 | 68.66 | 169.9 | 67.73 |
|        | -15               | -15.9    | 179.6                     | 69.55 | 179.6 | 69.84 | 178.4 | 70.12 | 178.4 | 69.00 | 178.4 | 67.29 | 176.8 | 66.30 |
|        | -13.7             | -15      | 184.8                     | 69.68 | 184.8 | 69.97 | 183.7 | 70.27 | 183.7 | 67.56 | 183.7 | 65.93 | 183.7 | 64.91 |
|        | -11.8             | -13      | 190.8                     | 69.86 | 190.8 | 70.14 | 189.8 | 68.23 | 189.8 | 65.74 | 189.8 | 64.19 | 186.3 | 61.97 |
|        | -9.8              | -11      | 197.2                     | 70.01 | 197.2 | 67.88 | 196.0 | 66.12 | 196.0 | 63.81 | 196.0 | 62.38 | 186.3 | 58.65 |
|        | -9.5              | -10      | 198.3                     | 69.64 | 198.3 | 67.53 | 197.2 | 65.80 | 197.2 | 63.55 | 197.2 | 62.10 | 186.3 | 57.89 |
|        | -8.5              | -9.1     | 202.2                     | 68.44 | 202.2 | 66.40 | 201.0 | 64.75 | 201.0 | 62.58 | 199.6 | 60.79 | 186.3 | 57.01 |
|        | -7                | -7.6     | 208.0                     | 66.62 | 208.0 | 64.70 | 206.8 | 63.15 | 206.5 | 61.06 | 199.6 | 57.78 | 186.3 | 55.71 |
|        | -5                | -5.6     | 215.6                     | 64.32 | 215.6 | 62.58 | 213.6 | 61.00 | 206.5 | 57.22 | 199.6 | 55.18 | 186.3 | 54.04 |
|        | -3                | -3.7     | 223.3                     | 62.02 | 223.3 | 60.45 | 213.6 | 56.98 | 206.5 | 54.62 | 199.6 | 53.57 | 186.3 | 52.39 |
|        | 0                 | -0.7     | 234.5                     | 58.58 | 227.5 | 55.51 | 213.6 | 53.32 | 206.5 | 52.06 | 199.6 | 51.16 | 186.3 | 49.89 |
|        | 3                 | 2.2      | 240.8                     | 53.94 | 227.5 | 51.28 | 213.6 | 50.48 | 206.5 | 49.54 | 199.6 | 48.76 | 186.3 | 47.43 |
|        | 5                 | 4.1      | 240.8                     | 50.14 | 227.5 | 49.26 | 213.6 | 48.60 | 206.5 | 47.81 | 199.6 | 47.15 | 186.3 | 45.77 |
|        | 7                 | 6        | 240.8                     | 47.94 | 227.5 | 47.23 | 213.6 | 46.72 | 206.5 | 46.14 | 199.6 | 45.55 | 186.3 | 44.12 |
|        | 9                 | 7.9      | 240.8                     | 46.48 | 227.5 | 45.76 | 213.6 | 45.27 | 206.5 | 44.71 | 199.6 | 44.12 | 186.3 | 42.77 |
|        | 11                | 9.8      | 240.8                     | 45.39 | 227.5 | 44.71 | 213.6 | 44.21 | 206.5 | 43.67 | 199.6 | 43.10 | 186.3 | 41.77 |
|        | 13                | 11.8     | 240.8                     | 44.24 | 227.5 | 43.59 | 213.6 | 43.09 | 206.5 | 42.56 | 199.6 | 42.02 | 186.3 | 40.72 |
|        | 15                | 13.7     | 240.8                     | 43.00 | 227.5 | 42.36 | 213.6 | 41.89 | 206.5 | 41.38 | 199.6 | 40.84 | 186.3 | 39.57 |
| 100    | -30               | -30.2    | 76.00                     | 77.04 | 76.00 | 76.52 | 75.60 | 65.36 | 75.60 | 75.11 | 75.60 | 72.99 | 74.10 | 74.23 |
|        | -24.8             | -25      | 126.8                     | 75.22 | 126.8 | 74.68 | 126.1 | 68.79 | 126.1 | 73.28 | 126.1 | 72.70 | 123.5 | 72.40 |
|        | -21.8             | -22      | 154.1                     | 74.19 | 154.1 | 73.61 | 153.2 | 70.76 | 153.2 | 72.24 | 153.2 | 72.53 | 150.4 | 71.37 |
|        | -19.8             | -20      | 162.8                     | 73.48 | 162.8 | 72.92 | 161.6 | 71.95 | 161.6 | 71.52 | 161.6 | 71.24 | 158.5 | 70.65 |
|        | -18.8             | -19      | 166.2                     | 73.12 | 165.2 | 72.58 | 165.2 | 72.03 | 165.2 | 71.17 | 165.2 | 70.60 | 162.1 | 69.51 |
|        | -16.7             | -17      | 172.5                     | 72.41 | 172.5 | 71.83 | 172.5 | 72.18 | 171.5 | 70.46 | 171.5 | 68.23 | 168.3 | 67.10 |
|        | -15               | -15.9    | 178.3                     | 71.86 | 178.3 | 71.30 | 177.7 | 71.21 | 177.3 | 68.74 | 177.3 | 66.52 | 170.2 | 64.01 |
|        | -13.7             | -15      | 183.9                     | 71.34 | 183.9 | 70.80 | 183.0 | 70.27 | 183.0 | 67.05 | 182.9 | 64.82 | 170.2 | 60.40 |
|        | -11.8             | -13      | 189.8                     | 70.70 | 188.9 | 70.14 | 188.9 | 68.01 | 188.9 | 64.90 | 182.9 | 60.75 | 170.2 | 58.34 |
|        | -9.8              | -11      | 196.3                     | 70.01 | 196.3 | 67.62 | 195.3 | 65.64 | 189.1 | 60.64 | 182.9 | 57.40 | 170.2 | 56.19 |
|        | -9.5              | -10      | 197.2                     | 69.61 | 197.2 | 67.23 | 195.3 | 64.90 | 189.1 | 60.00 | 182.9 | 57.08 | 170.2 | 55.87 |
|        | -8.5              | -9.1     | 201.2                     | 68.31 | 201.2 | 65.99 | 195.3 | 62.50 | 189.1 | 58.04 | 182.9 | 56.01 | 170.2 | 54.78 |
|        | -7                | -7.6     | 210.3                     | 66.34 | 207.7 | 63.58 | 195.3 | 59.09 | 189.1 | 56.43 | 182.9 | 54.44 | 170.2 | 53.18 |
|        | -5                | -5.6     | 219.5                     | 63.85 | 207.7 | 58.98 | 195.3 | 56.98 | 189.1 | 54.41 | 182.9 | 52.46 | 170.2 | 51.15 |
|        | -3                | -3.7     | 220.4                     | 59.92 | 207.7 | 56.29 | 195.3 | 54.87 | 189.1 | 52.39 | 182.9 | 50.45 | 170.2 | 49.11 |
|        | 0                 | -0.7     | 220.4                     | 54.68 | 207.7 | 52.89 | 195.3 | 51.65 | 189.1 | 49.36 | 182.9 | 47.44 | 170.2 | 46.05 |
|        | 3                 | 2.2      | 220.4                     | 51.13 | 207.7 | 49.51 | 195.3 | 48.46 | 189.1 | 46.32 | 182.9 | 44.46 | 170.2 | 42.97 |
|        | 5                 | 4.1      | 220.4                     | 48.78 | 207.7 | 47.23 | 195.3 | 46.32 | 189.1 | 44.30 | 182.9 | 42.45 | 170.2 | 40.93 |
|        | 7                 | 6        | 220.4                     | 46.42 | 207.7 | 44.96 | 195.3 | 44.17 | 189.1 | 42.26 | 182.9 | 40.46 | 170.2 | 38.88 |
|        | 9                 | 7.9      | 220.4                     | 44.78 | 207.7 | 43.40 | 195.3 | 42.63 | 189.1 | 40.78 | 182.9 | 39.03 | 170.2 | 37.53 |
|        | 11                | 9.8      | 220.4                     | 43.56 | 207.7 | 42.17 | 195.3 | 41.45 | 189.1 | 39.64 | 182.9 | 37.93 | 170.2 | 36.47 |
|        | 13                | 11.8     | 220.4                     | 42.23 | 207.7 | 40.90 | 195.3 | 40.18 | 189.1 | 38.45 | 182.9 | 36.78 | 170.2 | 35.38 |
|        | 15                | 13.7     | 220.4                     | 40.81 | 207.7 | 39.54 | 195.3 | 38.83 | 189.1 | 37.18 | 182.9 | 35.55 | 170.2 | 34.20 |
| 90     | -30               | -30.2    | 75.90                     | 67.02 | 75.90 | 67.42 | 75.40 | 67.73 | 75.40 | 67.87 | 75.40 | 68.20 | 73.90 | 74.53 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 126.4                     | 67.43 | 126.4 | 67.88 | 125.6 | 68.19 | 125.6 | 68.33 | 125.6 | 68.63 | 123.2 | 69.08 |
|        | -21.8             | -22      | 153.5                     | 67.67 | 153.5 | 68.13 | 152.6 | 68.44 | 152.6 | 68.58 | 152.6 | 68.89 | 149.8 | 65.95 |
|        | -19.8             | -20      | 162.1                     | 67.87 | 162.1 | 68.29 | 161.0 | 68.62 | 161.0 | 68.76 | 161.0 | 66.77 | 155.6 | 62.89 |
|        | -18.8             | -19      | 166.2                     | 67.95 | 165.2 | 68.39 | 164.6 | 68.69 | 164.6 | 67.66 | 164.6 | 65.69 | 155.6 | 60.61 |
|        | -16.7             | -17      | 172.5                     | 68.12 | 172.5 | 68.55 | 171.8 | 66.43 | 171.8 | 65.38 | 167.7 | 61.98 | 155.6 | 57.58 |
|        | -15               | -15.9    | 178.3                     | 68.23 | 178.3 | 66.89 | 177.0 | 64.84 | 173.2 | 62.39 | 167.7 | 59.58 | 155.6 | 56.12 |
|        | -13.7             | -15      | 183.9                     | 68.37 | 183.9 | 65.23 | 178.6 | 61.99 | 173.2 | 59.08 | 167.7 | 57.25 | 155.6 | 54.68 |
|        | -11.8             | -13      | 189.8                     | 66.12 | 188.9 | 63.14 | 178.6 | 58.10 | 173.2 | 57.03 | 167.7 | 55.37 | 155.6 | 52.82 |
|        | -9.8              | -11      | 196.3                     | 63.76 | 189.8 | 58.92 | 178.6 | 56.10 | 173.2 | 55.00 | 167.7 | 53.40 | 155.6 | 50.90 |
|        | -9.5              | -10      | 197.2                     | 63.39 | 189.8 | 58.32 | 178.6 | 55.80 | 173.2 | 54.68 | 167.7 | 53.11 | 155.6 | 50.61 |
|        | -8.5              | -9.1     | 201.2                     | 62.21 | 189.8 | 56.57 | 178.6 | 54.81 | 173.2 | 53.69 | 167.7 | 52.12 | 155.6 | 49.65 |
|        | -7                | -7.6     | 201.8                     | 57.99 | 189.8 | 54.95 | 178.6 | 53.31 | 173.2 | 52.18 | 167.7 | 50.64 | 155.6 | 48.20 |
|        | -5                | -5.6     | 201.8                     | 55.23 | 189.8 | 52.99 | 178.6 | 51.41 | 173.2 | 50.24 | 167.7 | 48.78 | 155.6 | 46.40 |
|        | -3                | -3.7     | 201.8                     | 53.11 | 189.8 | 51.01 | 178.6 | 49.53 | 173.2 | 48.32 | 167.7 | 46.89 | 155.6 | 44.54 |
|        | 0                 | -0.7     | 201.8                     | 49.93 | 189.8 | 48.05 | 178.6 | 46.70 | 173.2 | 45.44 | 167.7 | 44.10 | 155.6 | 41.82 |
|        | 3                 | 2.2      | 201.8                     | 46.74 | 189.8 | 45.13 | 178.6 | 43.86 | 173.2 | 42.56 | 167.7 | 41.29 | 155.6 | 39.06 |
|        | 5                 | 4.1      | 201.8                     | 44.61 | 189.8 | 43.15 | 178.6 | 41.96 | 173.2 | 40.64 | 167.7 | 39.43 | 155.6 | 37.24 |
|        | 7                 | 6        | 201.8                     | 42.49 | 189.8 | 41.19 | 178.6 | 40.08 | 173.2 | 38.71 | 167.7 | 37.57 | 155.6 | 35.42 |
|        | 9                 | 7.9      | 201.8                     | 40.48 | 189.8 | 39.24 | 178.6 | 38.19 | 173.2 | 36.87 | 167.7 | 35.78 | 155.6 | 33.74 |
|        | 11                | 9.8      | 201.8                     | 38.47 | 189.8 | 37.30 | 178.6 | 36.30 | 173.2 | 35.06 | 167.7 | 34.01 | 155.6 | 32.09 |
|        | 13                | 11.8     | 201.8                     | 36.49 | 189.8 | 35.37 | 178.6 | 34.41 | 173.2 | 33.24 | 167.7 | 32.24 | 155.6 | 30.40 |
|        | 15                | 13.7     | 201.8                     | 34.48 | 189.8 | 33.41 | 178.6 | 32.50 | 173.2 | 31.38 | 167.7 | 30.46 | 155.6 | 28.74 |
| 80     | -30               | -30.2    | 75.40                     | 59.17 | 75.40 | 59.66 | 75.00 | 60.02 | 75.00 | 59.59 | 75.00 | 66.16 | 73.50 | 63.40 |
|        | -24.8             | -25      | 125.9                     | 59.69 | 125.9 | 60.16 | 125.0 | 60.47 | 125.0 | 60.61 | 125.0 | 61.36 | 122.6 | 58.78 |
|        | -21.8             | -22      | 152.0                     | 59.99 | 152.0 | 60.43 | 152.0 | 60.74 | 152.0 | 61.18 | 149.4 | 57.62 | 139.1 | 53.26 |
|        | -19.8             | -20      | 160.4                     | 60.17 | 160.4 | 60.61 | 159.9 | 60.88 | 155.0 | 57.25 | 149.4 | 53.86 | 139.1 | 51.56 |
|        | -18.8             | -19      | 163.9                     | 60.28 | 163.9 | 61.01 | 159.9 | 58.61 | 155.0 | 55.29 | 149.4 | 53.02 | 139.1 | 50.76 |
|        | -16.7             | -17      | 168.6                     | 60.90 | 168.6 | 58.98 | 159.9 | 55.08 | 155.0 | 53.40 | 149.4 | 51.19 | 139.1 | 49.02 |
|        | -15               | -15.9    | 172.4                     | 59.38 | 170.2 | 57.38 | 159.9 | 53.68 | 155.0 | 52.01 | 149.4 | 49.89 | 139.1 | 47.76 |
|        | -13.7             | -15      | 176.1                     | 57.90 | 170.2 | 55.26 | 159.9 | 52.31 | 155.0 | 50.66 | 149.4 | 48.63 | 139.1 | 46.53 |
|        | -11.8             | -13      | 180.7                     | 56.01 | 170.2 | 52.67 | 159.9 | 50.57 | 155.0 | 48.98 | 149.4 | 47.00 | 139.1 | 44.98 |
|        | -9.8              | -11      | 180.7                     | 52.61 | 170.2 | 50.14 | 159.9 | 48.77 | 155.0 | 47.16 | 149.4 | 45.30 | 139.1 | 43.35 |
|        | -9.5              | -10      | 180.7                     | 51.96 | 170.2 | 49.59 | 159.9 | 48.49 | 155.0 | 46.90 | 149.4 | 45.04 | 139.1 | 43.10 |
|        | -8.5              | -9.1     | 180.7                     | 50.56 | 170.2 | 48.53 | 159.9 | 47.58 | 155.0 | 46.00 | 149.4 | 44.20 | 139.1 | 42.31 |
|        | -7                | -7.6     | 180.7                     | 48.67 | 170.2 | 47.15 | 159.9 | 46.23 | 155.0 | 44.65 | 149.4 | 42.94 | 139.1 | 41.06 |
|        | -5                | -5.6     | 180.7                     | 46.88 | 170.2 | 45.48 | 159.9 | 44.50 | 155.0 | 42.97 | 149.4 | 41.31 | 139.1 | 39.53 |
|        | -3                | -3.7     | 180.7                     | 45.11 | 170.2 | 43.75 | 159.9 | 42.78 | 155.0 | 41.25 | 149.4 | 39.70 | 139.1 | 37.97 |
|        | 0                 | -0.7     | 180.7                     | 42.45 | 170.2 | 41.18 | 159.9 | 40.19 | 155.0 | 38.70 | 149.4 | 37.28 | 139.1 | 35.64 |
|        | 3                 | 2.2      | 180.7                     | 39.79 | 170.2 | 38.61 | 159.9 | 37.59 | 155.0 | 36.14 | 149.4 | 34.89 | 139.1 | 33.34 |
|        | 5                 | 4.1      | 180.7                     | 38.02 | 170.2 | 36.91 | 159.9 | 35.89 | 155.0 | 34.43 | 149.4 | 33.28 | 139.1 | 31.77 |
|        | 7                 | 6        | 180.7                     | 36.24 | 170.2 | 35.18 | 159.9 | 34.16 | 155.0 | 32.73 | 149.4 | 31.65 | 139.1 | 30.22 |
|        | 9                 | 7.9      | 180.7                     | 34.03 | 170.2 | 33.04 | 159.9 | 32.08 | 155.0 | 30.74 | 149.4 | 29.72 | 139.1 | 28.39 |
|        | 11                | 9.8      | 180.7                     | 31.58 | 170.2 | 30.68 | 159.9 | 29.78 | 155.0 | 28.52 | 149.4 | 27.59 | 139.1 | 26.35 |
|        | 13                | 11.8     | 180.7                     | 29.48 | 170.2 | 28.64 | 159.9 | 27.80 | 155.0 | 26.63 | 149.4 | 25.76 | 139.1 | 24.59 |
|        | 15                | 13.7     | 180.7                     | 27.77 | 170.2 | 26.94 | 159.9 | 26.16 | 155.0 | 25.08 | 149.4 | 24.25 | 139.1 | 23.13 |
| 70     | -30               | -30.2    | 75.40                     | 58.62 | 75.40 | 58.79 | 75.00 | 59.10 | 75.00 | 65.20 | 75.00 | 62.10 | 73.50 | 59.25 |
|        | -24.8             | -25      | 125.9                     | 59.12 | 125.9 | 59.27 | 125.0 | 59.58 | 125.0 | 60.00 | 125.0 | 57.20 | 119.0 | 52.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 144.5                     | 59.41 | 144.5 | 59.55 | 136.1 | 56.78 | 131.4 | 54.11 | 127.5 | 51.59 | 119.0 | 49.17 |
|        | -19.8             | -20      | 153.2                     | 58.24 | 144.7 | 56.66 | 136.1 | 54.79 | 131.4 | 52.22 | 127.5 | 49.85 | 119.0 | 47.47 |
|        | -18.8             | -19      | 153.2                     | 56.61 | 144.7 | 55.67 | 136.1 | 53.81 | 131.4 | 51.27 | 127.5 | 48.95 | 119.0 | 46.62 |
|        | -16.7             | -17      | 153.2                     | 54.52 | 144.7 | 53.51 | 136.1 | 51.74 | 131.4 | 49.31 | 127.5 | 47.11 | 119.0 | 44.82 |
|        | -15               | -15.9    | 153.2                     | 53.00 | 144.7 | 51.99 | 136.1 | 50.26 | 131.4 | 47.90 | 127.5 | 45.79 | 119.0 | 43.55 |
|        | -13.7             | -15      | 153.2                     | 51.50 | 144.7 | 50.48 | 136.1 | 48.81 | 131.4 | 46.51 | 127.5 | 44.49 | 119.0 | 42.30 |
|        | -11.8             | -13      | 153.2                     | 49.59 | 144.7 | 48.56 | 136.1 | 46.96 | 131.4 | 44.75 | 127.5 | 42.83 | 119.0 | 40.70 |
|        | -9.8              | -11      | 153.2                     | 47.63 | 144.7 | 46.53 | 136.1 | 45.01 | 131.4 | 42.91 | 127.5 | 41.11 | 119.0 | 39.03 |
|        | -9.5              | -10      | 153.2                     | 47.32 | 144.7 | 46.24 | 136.1 | 44.70 | 131.4 | 42.63 | 127.5 | 40.86 | 119.0 | 38.78 |
|        | -8.5              | -9.1     | 153.2                     | 46.33 | 144.7 | 45.24 | 136.1 | 43.75 | 131.4 | 41.70 | 127.5 | 39.97 | 119.0 | 37.96 |
|        | -7                | -7.6     | 153.2                     | 44.85 | 144.7 | 43.76 | 136.1 | 42.31 | 131.4 | 40.33 | 127.5 | 38.69 | 119.0 | 36.68 |
|        | -5                | -5.6     | 153.2                     | 42.96 | 144.7 | 41.82 | 136.1 | 40.43 | 131.4 | 38.57 | 127.5 | 37.05 | 119.0 | 35.12 |
|        | -3                | -3.7     | 153.2                     | 41.07 | 144.7 | 39.92 | 136.1 | 38.60 | 131.4 | 36.81 | 127.5 | 35.38 | 119.0 | 33.52 |
|        | 0                 | -0.7     | 153.2                     | 38.22 | 144.7 | 37.05 | 136.1 | 35.81 | 131.4 | 34.17 | 127.5 | 32.91 | 119.0 | 31.13 |
|        | 3                 | 2.2      | 153.2                     | 35.38 | 144.7 | 34.17 | 136.1 | 33.03 | 131.4 | 31.51 | 127.5 | 30.46 | 119.0 | 28.72 |
|        | 5                 | 4.1      | 153.2                     | 33.52 | 144.7 | 32.26 | 136.1 | 31.19 | 131.4 | 29.77 | 127.5 | 28.79 | 119.0 | 27.14 |
|        | 7                 | 6        | 153.2                     | 31.61 | 144.7 | 30.34 | 136.1 | 29.31 | 131.4 | 28.01 | 127.5 | 27.17 | 119.0 | 25.53 |
|        | 9                 | 7.9      | 153.2                     | 28.56 | 144.7 | 27.42 | 136.1 | 26.47 | 131.4 | 25.29 | 127.5 | 24.52 | 119.0 | 23.05 |
|        | 11                | 9.8      | 153.2                     | 26.59 | 144.7 | 25.51 | 136.1 | 24.67 | 131.4 | 23.55 | 127.5 | 22.84 | 119.0 | 21.45 |
|        | 13                | 11.8     | 153.2                     | 24.88 | 144.7 | 23.86 | 136.1 | 23.06 | 131.4 | 22.04 | 127.5 | 21.35 | 119.0 | 20.08 |
|        | 15                | 13.7     | 153.2                     | 23.45 | 144.7 | 22.51 | 136.1 | 21.75 | 131.4 | 20.77 | 127.5 | 20.12 | 119.0 | 18.94 |
| 60     | -30               | -30.2    | 74.30                     | 58.19 | 74.30 | 58.49 | 73.80 | 65.11 | 71.30 | 61.66 | 68.80 | 58.48 | 64.40 | 55.60 |
|        | -24.8             | -25      | 123.7                     | 58.70 | 123.7 | 58.99 | 116.6 | 56.41 | 112.8 | 53.49 | 108.8 | 50.75 | 101.9 | 48.19 |
|        | -21.8             | -22      | 131.4                     | 58.45 | 124.3 | 56.24 | 116.6 | 53.34 | 112.8 | 50.62 | 108.8 | 48.06 | 101.9 | 45.57 |
|        | -19.8             | -20      | 131.4                     | 56.14 | 124.3 | 54.09 | 116.6 | 51.30 | 112.8 | 48.69 | 108.8 | 46.24 | 101.9 | 43.84 |
|        | -18.8             | -19      | 131.4                     | 55.05 | 124.3 | 53.02 | 116.6 | 50.31 | 112.8 | 47.76 | 108.8 | 45.35 | 101.9 | 42.97 |
|        | -16.7             | -17      | 131.4                     | 52.78 | 124.3 | 50.76 | 116.6 | 48.15 | 112.8 | 45.76 | 108.8 | 43.49 | 101.9 | 41.17 |
|        | -15               | -15.9    | 131.4                     | 51.16 | 124.3 | 49.15 | 116.6 | 46.64 | 112.8 | 44.34 | 108.8 | 42.14 | 101.9 | 39.88 |
|        | -13.7             | -15      | 131.4                     | 49.56 | 124.3 | 47.58 | 116.6 | 45.14 | 112.8 | 42.93 | 108.8 | 40.82 | 101.9 | 38.60 |
|        | -11.8             | -13      | 131.4                     | 47.52 | 124.3 | 45.54 | 116.6 | 43.23 | 112.8 | 41.14 | 108.8 | 39.14 | 101.9 | 36.96 |
|        | -9.8              | -11      | 131.4                     | 45.37 | 124.3 | 43.42 | 116.6 | 41.25 | 112.8 | 39.26 | 108.8 | 37.37 | 101.9 | 35.27 |
|        | -9.5              | -10      | 131.4                     | 45.05 | 124.3 | 43.11 | 116.6 | 40.96 | 112.8 | 38.98 | 108.8 | 37.10 | 101.9 | 35.02 |
|        | -8.5              | -9.1     | 131.4                     | 43.99 | 124.3 | 42.06 | 116.6 | 39.96 | 112.8 | 38.06 | 108.8 | 36.24 | 101.9 | 34.17 |
|        | -7                | -7.6     | 131.4                     | 42.41 | 124.3 | 40.50 | 116.6 | 38.46 | 112.8 | 36.66 | 108.8 | 34.93 | 101.9 | 32.89 |
|        | -5                | -5.6     | 131.4                     | 40.35 | 124.3 | 38.46 | 116.6 | 36.57 | 112.8 | 34.87 | 108.8 | 33.23 | 101.9 | 31.28 |
|        | -3                | -3.7     | 131.4                     | 38.33 | 124.3 | 36.44 | 116.6 | 34.65 | 112.8 | 33.08 | 108.8 | 31.53 | 101.9 | 29.64 |
|        | 0                 | -0.7     | 131.4                     | 35.24 | 124.3 | 33.39 | 116.6 | 31.78 | 112.8 | 30.38 | 108.8 | 29.02 | 101.9 | 27.20 |
|        | 3                 | 2.2      | 131.4                     | 32.18 | 124.3 | 30.35 | 116.6 | 28.91 | 112.8 | 27.69 | 108.8 | 26.49 | 101.9 | 24.75 |
|        | 5                 | 4.1      | 131.4                     | 30.14 | 124.3 | 28.34 | 116.6 | 27.01 | 112.8 | 25.90 | 108.8 | 24.81 | 101.9 | 23.12 |
|        | 7                 | 6        | 131.4                     | 28.09 | 124.3 | 26.31 | 116.6 | 25.08 | 112.8 | 24.11 | 108.8 | 23.12 | 101.9 | 21.51 |
|        | 9                 | 7.9      | 131.4                     | 25.06 | 124.3 | 23.48 | 116.6 | 22.38 | 112.8 | 21.53 | 108.8 | 20.64 | 101.9 | 19.18 |
|        | 11                | 9.8      | 131.4                     | 23.39 | 124.3 | 21.91 | 116.6 | 20.89 | 112.8 | 20.10 | 108.8 | 19.27 | 101.9 | 17.91 |
|        | 13                | 11.8     | 131.4                     | 21.91 | 124.3 | 20.52 | 116.6 | 19.58 | 112.8 | 18.83 | 108.8 | 18.04 | 101.9 | 16.78 |
|        | 15                | 13.7     | 131.4                     | 20.71 | 124.3 | 19.40 | 116.6 | 18.50 | 112.8 | 17.77 | 108.8 | 17.07 | 101.9 | 15.87 |
| 50     | -30               | -30.2    | 69.40                     | 50.23 | 65.40 | 56.07 | 61.40 | 53.10 | 59.50 | 50.35 | 57.40 | 47.69 | 53.60 | 45.34 |
|        | -24.8             | -25      | 109.7                     | 48.14 | 103.5 | 48.55 | 97.30 | 46.01 | 94.20 | 43.64 | 90.90 | 41.40 | 84.70 | 39.29 |
|        | -21.8             | -22      | 109.7                     | 48.42 | 103.5 | 45.90 | 97.30 | 43.51 | 94.20 | 41.28 | 90.90 | 39.19 | 84.70 | 37.15 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 109.7                     | 46.57 | 103.5 | 44.11 | 97.30 | 41.84 | 94.20 | 39.70 | 90.90 | 37.71 | 84.70 | 35.74 |
|        | -18.8             | -19      | 109.7                     | 45.65 | 103.5 | 43.23 | 97.30 | 41.04 | 94.20 | 38.91 | 90.90 | 36.99 | 84.70 | 35.06 |
|        | -16.7             | -17      | 109.7                     | 43.72 | 103.5 | 41.39 | 97.30 | 39.30 | 94.20 | 37.25 | 90.90 | 35.45 | 84.70 | 33.58 |
|        | -15               | -15.9    | 109.7                     | 42.34 | 103.5 | 40.05 | 97.30 | 38.06 | 94.20 | 36.09 | 90.90 | 34.35 | 84.70 | 32.52 |
|        | -13.7             | -15      | 109.7                     | 40.96 | 103.5 | 38.74 | 97.30 | 36.81 | 94.20 | 34.93 | 90.90 | 33.28 | 84.70 | 31.48 |
|        | -11.8             | -13      | 109.7                     | 39.22 | 103.5 | 37.09 | 97.30 | 35.30 | 94.20 | 33.48 | 90.90 | 31.90 | 84.70 | 30.16 |
|        | -9.8              | -11      | 109.7                     | 37.42 | 103.5 | 35.35 | 97.30 | 33.65 | 94.20 | 31.91 | 90.90 | 30.46 | 84.70 | 28.78 |
|        | -9.5              | -10      | 109.7                     | 37.14 | 103.5 | 35.09 | 97.30 | 33.40 | 94.20 | 31.69 | 90.90 | 30.26 | 84.70 | 28.57 |
|        | -8.5              | -9.1     | 109.7                     | 36.26 | 103.5 | 34.22 | 97.30 | 32.61 | 94.20 | 30.93 | 90.90 | 29.54 | 84.70 | 27.88 |
|        | -7                | -7.6     | 109.7                     | 34.87 | 103.5 | 32.93 | 97.30 | 31.39 | 94.20 | 29.79 | 90.90 | 28.46 | 84.70 | 26.84 |
|        | -5                | -5.6     | 109.7                     | 33.13 | 103.5 | 31.26 | 97.30 | 29.84 | 94.20 | 28.32 | 90.90 | 27.10 | 84.70 | 25.52 |
|        | -3                | -3.7     | 109.7                     | 31.42 | 103.5 | 29.59 | 97.30 | 28.27 | 94.20 | 26.82 | 90.90 | 25.71 | 84.70 | 24.19 |
|        | 0                 | -0.7     | 109.7                     | 28.79 | 103.5 | 27.07 | 97.30 | 25.92 | 94.20 | 24.61 | 90.90 | 23.66 | 84.70 | 22.21 |
|        | 3                 | 2.2      | 109.7                     | 26.17 | 103.5 | 24.59 | 97.30 | 23.60 | 94.20 | 22.40 | 90.90 | 21.59 | 84.70 | 20.23 |
|        | 5                 | 4.1      | 109.7                     | 24.44 | 103.5 | 22.91 | 97.30 | 22.04 | 94.20 | 20.91 | 90.90 | 20.23 | 84.70 | 18.90 |
|        | 7                 | 6        | 109.7                     | 22.70 | 103.5 | 21.25 | 97.30 | 20.47 | 94.20 | 19.43 | 90.90 | 18.84 | 84.70 | 17.59 |
|        | 9                 | 7.9      | 109.7                     | 20.50 | 103.5 | 19.18 | 97.30 | 18.50 | 94.20 | 17.57 | 90.90 | 17.01 | 84.70 | 15.89 |
|        | 11                | 9.8      | 109.7                     | 19.18 | 103.5 | 17.95 | 97.30 | 17.29 | 94.20 | 16.42 | 90.90 | 15.92 | 84.70 | 14.85 |
|        | 13                | 11.8     | 109.7                     | 18.01 | 103.5 | 16.85 | 97.30 | 16.24 | 94.20 | 15.44 | 90.90 | 14.95 | 84.70 | 13.95 |
|        | 15                | 13.7     | 109.7                     | 17.04 | 103.5 | 15.95 | 97.30 | 15.37 | 94.20 | 14.57 | 90.90 | 14.16 | 84.70 | 13.19 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM640LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 79.20                     | 70.41 | 79.20 | 70.77 | 78.60 | 71.10 | 78.60 | 71.56 | 78.60 | 72.07 | 77.10 | 72.78 |
|        | -24.8             | -25      | 131.9                     | 71.54 | 131.9 | 71.91 | 130.9 | 72.22 | 130.9 | 72.71 | 130.9 | 73.18 | 128.7 | 73.89 |
|        | -21.8             | -22      | 161.2                     | 72.19 | 161.2 | 72.56 | 160.2 | 72.89 | 160.2 | 73.37 | 160.2 | 73.82 | 157.0 | 74.56 |
|        | -19.8             | -20      | 170.5                     | 72.64 | 170.5 | 73.00 | 169.2 | 73.32 | 169.2 | 73.80 | 169.2 | 74.26 | 166.1 | 74.99 |
|        | -18.8             | -19      | 174.2                     | 72.83 | 174.2 | 73.22 | 173.1 | 73.53 | 173.1 | 74.01 | 173.1 | 74.47 | 169.7 | 75.20 |
|        | -16.7             | -17      | 182.0                     | 73.31 | 182.0 | 73.67 | 180.9 | 73.99 | 180.9 | 74.47 | 180.9 | 74.92 | 177.5 | 75.66 |
|        | -15               | -15.9    | 187.5                     | 73.62 | 187.5 | 73.99 | 186.5 | 74.30 | 186.5 | 74.78 | 186.5 | 75.25 | 182.9 | 74.24 |
|        | -13.7             | -15      | 193.3                     | 73.97 | 193.3 | 74.31 | 192.2 | 74.63 | 192.2 | 75.11 | 192.2 | 75.59 | 188.4 | 72.83 |
|        | -11.8             | -13      | 199.6                     | 74.36 | 199.6 | 74.72 | 198.2 | 75.05 | 198.2 | 75.54 | 198.2 | 73.68 | 195.3 | 71.04 |
|        | -9.8              | -11      | 206.1                     | 74.80 | 206.1 | 75.17 | 205.0 | 75.48 | 205.0 | 73.55 | 205.0 | 71.71 | 202.5 | 69.17 |
|        | -9.5              | -10      | 207.3                     | 74.88 | 207.3 | 75.21 | 206.1 | 75.16 | 206.1 | 73.25 | 206.0 | 71.42 | 203.5 | 68.89 |
|        | -8.5              | -9.1     | 211.4                     | 75.08 | 211.4 | 75.44 | 210.0 | 74.15 | 210.0 | 72.23 | 209.1 | 70.43 | 207.3 | 67.95 |
|        | -7                | -7.6     | 217.5                     | 75.41 | 217.5 | 73.98 | 215.9 | 72.64 | 215.9 | 70.74 | 215.9 | 68.94 | 212.8 | 66.55 |
|        | -5                | -5.6     | 225.3                     | 73.58 | 225.3 | 72.06 | 223.9 | 70.68 | 223.9 | 68.81 | 223.9 | 67.01 | 219.9 | 64.73 |
|        | -3                | -3.7     | 233.3                     | 71.74 | 233.3 | 70.14 | 231.9 | 68.69 | 231.9 | 66.84 | 231.9 | 65.07 | 226.9 | 62.83 |
|        | 0                 | -0.7     | 245.2                     | 69.02 | 245.2 | 67.31 | 243.7 | 65.72 | 243.7 | 63.93 | 243.7 | 62.19 | 227.5 | 57.44 |
|        | 3                 | 2.2      | 257.3                     | 66.28 | 257.3 | 64.42 | 255.6 | 62.79 | 253.4 | 60.48 | 244.4 | 56.71 | 227.5 | 54.49 |
|        | 5                 | 4.1      | 260.4                     | 63.30 | 260.4 | 61.38 | 259.7 | 59.90 | 253.4 | 56.79 | 244.4 | 54.42 | 227.5 | 52.75 |
|        | 7                 | 6        | 260.4                     | 59.72 | 260.4 | 57.80 | 259.7 | 56.32 | 253.4 | 54.22 | 244.4 | 52.61 | 227.5 | 51.03 |
|        | 9                 | 7.9      | 260.4                     | 58.00 | 260.4 | 56.13 | 259.7 | 54.51 | 253.4 | 52.92 | 244.4 | 51.35 | 227.5 | 49.80 |
|        | 11                | 9.8      | 260.4                     | 57.09 | 260.4 | 55.26 | 259.7 | 53.68 | 253.4 | 52.08 | 244.4 | 50.54 | 227.5 | 49.03 |
|        | 13                | 11.8     | 260.4                     | 56.11 | 260.4 | 54.31 | 259.7 | 52.72 | 253.4 | 51.20 | 244.4 | 49.67 | 227.5 | 48.19 |
|        | 15                | 13.7     | 260.4                     | 55.06 | 260.4 | 53.28 | 259.7 | 51.72 | 253.4 | 50.23 | 244.4 | 48.73 | 227.5 | 47.26 |
| 120    | -30               | -30.2    | 78.60                     | 70.77 | 78.60 | 71.10 | 78.00 | 71.56 | 78.00 | 72.07 | 78.00 | 72.78 | 76.50 | 73.31 |
|        | -24.8             | -25      | 130.9                     | 71.91 | 130.9 | 72.22 | 130.0 | 72.71 | 130.0 | 73.18 | 130.0 | 73.89 | 127.6 | 74.42 |
|        | -21.8             | -22      | 160.2                     | 72.56 | 160.2 | 72.89 | 159.0 | 73.37 | 159.0 | 73.82 | 159.0 | 74.56 | 156.1 | 75.06 |
|        | -19.8             | -20      | 169.2                     | 73.00 | 169.2 | 73.32 | 168.2 | 73.80 | 168.2 | 74.26 | 168.2 | 74.99 | 164.8 | 75.48 |
|        | -18.8             | -19      | 173.0                     | 73.22 | 173.0 | 73.53 | 171.8 | 74.01 | 171.8 | 74.47 | 171.8 | 75.20 | 168.6 | 75.71 |
|        | -16.7             | -17      | 180.8                     | 73.67 | 180.8 | 73.99 | 179.6 | 74.47 | 179.6 | 74.92 | 179.6 | 75.66 | 176.1 | 73.87 |
|        | -15               | -15.9    | 186.4                     | 73.99 | 186.4 | 74.30 | 185.1 | 74.78 | 185.1 | 75.25 | 185.1 | 74.30 | 181.6 | 72.57 |
|        | -13.7             | -15      | 191.7                     | 74.31 | 191.7 | 74.63 | 190.7 | 75.11 | 190.7 | 75.59 | 190.7 | 72.94 | 187.1 | 71.29 |
|        | -11.8             | -13      | 198.1                     | 74.72 | 198.1 | 75.05 | 196.8 | 75.54 | 196.8 | 73.67 | 196.8 | 71.25 | 194.0 | 69.64 |
|        | -9.8              | -11      | 204.5                     | 75.17 | 204.5 | 75.48 | 203.3 | 73.44 | 203.3 | 71.67 | 203.3 | 69.46 | 201.2 | 67.93 |
|        | -9.5              | -10      | 206.0                     | 75.21 | 206.0 | 75.15 | 204.5 | 73.15 | 204.5 | 71.38 | 204.5 | 69.17 | 202.2 | 67.66 |
|        | -8.5              | -9.1     | 209.7                     | 75.44 | 209.7 | 74.04 | 208.5 | 72.10 | 208.5 | 70.39 | 208.5 | 68.29 | 205.9 | 66.79 |
|        | -7                | -7.6     | 215.7                     | 73.83 | 215.7 | 72.40 | 214.4 | 70.55 | 214.4 | 68.88 | 214.4 | 66.95 | 211.0 | 65.49 |
|        | -5                | -5.6     | 223.9                     | 71.70 | 223.9 | 70.26 | 222.2 | 68.49 | 222.2 | 66.92 | 222.2 | 65.20 | 213.7 | 62.40 |
|        | -3                | -3.7     | 231.6                     | 69.59 | 231.6 | 68.15 | 230.3 | 66.47 | 230.3 | 64.98 | 230.0 | 63.43 | 213.7 | 58.97 |
|        | 0                 | -0.7     | 243.5                     | 66.44 | 243.5 | 64.94 | 241.9 | 63.43 | 237.4 | 60.89 | 230.0 | 57.82 | 213.7 | 56.59 |
|        | 3                 | 2.2      | 255.5                     | 63.27 | 255.5 | 61.73 | 245.6 | 58.42 | 237.4 | 56.13 | 230.0 | 55.25 | 213.7 | 54.19 |
|        | 5                 | 4.1      | 258.5                     | 60.07 | 255.7 | 57.88 | 245.6 | 55.39 | 237.4 | 54.28 | 230.0 | 53.60 | 213.7 | 52.61 |
|        | 7                 | 6        | 258.5                     | 56.27 | 255.7 | 54.52 | 245.6 | 53.45 | 237.4 | 52.43 | 230.0 | 51.94 | 213.7 | 51.00 |
|        | 9                 | 7.9      | 258.5                     | 54.57 | 255.7 | 53.08 | 245.6 | 52.04 | 237.4 | 51.04 | 230.0 | 50.55 | 213.7 | 49.66 |
|        | 11                | 9.8      | 258.5                     | 53.57 | 255.7 | 52.11 | 245.6 | 51.07 | 237.4 | 50.11 | 230.0 | 49.63 | 213.7 | 48.75 |
|        | 13                | 11.8     | 258.5                     | 52.48 | 255.7 | 51.06 | 245.6 | 50.06 | 237.4 | 49.10 | 230.0 | 48.63 | 213.7 | 47.77 |
|        | 15                | 13.7     | 258.5                     | 51.34 | 255.7 | 49.93 | 245.6 | 48.96 | 237.4 | 48.02 | 230.0 | 47.55 | 213.7 | 46.72 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 78.30                     | 71.10 | 78.30 | 71.56 | 77.70 | 72.07 | 77.70 | 72.78 | 77.70 | 73.31 | 76.10 | 73.52 |
|        | -24.8             | -25      | 130.3                     | 72.22 | 130.3 | 72.71 | 129.4 | 73.18 | 129.4 | 73.89 | 129.4 | 74.42 | 126.8 | 74.66 |
|        | -21.8             | -22      | 159.1                     | 72.89 | 159.1 | 73.37 | 158.0 | 73.82 | 158.0 | 74.56 | 158.0 | 75.06 | 155.2 | 75.30 |
|        | -19.8             | -20      | 168.3                     | 73.32 | 168.3 | 73.80 | 167.3 | 74.26 | 167.3 | 74.99 | 167.3 | 75.48 | 163.9 | 75.73 |
|        | -18.8             | -19      | 171.9                     | 73.53 | 171.9 | 74.01 | 170.9 | 74.47 | 170.9 | 75.20 | 170.9 | 75.71 | 167.7 | 74.76 |
|        | -16.7             | -17      | 179.9                     | 73.99 | 179.9 | 74.47 | 178.5 | 74.92 | 178.5 | 75.66 | 178.5 | 73.74 | 175.2 | 72.73 |
|        | -15               | -15.9    | 185.2                     | 74.30 | 185.2 | 74.78 | 184.0 | 75.25 | 184.0 | 74.16 | 184.0 | 72.33 | 182.3 | 71.27 |
|        | -13.7             | -15      | 190.7                     | 74.63 | 190.7 | 75.11 | 189.5 | 75.59 | 189.5 | 72.67 | 189.5 | 70.92 | 189.5 | 69.83 |
|        | -11.8             | -13      | 196.8                     | 75.05 | 196.8 | 75.54 | 195.8 | 73.48 | 195.8 | 70.79 | 195.8 | 69.12 | 192.3 | 66.76 |
|        | -9.8              | -11      | 203.5                     | 75.48 | 203.5 | 73.18 | 202.3 | 71.28 | 202.3 | 68.80 | 202.3 | 67.26 | 192.3 | 63.17 |
|        | -9.5              | -10      | 204.5                     | 75.09 | 204.5 | 72.82 | 203.5 | 70.94 | 203.5 | 68.52 | 203.5 | 66.97 | 192.3 | 62.44 |
|        | -8.5              | -9.1     | 208.6                     | 73.84 | 208.6 | 71.64 | 207.4 | 69.85 | 207.4 | 67.52 | 206.0 | 65.58 | 192.3 | 61.52 |
|        | -7                | -7.6     | 214.7                     | 71.93 | 214.7 | 69.87 | 213.4 | 68.19 | 213.1 | 65.97 | 206.0 | 62.41 | 192.3 | 60.17 |
|        | -5                | -5.6     | 222.4                     | 69.46 | 222.4 | 67.57 | 220.4 | 65.86 | 213.1 | 61.82 | 206.0 | 59.61 | 192.3 | 58.37 |
|        | -3                | -3.7     | 230.4                     | 66.98 | 230.4 | 65.27 | 220.4 | 61.52 | 213.1 | 59.00 | 206.0 | 57.86 | 192.3 | 56.59 |
|        | 0                 | -0.7     | 242.0                     | 63.26 | 234.9 | 59.98 | 220.4 | 57.60 | 213.1 | 56.24 | 206.0 | 55.26 | 192.3 | 53.90 |
|        | 3                 | 2.2      | 248.6                     | 58.30 | 234.9 | 55.39 | 220.4 | 54.52 | 213.1 | 53.51 | 206.0 | 52.67 | 192.3 | 51.23 |
|        | 5                 | 4.1      | 248.6                     | 54.15 | 234.9 | 53.21 | 220.4 | 52.51 | 213.1 | 51.65 | 206.0 | 50.93 | 192.3 | 49.44 |
|        | 7                 | 6        | 248.6                     | 51.78 | 234.9 | 51.01 | 220.4 | 50.46 | 213.1 | 49.83 | 206.0 | 49.20 | 192.3 | 47.66 |
|        | 9                 | 7.9      | 248.6                     | 50.20 | 234.9 | 49.44 | 220.4 | 48.89 | 213.1 | 48.29 | 206.0 | 47.66 | 192.3 | 46.19 |
|        | 11                | 9.8      | 248.6                     | 49.04 | 234.9 | 48.30 | 220.4 | 47.76 | 213.1 | 47.16 | 206.0 | 46.55 | 192.3 | 45.12 |
|        | 13                | 11.8     | 248.6                     | 47.79 | 234.9 | 47.08 | 220.4 | 46.54 | 213.1 | 45.98 | 206.0 | 45.38 | 192.3 | 43.98 |
|        | 15                | 13.7     | 248.6                     | 46.45 | 234.9 | 45.75 | 220.4 | 45.24 | 213.1 | 44.70 | 206.0 | 44.11 | 192.3 | 42.74 |
| 100    | -30               | -30.2    | 77.70                     | 80.83 | 77.70 | 80.40 | 77.40 | 69.26 | 77.40 | 79.18 | 77.40 | 76.98 | 75.80 | 78.45 |
|        | -24.8             | -25      | 129.7                     | 79.45 | 129.7 | 79.00 | 129.0 | 73.11 | 129.0 | 77.80 | 129.0 | 77.32 | 126.2 | 77.07 |
|        | -21.8             | -22      | 158.3                     | 78.66 | 158.3 | 78.18 | 157.4 | 75.34 | 157.4 | 77.02 | 157.4 | 77.51 | 154.4 | 76.28 |
|        | -19.8             | -20      | 167.6                     | 78.12 | 167.6 | 77.64 | 166.5 | 76.71 | 166.5 | 76.47 | 166.5 | 76.32 | 163.3 | 75.73 |
|        | -18.8             | -19      | 171.2                     | 77.85 | 170.3 | 77.39 | 170.3 | 76.92 | 170.3 | 76.19 | 170.3 | 75.71 | 167.0 | 74.55 |
|        | -16.7             | -17      | 177.8                     | 77.32 | 177.8 | 76.82 | 177.8 | 77.36 | 176.8 | 75.66 | 176.8 | 73.26 | 173.6 | 72.06 |
|        | -15               | -15.9    | 183.9                     | 76.90 | 183.9 | 76.42 | 183.2 | 76.47 | 182.9 | 73.89 | 182.9 | 71.50 | 175.7 | 68.85 |
|        | -13.7             | -15      | 189.8                     | 76.50 | 189.8 | 76.04 | 188.7 | 75.59 | 188.7 | 72.12 | 188.7 | 69.73 | 175.7 | 64.99 |
|        | -11.8             | -13      | 195.9                     | 76.01 | 194.9 | 75.54 | 194.9 | 73.23 | 194.9 | 69.88 | 188.7 | 65.39 | 175.7 | 62.84 |
|        | -9.8              | -11      | 202.5                     | 75.48 | 202.5 | 72.91 | 201.6 | 70.76 | 195.1 | 65.37 | 188.7 | 61.90 | 175.7 | 60.60 |
|        | -9.5              | -10      | 203.5                     | 75.06 | 203.5 | 72.49 | 201.6 | 70.00 | 195.1 | 64.69 | 188.7 | 61.57 | 175.7 | 60.26 |
|        | -8.5              | -9.1     | 207.6                     | 73.71 | 207.6 | 71.19 | 201.6 | 67.43 | 195.1 | 62.63 | 188.7 | 60.46 | 175.7 | 59.12 |
|        | -7                | -7.6     | 217.0                     | 71.64 | 214.4 | 68.70 | 201.6 | 63.83 | 195.1 | 60.96 | 188.7 | 58.81 | 175.7 | 57.44 |
|        | -5                | -5.6     | 226.5                     | 68.95 | 214.4 | 63.76 | 201.6 | 61.55 | 195.1 | 58.77 | 188.7 | 56.66 | 175.7 | 55.25 |
|        | -3                | -3.7     | 227.4                     | 64.71 | 214.4 | 60.81 | 201.6 | 59.26 | 195.1 | 56.59 | 188.7 | 54.49 | 175.7 | 53.04 |
|        | 0                 | -0.7     | 227.4                     | 59.07 | 214.4 | 57.13 | 201.6 | 55.79 | 195.1 | 53.31 | 188.7 | 51.24 | 175.7 | 49.73 |
|        | 3                 | 2.2      | 227.4                     | 55.23 | 214.4 | 53.47 | 201.6 | 52.34 | 195.1 | 50.03 | 188.7 | 48.02 | 175.7 | 46.42 |
|        | 5                 | 4.1      | 227.4                     | 52.69 | 214.4 | 51.01 | 201.6 | 50.03 | 195.1 | 47.86 | 188.7 | 45.85 | 175.7 | 44.22 |
|        | 7                 | 6        | 227.4                     | 50.14 | 214.4 | 48.56 | 201.6 | 47.74 | 195.1 | 45.66 | 188.7 | 43.70 | 175.7 | 42.01 |
|        | 9                 | 7.9      | 227.4                     | 48.37 | 214.4 | 46.88 | 201.6 | 46.05 | 195.1 | 44.05 | 188.7 | 42.17 | 175.7 | 40.53 |
|        | 11                | 9.8      | 227.4                     | 47.05 | 214.4 | 45.56 | 201.6 | 44.78 | 195.1 | 42.81 | 188.7 | 40.97 | 175.7 | 39.40 |
|        | 13                | 11.8     | 227.4                     | 45.62 | 214.4 | 44.17 | 201.6 | 43.41 | 195.1 | 41.53 | 188.7 | 39.73 | 175.7 | 38.21 |
|        | 15                | 13.7     | 227.4                     | 44.08 | 214.4 | 42.70 | 201.6 | 41.95 | 195.1 | 40.15 | 188.7 | 38.40 | 175.7 | 36.94 |
| 90     | -30               | -30.2    | 77.60                     | 69.92 | 77.60 | 70.58 | 77.00 | 71.12 | 77.00 | 71.32 | 77.00 | 71.87 | 75.50 | 79.27 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 129.3                     | 71.02 | 129.3 | 71.74 | 128.4 | 72.26 | 128.4 | 72.48 | 128.4 | 72.98 | 125.9 | 73.72 |
|        | -21.8             | -22      | 157.7                     | 71.65 | 157.7 | 72.40 | 156.8 | 72.91 | 156.8 | 73.14 | 156.8 | 73.64 | 153.8 | 70.51 |
|        | -19.8             | -20      | 167.0                     | 72.11 | 167.0 | 72.83 | 165.8 | 73.36 | 165.8 | 73.59 | 165.8 | 71.46 | 160.6 | 67.51 |
|        | -18.8             | -19      | 171.2                     | 72.33 | 170.3 | 73.06 | 169.5 | 73.55 | 169.5 | 72.46 | 169.5 | 70.36 | 160.6 | 65.05 |
|        | -16.7             | -17      | 177.8                     | 72.79 | 177.8 | 73.50 | 177.1 | 71.24 | 177.1 | 70.11 | 173.1 | 66.52 | 160.6 | 61.78 |
|        | -15               | -15.9    | 183.9                     | 73.10 | 183.9 | 71.80 | 182.6 | 69.61 | 178.8 | 67.02 | 173.1 | 63.99 | 160.6 | 60.27 |
|        | -13.7             | -15      | 189.8                     | 73.43 | 189.8 | 70.07 | 184.4 | 66.60 | 178.8 | 63.49 | 173.1 | 61.53 | 160.6 | 58.77 |
|        | -11.8             | -13      | 195.9                     | 71.10 | 194.9 | 67.92 | 184.4 | 62.54 | 178.8 | 61.37 | 173.1 | 59.58 | 160.6 | 56.84 |
|        | -9.8              | -11      | 202.5                     | 68.65 | 195.8 | 63.48 | 184.4 | 60.44 | 178.8 | 59.24 | 173.1 | 57.54 | 160.6 | 54.84 |
|        | -9.5              | -10      | 203.5                     | 68.26 | 195.8 | 62.81 | 184.4 | 60.12 | 178.8 | 58.92 | 173.1 | 57.23 | 160.6 | 54.54 |
|        | -8.5              | -9.1     | 207.6                     | 67.05 | 195.8 | 60.99 | 184.4 | 59.09 | 178.8 | 57.89 | 173.1 | 56.20 | 160.6 | 53.53 |
|        | -7                | -7.6     | 208.2                     | 62.55 | 195.8 | 59.29 | 184.4 | 57.53 | 178.8 | 56.31 | 173.1 | 54.66 | 160.6 | 52.02 |
|        | -5                | -5.6     | 208.2                     | 59.60 | 195.8 | 57.19 | 184.4 | 55.50 | 178.8 | 54.23 | 173.1 | 52.66 | 160.6 | 50.08 |
|        | -3                | -3.7     | 208.2                     | 57.33 | 195.8 | 55.07 | 184.4 | 53.47 | 178.8 | 52.16 | 173.1 | 50.63 | 160.6 | 48.10 |
|        | 0                 | -0.7     | 208.2                     | 53.91 | 195.8 | 51.88 | 184.4 | 50.43 | 178.8 | 49.06 | 173.1 | 47.62 | 160.6 | 45.16 |
|        | 3                 | 2.2      | 208.2                     | 50.48 | 195.8 | 48.73 | 184.4 | 47.37 | 178.8 | 45.97 | 173.1 | 44.60 | 160.6 | 42.19 |
|        | 5                 | 4.1      | 208.2                     | 48.19 | 195.8 | 46.61 | 184.4 | 45.34 | 178.8 | 43.90 | 173.1 | 42.59 | 160.6 | 40.22 |
|        | 7                 | 6        | 208.2                     | 45.92 | 195.8 | 44.51 | 184.4 | 43.31 | 178.8 | 41.84 | 173.1 | 40.60 | 160.6 | 38.28 |
|        | 9                 | 7.9      | 208.2                     | 43.76 | 195.8 | 42.41 | 184.4 | 41.27 | 178.8 | 39.85 | 173.1 | 38.67 | 160.6 | 36.47 |
|        | 11                | 9.8      | 208.2                     | 41.60 | 195.8 | 40.32 | 184.4 | 39.24 | 178.8 | 37.90 | 173.1 | 36.77 | 160.6 | 34.68 |
|        | 13                | 11.8     | 208.2                     | 39.46 | 195.8 | 38.24 | 184.4 | 37.22 | 178.8 | 35.94 | 173.1 | 34.87 | 160.6 | 32.87 |
|        | 15                | 13.7     | 208.2                     | 37.30 | 195.8 | 36.16 | 184.4 | 35.16 | 178.8 | 33.96 | 173.1 | 32.95 | 160.6 | 31.09 |
| 80     | -30               | -30.2    | 77.10                     | 61.60 | 77.10 | 62.37 | 76.70 | 62.93 | 76.70 | 62.27 | 76.70 | 70.40 | 75.20 | 67.47 |
|        | -24.8             | -25      | 128.7                     | 62.78 | 128.7 | 63.53 | 127.8 | 64.05 | 127.8 | 64.28 | 127.8 | 65.50 | 125.3 | 62.75 |
|        | -21.8             | -22      | 156.1                     | 63.46 | 156.1 | 64.18 | 156.1 | 64.70 | 156.1 | 65.43 | 154.3 | 61.98 | 143.6 | 56.98 |
|        | -19.8             | -20      | 165.1                     | 63.90 | 165.1 | 64.63 | 164.9 | 65.29 | 160.0 | 61.46 | 154.3 | 57.69 | 143.6 | 55.23 |
|        | -18.8             | -19      | 168.9                     | 64.13 | 168.9 | 65.36 | 165.0 | 62.90 | 160.0 | 59.31 | 154.3 | 56.82 | 143.6 | 54.41 |
|        | -16.7             | -17      | 174.0                     | 65.32 | 174.0 | 63.27 | 165.0 | 59.10 | 160.0 | 57.30 | 154.3 | 54.95 | 143.6 | 52.62 |
|        | -15               | -15.9    | 177.9                     | 63.77 | 175.7 | 61.65 | 165.0 | 57.67 | 160.0 | 55.88 | 154.3 | 53.61 | 143.6 | 51.32 |
|        | -13.7             | -15      | 181.8                     | 62.23 | 175.7 | 59.42 | 165.0 | 56.24 | 160.0 | 54.47 | 154.3 | 52.29 | 143.6 | 50.04 |
|        | -11.8             | -13      | 186.4                     | 60.27 | 175.7 | 56.73 | 165.0 | 54.44 | 160.0 | 52.72 | 154.3 | 50.60 | 143.6 | 48.43 |
|        | -9.8              | -11      | 186.5                     | 56.75 | 175.7 | 54.10 | 165.0 | 52.56 | 160.0 | 50.83 | 154.3 | 48.82 | 143.6 | 46.72 |
|        | -9.5              | -10      | 186.5                     | 56.04 | 175.7 | 53.49 | 165.0 | 52.27 | 160.0 | 50.56 | 154.3 | 48.56 | 143.6 | 46.47 |
|        | -8.5              | -9.1     | 186.5                     | 54.55 | 175.7 | 52.34 | 165.0 | 51.32 | 160.0 | 49.62 | 154.3 | 47.69 | 143.6 | 45.64 |
|        | -7                | -7.6     | 186.5                     | 52.54 | 175.7 | 50.91 | 165.0 | 49.91 | 160.0 | 48.21 | 154.3 | 46.37 | 143.6 | 44.34 |
|        | -5                | -5.6     | 186.5                     | 50.62 | 175.7 | 49.10 | 165.0 | 48.04 | 160.0 | 46.40 | 154.3 | 44.61 | 143.6 | 42.69 |
|        | -3                | -3.7     | 186.5                     | 48.72 | 175.7 | 47.24 | 165.0 | 46.20 | 160.0 | 44.55 | 154.3 | 42.88 | 143.6 | 41.00 |
|        | 0                 | -0.7     | 186.5                     | 45.85 | 175.7 | 44.49 | 165.0 | 43.42 | 160.0 | 41.81 | 154.3 | 40.28 | 143.6 | 38.51 |
|        | 3                 | 2.2      | 186.5                     | 42.99 | 175.7 | 41.72 | 165.0 | 40.62 | 160.0 | 39.04 | 154.3 | 37.70 | 143.6 | 36.02 |
|        | 5                 | 4.1      | 186.5                     | 41.09 | 175.7 | 39.89 | 165.0 | 38.78 | 160.0 | 37.21 | 154.3 | 35.96 | 143.6 | 34.34 |
|        | 7                 | 6        | 186.5                     | 39.17 | 175.7 | 38.03 | 165.0 | 36.92 | 160.0 | 35.39 | 154.3 | 34.21 | 143.6 | 32.67 |
|        | 9                 | 7.9      | 186.5                     | 36.79 | 175.7 | 35.72 | 165.0 | 34.67 | 160.0 | 33.23 | 154.3 | 32.13 | 143.6 | 30.69 |
|        | 11                | 9.8      | 186.5                     | 34.14 | 175.7 | 33.16 | 165.0 | 32.19 | 160.0 | 30.83 | 154.3 | 29.82 | 143.6 | 28.48 |
|        | 13                | 11.8     | 186.5                     | 31.87 | 175.7 | 30.95 | 165.0 | 30.05 | 160.0 | 28.79 | 154.3 | 27.84 | 143.6 | 26.58 |
|        | 15                | 13.7     | 186.5                     | 30.01 | 175.7 | 29.12 | 165.0 | 28.27 | 160.0 | 27.10 | 154.3 | 26.20 | 143.6 | 25.01 |
| 70     | -30               | -30.2    | 77.10                     | 61.44 | 77.10 | 61.73 | 76.70 | 62.21 | 76.70 | 69.43 | 76.70 | 66.10 | 75.20 | 63.08 |
|        | -24.8             | -25      | 128.7                     | 62.62 | 128.7 | 62.87 | 127.8 | 63.37 | 127.8 | 64.09 | 127.8 | 61.09 | 122.9 | 57.15 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 149.0                     | 63.30 | 149.0 | 63.53 | 140.5 | 60.77 | 135.7 | 57.91 | 131.5 | 55.22 | 122.9 | 52.64 |
|        | -19.8             | -20      | 158.1                     | 61.97 | 149.3 | 60.71 | 140.5 | 58.71 | 135.7 | 55.96 | 131.5 | 53.42 | 122.9 | 50.87 |
|        | -18.8             | -19      | 158.1                     | 60.70 | 149.3 | 59.69 | 140.5 | 57.70 | 135.7 | 54.98 | 131.5 | 52.48 | 122.9 | 49.99 |
|        | -16.7             | -17      | 158.1                     | 58.52 | 149.3 | 57.44 | 140.5 | 55.55 | 135.7 | 52.94 | 131.5 | 50.59 | 122.9 | 48.13 |
|        | -15               | -15.9    | 158.1                     | 56.96 | 149.3 | 55.87 | 140.5 | 54.01 | 135.7 | 51.48 | 131.5 | 49.22 | 122.9 | 46.82 |
|        | -13.7             | -15      | 158.1                     | 55.39 | 149.3 | 54.29 | 140.5 | 52.49 | 135.7 | 50.04 | 131.5 | 47.86 | 122.9 | 45.50 |
|        | -11.8             | -13      | 158.1                     | 53.40 | 149.3 | 52.30 | 140.5 | 50.56 | 135.7 | 48.19 | 131.5 | 46.13 | 122.9 | 43.84 |
|        | -9.8              | -11      | 158.1                     | 51.35 | 149.3 | 50.17 | 140.5 | 48.53 | 135.7 | 46.26 | 131.5 | 44.33 | 122.9 | 42.09 |
|        | -9.5              | -10      | 158.1                     | 51.03 | 149.3 | 49.86 | 140.5 | 48.21 | 135.7 | 45.96 | 131.5 | 44.06 | 122.9 | 41.83 |
|        | -8.5              | -9.1     | 158.1                     | 49.99 | 149.3 | 48.82 | 140.5 | 47.21 | 135.7 | 45.00 | 131.5 | 43.14 | 122.9 | 40.96 |
|        | -7                | -7.6     | 158.1                     | 48.43 | 149.3 | 47.26 | 140.5 | 45.70 | 135.7 | 43.56 | 131.5 | 41.79 | 122.9 | 39.63 |
|        | -5                | -5.6     | 158.1                     | 46.40 | 149.3 | 45.18 | 140.5 | 43.67 | 135.7 | 41.66 | 131.5 | 40.02 | 122.9 | 37.94 |
|        | -3                | -3.7     | 158.1                     | 44.37 | 149.3 | 43.13 | 140.5 | 41.69 | 135.7 | 39.76 | 131.5 | 38.23 | 122.9 | 36.21 |
|        | 0                 | -0.7     | 158.1                     | 41.31 | 149.3 | 40.03 | 140.5 | 38.70 | 135.7 | 36.92 | 131.5 | 35.57 | 122.9 | 33.64 |
|        | 3                 | 2.2      | 158.1                     | 38.25 | 149.3 | 36.94 | 140.5 | 35.70 | 135.7 | 34.07 | 131.5 | 32.92 | 122.9 | 31.05 |
|        | 5                 | 4.1      | 158.1                     | 36.23 | 149.3 | 34.87 | 140.5 | 33.73 | 135.7 | 32.19 | 131.5 | 31.13 | 122.9 | 29.34 |
|        | 7                 | 6        | 158.1                     | 34.18 | 149.3 | 32.81 | 140.5 | 31.70 | 135.7 | 30.29 | 131.5 | 29.38 | 122.9 | 27.61 |
|        | 9                 | 7.9      | 158.1                     | 30.89 | 149.3 | 29.64 | 140.5 | 28.63 | 135.7 | 27.35 | 131.5 | 26.52 | 122.9 | 24.93 |
|        | 11                | 9.8      | 158.1                     | 28.75 | 149.3 | 27.58 | 140.5 | 26.67 | 135.7 | 25.47 | 131.5 | 24.70 | 122.9 | 23.20 |
|        | 13                | 11.8     | 158.1                     | 26.90 | 149.3 | 25.81 | 140.5 | 24.94 | 135.7 | 23.83 | 131.5 | 23.10 | 122.9 | 21.73 |
|        | 15                | 13.7     | 158.1                     | 25.37 | 149.3 | 24.33 | 140.5 | 23.53 | 135.7 | 22.45 | 131.5 | 21.77 | 122.9 | 20.48 |
| 60     | -30               | -30.2    | 76.50                     | 60.93 | 76.50 | 61.41 | 75.90 | 69.15 | 73.60 | 65.49 | 71.00 | 62.11 | 66.60 | 59.08 |
|        | -24.8             | -25      | 127.3                     | 62.11 | 127.3 | 62.59 | 120.4 | 60.34 | 116.4 | 57.02 | 112.3 | 54.12 | 105.3 | 51.40 |
|        | -21.8             | -22      | 135.7                     | 62.31 | 128.3 | 60.05 | 120.4 | 56.96 | 116.4 | 54.06 | 112.3 | 51.34 | 105.3 | 48.70 |
|        | -19.8             | -20      | 135.7                     | 60.01 | 128.3 | 57.83 | 120.4 | 54.85 | 116.4 | 52.08 | 112.3 | 49.47 | 105.3 | 46.91 |
|        | -18.8             | -19      | 135.7                     | 58.88 | 128.3 | 56.72 | 120.4 | 53.83 | 116.4 | 51.12 | 112.3 | 48.55 | 105.3 | 46.00 |
|        | -16.7             | -17      | 135.7                     | 56.53 | 128.3 | 54.38 | 120.4 | 51.60 | 116.4 | 49.04 | 112.3 | 46.62 | 105.3 | 44.13 |
|        | -15               | -15.9    | 135.7                     | 54.86 | 128.3 | 52.72 | 120.4 | 50.03 | 116.4 | 47.57 | 112.3 | 45.22 | 105.3 | 42.80 |
|        | -13.7             | -15      | 135.7                     | 53.19 | 128.3 | 51.08 | 120.4 | 48.47 | 116.4 | 46.10 | 112.3 | 43.85 | 105.3 | 41.46 |
|        | -11.8             | -13      | 135.7                     | 51.07 | 128.3 | 48.96 | 120.4 | 46.47 | 116.4 | 44.23 | 112.3 | 42.09 | 105.3 | 39.76 |
|        | -9.8              | -11      | 135.7                     | 48.83 | 128.3 | 46.74 | 120.4 | 44.40 | 116.4 | 42.28 | 112.3 | 40.25 | 105.3 | 37.99 |
|        | -9.5              | -10      | 135.7                     | 48.50 | 128.3 | 46.41 | 120.4 | 44.10 | 116.4 | 41.98 | 112.3 | 39.96 | 105.3 | 37.72 |
|        | -8.5              | -9.1     | 135.7                     | 47.39 | 128.3 | 45.32 | 120.4 | 43.06 | 116.4 | 41.02 | 112.3 | 39.06 | 105.3 | 36.83 |
|        | -7                | -7.6     | 135.7                     | 45.74 | 128.3 | 43.68 | 120.4 | 41.49 | 116.4 | 39.55 | 112.3 | 37.69 | 105.3 | 35.49 |
|        | -5                | -5.6     | 135.7                     | 43.52 | 128.3 | 41.49 | 120.4 | 39.45 | 116.4 | 37.63 | 112.3 | 35.87 | 105.3 | 33.76 |
|        | -3                | -3.7     | 135.7                     | 41.36 | 128.3 | 39.33 | 120.4 | 37.39 | 116.4 | 35.70 | 112.3 | 34.05 | 105.3 | 32.00 |
|        | 0                 | -0.7     | 135.7                     | 38.05 | 128.3 | 36.06 | 120.4 | 34.32 | 116.4 | 32.81 | 112.3 | 31.34 | 105.3 | 29.38 |
|        | 3                 | 2.2      | 135.7                     | 34.76 | 128.3 | 32.80 | 120.4 | 31.23 | 116.4 | 29.93 | 112.3 | 28.63 | 105.3 | 26.75 |
|        | 5                 | 4.1      | 135.7                     | 32.58 | 128.3 | 30.64 | 120.4 | 29.20 | 116.4 | 28.01 | 112.3 | 26.83 | 105.3 | 25.00 |
|        | 7                 | 6        | 135.7                     | 30.39 | 128.3 | 28.45 | 120.4 | 27.15 | 116.4 | 26.07 | 112.3 | 25.01 | 105.3 | 23.26 |
|        | 9                 | 7.9      | 135.7                     | 27.12 | 128.3 | 25.41 | 120.4 | 24.20 | 116.4 | 23.28 | 112.3 | 22.32 | 105.3 | 20.75 |
|        | 11                | 9.8      | 135.7                     | 25.30 | 128.3 | 23.71 | 120.4 | 22.60 | 116.4 | 21.74 | 112.3 | 20.85 | 105.3 | 19.38 |
|        | 13                | 11.8     | 135.7                     | 23.71 | 128.3 | 22.20 | 120.4 | 21.19 | 116.4 | 20.37 | 112.3 | 19.52 | 105.3 | 18.15 |
|        | 15                | 13.7     | 135.7                     | 22.40 | 128.3 | 20.99 | 120.4 | 20.01 | 116.4 | 19.22 | 112.3 | 18.46 | 105.3 | 17.17 |
| 50     | -30               | -30.2    | 71.60                     | 52.81 | 67.50 | 59.75 | 63.40 | 56.58 | 61.40 | 53.66 | 59.30 | 50.80 | 55.30 | 48.31 |
|        | -24.8             | -25      | 113.2                     | 51.22 | 106.8 | 51.91 | 100.4 | 49.19 | 97.20 | 46.66 | 93.80 | 44.27 | 87.30 | 42.02 |
|        | -21.8             | -22      | 113.2                     | 51.86 | 106.8 | 49.16 | 100.4 | 46.61 | 97.20 | 44.21 | 93.80 | 41.98 | 87.30 | 39.81 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 113.2                     | 49.93 | 106.8 | 47.30 | 100.4 | 44.88 | 97.20 | 42.57 | 93.80 | 40.45 | 87.30 | 38.33 |
|        | -18.8             | -19      | 113.2                     | 48.97 | 106.8 | 46.38 | 100.4 | 44.04 | 97.20 | 41.77 | 93.80 | 39.69 | 87.30 | 37.63 |
|        | -16.7             | -17      | 113.2                     | 46.97 | 106.8 | 44.47 | 100.4 | 42.23 | 97.20 | 40.04 | 93.80 | 38.10 | 87.30 | 36.09 |
|        | -15               | -15.9    | 113.2                     | 45.53 | 106.8 | 43.07 | 100.4 | 40.94 | 97.20 | 38.82 | 93.80 | 36.96 | 87.30 | 34.99 |
|        | -13.7             | -15      | 113.2                     | 44.09 | 106.8 | 41.70 | 100.4 | 39.64 | 97.20 | 37.61 | 93.80 | 35.83 | 87.30 | 33.90 |
|        | -11.8             | -13      | 113.2                     | 42.27 | 106.8 | 39.98 | 100.4 | 38.04 | 97.20 | 36.08 | 93.80 | 34.39 | 87.30 | 32.52 |
|        | -9.8              | -11      | 113.2                     | 40.38 | 106.8 | 38.14 | 100.4 | 36.31 | 97.20 | 34.44 | 93.80 | 32.87 | 87.30 | 31.06 |
|        | -9.5              | -10      | 113.2                     | 40.08 | 106.8 | 37.88 | 100.4 | 36.05 | 97.20 | 34.21 | 93.80 | 32.67 | 87.30 | 30.84 |
|        | -8.5              | -9.1     | 113.2                     | 39.14 | 106.8 | 36.96 | 100.4 | 35.21 | 97.20 | 33.41 | 93.80 | 31.91 | 87.30 | 30.11 |
|        | -7                | -7.6     | 113.2                     | 37.69 | 106.8 | 35.60 | 100.4 | 33.93 | 97.20 | 32.20 | 93.80 | 30.77 | 87.30 | 29.03 |
|        | -5                | -5.6     | 113.2                     | 35.81 | 106.8 | 33.80 | 100.4 | 32.26 | 97.20 | 30.62 | 93.80 | 29.29 | 87.30 | 27.59 |
|        | -3                | -3.7     | 113.2                     | 33.96 | 106.8 | 32.00 | 100.4 | 30.56 | 97.20 | 29.00 | 93.80 | 27.80 | 87.30 | 26.17 |
|        | 0                 | -0.7     | 113.2                     | 31.14 | 106.8 | 29.27 | 100.4 | 28.03 | 97.20 | 26.62 | 93.80 | 25.59 | 87.30 | 24.02 |
|        | 3                 | 2.2      | 113.2                     | 28.31 | 106.8 | 26.60 | 100.4 | 25.53 | 97.20 | 24.22 | 93.80 | 23.36 | 87.30 | 21.88 |
|        | 5                 | 4.1      | 113.2                     | 26.44 | 106.8 | 24.80 | 100.4 | 23.85 | 97.20 | 22.63 | 93.80 | 21.88 | 87.30 | 20.45 |
|        | 7                 | 6        | 113.2                     | 24.57 | 106.8 | 23.00 | 100.4 | 22.16 | 97.20 | 21.03 | 93.80 | 20.38 | 87.30 | 19.04 |
|        | 9                 | 7.9      | 113.2                     | 22.19 | 106.8 | 20.76 | 100.4 | 20.01 | 97.20 | 19.01 | 93.80 | 18.41 | 87.30 | 17.19 |
|        | 11                | 9.8      | 113.2                     | 20.75 | 106.8 | 19.42 | 100.4 | 18.71 | 97.20 | 17.78 | 93.80 | 17.23 | 87.30 | 16.07 |
|        | 13                | 11.8     | 113.2                     | 19.48 | 106.8 | 18.25 | 100.4 | 17.57 | 97.20 | 16.70 | 93.80 | 16.17 | 87.30 | 15.10 |
|        | 15                | 13.7     | 113.2                     | 18.44 | 106.8 | 17.26 | 100.4 | 16.64 | 97.20 | 15.78 | 93.80 | 15.32 | 87.30 | 14.27 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM660LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 81.70                     | 73.00 | 81.70 | 73.37 | 81.10 | 73.70 | 81.10 | 74.18 | 81.10 | 74.69 | 79.60 | 75.44 |
|        | -24.8             | -25      | 136.1                     | 74.05 | 136.1 | 74.43 | 135.2 | 74.75 | 135.2 | 75.25 | 135.2 | 75.73 | 132.7 | 76.47 |
|        | -21.8             | -22      | 166.3                     | 74.65 | 166.3 | 75.03 | 165.3 | 75.36 | 165.3 | 75.86 | 165.3 | 76.33 | 162.0 | 77.08 |
|        | -19.8             | -20      | 175.9                     | 75.07 | 175.9 | 75.44 | 174.5 | 75.77 | 174.5 | 76.26 | 174.5 | 76.74 | 171.4 | 77.49 |
|        | -18.8             | -19      | 179.7                     | 75.25 | 179.7 | 75.64 | 178.5 | 75.96 | 178.5 | 76.46 | 178.5 | 76.93 | 175.1 | 77.69 |
|        | -16.7             | -17      | 187.8                     | 75.69 | 187.8 | 76.06 | 186.5 | 76.39 | 186.5 | 76.89 | 186.5 | 77.36 | 183.1 | 78.11 |
|        | -15               | -15.9    | 193.5                     | 75.98 | 193.5 | 76.36 | 192.3 | 76.68 | 192.3 | 77.18 | 192.3 | 77.66 | 188.6 | 78.61 |
|        | -13.7             | -15      | 199.4                     | 76.30 | 199.4 | 76.66 | 198.1 | 76.99 | 198.1 | 77.49 | 198.1 | 77.97 | 194.3 | 79.14 |
|        | -11.8             | -13      | 205.9                     | 76.68 | 205.9 | 77.05 | 204.5 | 77.38 | 204.5 | 77.88 | 204.5 | 78.36 | 201.5 | 79.65 |
|        | -9.8              | -11      | 212.7                     | 77.08 | 212.7 | 77.46 | 211.4 | 77.78 | 211.4 | 78.28 | 211.4 | 78.76 | 208.9 | 80.16 |
|        | -9.5              | -10      | 213.9                     | 77.16 | 213.9 | 77.51 | 212.6 | 77.45 | 212.6 | 77.48 | 212.5 | 77.42 | 210.0 | 80.24 |
|        | -8.5              | -9.1     | 218.1                     | 77.35 | 218.1 | 77.72 | 216.7 | 76.40 | 216.7 | 74.41 | 215.8 | 72.56 | 213.8 | 80.01 |
|        | -7                | -7.6     | 224.3                     | 77.65 | 224.3 | 76.19 | 222.8 | 74.81 | 222.8 | 72.85 | 222.8 | 70.99 | 219.5 | 79.53 |
|        | -5                | -5.6     | 232.4                     | 75.77 | 232.4 | 74.21 | 230.9 | 72.79 | 230.9 | 70.85 | 230.9 | 69.00 | 226.9 | 78.65 |
|        | -3                | -3.7     | 240.7                     | 73.89 | 240.7 | 72.24 | 239.1 | 70.74 | 239.1 | 68.83 | 239.1 | 67.01 | 234.2 | 77.70 |
|        | 0                 | -0.7     | 253.0                     | 71.07 | 253.0 | 69.31 | 251.4 | 67.69 | 251.4 | 65.84 | 251.4 | 64.04 | 234.6 | 75.13 |
|        | 3                 | 2.2      | 265.4                     | 68.26 | 265.4 | 66.33 | 263.7 | 64.65 | 261.3 | 62.26 | 252.0 | 58.36 | 234.6 | 72.10 |
|        | 5                 | 4.1      | 268.6                     | 65.18 | 268.6 | 63.21 | 267.8 | 61.67 | 261.3 | 58.46 | 252.0 | 56.03 | 234.6 | 69.31 |
|        | 7                 | 6        | 268.6                     | 61.49 | 268.6 | 59.51 | 267.8 | 57.98 | 261.3 | 55.81 | 252.0 | 54.15 | 234.6 | 66.53 |
|        | 9                 | 7.9      | 268.6                     | 59.71 | 268.6 | 57.78 | 267.8 | 56.11 | 261.3 | 54.47 | 252.0 | 52.86 | 234.6 | 64.74 |
| 120    | 11                | 9.8      | 268.6                     | 58.77 | 268.6 | 56.89 | 267.8 | 55.25 | 261.3 | 53.61 | 252.0 | 52.03 | 234.6 | 62.95 |
|        | 13                | 11.8     | 268.6                     | 57.77 | 268.6 | 55.90 | 267.8 | 54.28 | 261.3 | 52.70 | 252.0 | 51.13 | 234.6 | 61.16 |
|        | 15                | 13.7     | 268.6                     | 56.68 | 268.6 | 54.85 | 267.8 | 53.25 | 261.3 | 51.71 | 252.0 | 50.16 | 234.6 | 59.37 |
|        | -30               | -30.2    | 81.10                     | 73.37 | 81.10 | 73.70 | 80.60 | 74.18 | 80.60 | 74.69 | 80.60 | 75.44 | 79.00 | 75.96 |
|        | -24.8             | -25      | 135.1                     | 74.43 | 135.1 | 74.75 | 134.3 | 75.25 | 134.3 | 75.73 | 134.3 | 76.47 | 131.7 | 77.00 |
|        | -21.8             | -22      | 165.2                     | 75.03 | 165.2 | 75.36 | 164.1 | 75.86 | 164.1 | 76.33 | 164.1 | 77.08 | 161.0 | 77.60 |
|        | -19.8             | -20      | 174.5                     | 75.44 | 174.5 | 75.77 | 173.4 | 76.26 | 173.4 | 76.74 | 173.4 | 77.49 | 170.1 | 78.00 |
|        | -18.8             | -19      | 178.4                     | 75.64 | 178.4 | 75.96 | 177.2 | 76.46 | 177.2 | 76.93 | 177.2 | 77.69 | 173.9 | 78.21 |
|        | -16.7             | -17      | 186.4                     | 76.06 | 186.4 | 76.39 | 185.2 | 76.89 | 185.2 | 77.36 | 185.2 | 78.11 | 181.7 | 78.62 |
|        | -15               | -15.9    | 192.2                     | 76.36 | 192.2 | 76.68 | 190.9 | 77.18 | 190.9 | 77.66 | 190.9 | 78.36 | 187.3 | 79.13 |
|        | -13.7             | -15      | 197.8                     | 76.66 | 197.8 | 76.99 | 196.7 | 77.49 | 196.7 | 77.97 | 196.7 | 78.67 | 192.9 | 79.64 |
|        | -11.8             | -13      | 204.3                     | 77.05 | 204.3 | 77.38 | 203.0 | 77.88 | 203.0 | 78.36 | 203.0 | 79.06 | 200.1 | 80.15 |
|        | -9.8              | -11      | 211.1                     | 77.46 | 211.1 | 77.78 | 209.8 | 78.28 | 209.8 | 78.76 | 209.8 | 79.46 | 207.6 | 80.66 |
|        | -9.5              | -10      | 212.5                     | 77.51 | 212.5 | 77.44 | 211.1 | 77.48 | 211.1 | 77.52 | 211.1 | 77.56 | 210.0 | 80.70 |
|        | -8.5              | -9.1     | 216.5                     | 77.72 | 216.5 | 76.28 | 215.0 | 74.28 | 215.0 | 72.52 | 215.0 | 70.35 | 212.4 | 79.81 |
|        | -7                | -7.6     | 222.6                     | 76.03 | 222.6 | 74.57 | 221.2 | 72.65 | 221.2 | 70.93 | 221.2 | 69.24 | 217.8 | 79.15 |
|        | -5                | -5.6     | 230.9                     | 73.84 | 230.9 | 72.36 | 229.3 | 70.54 | 229.3 | 68.92 | 229.3 | 67.14 | 220.4 | 77.27 |
|        | -3                | -3.7     | 238.9                     | 71.67 | 238.9 | 70.18 | 237.5 | 68.45 | 237.5 | 66.92 | 237.2 | 65.30 | 220.4 | 74.70 |
|        | 0                 | -0.7     | 251.2                     | 68.42 | 251.2 | 66.87 | 249.5 | 65.32 | 244.8 | 62.70 | 237.2 | 59.54 | 220.4 | 72.25 |
| 110    | 3                 | 2.2      | 263.5                     | 65.16 | 263.5 | 63.57 | 253.3 | 60.15 | 244.8 | 57.78 | 237.2 | 56.87 | 220.4 | 69.78 |
|        | 5                 | 4.1      | 266.5                     | 61.82 | 263.7 | 59.58 | 253.3 | 57.02 | 244.8 | 55.87 | 237.2 | 55.17 | 220.4 | 67.15 |
|        | 7                 | 6        | 266.5                     | 57.91 | 263.7 | 56.13 | 253.3 | 55.02 | 244.8 | 53.97 | 237.2 | 53.47 | 220.4 | 64.50 |
|        | 9                 | 7.9      | 266.5                     | 56.17 | 263.7 | 54.64 | 253.3 | 53.57 | 244.8 | 52.55 | 237.2 | 52.05 | 220.4 | 61.81 |
|        | 11                | 9.8      | 266.5                     | 55.14 | 263.7 | 53.64 | 253.3 | 52.58 | 244.8 | 51.59 | 237.2 | 51.09 | 220.4 | 59.12 |
|        | 13                | 11.8     | 266.5                     | 54.02 | 263.7 | 52.56 | 253.3 | 51.53 | 244.8 | 50.54 | 237.2 | 50.06 | 220.4 | 56.43 |
|        | 15                | 13.7     | 266.5                     | 52.84 | 263.7 | 51.39 | 253.3 | 50.40 | 244.8 | 49.43 | 237.2 | 48.95 | 220.4 | 53.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 80.80                     | 73.70 | 80.80 | 74.18 | 80.20 | 74.69 | 80.20 | 75.44 | 80.20 | 75.96 | 78.60 | 76.21 |
|        | -24.8             | -25      | 134.5                     | 74.75 | 134.5 | 75.25 | 133.5 | 75.73 | 133.5 | 76.47 | 133.5 | 77.00 | 130.9 | 77.26 |
|        | -21.8             | -22      | 164.2                     | 75.36 | 164.2 | 75.86 | 163.0 | 76.33 | 163.0 | 77.08 | 163.0 | 77.60 | 160.1 | 77.85 |
|        | -19.8             | -20      | 173.6                     | 75.77 | 173.6 | 76.26 | 172.6 | 76.74 | 172.6 | 77.49 | 172.6 | 78.00 | 169.1 | 78.25 |
|        | -18.8             | -19      | 177.4                     | 75.96 | 177.4 | 76.46 | 176.3 | 76.93 | 176.3 | 77.69 | 176.3 | 78.21 | 173.0 | 77.23 |
|        | -16.7             | -17      | 185.5                     | 76.39 | 185.5 | 76.89 | 184.2 | 77.36 | 184.2 | 78.11 | 184.2 | 76.13 | 180.7 | 75.09 |
|        | -15               | -15.9    | 191.1                     | 76.68 | 191.1 | 77.18 | 189.9 | 77.66 | 189.9 | 76.53 | 189.9 | 74.64 | 188.1 | 73.55 |
|        | -13.7             | -15      | 196.7                     | 76.99 | 196.7 | 77.49 | 195.6 | 77.97 | 195.6 | 74.98 | 195.6 | 73.16 | 195.6 | 72.04 |
|        | -11.8             | -13      | 203.1                     | 77.38 | 203.1 | 77.88 | 202.0 | 75.77 | 202.0 | 72.99 | 202.0 | 71.27 | 198.3 | 68.82 |
|        | -9.8              | -11      | 209.9                     | 77.78 | 209.9 | 75.42 | 208.7 | 73.47 | 208.7 | 70.90 | 208.7 | 69.31 | 198.3 | 65.09 |
|        | -9.5              | -10      | 211.1                     | 77.38 | 211.1 | 75.04 | 209.9 | 73.11 | 209.9 | 70.60 | 209.9 | 69.01 | 198.3 | 64.32 |
|        | -8.5              | -9.1     | 215.2                     | 76.07 | 215.2 | 73.81 | 214.0 | 71.96 | 214.0 | 69.56 | 212.4 | 67.51 | 198.3 | 63.36 |
|        | -7                | -7.6     | 221.4                     | 74.08 | 221.4 | 71.96 | 220.1 | 70.23 | 219.8 | 67.93 | 212.4 | 64.24 | 198.3 | 61.94 |
|        | -5                | -5.6     | 229.5                     | 71.53 | 229.5 | 69.58 | 227.3 | 67.82 | 219.8 | 63.66 | 212.4 | 61.36 | 198.3 | 60.09 |
|        | -3                | -3.7     | 237.7                     | 68.97 | 237.7 | 67.22 | 227.3 | 63.33 | 219.8 | 60.73 | 212.4 | 59.56 | 198.3 | 58.25 |
|        | 0                 | -0.7     | 249.7                     | 65.14 | 242.2 | 61.73 | 227.3 | 59.29 | 219.8 | 57.90 | 212.4 | 56.89 | 198.3 | 55.49 |
|        | 3                 | 2.2      | 256.3                     | 59.98 | 242.2 | 57.02 | 227.3 | 56.13 | 219.8 | 55.08 | 212.4 | 54.21 | 198.3 | 52.73 |
|        | 5                 | 4.1      | 256.3                     | 55.75 | 242.2 | 54.77 | 227.3 | 54.04 | 219.8 | 53.17 | 212.4 | 52.42 | 198.3 | 50.90 |
|        | 7                 | 6        | 256.3                     | 53.31 | 242.2 | 52.52 | 227.3 | 51.94 | 219.8 | 51.30 | 212.4 | 50.65 | 198.3 | 49.06 |
|        | 9                 | 7.9      | 256.3                     | 51.68 | 242.2 | 50.89 | 227.3 | 50.33 | 219.8 | 49.71 | 212.4 | 49.06 | 198.3 | 47.56 |
|        | 11                | 9.8      | 256.3                     | 50.48 | 242.2 | 49.72 | 227.3 | 49.16 | 219.8 | 48.56 | 212.4 | 47.92 | 198.3 | 46.45 |
|        | 13                | 11.8     | 256.3                     | 49.19 | 242.2 | 48.46 | 227.3 | 47.90 | 219.8 | 47.32 | 212.4 | 46.72 | 198.3 | 45.28 |
|        | 15                | 13.7     | 256.3                     | 47.81 | 242.2 | 47.10 | 227.3 | 46.57 | 219.8 | 46.00 | 212.4 | 45.41 | 198.3 | 44.00 |
| 100    | -30               | -30.2    | 80.20                     | 83.77 | 80.20 | 83.30 | 79.80 | 71.77 | 79.80 | 82.08 | 79.80 | 79.77 | 78.20 | 81.31 |
|        | -24.8             | -25      | 133.8                     | 82.22 | 133.8 | 81.74 | 133.0 | 75.66 | 133.0 | 80.52 | 133.0 | 80.00 | 130.3 | 79.75 |
|        | -21.8             | -22      | 163.3                     | 81.33 | 163.3 | 80.84 | 162.4 | 77.91 | 162.4 | 79.63 | 162.4 | 80.14 | 159.3 | 78.86 |
|        | -19.8             | -20      | 172.9                     | 80.74 | 172.9 | 80.24 | 171.8 | 79.27 | 171.8 | 79.02 | 171.8 | 78.86 | 168.5 | 78.25 |
|        | -18.8             | -19      | 176.6                     | 80.44 | 175.6 | 79.95 | 175.6 | 79.47 | 175.6 | 78.72 | 175.6 | 78.21 | 172.2 | 77.01 |
|        | -16.7             | -17      | 183.5                     | 79.83 | 183.5 | 79.32 | 183.5 | 79.88 | 182.4 | 78.11 | 182.4 | 75.64 | 179.0 | 74.39 |
|        | -15               | -15.9    | 189.7                     | 79.37 | 189.7 | 78.87 | 189.0 | 78.92 | 188.6 | 76.24 | 188.6 | 73.79 | 181.2 | 71.03 |
|        | -13.7             | -15      | 195.8                     | 78.93 | 195.8 | 78.44 | 194.7 | 77.97 | 194.7 | 74.40 | 194.6 | 71.91 | 181.2 | 67.01 |
|        | -11.8             | -13      | 202.1                     | 78.37 | 201.1 | 77.88 | 201.1 | 75.51 | 201.1 | 72.05 | 194.6 | 67.40 | 181.2 | 64.78 |
|        | -9.8              | -11      | 208.9                     | 77.78 | 208.9 | 75.13 | 207.9 | 72.92 | 201.2 | 67.36 | 194.6 | 63.77 | 181.2 | 62.43 |
|        | -9.5              | -10      | 209.9                     | 77.35 | 209.9 | 74.71 | 207.9 | 72.11 | 201.2 | 66.64 | 194.6 | 63.42 | 181.2 | 62.07 |
|        | -8.5              | -9.1     | 214.1                     | 75.93 | 214.1 | 73.34 | 207.9 | 69.45 | 201.2 | 64.51 | 194.6 | 62.26 | 181.2 | 60.89 |
|        | -7                | -7.6     | 223.9                     | 73.78 | 221.1 | 70.72 | 207.9 | 65.71 | 201.2 | 62.76 | 194.6 | 60.54 | 181.2 | 59.14 |
|        | -5                | -5.6     | 233.6                     | 71.00 | 221.1 | 65.62 | 207.9 | 63.36 | 201.2 | 60.50 | 194.6 | 58.33 | 181.2 | 56.87 |
|        | -3                | -3.7     | 234.5                     | 66.61 | 221.1 | 62.59 | 207.9 | 61.00 | 201.2 | 58.25 | 194.6 | 56.10 | 181.2 | 54.60 |
|        | 0                 | -0.7     | 234.5                     | 60.80 | 221.1 | 58.81 | 207.9 | 57.43 | 201.2 | 54.88 | 194.6 | 52.75 | 181.2 | 51.20 |
|        | 3                 | 2.2      | 234.5                     | 56.86 | 221.1 | 55.04 | 207.9 | 53.88 | 201.2 | 51.50 | 194.6 | 49.43 | 181.2 | 47.78 |
|        | 5                 | 4.1      | 234.5                     | 54.25 | 221.1 | 52.52 | 207.9 | 51.50 | 201.2 | 49.26 | 194.6 | 47.20 | 181.2 | 45.52 |
|        | 7                 | 6        | 234.5                     | 51.62 | 221.1 | 49.99 | 207.9 | 49.13 | 201.2 | 47.00 | 194.6 | 44.98 | 181.2 | 43.24 |
|        | 9                 | 7.9      | 234.5                     | 49.80 | 221.1 | 48.25 | 207.9 | 47.40 | 201.2 | 45.35 | 194.6 | 43.40 | 181.2 | 41.73 |
|        | 11                | 9.8      | 234.5                     | 48.43 | 221.1 | 46.90 | 207.9 | 46.09 | 201.2 | 44.08 | 194.6 | 42.18 | 181.2 | 40.56 |
|        | 13                | 11.8     | 234.5                     | 46.96 | 221.1 | 45.47 | 207.9 | 44.68 | 201.2 | 42.75 | 194.6 | 40.90 | 181.2 | 39.33 |
|        | 15                | 13.7     | 234.5                     | 45.38 | 221.1 | 43.96 | 207.9 | 43.19 | 201.2 | 41.33 | 194.6 | 39.54 | 181.2 | 38.02 |
| 90     | -30               | -30.2    | 80.00                     | 72.44 | 80.00 | 73.14 | 79.50 | 73.69 | 79.50 | 73.91 | 79.50 | 74.43 | 78.00 | 82.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 133.3                     | 73.47 | 133.3 | 74.22 | 132.5 | 74.75 | 132.5 | 74.99 | 132.5 | 75.49 | 130.0 | 76.26 |
|        | -21.8             | -22      | 162.7                     | 74.07 | 162.7 | 74.83 | 161.8 | 75.35 | 161.8 | 75.60 | 161.8 | 76.11 | 158.7 | 72.89 |
|        | -19.8             | -20      | 172.2                     | 74.49 | 172.2 | 75.24 | 171.1 | 75.77 | 171.1 | 76.02 | 171.1 | 73.82 | 165.6 | 69.71 |
|        | -18.8             | -19      | 176.6                     | 74.70 | 175.6 | 75.45 | 174.8 | 75.97 | 174.8 | 74.84 | 174.8 | 72.66 | 165.6 | 67.16 |
|        | -16.7             | -17      | 183.5                     | 75.12 | 183.5 | 75.87 | 182.7 | 73.53 | 182.7 | 72.37 | 178.5 | 68.65 | 165.6 | 63.74 |
|        | -15               | -15.9    | 189.7                     | 75.42 | 189.7 | 74.07 | 188.3 | 71.81 | 184.3 | 69.11 | 178.5 | 66.00 | 165.6 | 62.15 |
|        | -13.7             | -15      | 195.8                     | 75.74 | 195.8 | 72.27 | 190.2 | 68.71 | 184.3 | 65.45 | 178.5 | 63.43 | 165.6 | 60.59 |
|        | -11.8             | -13      | 202.1                     | 73.29 | 201.1 | 70.01 | 190.2 | 64.45 | 184.3 | 63.23 | 178.5 | 61.40 | 165.6 | 58.57 |
|        | -9.8              | -11      | 208.9                     | 70.73 | 202.0 | 65.40 | 190.2 | 62.24 | 184.3 | 61.02 | 178.5 | 59.25 | 165.6 | 56.48 |
|        | -9.5              | -10      | 209.9                     | 70.33 | 202.0 | 64.73 | 190.2 | 61.92 | 184.3 | 60.68 | 178.5 | 58.92 | 165.6 | 56.16 |
|        | -8.5              | -9.1     | 214.1                     | 69.05 | 202.0 | 62.78 | 190.2 | 60.83 | 184.3 | 59.59 | 178.5 | 57.86 | 165.6 | 55.12 |
|        | -7                | -7.6     | 214.7                     | 64.38 | 202.0 | 61.02 | 190.2 | 59.21 | 184.3 | 57.94 | 178.5 | 56.25 | 165.6 | 53.54 |
|        | -5                | -5.6     | 214.7                     | 61.34 | 202.0 | 58.85 | 190.2 | 57.11 | 184.3 | 55.81 | 178.5 | 54.19 | 165.6 | 51.54 |
|        | -3                | -3.7     | 214.7                     | 58.99 | 202.0 | 56.67 | 190.2 | 55.03 | 184.3 | 53.68 | 178.5 | 52.10 | 165.6 | 49.50 |
|        | 0                 | -0.7     | 214.7                     | 55.48 | 202.0 | 53.40 | 190.2 | 51.89 | 184.3 | 50.49 | 178.5 | 49.00 | 165.6 | 46.48 |
|        | 3                 | 2.2      | 214.7                     | 51.95 | 202.0 | 50.15 | 190.2 | 48.75 | 184.3 | 47.31 | 178.5 | 45.90 | 165.6 | 43.42 |
|        | 5                 | 4.1      | 214.7                     | 49.60 | 202.0 | 47.97 | 190.2 | 46.65 | 184.3 | 45.18 | 178.5 | 43.83 | 165.6 | 41.40 |
|        | 7                 | 6        | 214.7                     | 47.25 | 202.0 | 45.80 | 190.2 | 44.57 | 184.3 | 43.05 | 178.5 | 41.78 | 165.6 | 39.38 |
|        | 9                 | 7.9      | 214.7                     | 45.03 | 202.0 | 43.64 | 190.2 | 42.47 | 184.3 | 41.02 | 178.5 | 39.80 | 165.6 | 37.54 |
|        | 11                | 9.8      | 214.7                     | 42.81 | 202.0 | 41.50 | 190.2 | 40.38 | 184.3 | 39.00 | 178.5 | 37.84 | 165.6 | 35.69 |
|        | 13                | 11.8     | 214.7                     | 40.61 | 202.0 | 39.35 | 190.2 | 38.30 | 184.3 | 36.99 | 178.5 | 35.88 | 165.6 | 33.84 |
|        | 15                | 13.7     | 214.7                     | 38.39 | 202.0 | 37.20 | 190.2 | 36.19 | 184.3 | 34.95 | 178.5 | 33.92 | 165.6 | 31.99 |
| 80     | -30               | -30.2    | 79.60                     | 63.80 | 79.60 | 64.61 | 79.10 | 65.17 | 79.10 | 64.50 | 79.10 | 72.90 | 77.60 | 69.88 |
|        | -24.8             | -25      | 132.8                     | 64.93 | 132.8 | 65.70 | 131.9 | 66.23 | 131.9 | 66.48 | 131.9 | 67.73 | 129.4 | 64.89 |
|        | -21.8             | -22      | 161.1                     | 65.58 | 161.1 | 66.32 | 161.1 | 66.85 | 161.1 | 67.60 | 159.1 | 63.98 | 148.0 | 58.85 |
|        | -19.8             | -20      | 170.4                     | 65.99 | 170.4 | 66.74 | 170.0 | 67.37 | 165.0 | 63.45 | 159.1 | 59.56 | 148.0 | 57.02 |
|        | -18.8             | -19      | 174.1                     | 66.21 | 174.1 | 67.48 | 170.1 | 64.93 | 165.0 | 61.20 | 159.1 | 58.63 | 148.0 | 56.15 |
|        | -16.7             | -17      | 179.4                     | 67.39 | 179.4 | 65.28 | 170.1 | 60.96 | 165.0 | 59.10 | 159.1 | 56.67 | 148.0 | 54.27 |
|        | -15               | -15.9    | 183.5                     | 65.76 | 181.2 | 63.59 | 170.1 | 59.45 | 165.0 | 57.61 | 159.1 | 55.26 | 148.0 | 52.91 |
|        | -13.7             | -15      | 187.5                     | 64.15 | 181.2 | 61.28 | 170.1 | 57.97 | 165.0 | 56.14 | 159.1 | 53.88 | 148.0 | 51.57 |
|        | -11.8             | -13      | 192.2                     | 62.10 | 181.2 | 58.46 | 170.1 | 56.08 | 165.0 | 54.30 | 159.1 | 52.12 | 148.0 | 49.88 |
|        | -9.8              | -11      | 192.3                     | 58.42 | 181.2 | 55.67 | 170.1 | 54.11 | 165.0 | 52.33 | 159.1 | 50.26 | 148.0 | 48.10 |
|        | -9.5              | -10      | 192.3                     | 57.69 | 181.2 | 55.05 | 170.1 | 53.81 | 165.0 | 52.04 | 159.1 | 49.98 | 148.0 | 47.84 |
|        | -8.5              | -9.1     | 192.3                     | 56.12 | 181.2 | 53.86 | 170.1 | 52.82 | 165.0 | 51.07 | 159.1 | 49.08 | 148.0 | 46.97 |
|        | -7                | -7.6     | 192.3                     | 54.05 | 181.2 | 52.37 | 170.1 | 51.35 | 165.0 | 49.60 | 159.1 | 47.70 | 148.0 | 45.62 |
|        | -5                | -5.6     | 192.3                     | 52.08 | 181.2 | 50.51 | 170.1 | 49.43 | 165.0 | 47.73 | 159.1 | 45.90 | 148.0 | 43.91 |
|        | -3                | -3.7     | 192.3                     | 50.12 | 181.2 | 48.60 | 170.1 | 47.52 | 165.0 | 45.84 | 159.1 | 44.12 | 148.0 | 42.19 |
|        | 0                 | -0.7     | 192.3                     | 47.17 | 181.2 | 45.77 | 170.1 | 44.67 | 165.0 | 43.01 | 159.1 | 41.44 | 148.0 | 39.62 |
|        | 3                 | 2.2      | 192.3                     | 44.23 | 181.2 | 42.92 | 170.1 | 41.79 | 165.0 | 40.17 | 159.1 | 38.78 | 148.0 | 37.05 |
|        | 5                 | 4.1      | 192.3                     | 42.27 | 181.2 | 41.04 | 170.1 | 39.90 | 165.0 | 38.28 | 159.1 | 36.99 | 148.0 | 35.33 |
|        | 7                 | 6        | 192.3                     | 40.31 | 181.2 | 39.13 | 170.1 | 37.99 | 165.0 | 36.41 | 159.1 | 35.20 | 148.0 | 33.61 |
|        | 9                 | 7.9      | 192.3                     | 37.85 | 181.2 | 36.75 | 170.1 | 35.67 | 165.0 | 34.18 | 159.1 | 33.05 | 148.0 | 31.57 |
|        | 11                | 9.8      | 192.3                     | 35.12 | 181.2 | 34.11 | 170.1 | 33.11 | 165.0 | 31.72 | 159.1 | 30.68 | 148.0 | 29.30 |
|        | 13                | 11.8     | 192.3                     | 32.79 | 181.2 | 31.84 | 170.1 | 30.91 | 165.0 | 29.62 | 159.1 | 28.64 | 148.0 | 27.35 |
|        | 15                | 13.7     | 192.3                     | 30.87 | 181.2 | 29.96 | 170.1 | 29.08 | 165.0 | 27.88 | 159.1 | 26.96 | 148.0 | 25.73 |
| 70     | -30               | -30.2    | 79.60                     | 63.63 | 79.60 | 63.88 | 79.10 | 64.40 | 79.10 | 71.87 | 79.10 | 68.44 | 77.60 | 65.30 |
|        | -24.8             | -25      | 132.8                     | 64.74 | 132.8 | 64.99 | 131.9 | 65.50 | 131.9 | 66.25 | 131.9 | 63.15 | 126.7 | 59.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 153.7                     | 65.38 | 153.7 | 65.63 | 144.9 | 62.74 | 139.9 | 59.79 | 135.7 | 57.01 | 126.7 | 54.35 |
|        | -19.8             | -20      | 163.1                     | 64.02 | 153.9 | 62.65 | 144.9 | 60.58 | 139.9 | 57.75 | 135.7 | 55.12 | 126.7 | 52.50 |
|        | -18.8             | -19      | 163.1                     | 62.62 | 153.9 | 61.57 | 144.9 | 59.52 | 139.9 | 56.72 | 135.7 | 54.15 | 126.7 | 51.58 |
|        | -16.7             | -17      | 163.1                     | 60.33 | 153.9 | 59.23 | 144.9 | 57.28 | 139.9 | 54.58 | 135.7 | 52.16 | 126.7 | 49.63 |
|        | -15               | -15.9    | 163.1                     | 58.69 | 153.9 | 57.58 | 144.9 | 55.67 | 139.9 | 53.06 | 135.7 | 50.73 | 126.7 | 48.25 |
|        | -13.7             | -15      | 163.1                     | 57.06 | 153.9 | 55.93 | 144.9 | 54.08 | 139.9 | 51.55 | 135.7 | 49.30 | 126.7 | 46.88 |
|        | -11.8             | -13      | 163.1                     | 54.99 | 153.9 | 53.85 | 144.9 | 52.07 | 139.9 | 49.62 | 135.7 | 47.50 | 126.7 | 45.15 |
|        | -9.8              | -11      | 163.1                     | 52.84 | 153.9 | 51.64 | 144.9 | 49.95 | 139.9 | 47.62 | 135.7 | 45.63 | 126.7 | 43.32 |
|        | -9.5              | -10      | 163.1                     | 52.51 | 153.9 | 51.31 | 144.9 | 49.62 | 139.9 | 47.31 | 135.7 | 45.35 | 126.7 | 43.05 |
|        | -8.5              | -9.1     | 163.1                     | 51.44 | 153.9 | 50.23 | 144.9 | 48.57 | 139.9 | 46.29 | 135.7 | 44.38 | 126.7 | 42.14 |
|        | -7                | -7.6     | 163.1                     | 49.81 | 153.9 | 48.60 | 144.9 | 47.00 | 139.9 | 44.80 | 135.7 | 42.98 | 126.7 | 40.76 |
|        | -5                | -5.6     | 163.1                     | 47.72 | 153.9 | 46.47 | 144.9 | 44.92 | 139.9 | 42.85 | 135.7 | 41.16 | 126.7 | 39.01 |
|        | -3                | -3.7     | 163.1                     | 45.63 | 153.9 | 44.35 | 144.9 | 42.88 | 139.9 | 40.90 | 135.7 | 39.32 | 126.7 | 37.24 |
|        | 0                 | -0.7     | 163.1                     | 42.48 | 153.9 | 41.17 | 144.9 | 39.80 | 139.9 | 37.97 | 135.7 | 36.59 | 126.7 | 34.59 |
|        | 3                 | 2.2      | 163.1                     | 39.34 | 153.9 | 37.99 | 144.9 | 36.72 | 139.9 | 35.04 | 135.7 | 33.86 | 126.7 | 31.93 |
|        | 5                 | 4.1      | 163.1                     | 37.26 | 153.9 | 35.87 | 144.9 | 34.68 | 139.9 | 33.10 | 135.7 | 32.02 | 126.7 | 30.17 |
|        | 7                 | 6        | 163.1                     | 35.16 | 153.9 | 33.75 | 144.9 | 32.60 | 139.9 | 31.15 | 135.7 | 30.21 | 126.7 | 28.39 |
|        | 9                 | 7.9      | 163.1                     | 31.76 | 153.9 | 30.48 | 144.9 | 29.45 | 139.9 | 28.13 | 135.7 | 27.28 | 126.7 | 25.63 |
|        | 11                | 9.8      | 163.1                     | 29.57 | 153.9 | 28.37 | 144.9 | 27.43 | 139.9 | 26.19 | 135.7 | 25.40 | 126.7 | 23.86 |
|        | 13                | 11.8     | 163.1                     | 27.66 | 153.9 | 26.54 | 144.9 | 25.65 | 139.9 | 24.51 | 135.7 | 23.75 | 126.7 | 22.34 |
|        | 15                | 13.7     | 163.1                     | 26.08 | 153.9 | 25.03 | 144.9 | 24.19 | 139.9 | 23.09 | 135.7 | 22.39 | 126.7 | 21.06 |
| 60     | -30               | -30.2    | 78.80                     | 63.08 | 78.80 | 63.59 | 78.30 | 71.56 | 75.90 | 67.78 | 73.20 | 64.31 | 68.60 | 61.13 |
|        | -24.8             | -25      | 131.3                     | 64.20 | 131.3 | 64.70 | 124.2 | 62.33 | 120.0 | 58.91 | 115.8 | 55.91 | 108.5 | 53.09 |
|        | -21.8             | -22      | 139.9                     | 64.33 | 132.3 | 61.99 | 124.2 | 58.79 | 120.0 | 55.81 | 115.8 | 52.99 | 108.5 | 50.26 |
|        | -19.8             | -20      | 139.9                     | 61.91 | 132.3 | 59.66 | 124.2 | 56.59 | 120.0 | 53.73 | 115.8 | 51.04 | 108.5 | 48.39 |
|        | -18.8             | -19      | 139.9                     | 60.74 | 132.3 | 58.50 | 124.2 | 55.51 | 120.0 | 52.71 | 115.8 | 50.07 | 108.5 | 47.45 |
|        | -16.7             | -17      | 139.9                     | 58.28 | 132.3 | 56.06 | 124.2 | 53.19 | 120.0 | 50.55 | 115.8 | 48.05 | 108.5 | 45.49 |
|        | -15               | -15.9    | 139.9                     | 56.52 | 132.3 | 54.32 | 124.2 | 51.55 | 120.0 | 49.01 | 115.8 | 46.59 | 108.5 | 44.10 |
|        | -13.7             | -15      | 139.9                     | 54.78 | 132.3 | 52.61 | 124.2 | 49.93 | 120.0 | 47.48 | 115.8 | 45.16 | 108.5 | 42.71 |
|        | -11.8             | -13      | 139.9                     | 52.57 | 132.3 | 50.40 | 124.2 | 47.85 | 120.0 | 45.53 | 115.8 | 43.34 | 108.5 | 40.93 |
|        | -9.8              | -11      | 139.9                     | 50.25 | 132.3 | 48.10 | 124.2 | 45.69 | 120.0 | 43.50 | 115.8 | 41.41 | 108.5 | 39.09 |
|        | -9.5              | -10      | 139.9                     | 49.90 | 132.3 | 47.76 | 124.2 | 45.37 | 120.0 | 43.19 | 115.8 | 41.12 | 108.5 | 38.81 |
|        | -8.5              | -9.1     | 139.9                     | 48.75 | 132.3 | 46.61 | 124.2 | 44.29 | 120.0 | 42.18 | 115.8 | 40.17 | 108.5 | 37.88 |
|        | -7                | -7.6     | 139.9                     | 47.02 | 132.3 | 44.91 | 124.2 | 42.66 | 120.0 | 40.66 | 115.8 | 38.75 | 108.5 | 36.49 |
|        | -5                | -5.6     | 139.9                     | 44.75 | 132.3 | 42.66 | 124.2 | 40.56 | 120.0 | 38.69 | 115.8 | 36.88 | 108.5 | 34.71 |
|        | -3                | -3.7     | 139.9                     | 42.52 | 132.3 | 40.43 | 124.2 | 38.44 | 120.0 | 36.71 | 115.8 | 35.01 | 108.5 | 32.90 |
|        | 0                 | -0.7     | 139.9                     | 39.12 | 132.3 | 37.08 | 124.2 | 35.29 | 120.0 | 33.73 | 115.8 | 32.22 | 108.5 | 30.21 |
|        | 3                 | 2.2      | 139.9                     | 35.74 | 132.3 | 33.72 | 124.2 | 32.12 | 120.0 | 30.77 | 115.8 | 29.44 | 108.5 | 27.50 |
|        | 5                 | 4.1      | 139.9                     | 33.50 | 132.3 | 31.50 | 124.2 | 30.02 | 120.0 | 28.80 | 115.8 | 27.58 | 108.5 | 25.71 |
|        | 7                 | 6        | 139.9                     | 31.24 | 132.3 | 29.26 | 124.2 | 27.90 | 120.0 | 26.81 | 115.8 | 25.72 | 108.5 | 23.92 |
|        | 9                 | 7.9      | 139.9                     | 27.88 | 132.3 | 26.12 | 124.2 | 24.89 | 120.0 | 23.93 | 115.8 | 22.95 | 108.5 | 21.33 |
|        | 11                | 9.8      | 139.9                     | 26.01 | 132.3 | 24.38 | 124.2 | 23.24 | 120.0 | 22.34 | 115.8 | 21.43 | 108.5 | 19.92 |
|        | 13                | 11.8     | 139.9                     | 24.38 | 132.3 | 22.83 | 124.2 | 21.78 | 120.0 | 20.93 | 115.8 | 20.07 | 108.5 | 18.67 |
|        | 15                | 13.7     | 139.9                     | 23.04 | 132.3 | 21.58 | 124.2 | 20.57 | 120.0 | 19.77 | 115.8 | 18.97 | 108.5 | 17.65 |
| 50     | -30               | -30.2    | 73.80                     | 54.62 | 69.60 | 61.82 | 65.40 | 58.53 | 63.30 | 55.50 | 61.20 | 52.56 | 57.00 | 49.97 |
|        | -24.8             | -25      | 116.7                     | 52.89 | 110.1 | 53.60 | 103.5 | 50.80 | 100.2 | 48.18 | 96.80 | 45.71 | 90.10 | 43.39 |
|        | -21.8             | -22      | 116.7                     | 53.51 | 110.1 | 50.72 | 103.5 | 48.09 | 100.2 | 45.62 | 96.80 | 43.31 | 90.10 | 41.08 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 116.7                     | 51.50 | 110.1 | 48.78 | 103.5 | 46.28 | 100.2 | 43.90 | 96.80 | 41.71 | 90.10 | 39.54 |
|        | -18.8             | -19      | 116.7                     | 50.49 | 110.1 | 47.82 | 103.5 | 45.39 | 100.2 | 43.06 | 96.80 | 40.92 | 90.10 | 38.79 |
|        | -16.7             | -17      | 116.7                     | 48.39 | 110.1 | 45.81 | 103.5 | 43.52 | 100.2 | 41.26 | 96.80 | 39.26 | 90.10 | 37.18 |
|        | -15               | -15.9    | 116.7                     | 46.89 | 110.1 | 44.36 | 103.5 | 42.16 | 100.2 | 39.99 | 96.80 | 38.07 | 90.10 | 36.04 |
|        | -13.7             | -15      | 116.7                     | 45.39 | 110.1 | 42.94 | 103.5 | 40.81 | 100.2 | 38.73 | 96.80 | 36.89 | 90.10 | 34.90 |
|        | -11.8             | -13      | 116.7                     | 43.51 | 110.1 | 41.13 | 103.5 | 39.14 | 100.2 | 37.13 | 96.80 | 35.39 | 90.10 | 33.46 |
|        | -9.8              | -11      | 116.7                     | 41.53 | 110.1 | 39.23 | 103.5 | 37.35 | 100.2 | 35.42 | 96.80 | 33.81 | 90.10 | 31.94 |
|        | -9.5              | -10      | 116.7                     | 41.22 | 110.1 | 38.95 | 103.5 | 37.08 | 100.2 | 35.18 | 96.80 | 33.59 | 90.10 | 31.72 |
|        | -8.5              | -9.1     | 116.7                     | 40.24 | 110.1 | 38.00 | 103.5 | 36.20 | 100.2 | 34.34 | 96.80 | 32.80 | 90.10 | 30.96 |
|        | -7                | -7.6     | 116.7                     | 38.75 | 110.1 | 36.58 | 103.5 | 34.87 | 100.2 | 33.10 | 96.80 | 31.63 | 90.10 | 29.83 |
|        | -5                | -5.6     | 116.7                     | 36.81 | 110.1 | 34.73 | 103.5 | 33.15 | 100.2 | 31.46 | 96.80 | 30.11 | 90.10 | 28.36 |
|        | -3                | -3.7     | 116.7                     | 34.90 | 110.1 | 32.88 | 103.5 | 31.41 | 100.2 | 29.81 | 96.80 | 28.58 | 90.10 | 26.90 |
|        | 0                 | -0.7     | 116.7                     | 32.00 | 110.1 | 30.09 | 103.5 | 28.81 | 100.2 | 27.35 | 96.80 | 26.30 | 90.10 | 24.69 |
|        | 3                 | 2.2      | 116.7                     | 29.10 | 110.1 | 27.34 | 103.5 | 26.24 | 100.2 | 24.90 | 96.80 | 24.01 | 90.10 | 22.49 |
|        | 5                 | 4.1      | 116.7                     | 27.18 | 110.1 | 25.48 | 103.5 | 24.50 | 100.2 | 23.26 | 96.80 | 22.49 | 90.10 | 21.02 |
|        | 7                 | 6        | 116.7                     | 25.25 | 110.1 | 23.64 | 103.5 | 22.77 | 100.2 | 21.62 | 96.80 | 20.95 | 90.10 | 19.56 |
|        | 9                 | 7.9      | 116.7                     | 22.80 | 110.1 | 21.34 | 103.5 | 20.57 | 100.2 | 19.54 | 96.80 | 18.92 | 90.10 | 17.66 |
|        | 11                | 9.8      | 116.7                     | 21.33 | 110.1 | 19.97 | 103.5 | 19.23 | 100.2 | 18.27 | 96.80 | 17.70 | 90.10 | 16.52 |
|        | 13                | 11.8     | 116.7                     | 20.03 | 110.1 | 18.75 | 103.5 | 18.06 | 100.2 | 17.17 | 96.80 | 16.63 | 90.10 | 15.52 |
|        | 15                | 13.7     | 116.7                     | 18.95 | 110.1 | 17.73 | 103.5 | 17.10 | 100.2 | 16.22 | 96.80 | 15.74 | 90.10 | 14.68 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM680LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 83.40                     | 75.51 | 83.40 | 76.02 | 82.80 | 76.47 | 82.80 | 77.12 | 82.80 | 77.81 | 81.30 | 78.87 |
|        | -24.8             | -25      | 139.0                     | 77.23 | 139.0 | 77.76 | 137.9 | 78.20 | 137.9 | 78.88 | 137.9 | 79.55 | 135.6 | 80.58 |
|        | -21.8             | -22      | 170.6                     | 78.23 | 170.6 | 78.76 | 169.5 | 79.21 | 169.5 | 79.90 | 169.5 | 80.56 | 166.1 | 81.59 |
|        | -19.8             | -20      | 180.8                     | 78.92 | 180.8 | 79.43 | 179.4 | 79.89 | 179.4 | 80.58 | 179.4 | 81.23 | 176.2 | 82.27 |
|        | -18.8             | -19      | 184.9                     | 79.24 | 184.9 | 79.78 | 183.6 | 80.22 | 183.6 | 80.91 | 183.6 | 81.56 | 180.1 | 82.60 |
|        | -16.7             | -17      | 193.3                     | 79.96 | 193.3 | 80.47 | 192.0 | 80.93 | 192.0 | 81.62 | 192.0 | 82.28 | 188.5 | 83.31 |
|        | -15               | -15.9    | 199.2                     | 80.46 | 199.2 | 80.99 | 198.1 | 81.43 | 198.1 | 82.12 | 198.1 | 82.79 | 194.2 | 81.79 |
|        | -13.7             | -15      | 205.4                     | 80.98 | 205.4 | 81.48 | 204.1 | 81.94 | 204.1 | 82.63 | 204.1 | 83.29 | 200.1 | 80.26 |
|        | -11.8             | -13      | 212.0                     | 81.61 | 212.0 | 82.12 | 210.7 | 82.57 | 210.7 | 83.28 | 210.7 | 81.24 | 207.6 | 78.33 |
|        | -9.8              | -11      | 219.0                     | 82.28 | 219.0 | 82.81 | 217.7 | 83.25 | 217.7 | 81.13 | 217.7 | 79.10 | 215.4 | 76.30 |
|        | -9.5              | -10      | 220.2                     | 82.41 | 220.2 | 82.89 | 219.0 | 82.91 | 219.0 | 80.80 | 218.8 | 78.79 | 216.5 | 75.98 |
|        | -8.5              | -9.1     | 224.5                     | 82.72 | 224.5 | 83.23 | 223.2 | 81.82 | 223.2 | 79.69 | 222.3 | 77.71 | 220.5 | 74.97 |
|        | -7                | -7.6     | 231.0                     | 83.23 | 231.0 | 81.66 | 229.3 | 80.18 | 229.3 | 78.09 | 229.3 | 76.08 | 226.4 | 73.46 |
|        | -5                | -5.6     | 239.4                     | 81.22 | 239.4 | 79.53 | 237.8 | 78.00 | 237.8 | 75.94 | 237.8 | 73.96 | 234.0 | 71.44 |
|        | -3                | -3.7     | 247.9                     | 79.19 | 247.9 | 77.43 | 246.3 | 75.82 | 246.3 | 73.77 | 246.3 | 71.82 | 241.4 | 69.29 |
|        | 0                 | -0.7     | 260.6                     | 76.18 | 260.6 | 74.29 | 258.8 | 72.55 | 258.8 | 70.56 | 258.8 | 68.64 | 241.7 | 63.22 |
|        | 3                 | 2.2      | 273.4                     | 73.16 | 273.4 | 71.09 | 271.5 | 69.30 | 269.2 | 66.75 | 259.6 | 62.57 | 241.7 | 60.14 |
|        | 5                 | 4.1      | 276.6                     | 69.87 | 276.6 | 67.77 | 275.8 | 66.10 | 269.2 | 62.67 | 259.6 | 60.06 | 241.7 | 58.22 |
|        | 7                 | 6        | 276.6                     | 65.92 | 276.6 | 63.79 | 275.8 | 62.15 | 269.2 | 59.84 | 259.6 | 58.06 | 241.7 | 56.31 |
|        | 9                 | 7.9      | 276.6                     | 64.01 | 276.6 | 61.95 | 275.8 | 60.15 | 269.2 | 58.41 | 259.6 | 56.68 | 241.7 | 54.96 |
| 120    | 11                | 9.8      | 276.6                     | 63.00 | 276.6 | 60.99 | 275.8 | 59.24 | 269.2 | 57.48 | 259.6 | 55.78 | 241.7 | 54.11 |
|        | 13                | 11.8     | 276.6                     | 61.94 | 276.6 | 59.93 | 275.8 | 58.19 | 269.2 | 56.50 | 259.6 | 54.82 | 241.7 | 53.18 |
|        | 15                | 13.7     | 276.6                     | 60.77 | 276.6 | 58.80 | 275.8 | 57.09 | 269.2 | 55.43 | 259.6 | 53.78 | 241.7 | 52.16 |
|        | -30               | -30.2    | 82.80                     | 76.02 | 82.80 | 76.47 | 82.20 | 77.12 | 82.20 | 77.81 | 82.20 | 78.87 | 80.70 | 79.57 |
|        | -24.8             | -25      | 137.9                     | 77.76 | 137.9 | 78.20 | 137.0 | 78.88 | 137.0 | 79.55 | 137.0 | 80.58 | 134.6 | 81.31 |
|        | -21.8             | -22      | 169.5                     | 78.76 | 169.5 | 79.21 | 168.3 | 79.90 | 168.3 | 80.56 | 168.3 | 81.59 | 165.2 | 82.32 |
|        | -19.8             | -20      | 179.4                     | 79.43 | 179.4 | 79.89 | 178.3 | 80.58 | 178.3 | 81.23 | 178.3 | 82.27 | 174.8 | 82.98 |
|        | -18.8             | -19      | 183.4                     | 79.78 | 183.4 | 80.22 | 182.2 | 80.91 | 182.2 | 81.56 | 182.2 | 82.60 | 178.8 | 83.32 |
|        | -16.7             | -17      | 191.8                     | 80.47 | 191.8 | 80.93 | 190.6 | 81.62 | 190.6 | 82.28 | 190.6 | 83.31 | 186.9 | 81.35 |
|        | -15               | -15.9    | 197.9                     | 80.99 | 197.9 | 81.43 | 196.5 | 82.12 | 196.5 | 82.79 | 196.5 | 81.85 | 192.8 | 79.95 |
|        | -13.7             | -15      | 203.7                     | 81.48 | 203.7 | 81.94 | 202.6 | 82.63 | 202.6 | 83.29 | 202.6 | 80.39 | 198.7 | 78.56 |
|        | -11.8             | -13      | 210.5                     | 82.12 | 210.5 | 82.57 | 209.1 | 83.28 | 209.1 | 81.22 | 209.1 | 78.54 | 206.2 | 76.79 |
|        | -9.8              | -11      | 217.3                     | 82.81 | 217.3 | 83.25 | 216.1 | 81.00 | 216.1 | 79.05 | 216.1 | 76.61 | 214.0 | 74.93 |
|        | -9.5              | -10      | 218.8                     | 82.89 | 218.8 | 82.89 | 217.3 | 80.69 | 217.3 | 78.74 | 217.3 | 76.30 | 215.1 | 74.63 |
|        | -8.5              | -9.1     | 222.9                     | 83.23 | 222.9 | 81.69 | 221.4 | 79.55 | 221.4 | 77.66 | 221.4 | 75.35 | 218.9 | 73.70 |
|        | -7                | -7.6     | 229.2                     | 81.48 | 229.2 | 79.91 | 227.8 | 77.86 | 227.8 | 76.02 | 227.8 | 73.90 | 224.6 | 72.30 |
|        | -5                | -5.6     | 237.8                     | 79.14 | 237.8 | 77.55 | 236.2 | 75.60 | 236.2 | 73.87 | 236.2 | 71.96 | 227.0 | 68.76 |
|        | -3                | -3.7     | 246.0                     | 76.81 | 246.0 | 75.22 | 244.6 | 73.36 | 244.6 | 71.73 | 244.3 | 70.01 | 227.0 | 65.08 |
|        | 0                 | -0.7     | 258.7                     | 73.33 | 258.7 | 71.68 | 257.0 | 70.01 | 252.2 | 67.21 | 244.3 | 63.83 | 227.0 | 62.45 |
|        | 3                 | 2.2      | 271.3                     | 69.84 | 271.3 | 68.14 | 260.8 | 64.46 | 252.2 | 61.95 | 244.3 | 60.97 | 227.0 | 59.81 |
|        | 5                 | 4.1      | 274.6                     | 66.29 | 271.7 | 63.89 | 260.8 | 61.13 | 252.2 | 59.90 | 244.3 | 59.14 | 227.0 | 58.06 |
|        | 7                 | 6        | 274.6                     | 62.11 | 271.7 | 60.17 | 260.8 | 58.99 | 252.2 | 57.85 | 244.3 | 57.32 | 227.0 | 56.28 |
|        | 9                 | 7.9      | 274.6                     | 60.21 | 271.7 | 58.58 | 260.8 | 57.43 | 252.2 | 56.33 | 244.3 | 55.80 | 227.0 | 54.80 |
|        | 11                | 9.8      | 274.6                     | 59.11 | 271.7 | 57.51 | 260.8 | 56.36 | 252.2 | 55.31 | 244.3 | 54.77 | 227.0 | 53.79 |
|        | 13                | 11.8     | 274.6                     | 57.92 | 271.7 | 56.34 | 260.8 | 55.24 | 252.2 | 54.19 | 244.3 | 53.67 | 227.0 | 52.73 |
|        | 15                | 13.7     | 274.6                     | 56.66 | 271.7 | 55.10 | 260.8 | 54.03 | 252.2 | 52.99 | 244.3 | 52.47 | 227.0 | 51.56 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 82.50                     | 76.47 | 82.50 | 77.12 | 81.90 | 77.81 | 81.90 | 78.87 | 81.90 | 79.57 | 80.20 | 79.93 |
|        | -24.8             | -25      | 137.3                     | 78.20 | 137.3 | 78.88 | 136.4 | 79.55 | 136.4 | 80.58 | 136.4 | 81.31 | 133.6 | 81.67 |
|        | -21.8             | -22      | 168.5                     | 79.21 | 168.5 | 79.90 | 167.2 | 80.56 | 167.2 | 81.59 | 167.2 | 82.32 | 164.3 | 82.65 |
|        | -19.8             | -20      | 178.5                     | 79.89 | 178.5 | 80.58 | 177.4 | 81.23 | 177.4 | 82.27 | 177.4 | 82.98 | 173.9 | 83.33 |
|        | -18.8             | -19      | 182.4                     | 80.22 | 182.4 | 80.91 | 181.3 | 81.56 | 181.3 | 82.60 | 181.3 | 83.32 | 177.9 | 82.29 |
|        | -16.7             | -17      | 190.9                     | 80.93 | 190.9 | 81.62 | 189.6 | 82.28 | 189.6 | 83.31 | 189.6 | 84.02 | 186.0 | 83.00 |
|        | -15               | -15.9    | 196.7                     | 81.43 | 196.7 | 82.12 | 195.5 | 82.79 | 195.5 | 83.69 | 195.5 | 84.38 | 193.6 | 83.52 |
|        | -13.7             | -15      | 202.6                     | 81.94 | 202.6 | 82.63 | 201.4 | 83.29 | 201.4 | 84.09 | 201.4 | 84.80 | 201.4 | 84.06 |
|        | -11.8             | -13      | 209.1                     | 82.57 | 209.1 | 83.28 | 208.0 | 84.02 | 208.0 | 84.84 | 208.0 | 85.66 | 204.3 | 84.61 |
|        | -9.8              | -11      | 216.2                     | 83.25 | 216.2 | 83.92 | 215.0 | 84.63 | 215.0 | 85.45 | 215.0 | 86.27 | 204.3 | 85.23 |
|        | -9.5              | -10      | 217.3                     | 83.83 | 217.3 | 84.47 | 216.2 | 85.11 | 216.2 | 85.93 | 216.2 | 86.75 | 204.3 | 85.81 |
|        | -8.5              | -9.1     | 221.6                     | 84.47 | 221.6 | 84.95 | 220.4 | 85.70 | 220.4 | 86.50 | 218.8 | 87.30 | 204.3 | 86.41 |
|        | -7                | -7.6     | 228.1                     | 85.39 | 228.1 | 85.73 | 226.7 | 86.48 | 226.4 | 87.28 | 218.8 | 88.08 | 204.3 | 87.01 |
|        | -5                | -5.6     | 236.3                     | 86.67 | 236.3 | 87.01 | 234.1 | 87.68 | 226.4 | 88.06 | 218.8 | 88.46 | 204.3 | 87.39 |
|        | -3                | -3.7     | 244.8                     | 87.93 | 244.8 | 88.27 | 234.1 | 88.94 | 226.4 | 88.44 | 218.8 | 88.84 | 204.3 | 87.77 |
|        | 0                 | -0.7     | 257.2                     | 89.82 | 249.6 | 89.20 | 234.1 | 89.57 | 226.4 | 89.08 | 218.8 | 88.59 | 204.3 | 87.15 |
|        | 3                 | 2.2      | 264.1                     | 90.34 | 249.6 | 89.73 | 234.1 | 90.07 | 226.4 | 89.58 | 218.8 | 89.10 | 204.3 | 86.53 |
|        | 5                 | 4.1      | 264.1                     | 89.76 | 249.6 | 89.12 | 234.1 | 89.47 | 226.4 | 88.91 | 218.8 | 88.54 | 204.3 | 85.91 |
|        | 7                 | 6        | 264.1                     | 89.15 | 249.6 | 88.50 | 234.1 | 88.86 | 226.4 | 88.29 | 218.8 | 87.95 | 204.3 | 85.30 |
|        | 9                 | 7.9      | 264.1                     | 88.40 | 249.6 | 87.75 | 234.1 | 88.11 | 226.4 | 87.59 | 218.8 | 87.06 | 204.3 | 84.69 |
|        | 11                | 9.8      | 264.1                     | 87.13 | 249.6 | 86.48 | 234.1 | 86.84 | 226.4 | 86.32 | 218.8 | 85.79 | 204.3 | 84.08 |
|        | 13                | 11.8     | 264.1                     | 85.74 | 249.6 | 85.09 | 234.1 | 85.45 | 226.4 | 84.93 | 218.8 | 84.40 | 204.3 | 83.47 |
|        | 15                | 13.7     | 264.1                     | 84.26 | 249.6 | 83.61 | 234.1 | 83.97 | 226.4 | 83.45 | 218.8 | 82.92 | 204.3 | 82.86 |
| 100    | -30               | -30.2    | 81.90                     | 87.56 | 81.90 | 87.18 | 81.60 | 75.67 | 81.60 | 86.15 | 81.60 | 83.76 | 79.90 | 85.53 |
|        | -24.8             | -25      | 136.7                     | 86.45 | 136.7 | 86.06 | 135.9 | 79.98 | 135.9 | 85.04 | 135.9 | 84.62 | 133.0 | 84.42 |
|        | -21.8             | -22      | 167.5                     | 85.80 | 167.5 | 85.41 | 166.6 | 82.49 | 166.6 | 84.41 | 166.6 | 85.12 | 163.3 | 83.77 |
|        | -19.8             | -20      | 177.7                     | 85.38 | 177.7 | 84.96 | 176.7 | 84.03 | 176.7 | 83.97 | 176.7 | 83.94 | 173.3 | 83.33 |
|        | -18.8             | -19      | 181.6                     | 85.17 | 180.7 | 84.76 | 180.7 | 84.36 | 180.7 | 83.74 | 180.7 | 83.32 | 177.1 | 82.05 |
|        | -16.7             | -17      | 188.8                     | 84.74 | 188.8 | 84.31 | 188.8 | 85.06 | 187.7 | 83.31 | 187.7 | 80.67 | 184.3 | 79.35 |
|        | -15               | -15.9    | 195.3                     | 84.41 | 195.3 | 83.99 | 194.5 | 84.18 | 194.2 | 81.39 | 194.2 | 78.77 | 186.7 | 75.87 |
|        | -13.7             | -15      | 201.7                     | 84.09 | 201.7 | 83.68 | 200.4 | 83.29 | 200.4 | 79.47 | 200.4 | 76.82 | 186.7 | 71.60 |
|        | -11.8             | -13      | 208.2                     | 83.68 | 207.1 | 83.28 | 207.1 | 80.73 | 207.1 | 77.03 | 200.4 | 72.04 | 186.7 | 69.28 |
|        | -9.8              | -11      | 215.1                     | 83.25 | 215.1 | 80.42 | 214.2 | 78.04 | 207.2 | 72.09 | 200.4 | 68.27 | 186.7 | 66.84 |
|        | -9.5              | -10      | 216.2                     | 82.80 | 216.2 | 79.97 | 214.2 | 77.21 | 207.2 | 71.33 | 200.4 | 67.91 | 186.7 | 66.46 |
|        | -8.5              | -9.1     | 220.5                     | 81.33 | 220.5 | 78.54 | 214.2 | 74.38 | 207.2 | 69.10 | 200.4 | 66.71 | 186.7 | 65.23 |
|        | -7                | -7.6     | 230.6                     | 79.08 | 227.8 | 75.84 | 214.2 | 70.45 | 207.2 | 67.29 | 200.4 | 64.91 | 186.7 | 63.40 |
|        | -5                | -5.6     | 240.6                     | 76.10 | 227.8 | 70.40 | 214.2 | 67.93 | 207.2 | 64.86 | 200.4 | 62.53 | 186.7 | 60.97 |
|        | -3                | -3.7     | 241.5                     | 71.40 | 227.8 | 67.11 | 214.2 | 65.39 | 207.2 | 62.45 | 200.4 | 60.14 | 186.7 | 58.53 |
|        | 0                 | -0.7     | 241.5                     | 65.19 | 227.8 | 63.05 | 214.2 | 61.57 | 207.2 | 58.83 | 200.4 | 56.55 | 186.7 | 54.88 |
|        | 3                 | 2.2      | 241.5                     | 60.96 | 227.8 | 59.00 | 214.2 | 57.76 | 207.2 | 55.21 | 200.4 | 52.99 | 186.7 | 51.23 |
|        | 5                 | 4.1      | 241.5                     | 58.16 | 227.8 | 56.30 | 214.2 | 55.21 | 207.2 | 52.82 | 200.4 | 50.60 | 186.7 | 48.81 |
|        | 7                 | 6        | 241.5                     | 55.34 | 227.8 | 53.59 | 214.2 | 52.70 | 207.2 | 50.40 | 200.4 | 48.22 | 186.7 | 46.37 |
|        | 9                 | 7.9      | 241.5                     | 53.39 | 227.8 | 51.73 | 214.2 | 50.82 | 207.2 | 48.62 | 200.4 | 46.54 | 186.7 | 44.73 |
|        | 11                | 9.8      | 241.5                     | 51.92 | 227.8 | 50.29 | 214.2 | 49.42 | 207.2 | 47.25 | 200.4 | 45.22 | 186.7 | 43.49 |
|        | 13                | 11.8     | 241.5                     | 50.35 | 227.8 | 48.74 | 214.2 | 47.91 | 207.2 | 45.83 | 200.4 | 43.85 | 186.7 | 42.16 |
|        | 15                | 13.7     | 241.5                     | 48.65 | 227.8 | 47.12 | 214.2 | 46.31 | 207.2 | 44.30 | 200.4 | 42.39 | 186.7 | 40.76 |
| 90     | -30               | -30.2    | 81.70                     | 75.34 | 81.70 | 76.30 | 81.10 | 77.08 | 81.10 | 77.36 | 81.10 | 78.10 | 79.60 | 86.87 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 136.2                     | 77.06 | 136.2 | 78.08 | 135.3 | 78.82 | 135.3 | 79.14 | 135.3 | 79.84 | 132.7 | 80.90 |
|        | -21.8             | -22      | 166.9                     | 78.05 | 166.9 | 79.10 | 166.0 | 79.82 | 166.0 | 80.16 | 166.0 | 80.86 | 162.7 | 77.45 |
|        | -19.8             | -20      | 177.1                     | 78.73 | 177.1 | 79.78 | 175.9 | 80.51 | 175.9 | 80.85 | 175.9 | 78.51 | 170.6 | 74.33 |
|        | -18.8             | -19      | 181.6                     | 79.08 | 180.7 | 80.12 | 179.7 | 80.83 | 179.7 | 79.64 | 179.7 | 77.33 | 170.6 | 71.60 |
|        | -16.7             | -17      | 188.8                     | 79.79 | 188.8 | 80.82 | 188.0 | 78.34 | 188.0 | 77.10 | 183.9 | 73.19 | 170.6 | 67.94 |
|        | -15               | -15.9    | 195.3                     | 80.29 | 195.3 | 78.98 | 193.9 | 76.58 | 189.9 | 73.74 | 183.9 | 70.41 | 170.6 | 66.30 |
|        | -13.7             | -15      | 201.7                     | 80.80 | 201.7 | 77.11 | 196.0 | 73.32 | 189.9 | 69.86 | 183.9 | 67.71 | 170.6 | 64.68 |
|        | -11.8             | -13      | 208.2                     | 78.27 | 207.1 | 74.79 | 196.0 | 68.89 | 189.9 | 67.57 | 183.9 | 65.61 | 170.6 | 62.59 |
|        | -9.8              | -11      | 215.1                     | 75.62 | 208.0 | 69.96 | 196.0 | 66.58 | 189.9 | 65.26 | 183.9 | 63.39 | 170.6 | 60.42 |
|        | -9.5              | -10      | 216.2                     | 75.20 | 208.0 | 69.22 | 196.0 | 66.24 | 189.9 | 64.92 | 183.9 | 63.04 | 170.6 | 60.09 |
|        | -8.5              | -9.1     | 220.5                     | 73.89 | 208.0 | 67.20 | 196.0 | 65.11 | 189.9 | 63.79 | 183.9 | 61.94 | 170.6 | 59.00 |
|        | -7                | -7.6     | 221.1                     | 68.94 | 208.0 | 65.36 | 196.0 | 63.43 | 189.9 | 62.07 | 183.9 | 60.27 | 170.6 | 57.36 |
|        | -5                | -5.6     | 221.1                     | 65.71 | 208.0 | 63.05 | 196.0 | 61.20 | 189.9 | 59.80 | 183.9 | 58.07 | 170.6 | 55.22 |
|        | -3                | -3.7     | 221.1                     | 63.21 | 208.0 | 60.73 | 196.0 | 58.97 | 189.9 | 57.52 | 183.9 | 55.84 | 170.6 | 53.06 |
|        | 0                 | -0.7     | 221.1                     | 59.46 | 208.0 | 57.23 | 196.0 | 55.62 | 189.9 | 54.11 | 183.9 | 52.52 | 170.6 | 49.82 |
|        | 3                 | 2.2      | 221.1                     | 55.69 | 208.0 | 53.75 | 196.0 | 52.26 | 189.9 | 50.72 | 183.9 | 49.21 | 170.6 | 46.55 |
|        | 5                 | 4.1      | 221.1                     | 53.18 | 208.0 | 51.43 | 196.0 | 50.03 | 189.9 | 48.44 | 183.9 | 46.99 | 170.6 | 44.38 |
|        | 7                 | 6        | 221.1                     | 50.68 | 208.0 | 49.12 | 196.0 | 47.80 | 189.9 | 46.18 | 183.9 | 44.81 | 170.6 | 42.24 |
|        | 9                 | 7.9      | 221.1                     | 48.31 | 208.0 | 46.81 | 196.0 | 45.55 | 189.9 | 44.00 | 183.9 | 42.69 | 170.6 | 40.27 |
|        | 11                | 9.8      | 221.1                     | 45.94 | 208.0 | 44.52 | 196.0 | 43.32 | 189.9 | 41.84 | 183.9 | 40.60 | 170.6 | 38.28 |
|        | 13                | 11.8     | 221.1                     | 43.58 | 208.0 | 42.22 | 196.0 | 41.11 | 189.9 | 39.69 | 183.9 | 38.51 | 170.6 | 36.31 |
|        | 15                | 13.7     | 221.1                     | 41.21 | 208.0 | 39.95 | 196.0 | 38.85 | 189.9 | 37.53 | 183.9 | 36.41 | 170.6 | 34.34 |
| 80     | -30               | -30.2    | 81.30                     | 66.23 | 81.30 | 67.32 | 80.80 | 68.08 | 80.80 | 67.18 | 80.80 | 77.14 | 79.30 | 73.95 |
|        | -24.8             | -25      | 135.6                     | 68.02 | 135.6 | 69.07 | 134.7 | 69.81 | 134.7 | 70.15 | 134.7 | 71.87 | 132.1 | 68.86 |
|        | -21.8             | -22      | 165.2                     | 69.05 | 165.2 | 70.07 | 165.2 | 70.81 | 165.2 | 71.85 | 164.0 | 68.34 | 152.5 | 62.57 |
|        | -19.8             | -20      | 175.1                     | 69.72 | 175.1 | 70.76 | 175.0 | 71.78 | 170.0 | 67.66 | 164.0 | 63.39 | 152.5 | 60.69 |
|        | -18.8             | -19      | 179.1                     | 70.06 | 179.1 | 71.83 | 175.2 | 69.22 | 170.0 | 65.22 | 164.0 | 62.43 | 152.5 | 59.80 |
|        | -16.7             | -17      | 184.8                     | 71.81 | 184.8 | 69.57 | 175.2 | 64.98 | 170.0 | 63.00 | 164.0 | 60.43 | 152.5 | 57.87 |
|        | -15               | -15.9    | 189.0                     | 70.15 | 186.7 | 67.86 | 175.2 | 63.44 | 170.0 | 61.48 | 164.0 | 58.98 | 152.5 | 56.47 |
|        | -13.7             | -15      | 193.2                     | 68.48 | 186.7 | 65.44 | 175.2 | 61.90 | 170.0 | 59.95 | 164.0 | 57.54 | 152.5 | 55.08 |
|        | -11.8             | -13      | 197.9                     | 66.36 | 186.7 | 62.52 | 175.2 | 59.95 | 170.0 | 58.04 | 164.0 | 55.72 | 152.5 | 53.33 |
|        | -9.8              | -11      | 198.1                     | 62.56 | 186.7 | 59.63 | 175.2 | 57.90 | 170.0 | 56.00 | 164.0 | 53.78 | 152.5 | 51.47 |
|        | -9.5              | -10      | 198.1                     | 61.77 | 186.7 | 58.95 | 175.2 | 57.59 | 170.0 | 55.70 | 164.0 | 53.50 | 152.5 | 51.21 |
|        | -8.5              | -9.1     | 198.1                     | 60.11 | 186.7 | 57.67 | 175.2 | 56.56 | 170.0 | 54.69 | 164.0 | 52.57 | 152.5 | 50.30 |
|        | -7                | -7.6     | 198.1                     | 57.92 | 186.7 | 56.13 | 175.2 | 55.03 | 170.0 | 53.16 | 164.0 | 51.13 | 152.5 | 48.90 |
|        | -5                | -5.6     | 198.1                     | 55.82 | 186.7 | 54.13 | 175.2 | 52.97 | 170.0 | 51.16 | 164.0 | 49.20 | 152.5 | 47.07 |
|        | -3                | -3.7     | 198.1                     | 53.73 | 186.7 | 52.09 | 175.2 | 50.94 | 170.0 | 49.14 | 164.0 | 47.30 | 152.5 | 45.22 |
|        | 0                 | -0.7     | 198.1                     | 50.57 | 186.7 | 49.08 | 175.2 | 47.90 | 170.0 | 46.12 | 164.0 | 44.44 | 152.5 | 42.49 |
|        | 3                 | 2.2      | 198.1                     | 47.43 | 186.7 | 46.03 | 175.2 | 44.82 | 170.0 | 43.07 | 164.0 | 41.59 | 152.5 | 39.73 |
|        | 5                 | 4.1      | 198.1                     | 45.34 | 186.7 | 44.02 | 175.2 | 42.79 | 170.0 | 41.06 | 164.0 | 39.67 | 152.5 | 37.90 |
|        | 7                 | 6        | 198.1                     | 43.24 | 186.7 | 41.98 | 175.2 | 40.75 | 170.0 | 39.07 | 164.0 | 37.76 | 152.5 | 36.06 |
|        | 9                 | 7.9      | 198.1                     | 40.61 | 186.7 | 39.43 | 175.2 | 38.26 | 170.0 | 36.67 | 164.0 | 35.46 | 152.5 | 33.87 |
|        | 11                | 9.8      | 198.1                     | 37.68 | 186.7 | 36.59 | 175.2 | 35.52 | 170.0 | 34.03 | 164.0 | 32.91 | 152.5 | 31.43 |
|        | 13                | 11.8     | 198.1                     | 35.18 | 186.7 | 34.15 | 175.2 | 33.16 | 170.0 | 31.78 | 164.0 | 30.72 | 152.5 | 29.34 |
|        | 15                | 13.7     | 198.1                     | 33.11 | 186.7 | 32.14 | 175.2 | 31.19 | 170.0 | 29.90 | 164.0 | 28.91 | 152.5 | 27.61 |
| 70     | -30               | -30.2    | 81.30                     | 66.45 | 81.30 | 66.82 | 80.80 | 67.51 | 80.80 | 76.10 | 80.80 | 72.44 | 79.30 | 69.13 |
|        | -24.8             | -25      | 135.6                     | 68.24 | 135.6 | 68.59 | 134.7 | 69.29 | 134.7 | 70.34 | 134.7 | 67.04 | 130.6 | 63.21 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 158.2                     | 69.27 | 158.2 | 69.61 | 149.3 | 66.73 | 144.2 | 63.59 | 139.7 | 60.64 | 130.6 | 57.82 |
|        | -19.8             | -20      | 168.0                     | 67.75 | 158.5 | 66.70 | 149.3 | 64.50 | 144.2 | 61.49 | 139.7 | 58.69 | 130.6 | 55.90 |
|        | -18.8             | -19      | 168.0                     | 66.71 | 158.5 | 65.59 | 149.3 | 63.41 | 144.2 | 60.43 | 139.7 | 57.68 | 130.6 | 54.95 |
|        | -16.7             | -17      | 168.0                     | 64.33 | 158.5 | 63.16 | 149.3 | 61.09 | 144.2 | 58.21 | 139.7 | 55.64 | 130.6 | 52.94 |
|        | -15               | -15.9    | 168.0                     | 62.65 | 158.5 | 61.46 | 149.3 | 59.42 | 144.2 | 56.64 | 139.7 | 54.16 | 130.6 | 51.52 |
|        | -13.7             | -15      | 168.0                     | 60.95 | 158.5 | 59.74 | 149.3 | 57.76 | 144.2 | 55.08 | 139.7 | 52.67 | 130.6 | 50.08 |
|        | -11.8             | -13      | 168.0                     | 58.80 | 158.5 | 57.59 | 149.3 | 55.67 | 144.2 | 53.06 | 139.7 | 50.80 | 130.6 | 48.29 |
|        | -9.8              | -11      | 168.0                     | 56.56 | 158.5 | 55.28 | 149.3 | 53.47 | 144.2 | 50.97 | 139.7 | 48.85 | 130.6 | 46.38 |
|        | -9.5              | -10      | 168.0                     | 56.22 | 158.5 | 54.93 | 149.3 | 53.13 | 144.2 | 50.64 | 139.7 | 48.55 | 130.6 | 46.10 |
|        | -8.5              | -9.1     | 168.0                     | 55.10 | 158.5 | 53.81 | 149.3 | 52.03 | 144.2 | 49.59 | 139.7 | 47.55 | 130.6 | 45.14 |
|        | -7                | -7.6     | 168.0                     | 53.39 | 158.5 | 52.10 | 149.3 | 50.39 | 144.2 | 48.03 | 139.7 | 46.08 | 130.6 | 43.71 |
|        | -5                | -5.6     | 168.0                     | 51.16 | 158.5 | 49.83 | 149.3 | 48.16 | 144.2 | 45.94 | 139.7 | 44.13 | 130.6 | 41.83 |
|        | -3                | -3.7     | 168.0                     | 48.93 | 158.5 | 47.56 | 149.3 | 45.97 | 144.2 | 43.85 | 139.7 | 42.17 | 130.6 | 39.93 |
|        | 0                 | -0.7     | 168.0                     | 45.57 | 158.5 | 44.15 | 149.3 | 42.69 | 144.2 | 40.72 | 139.7 | 39.25 | 130.6 | 37.10 |
|        | 3                 | 2.2      | 168.0                     | 42.21 | 158.5 | 40.76 | 149.3 | 39.39 | 144.2 | 37.60 | 139.7 | 36.32 | 130.6 | 34.26 |
|        | 5                 | 4.1      | 168.0                     | 39.97 | 158.5 | 38.48 | 149.3 | 37.22 | 144.2 | 35.52 | 139.7 | 34.36 | 130.6 | 32.37 |
|        | 7                 | 6        | 168.0                     | 37.73 | 158.5 | 36.22 | 149.3 | 34.99 | 144.2 | 33.43 | 139.7 | 32.42 | 130.6 | 30.47 |
|        | 9                 | 7.9      | 168.0                     | 34.09 | 158.5 | 32.70 | 149.3 | 31.61 | 144.2 | 30.19 | 139.7 | 29.28 | 130.6 | 27.51 |
|        | 11                | 9.8      | 168.0                     | 31.73 | 158.5 | 30.44 | 149.3 | 29.43 | 144.2 | 28.11 | 139.7 | 27.26 | 130.6 | 25.61 |
|        | 13                | 11.8     | 168.0                     | 29.68 | 158.5 | 28.49 | 149.3 | 27.53 | 144.2 | 26.30 | 139.7 | 25.50 | 130.6 | 23.99 |
|        | 15                | 13.7     | 168.0                     | 28.00 | 158.5 | 26.85 | 149.3 | 25.97 | 144.2 | 24.77 | 139.7 | 24.04 | 130.6 | 22.60 |
| 60     | -30               | -30.2    | 81.00                     | 65.82 | 81.00 | 66.51 | 80.40 | 75.60 | 78.20 | 71.61 | 75.40 | 67.94 | 70.80 | 64.61 |
|        | -24.8             | -25      | 134.9                     | 67.61 | 134.9 | 68.30 | 128.0 | 66.26 | 123.6 | 62.44 | 119.3 | 59.28 | 111.9 | 56.30 |
|        | -21.8             | -22      | 144.2                     | 68.19 | 136.3 | 65.80 | 128.0 | 62.41 | 123.6 | 59.25 | 119.3 | 56.27 | 111.9 | 53.39 |
|        | -19.8             | -20      | 144.2                     | 65.78 | 136.3 | 63.40 | 128.0 | 60.14 | 123.6 | 57.12 | 119.3 | 54.27 | 111.9 | 51.46 |
|        | -18.8             | -19      | 144.2                     | 64.57 | 136.3 | 62.20 | 128.0 | 59.03 | 123.6 | 56.07 | 119.3 | 53.27 | 111.9 | 50.48 |
|        | -16.7             | -17      | 144.2                     | 62.03 | 136.3 | 59.68 | 128.0 | 56.64 | 123.6 | 53.83 | 119.3 | 51.18 | 111.9 | 48.45 |
|        | -15               | -15.9    | 144.2                     | 60.22 | 136.3 | 57.89 | 128.0 | 54.94 | 123.6 | 52.24 | 119.3 | 49.67 | 111.9 | 47.02 |
|        | -13.7             | -15      | 144.2                     | 58.41 | 136.3 | 56.11 | 128.0 | 53.26 | 123.6 | 50.65 | 119.3 | 48.19 | 111.9 | 45.57 |
|        | -11.8             | -13      | 144.2                     | 56.12 | 136.3 | 53.82 | 128.0 | 51.09 | 123.6 | 48.62 | 119.3 | 46.29 | 111.9 | 43.73 |
|        | -9.8              | -11      | 144.2                     | 53.71 | 136.3 | 51.42 | 128.0 | 48.84 | 123.6 | 46.52 | 119.3 | 44.29 | 111.9 | 41.81 |
|        | -9.5              | -10      | 144.2                     | 53.35 | 136.3 | 51.06 | 128.0 | 48.51 | 123.6 | 46.19 | 119.3 | 43.98 | 111.9 | 41.51 |
|        | -8.5              | -9.1     | 144.2                     | 52.15 | 136.3 | 49.87 | 128.0 | 47.39 | 123.6 | 45.14 | 119.3 | 42.99 | 111.9 | 40.54 |
|        | -7                | -7.6     | 144.2                     | 50.35 | 136.3 | 48.09 | 128.0 | 45.69 | 123.6 | 43.55 | 119.3 | 41.51 | 111.9 | 39.09 |
|        | -5                | -5.6     | 144.2                     | 47.92 | 136.3 | 45.69 | 128.0 | 43.44 | 123.6 | 41.45 | 119.3 | 39.52 | 111.9 | 37.19 |
|        | -3                | -3.7     | 144.2                     | 45.55 | 136.3 | 43.32 | 128.0 | 41.18 | 123.6 | 39.33 | 119.3 | 37.53 | 111.9 | 35.26 |
|        | 0                 | -0.7     | 144.2                     | 41.93 | 136.3 | 39.75 | 128.0 | 37.83 | 123.6 | 36.16 | 119.3 | 34.54 | 111.9 | 32.39 |
|        | 3                 | 2.2      | 144.2                     | 38.32 | 136.3 | 36.17 | 128.0 | 34.44 | 123.6 | 33.01 | 119.3 | 31.58 | 111.9 | 29.50 |
|        | 5                 | 4.1      | 144.2                     | 35.94 | 136.3 | 33.80 | 128.0 | 32.21 | 123.6 | 30.91 | 119.3 | 29.60 | 111.9 | 27.59 |
|        | 7                 | 6        | 144.2                     | 33.54 | 136.3 | 31.40 | 128.0 | 29.97 | 123.6 | 28.77 | 119.3 | 27.61 | 111.9 | 25.67 |
|        | 9                 | 7.9      | 144.2                     | 29.94 | 136.3 | 28.05 | 128.0 | 26.71 | 123.6 | 25.68 | 119.3 | 24.63 | 111.9 | 22.90 |
|        | 11                | 9.8      | 144.2                     | 27.92 | 136.3 | 26.18 | 128.0 | 24.95 | 123.6 | 23.98 | 119.3 | 23.01 | 111.9 | 21.39 |
|        | 13                | 11.8     | 144.2                     | 26.18 | 136.3 | 24.51 | 128.0 | 23.39 | 123.6 | 22.47 | 119.3 | 21.55 | 111.9 | 20.04 |
|        | 15                | 13.7     | 144.2                     | 24.73 | 136.3 | 23.17 | 128.0 | 22.08 | 123.6 | 21.22 | 119.3 | 20.36 | 111.9 | 18.95 |
| 50     | -30               | -30.2    | 76.00                     | 57.20 | 71.70 | 65.50 | 67.40 | 62.01 | 65.20 | 58.81 | 63.10 | 55.67 | 58.70 | 52.94 |
|        | -24.8             | -25      | 120.2                     | 55.97 | 113.4 | 56.96 | 106.6 | 53.98 | 103.2 | 51.20 | 99.70 | 48.58 | 92.70 | 46.12 |
|        | -21.8             | -22      | 120.2                     | 56.95 | 113.4 | 53.98 | 106.6 | 51.19 | 103.2 | 48.55 | 99.70 | 46.10 | 92.70 | 43.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 120.2                     | 54.86 | 113.4 | 51.97 | 106.6 | 49.32 | 103.2 | 46.77 | 99.70 | 44.45 | 92.70 | 42.13 |
|        | -18.8             | -19      | 120.2                     | 53.81 | 113.4 | 50.97 | 106.6 | 48.39 | 103.2 | 45.92 | 99.70 | 43.62 | 92.70 | 41.36 |
|        | -16.7             | -17      | 120.2                     | 51.64 | 113.4 | 48.89 | 106.6 | 46.45 | 103.2 | 44.05 | 99.70 | 41.91 | 92.70 | 39.69 |
|        | -15               | -15.9    | 120.2                     | 50.08 | 113.4 | 47.38 | 106.6 | 45.04 | 103.2 | 42.72 | 99.70 | 40.68 | 92.70 | 38.51 |
|        | -13.7             | -15      | 120.2                     | 48.52 | 113.4 | 45.90 | 106.6 | 43.64 | 103.2 | 41.41 | 99.70 | 39.44 | 92.70 | 37.32 |
|        | -11.8             | -13      | 120.2                     | 46.56 | 113.4 | 44.02 | 106.6 | 41.88 | 103.2 | 39.73 | 99.70 | 37.88 | 92.70 | 35.82 |
|        | -9.8              | -11      | 120.2                     | 44.49 | 113.4 | 42.02 | 106.6 | 40.01 | 103.2 | 37.95 | 99.70 | 36.22 | 92.70 | 34.22 |
|        | -9.5              | -10      | 120.2                     | 44.16 | 113.4 | 41.74 | 106.6 | 39.73 | 103.2 | 37.70 | 99.70 | 36.00 | 92.70 | 33.99 |
|        | -8.5              | -9.1     | 120.2                     | 43.12 | 113.4 | 40.74 | 106.6 | 38.80 | 103.2 | 36.82 | 99.70 | 35.17 | 92.70 | 33.19 |
|        | -7                | -7.6     | 120.2                     | 41.57 | 113.4 | 39.25 | 106.6 | 37.41 | 103.2 | 35.51 | 99.70 | 33.94 | 92.70 | 32.02 |
|        | -5                | -5.6     | 120.2                     | 39.49 | 113.4 | 37.27 | 106.6 | 35.57 | 103.2 | 33.76 | 99.70 | 32.30 | 92.70 | 30.43 |
|        | -3                | -3.7     | 120.2                     | 37.44 | 113.4 | 35.29 | 106.6 | 33.70 | 103.2 | 31.99 | 99.70 | 30.67 | 92.70 | 28.88 |
|        | 0                 | -0.7     | 120.2                     | 34.35 | 113.4 | 32.29 | 106.6 | 30.92 | 103.2 | 29.36 | 99.70 | 28.23 | 92.70 | 26.50 |
|        | 3                 | 2.2      | 120.2                     | 31.24 | 113.4 | 29.35 | 106.6 | 28.17 | 103.2 | 26.72 | 99.70 | 25.78 | 92.70 | 24.14 |
|        | 5                 | 4.1      | 120.2                     | 29.18 | 113.4 | 27.37 | 106.6 | 26.31 | 103.2 | 24.98 | 99.70 | 24.14 | 92.70 | 22.57 |
|        | 7                 | 6        | 120.2                     | 27.12 | 113.4 | 25.39 | 106.6 | 24.46 | 103.2 | 23.22 | 99.70 | 22.49 | 92.70 | 21.01 |
|        | 9                 | 7.9      | 120.2                     | 24.49 | 113.4 | 22.92 | 106.6 | 22.08 | 103.2 | 20.98 | 99.70 | 20.32 | 92.70 | 18.96 |
|        | 11                | 9.8      | 120.2                     | 22.90 | 113.4 | 21.44 | 106.6 | 20.65 | 103.2 | 19.63 | 99.70 | 19.01 | 92.70 | 17.74 |
|        | 13                | 11.8     | 120.2                     | 21.50 | 113.4 | 20.15 | 106.6 | 19.39 | 103.2 | 18.43 | 99.70 | 17.85 | 92.70 | 16.67 |
|        | 15                | 13.7     | 120.2                     | 20.35 | 113.4 | 19.04 | 106.6 | 18.37 | 103.2 | 17.43 | 99.70 | 16.90 | 92.70 | 15.76 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM700LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 88.90                     | 72.67 | 88.90 | 73.14 | 88.20 | 73.58 | 88.20 | 74.22 | 88.20 | 74.89 | 86.80 | 75.83 |
|        | -24.8             | -25      | 148.0                     | 74.12 | 148.0 | 74.59 | 147.0 | 75.02 | 147.0 | 75.67 | 147.0 | 76.30 | 144.8 | 77.25 |
|        | -21.8             | -22      | 178.1                     | 74.95 | 178.1 | 75.43 | 177.0 | 75.87 | 177.0 | 76.50 | 177.0 | 77.11 | 174.0 | 78.08 |
|        | -19.8             | -20      | 187.0                     | 75.51 | 187.0 | 75.99 | 185.7 | 76.40 | 185.7 | 77.05 | 185.7 | 77.65 | 182.6 | 78.62 |
|        | -18.8             | -19      | 190.9                     | 75.76 | 190.9 | 76.26 | 189.7 | 76.67 | 189.7 | 77.31 | 189.7 | 77.92 | 186.5 | 78.89 |
|        | -16.7             | -17      | 199.3                     | 76.36 | 199.3 | 76.83 | 198.0 | 77.25 | 198.0 | 77.88 | 198.0 | 78.47 | 194.7 | 79.46 |
|        | -15               | -15.9    | 205.3                     | 76.74 | 205.3 | 77.22 | 204.0 | 77.64 | 204.0 | 78.27 | 204.0 | 78.88 | 200.7 | 77.80 |
|        | -13.7             | -15      | 211.4                     | 77.17 | 211.4 | 77.63 | 210.2 | 78.05 | 210.2 | 78.68 | 210.2 | 79.31 | 206.6 | 76.17 |
|        | -11.8             | -13      | 218.3                     | 77.67 | 218.3 | 78.14 | 216.8 | 78.57 | 216.8 | 79.22 | 216.8 | 77.08 | 213.9 | 74.08 |
|        | -9.8              | -11      | 225.5                     | 78.21 | 225.5 | 78.70 | 224.1 | 79.11 | 224.1 | 76.86 | 224.1 | 74.78 | 221.3 | 71.93 |
|        | -9.5              | -10      | 226.8                     | 78.31 | 226.8 | 78.76 | 225.5 | 78.74 | 225.5 | 76.49 | 225.2 | 74.44 | 222.4 | 71.60 |
|        | -8.5              | -9.1     | 231.4                     | 78.57 | 231.4 | 79.05 | 229.9 | 77.52 | 229.9 | 75.33 | 228.6 | 73.28 | 226.4 | 70.52 |
|        | -7                | -7.6     | 238.4                     | 78.97 | 238.4 | 77.25 | 236.8 | 75.72 | 236.8 | 73.54 | 236.8 | 71.55 | 232.8 | 68.88 |
|        | -5                | -5.6     | 247.4                     | 76.73 | 247.4 | 74.98 | 245.9 | 73.42 | 245.9 | 71.30 | 245.9 | 69.33 | 240.4 | 66.82 |
|        | -3                | -3.7     | 256.7                     | 74.47 | 256.7 | 72.67 | 255.0 | 71.07 | 255.0 | 69.02 | 255.0 | 67.11 | 247.2 | 64.49 |
|        | 0                 | -0.7     | 270.1                     | 71.13 | 270.1 | 69.27 | 268.7 | 67.58 | 268.5 | 65.59 | 266.8 | 63.34 | 248.9 | 59.06 |
|        | 3                 | 2.2      | 282.2                     | 67.33 | 282.2 | 65.40 | 280.5 | 63.72 | 277.1 | 61.14 | 267.4 | 57.62 | 248.9 | 55.39 |
|        | 5                 | 4.1      | 285.0                     | 63.83 | 285.0 | 61.86 | 284.2 | 60.35 | 277.1 | 57.39 | 267.4 | 55.14 | 248.9 | 53.42 |
|        | 7                 | 6        | 285.0                     | 60.14 | 285.0 | 58.22 | 284.2 | 56.70 | 277.1 | 54.68 | 267.4 | 53.05 | 248.9 | 51.47 |
|        | 9                 | 7.9      | 285.0                     | 58.18 | 285.0 | 56.29 | 284.2 | 54.67 | 277.1 | 53.06 | 267.4 | 51.50 | 248.9 | 49.95 |
| 120    | 11                | 9.8      | 285.0                     | 56.92 | 285.0 | 55.07 | 284.2 | 53.50 | 277.1 | 51.92 | 267.4 | 50.39 | 248.9 | 48.88 |
|        | 13                | 11.8     | 285.0                     | 55.55 | 285.0 | 53.78 | 284.2 | 52.20 | 277.1 | 50.70 | 267.4 | 49.20 | 248.9 | 47.73 |
|        | 15                | 13.7     | 285.0                     | 54.13 | 285.0 | 52.38 | 284.2 | 50.85 | 277.1 | 49.40 | 267.4 | 47.92 | 248.9 | 46.47 |
|        | -30               | -30.2    | 88.20                     | 73.14 | 88.20 | 73.58 | 87.60 | 74.22 | 87.60 | 74.89 | 87.60 | 75.83 | 86.10 | 76.56 |
|        | -24.8             | -25      | 147.0                     | 74.59 | 147.0 | 75.02 | 146.0 | 75.67 | 146.0 | 76.30 | 146.0 | 77.25 | 143.5 | 77.95 |
|        | -21.8             | -22      | 177.0                     | 75.43 | 177.0 | 75.87 | 175.7 | 76.50 | 175.7 | 77.11 | 175.7 | 78.08 | 172.9 | 78.74 |
|        | -19.8             | -20      | 185.6                     | 75.99 | 185.6 | 76.40 | 184.4 | 77.05 | 184.4 | 77.65 | 184.4 | 78.62 | 181.3 | 79.27 |
|        | -18.8             | -19      | 189.6                     | 76.26 | 189.6 | 76.67 | 188.3 | 77.31 | 188.3 | 77.92 | 188.3 | 78.89 | 185.4 | 79.56 |
|        | -16.7             | -17      | 198.0                     | 76.83 | 198.0 | 77.25 | 196.7 | 77.88 | 196.7 | 78.47 | 196.7 | 79.46 | 193.3 | 77.42 |
|        | -15               | -15.9    | 203.9                     | 77.22 | 203.9 | 77.64 | 202.6 | 78.27 | 202.6 | 78.88 | 202.6 | 77.87 | 199.2 | 75.91 |
|        | -13.7             | -15      | 209.7                     | 77.63 | 209.7 | 78.05 | 208.5 | 78.68 | 208.5 | 79.31 | 208.5 | 76.28 | 205.2 | 74.42 |
|        | -11.8             | -13      | 216.7                     | 78.14 | 216.7 | 78.57 | 215.1 | 79.22 | 215.1 | 77.07 | 215.1 | 74.31 | 212.4 | 72.49 |
|        | -9.8              | -11      | 223.6                     | 78.70 | 223.6 | 79.11 | 222.3 | 76.76 | 222.3 | 74.74 | 222.3 | 72.21 | 219.9 | 70.51 |
|        | -9.5              | -10      | 225.4                     | 78.76 | 225.4 | 78.72 | 223.7 | 76.40 | 223.7 | 74.40 | 223.7 | 71.89 | 221.1 | 70.20 |
|        | -8.5              | -9.1     | 229.6                     | 79.05 | 229.6 | 77.41 | 228.4 | 75.16 | 228.4 | 73.23 | 228.2 | 70.86 | 225.3 | 69.20 |
|        | -7                | -7.6     | 236.5                     | 77.12 | 236.5 | 75.48 | 235.1 | 73.37 | 235.1 | 71.49 | 234.5 | 69.29 | 230.5 | 67.57 |
|        | -5                | -5.6     | 245.8                     | 74.61 | 245.8 | 72.98 | 244.0 | 70.99 | 244.0 | 69.23 | 244.0 | 67.29 | 233.8 | 64.36 |
|        | -3                | -3.7     | 254.8                     | 72.13 | 254.8 | 70.52 | 253.3 | 68.65 | 253.3 | 67.00 | 251.6 | 64.89 | 233.8 | 60.67 |
|        | 0                 | -0.7     | 268.4                     | 68.41 | 268.4 | 66.78 | 265.5 | 64.85 | 259.7 | 61.98 | 251.6 | 59.03 | 233.8 | 57.78 |
|        | 3                 | 2.2      | 280.3                     | 64.21 | 279.7 | 62.49 | 268.8 | 59.30 | 259.7 | 57.11 | 251.6 | 56.16 | 233.8 | 55.06 |
|        | 5                 | 4.1      | 282.8                     | 60.56 | 279.7 | 58.44 | 268.8 | 56.14 | 259.7 | 55.00 | 251.6 | 54.29 | 233.8 | 53.26 |
|        | 7                 | 6        | 282.8                     | 56.70 | 279.7 | 54.99 | 268.8 | 53.91 | 259.7 | 52.89 | 251.6 | 52.39 | 233.8 | 51.44 |
|        | 9                 | 7.9      | 282.8                     | 54.75 | 279.7 | 53.25 | 268.8 | 52.21 | 259.7 | 51.22 | 251.6 | 50.72 | 233.8 | 49.82 |
|        | 11                | 9.8      | 282.8                     | 53.44 | 279.7 | 51.98 | 268.8 | 50.95 | 259.7 | 49.99 | 251.6 | 49.51 | 233.8 | 48.64 |
|        | 13                | 11.8     | 282.8                     | 52.03 | 279.7 | 50.62 | 268.8 | 49.62 | 259.7 | 48.68 | 251.6 | 48.21 | 233.8 | 47.35 |
|        | 15                | 13.7     | 282.8                     | 50.54 | 279.7 | 49.16 | 268.8 | 48.20 | 259.7 | 47.28 | 251.6 | 46.82 | 233.8 | 45.99 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 87.80                     | 73.58 | 87.80 | 74.22 | 87.20 | 74.89 | 87.20 | 75.83 | 87.20 | 76.56 | 85.70 | 76.80 |
|        | -24.8             | -25      | 146.2                     | 75.02 | 146.2 | 75.67 | 145.3 | 76.30 | 145.3 | 77.25 | 145.3 | 77.95 | 142.8 | 78.24 |
|        | -21.8             | -22      | 175.9                     | 75.87 | 175.9 | 76.50 | 174.7 | 77.11 | 174.7 | 78.08 | 174.7 | 78.74 | 172.0 | 79.08 |
|        | -19.8             | -20      | 184.6                     | 76.40 | 184.6 | 77.05 | 183.5 | 77.65 | 183.5 | 78.62 | 183.5 | 79.27 | 180.2 | 79.61 |
|        | -18.8             | -19      | 188.4                     | 76.67 | 188.4 | 77.31 | 187.3 | 77.92 | 187.3 | 78.89 | 187.3 | 79.56 | 184.2 | 78.49 |
|        | -16.7             | -17      | 196.9                     | 77.25 | 196.9 | 77.88 | 195.4 | 78.47 | 195.4 | 79.46 | 195.4 | 77.27 | 192.2 | 76.16 |
|        | -15               | -15.9    | 202.7                     | 77.64 | 202.7 | 78.27 | 201.3 | 78.88 | 201.3 | 77.73 | 201.3 | 75.65 | 199.7 | 74.49 |
|        | -13.7             | -15      | 208.6                     | 78.05 | 208.6 | 78.68 | 207.2 | 79.31 | 207.2 | 76.01 | 207.2 | 74.03 | 207.2 | 72.85 |
|        | -11.8             | -13      | 215.3                     | 78.57 | 215.3 | 79.22 | 214.0 | 76.87 | 214.0 | 73.84 | 214.0 | 71.98 | 210.4 | 69.55 |
|        | -9.8              | -11      | 222.5                     | 79.11 | 222.5 | 76.50 | 221.2 | 74.34 | 221.2 | 71.56 | 221.2 | 69.82 | 210.4 | 65.68 |
|        | -9.5              | -10      | 223.7                     | 78.66 | 223.7 | 76.07 | 222.6 | 73.96 | 222.6 | 71.23 | 222.6 | 69.50 | 210.4 | 64.71 |
|        | -8.5              | -9.1     | 228.5                     | 77.21 | 228.5 | 74.71 | 227.1 | 72.71 | 227.1 | 70.07 | 225.3 | 67.89 | 210.4 | 63.57 |
|        | -7                | -7.6     | 235.4                     | 75.00 | 235.4 | 72.66 | 234.0 | 70.79 | 233.2 | 68.14 | 225.3 | 64.37 | 210.4 | 62.03 |
|        | -5                | -5.6     | 244.3                     | 72.17 | 244.3 | 70.06 | 241.1 | 67.90 | 233.2 | 63.57 | 225.3 | 61.32 | 210.4 | 60.02 |
|        | -3                | -3.7     | 253.3                     | 69.34 | 252.8 | 67.30 | 241.1 | 63.15 | 233.2 | 60.59 | 225.3 | 59.36 | 210.4 | 58.05 |
|        | 0                 | -0.7     | 266.0                     | 64.90 | 256.9 | 61.25 | 241.1 | 58.96 | 233.2 | 57.48 | 225.3 | 56.45 | 210.4 | 55.05 |
|        | 3                 | 2.2      | 271.9                     | 59.09 | 256.9 | 56.42 | 241.1 | 55.49 | 233.2 | 54.41 | 225.3 | 53.53 | 210.4 | 52.07 |
|        | 5                 | 4.1      | 271.9                     | 54.93 | 256.9 | 53.95 | 241.1 | 53.20 | 233.2 | 52.32 | 225.3 | 51.57 | 210.4 | 50.06 |
|        | 7                 | 6        | 271.9                     | 52.23 | 256.9 | 51.44 | 241.1 | 50.89 | 233.2 | 50.26 | 225.3 | 49.62 | 210.4 | 48.08 |
|        | 9                 | 7.9      | 271.9                     | 50.37 | 256.9 | 49.60 | 241.1 | 49.07 | 233.2 | 48.47 | 225.3 | 47.83 | 210.4 | 46.35 |
|        | 11                | 9.8      | 271.9                     | 48.93 | 256.9 | 48.20 | 241.1 | 47.65 | 233.2 | 47.06 | 225.3 | 46.45 | 210.4 | 45.02 |
|        | 13                | 11.8     | 271.9                     | 47.39 | 256.9 | 46.70 | 241.1 | 46.17 | 233.2 | 45.60 | 225.3 | 45.00 | 210.4 | 43.62 |
|        | 15                | 13.7     | 271.9                     | 45.76 | 256.9 | 45.08 | 241.1 | 44.57 | 233.2 | 44.03 | 225.3 | 43.47 | 210.4 | 42.11 |
| 100    | -30               | -30.2    | 87.20                     | 82.28 | 87.20 | 82.11 | 86.80 | 72.24 | 86.80 | 81.53 | 86.80 | 79.81 | 85.30 | 81.21 |
|        | -24.8             | -25      | 145.5                     | 81.47 | 145.5 | 81.27 | 144.8 | 76.18 | 144.8 | 80.72 | 144.8 | 80.52 | 142.1 | 80.40 |
|        | -21.8             | -22      | 175.0                     | 81.02 | 175.0 | 80.78 | 174.0 | 78.43 | 174.0 | 80.27 | 174.0 | 80.92 | 171.2 | 79.95 |
|        | -19.8             | -20      | 183.8                     | 80.68 | 183.8 | 80.46 | 182.5 | 79.83 | 182.5 | 79.92 | 182.5 | 80.02 | 179.6 | 79.61 |
|        | -18.8             | -19      | 187.7                     | 80.51 | 186.6 | 80.33 | 186.6 | 80.10 | 186.6 | 79.76 | 186.6 | 79.56 | 183.5 | 78.27 |
|        | -16.7             | -17      | 194.7                     | 80.20 | 194.7 | 79.97 | 194.7 | 80.66 | 193.7 | 79.46 | 193.7 | 76.80 | 190.5 | 75.49 |
|        | -15               | -15.9    | 201.3                     | 79.94 | 201.3 | 79.73 | 200.6 | 79.97 | 200.2 | 77.45 | 200.2 | 74.82 | 192.2 | 71.80 |
|        | -13.7             | -15      | 207.6                     | 79.71 | 207.6 | 79.51 | 206.4 | 79.31 | 206.4 | 75.45 | 206.4 | 72.86 | 192.2 | 67.69 |
|        | -11.8             | -13      | 214.2                     | 79.43 | 213.1 | 79.22 | 213.1 | 76.62 | 213.1 | 72.93 | 206.5 | 68.19 | 192.2 | 65.29 |
|        | -9.8              | -11      | 221.4                     | 79.11 | 221.4 | 76.21 | 220.5 | 73.82 | 213.5 | 68.04 | 206.5 | 64.17 | 192.2 | 62.78 |
|        | -9.5              | -10      | 222.6                     | 78.63 | 222.6 | 75.74 | 220.5 | 72.98 | 213.5 | 67.30 | 206.5 | 63.80 | 192.2 | 62.41 |
|        | -8.5              | -9.1     | 227.4                     | 77.07 | 227.4 | 74.27 | 220.5 | 70.16 | 213.5 | 64.88 | 206.5 | 62.55 | 192.2 | 61.15 |
|        | -7                | -7.6     | 237.8                     | 74.69 | 234.5 | 71.25 | 220.5 | 66.13 | 213.5 | 63.01 | 206.5 | 60.72 | 192.2 | 59.28 |
|        | -5                | -5.6     | 248.0                     | 71.54 | 234.5 | 65.92 | 220.5 | 63.57 | 213.5 | 60.59 | 206.5 | 58.34 | 192.2 | 56.88 |
|        | -3                | -3.7     | 248.8                     | 66.83 | 234.5 | 62.71 | 220.5 | 61.02 | 213.5 | 58.16 | 206.5 | 55.97 | 192.2 | 54.46 |
|        | 0                 | -0.7     | 248.8                     | 60.66 | 234.5 | 58.58 | 220.5 | 57.14 | 213.5 | 54.54 | 206.5 | 52.38 | 192.2 | 50.84 |
|        | 3                 | 2.2      | 248.8                     | 56.33 | 234.5 | 54.48 | 220.5 | 53.29 | 213.5 | 50.91 | 206.5 | 48.84 | 192.2 | 47.20 |
|        | 5                 | 4.1      | 248.8                     | 53.45 | 234.5 | 51.73 | 220.5 | 50.71 | 213.5 | 48.47 | 206.5 | 46.44 | 192.2 | 44.78 |
|        | 7                 | 6        | 248.8                     | 50.58 | 234.5 | 48.98 | 220.5 | 48.12 | 213.5 | 46.04 | 206.5 | 44.08 | 192.2 | 42.37 |
|        | 9                 | 7.9      | 248.8                     | 48.33 | 234.5 | 46.84 | 220.5 | 46.01 | 213.5 | 44.01 | 206.5 | 42.13 | 192.2 | 40.50 |
|        | 11                | 9.8      | 248.8                     | 46.52 | 234.5 | 45.05 | 220.5 | 44.28 | 213.5 | 42.34 | 206.5 | 40.51 | 192.2 | 38.96 |
|        | 13                | 11.8     | 248.8                     | 44.59 | 234.5 | 43.17 | 220.5 | 42.42 | 213.5 | 40.59 | 206.5 | 38.84 | 192.2 | 37.35 |
|        | 15                | 13.7     | 248.8                     | 42.53 | 234.5 | 41.20 | 220.5 | 40.46 | 213.5 | 38.73 | 206.5 | 37.04 | 192.2 | 35.63 |
| 90     | -30               | -30.2    | 87.10                     | 72.02 | 87.10 | 72.95 | 86.50 | 73.64 | 86.50 | 73.95 | 86.50 | 74.65 | 85.00 | 83.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 145.1                     | 73.44 | 145.1 | 74.41 | 144.2 | 75.09 | 144.2 | 75.41 | 144.2 | 76.06 | 141.7 | 77.03 |
|        | -21.8             | -22      | 174.3                     | 74.25 | 174.3 | 75.24 | 173.3 | 75.93 | 173.3 | 76.23 | 173.3 | 76.90 | 170.5 | 73.50 |
|        | -19.8             | -20      | 183.1                     | 74.84 | 183.1 | 75.77 | 181.8 | 76.47 | 181.8 | 76.79 | 181.8 | 74.48 | 175.7 | 69.88 |
|        | -18.8             | -19      | 187.7                     | 75.11 | 186.6 | 76.07 | 185.9 | 76.73 | 185.9 | 75.54 | 185.9 | 73.27 | 175.7 | 67.33 |
|        | -16.7             | -17      | 194.7                     | 75.68 | 194.7 | 76.63 | 193.9 | 74.16 | 193.9 | 72.94 | 189.3 | 69.11 | 175.7 | 63.97 |
|        | -15               | -15.9    | 201.3                     | 76.07 | 201.3 | 74.73 | 199.8 | 72.34 | 195.6 | 69.61 | 189.3 | 66.31 | 175.7 | 62.32 |
|        | -13.7             | -15      | 207.6                     | 76.48 | 207.6 | 72.81 | 201.7 | 69.13 | 195.6 | 65.86 | 189.3 | 63.61 | 175.7 | 60.68 |
|        | -11.8             | -13      | 214.2                     | 73.89 | 213.1 | 70.42 | 201.7 | 64.78 | 195.6 | 63.38 | 189.3 | 61.47 | 175.7 | 58.58 |
|        | -9.8              | -11      | 221.4                     | 71.16 | 214.2 | 65.69 | 201.7 | 62.30 | 195.6 | 61.05 | 189.3 | 59.24 | 175.7 | 56.41 |
|        | -9.5              | -10      | 222.6                     | 70.73 | 214.2 | 64.94 | 201.7 | 61.95 | 195.6 | 60.70 | 189.3 | 58.91 | 175.7 | 56.09 |
|        | -8.5              | -9.1     | 227.2                     | 69.32 | 214.2 | 62.93 | 201.7 | 60.82 | 195.6 | 59.56 | 189.3 | 57.78 | 175.7 | 54.98 |
|        | -7                | -7.6     | 227.8                     | 64.46 | 214.2 | 60.97 | 201.7 | 59.10 | 195.6 | 57.84 | 189.3 | 56.09 | 175.7 | 53.35 |
|        | -5                | -5.6     | 227.8                     | 61.26 | 214.2 | 58.68 | 201.7 | 56.90 | 195.6 | 55.59 | 189.3 | 53.93 | 175.7 | 51.26 |
|        | -3                | -3.7     | 227.8                     | 58.78 | 214.2 | 56.38 | 201.7 | 54.70 | 195.6 | 53.35 | 189.3 | 51.75 | 175.7 | 49.12 |
|        | 0                 | -0.7     | 227.8                     | 55.03 | 214.2 | 52.91 | 201.7 | 51.40 | 195.6 | 50.01 | 189.3 | 48.53 | 175.7 | 45.97 |
|        | 3                 | 2.2      | 227.8                     | 51.29 | 214.2 | 49.48 | 201.7 | 48.09 | 195.6 | 46.66 | 189.3 | 45.26 | 175.7 | 42.82 |
|        | 5                 | 4.1      | 227.8                     | 48.80 | 214.2 | 47.18 | 201.7 | 45.88 | 195.6 | 44.43 | 189.3 | 43.10 | 175.7 | 40.70 |
|        | 7                 | 6        | 227.8                     | 46.30 | 214.2 | 44.89 | 201.7 | 43.68 | 195.6 | 42.19 | 189.3 | 40.94 | 175.7 | 38.61 |
|        | 9                 | 7.9      | 227.8                     | 43.97 | 214.2 | 42.62 | 201.7 | 41.49 | 195.6 | 40.05 | 189.3 | 38.86 | 175.7 | 36.64 |
|        | 11                | 9.8      | 227.8                     | 41.63 | 214.2 | 40.36 | 201.7 | 39.27 | 195.6 | 37.94 | 189.3 | 36.80 | 175.7 | 34.71 |
|        | 13                | 11.8     | 227.8                     | 39.30 | 214.2 | 38.10 | 201.7 | 37.07 | 195.6 | 35.80 | 189.3 | 34.74 | 175.7 | 32.74 |
|        | 15                | 13.7     | 227.8                     | 36.97 | 214.2 | 35.82 | 201.7 | 34.86 | 195.6 | 33.65 | 189.3 | 32.65 | 175.7 | 30.82 |
| 80     | -30               | -30.2    | 86.50                     | 63.34 | 86.50 | 64.33 | 86.10 | 65.06 | 86.10 | 64.21 | 86.10 | 73.86 | 84.60 | 70.64 |
|        | -24.8             | -25      | 144.4                     | 64.83 | 144.4 | 65.82 | 143.4 | 66.51 | 143.4 | 66.81 | 143.4 | 68.45 | 141.0 | 65.47 |
|        | -21.8             | -22      | 172.6                     | 65.69 | 172.6 | 66.66 | 172.6 | 67.35 | 172.4 | 68.24 | 168.7 | 63.91 | 157.1 | 59.18 |
|        | -19.8             | -20      | 181.0                     | 66.26 | 181.0 | 67.22 | 180.2 | 67.92 | 175.0 | 63.90 | 168.7 | 59.97 | 157.1 | 57.28 |
|        | -18.8             | -19      | 185.2                     | 66.55 | 185.2 | 68.17 | 180.5 | 65.44 | 175.0 | 61.79 | 168.7 | 58.95 | 157.1 | 56.38 |
|        | -16.7             | -17      | 190.7                     | 68.10 | 190.7 | 65.86 | 180.5 | 61.34 | 175.0 | 59.42 | 168.7 | 56.89 | 157.1 | 54.42 |
|        | -15               | -15.9    | 194.9                     | 66.37 | 192.2 | 63.92 | 180.5 | 59.76 | 175.0 | 57.86 | 168.7 | 55.44 | 157.1 | 53.00 |
|        | -13.7             | -15      | 199.2                     | 64.67 | 192.2 | 61.50 | 180.5 | 58.20 | 175.0 | 56.31 | 168.7 | 53.99 | 157.1 | 51.61 |
|        | -11.8             | -13      | 204.0                     | 62.24 | 192.2 | 58.49 | 180.5 | 56.21 | 175.0 | 54.39 | 168.7 | 52.15 | 157.1 | 49.86 |
|        | -9.8              | -11      | 204.0                     | 58.42 | 192.2 | 55.67 | 180.5 | 54.16 | 175.0 | 52.34 | 168.7 | 50.22 | 157.1 | 48.01 |
|        | -9.5              | -10      | 204.0                     | 57.72 | 192.2 | 55.06 | 180.5 | 53.84 | 175.0 | 52.05 | 168.7 | 49.93 | 157.1 | 47.73 |
|        | -8.5              | -9.1     | 204.0                     | 56.14 | 192.2 | 53.87 | 180.5 | 52.81 | 175.0 | 51.02 | 168.7 | 48.96 | 157.1 | 46.82 |
|        | -7                | -7.6     | 204.0                     | 54.03 | 192.2 | 52.31 | 180.5 | 51.25 | 175.0 | 49.47 | 168.7 | 47.54 | 157.1 | 45.42 |
|        | -5                | -5.6     | 204.0                     | 51.94 | 192.2 | 50.34 | 180.5 | 49.26 | 175.0 | 47.52 | 168.7 | 45.65 | 157.1 | 43.66 |
|        | -3                | -3.7     | 204.0                     | 49.87 | 192.2 | 48.33 | 180.5 | 47.26 | 175.0 | 45.54 | 168.7 | 43.80 | 157.1 | 41.85 |
|        | 0                 | -0.7     | 204.0                     | 46.76 | 192.2 | 45.35 | 180.5 | 44.25 | 175.0 | 42.59 | 168.7 | 41.01 | 157.1 | 39.19 |
|        | 3                 | 2.2      | 204.0                     | 43.66 | 192.2 | 42.35 | 180.5 | 41.24 | 175.0 | 39.62 | 168.7 | 38.24 | 157.1 | 36.54 |
|        | 5                 | 4.1      | 204.0                     | 41.59 | 192.2 | 40.36 | 180.5 | 39.25 | 175.0 | 37.65 | 168.7 | 36.39 | 157.1 | 34.74 |
|        | 7                 | 6        | 204.0                     | 39.51 | 192.2 | 38.35 | 180.5 | 37.24 | 175.0 | 35.68 | 168.7 | 34.51 | 157.1 | 32.95 |
|        | 9                 | 7.9      | 204.0                     | 37.10 | 192.2 | 36.02 | 180.5 | 34.98 | 175.0 | 33.51 | 168.7 | 32.41 | 157.1 | 30.96 |
|        | 11                | 9.8      | 204.0                     | 34.44 | 192.2 | 33.44 | 180.5 | 32.47 | 175.0 | 31.09 | 168.7 | 30.08 | 157.1 | 28.73 |
|        | 13                | 11.8     | 204.0                     | 32.14 | 192.2 | 31.22 | 180.5 | 30.31 | 175.0 | 29.02 | 168.7 | 28.09 | 157.1 | 26.80 |
|        | 15                | 13.7     | 204.0                     | 30.27 | 192.2 | 29.37 | 180.5 | 28.52 | 175.0 | 27.33 | 168.7 | 26.44 | 157.1 | 25.23 |
| 70     | -30               | -30.2    | 86.50                     | 63.36 | 86.50 | 63.72 | 86.10 | 64.38 | 86.10 | 72.62 | 86.10 | 69.07 | 83.90 | 65.83 |
|        | -24.8             | -25      | 144.4                     | 64.87 | 144.4 | 65.18 | 143.4 | 65.85 | 143.4 | 66.80 | 142.3 | 63.15 | 134.3 | 58.14 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 163.4                     | 65.72 | 163.1 | 65.90 | 153.6 | 63.14 | 148.4 | 60.11 | 143.9 | 57.24 | 134.3 | 54.48 |
|        | -19.8             | -20      | 172.7                     | 65.02 | 163.4 | 63.05 | 153.6 | 60.91 | 148.4 | 57.98 | 143.9 | 55.28 | 134.3 | 52.59 |
|        | -18.8             | -19      | 172.9                     | 63.55 | 163.4 | 61.92 | 153.6 | 59.81 | 148.4 | 56.93 | 143.9 | 54.28 | 134.3 | 51.64 |
|        | -16.7             | -17      | 172.9                     | 60.65 | 163.4 | 59.49 | 153.6 | 57.48 | 148.4 | 54.73 | 143.9 | 52.23 | 134.3 | 49.65 |
|        | -15               | -15.9    | 172.9                     | 58.94 | 163.4 | 57.79 | 153.6 | 55.81 | 148.4 | 53.14 | 143.9 | 50.75 | 134.3 | 48.24 |
|        | -13.7             | -15      | 172.9                     | 57.24 | 163.4 | 56.09 | 153.6 | 54.18 | 148.4 | 51.58 | 143.9 | 49.30 | 134.3 | 46.83 |
|        | -11.8             | -13      | 172.9                     | 55.08 | 163.4 | 53.91 | 153.6 | 52.09 | 148.4 | 49.60 | 143.9 | 47.44 | 134.3 | 45.04 |
|        | -9.8              | -11      | 172.9                     | 52.86 | 163.4 | 51.64 | 153.6 | 49.91 | 148.4 | 47.53 | 143.9 | 45.49 | 134.3 | 43.16 |
|        | -9.5              | -10      | 172.9                     | 52.50 | 163.4 | 51.30 | 153.6 | 49.57 | 148.4 | 47.22 | 143.9 | 45.21 | 134.3 | 42.88 |
|        | -8.5              | -9.1     | 172.9                     | 51.38 | 163.4 | 50.18 | 153.6 | 48.48 | 148.4 | 46.18 | 143.9 | 44.23 | 134.3 | 41.96 |
|        | -7                | -7.6     | 172.9                     | 49.71 | 163.4 | 48.49 | 153.6 | 46.84 | 148.4 | 44.63 | 143.9 | 42.79 | 134.3 | 40.54 |
|        | -5                | -5.6     | 172.9                     | 47.53 | 163.4 | 46.28 | 153.6 | 44.71 | 148.4 | 42.61 | 143.9 | 40.90 | 134.3 | 38.75 |
|        | -3                | -3.7     | 172.9                     | 45.36 | 163.4 | 44.09 | 153.6 | 42.60 | 148.4 | 40.59 | 143.9 | 39.01 | 134.3 | 36.93 |
|        | 0                 | -0.7     | 172.9                     | 42.09 | 163.4 | 40.79 | 153.6 | 39.42 | 148.4 | 37.59 | 143.9 | 36.18 | 134.3 | 34.21 |
|        | 3                 | 2.2      | 172.9                     | 38.82 | 163.4 | 37.49 | 153.6 | 36.22 | 148.4 | 34.55 | 143.9 | 33.38 | 134.3 | 31.47 |
|        | 5                 | 4.1      | 172.9                     | 36.66 | 163.4 | 35.29 | 153.6 | 34.12 | 148.4 | 32.57 | 143.9 | 31.48 | 134.3 | 29.67 |
|        | 7                 | 6        | 172.9                     | 34.47 | 163.4 | 33.09 | 153.6 | 31.98 | 148.4 | 30.55 | 143.9 | 29.62 | 134.3 | 27.85 |
|        | 9                 | 7.9      | 172.9                     | 31.15 | 163.4 | 29.90 | 153.6 | 28.87 | 148.4 | 27.57 | 143.9 | 26.74 | 134.3 | 25.15 |
|        | 11                | 9.8      | 172.9                     | 29.00 | 163.4 | 27.82 | 153.6 | 26.90 | 148.4 | 25.68 | 143.9 | 24.91 | 134.3 | 23.40 |
|        | 13                | 11.8     | 172.9                     | 27.14 | 163.4 | 26.03 | 153.6 | 25.16 | 148.4 | 24.02 | 143.9 | 23.30 | 134.3 | 21.91 |
|        | 15                | 13.7     | 172.9                     | 25.59 | 163.4 | 24.54 | 153.6 | 23.73 | 148.4 | 22.65 | 143.9 | 21.96 | 134.3 | 20.65 |
| 60     | -30               | -30.2    | 84.10                     | 62.68 | 84.10 | 63.33 | 83.50 | 72.08 | 80.70 | 68.20 | 77.90 | 64.59 | 72.90 | 61.40 |
|        | -24.8             | -25      | 139.9                     | 64.18 | 139.8 | 64.77 | 131.7 | 62.34 | 127.3 | 59.06 | 122.9 | 55.99 | 115.1 | 53.13 |
|        | -21.8             | -22      | 148.4                     | 64.36 | 140.4 | 62.21 | 131.7 | 58.95 | 127.3 | 55.89 | 122.9 | 53.04 | 115.1 | 50.25 |
|        | -19.8             | -20      | 148.4                     | 62.13 | 140.4 | 59.83 | 131.7 | 56.70 | 127.3 | 53.77 | 122.9 | 51.03 | 115.1 | 48.35 |
|        | -18.8             | -19      | 148.4                     | 60.92 | 140.4 | 58.63 | 131.7 | 55.59 | 127.3 | 52.74 | 122.9 | 50.05 | 115.1 | 47.38 |
|        | -16.7             | -17      | 148.4                     | 58.39 | 140.4 | 56.13 | 131.7 | 53.21 | 127.3 | 50.53 | 122.9 | 47.99 | 115.1 | 45.40 |
|        | -15               | -15.9    | 148.4                     | 56.60 | 140.4 | 54.35 | 131.7 | 51.54 | 127.3 | 48.97 | 122.9 | 46.50 | 115.1 | 43.97 |
|        | -13.7             | -15      | 148.4                     | 54.81 | 140.4 | 52.59 | 131.7 | 49.87 | 127.3 | 47.40 | 122.9 | 45.04 | 115.1 | 42.55 |
|        | -11.8             | -13      | 148.4                     | 52.54 | 140.4 | 50.34 | 131.7 | 47.74 | 127.3 | 45.41 | 122.9 | 43.18 | 115.1 | 40.77 |
|        | -9.8              | -11      | 148.4                     | 50.14 | 140.4 | 47.97 | 131.7 | 45.54 | 127.3 | 43.33 | 122.9 | 41.22 | 115.1 | 38.88 |
|        | -9.5              | -10      | 148.4                     | 49.78 | 140.4 | 47.63 | 131.7 | 45.22 | 127.3 | 43.01 | 122.9 | 40.92 | 115.1 | 38.59 |
|        | -8.5              | -9.1     | 148.4                     | 48.60 | 140.4 | 46.47 | 131.7 | 44.11 | 127.3 | 42.00 | 122.9 | 39.96 | 115.1 | 37.66 |
|        | -7                | -7.6     | 148.4                     | 46.84 | 140.4 | 44.72 | 131.7 | 42.44 | 127.3 | 40.44 | 122.9 | 38.49 | 115.1 | 36.25 |
|        | -5                | -5.6     | 148.4                     | 44.51 | 140.4 | 42.42 | 131.7 | 40.31 | 127.3 | 38.42 | 122.9 | 36.60 | 115.1 | 34.43 |
|        | -3                | -3.7     | 148.4                     | 42.22 | 140.4 | 40.14 | 131.7 | 38.15 | 127.3 | 36.39 | 122.9 | 34.69 | 115.1 | 32.60 |
|        | 0                 | -0.7     | 148.4                     | 38.73 | 140.4 | 36.69 | 131.7 | 34.91 | 127.3 | 33.37 | 122.9 | 31.86 | 115.1 | 29.85 |
|        | 3                 | 2.2      | 148.4                     | 35.28 | 140.4 | 33.28 | 131.7 | 31.67 | 127.3 | 30.34 | 122.9 | 29.01 | 115.1 | 27.11 |
|        | 5                 | 4.1      | 148.4                     | 32.97 | 140.4 | 31.00 | 131.7 | 29.54 | 127.3 | 28.32 | 122.9 | 27.13 | 115.1 | 25.28 |
|        | 7                 | 6        | 148.4                     | 30.65 | 140.4 | 28.70 | 131.7 | 27.38 | 127.3 | 26.29 | 122.9 | 25.23 | 115.1 | 23.45 |
|        | 9                 | 7.9      | 148.4                     | 27.35 | 140.4 | 25.62 | 131.7 | 24.41 | 127.3 | 23.49 | 122.9 | 22.51 | 115.1 | 20.92 |
|        | 11                | 9.8      | 148.4                     | 25.53 | 140.4 | 23.91 | 131.7 | 22.79 | 127.3 | 21.93 | 122.9 | 21.02 | 115.1 | 19.55 |
|        | 13                | 11.8     | 148.4                     | 23.91 | 140.4 | 22.38 | 131.7 | 21.37 | 127.3 | 20.54 | 122.9 | 19.69 | 115.1 | 18.31 |
|        | 15                | 13.7     | 148.4                     | 22.59 | 140.4 | 21.17 | 131.7 | 20.20 | 127.3 | 19.38 | 122.9 | 18.62 | 115.1 | 17.32 |
| 50     | -30               | -30.2    | 78.50                     | 54.69 | 74.00 | 62.63 | 69.40 | 59.27 | 67.40 | 56.11 | 65.00 | 53.06 | 60.70 | 50.41 |
|        | -24.8             | -25      | 123.8                     | 53.20 | 116.8 | 54.11 | 109.8 | 51.22 | 106.3 | 48.53 | 102.6 | 45.98 | 95.60 | 43.59 |
|        | -21.8             | -22      | 123.8                     | 54.01 | 116.8 | 51.14 | 109.8 | 48.42 | 106.3 | 45.88 | 102.6 | 43.52 | 95.60 | 41.22 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 123.8                     | 51.92 | 116.8 | 49.14 | 109.8 | 46.56 | 106.3 | 44.12 | 102.6 | 41.88 | 95.60 | 39.64 |
|        | -18.8             | -19      | 123.8                     | 50.89 | 116.8 | 48.13 | 109.8 | 45.67 | 106.3 | 43.25 | 102.6 | 41.07 | 95.60 | 38.90 |
|        | -16.7             | -17      | 123.8                     | 48.72 | 116.8 | 46.09 | 109.8 | 43.70 | 106.3 | 41.40 | 102.6 | 39.34 | 95.60 | 37.24 |
|        | -15               | -15.9    | 123.8                     | 47.17 | 116.8 | 44.57 | 109.8 | 42.32 | 106.3 | 40.09 | 102.6 | 38.12 | 95.60 | 36.05 |
|        | -13.7             | -15      | 123.8                     | 45.61 | 116.8 | 43.09 | 109.8 | 40.93 | 106.3 | 38.79 | 102.6 | 36.91 | 95.60 | 34.89 |
|        | -11.8             | -13      | 123.8                     | 43.65 | 116.8 | 41.25 | 109.8 | 39.19 | 106.3 | 37.15 | 102.6 | 35.37 | 95.60 | 33.43 |
|        | -9.8              | -11      | 123.8                     | 41.61 | 116.8 | 39.27 | 109.8 | 37.35 | 106.3 | 35.41 | 102.6 | 33.76 | 95.60 | 31.87 |
|        | -9.5              | -10      | 123.8                     | 41.30 | 116.8 | 38.99 | 109.8 | 37.07 | 106.3 | 35.16 | 102.6 | 33.53 | 95.60 | 31.64 |
|        | -8.5              | -9.1     | 123.8                     | 40.28 | 116.8 | 38.00 | 109.8 | 36.18 | 106.3 | 34.31 | 102.6 | 32.73 | 95.60 | 30.87 |
|        | -7                | -7.6     | 123.8                     | 38.72 | 116.8 | 36.55 | 109.8 | 34.81 | 106.3 | 32.99 | 102.6 | 31.51 | 95.60 | 29.71 |
|        | -5                | -5.6     | 123.8                     | 36.73 | 116.8 | 34.65 | 109.8 | 33.03 | 106.3 | 31.33 | 102.6 | 29.96 | 95.60 | 28.21 |
|        | -3                | -3.7     | 123.8                     | 34.76 | 116.8 | 32.74 | 109.8 | 31.23 | 106.3 | 29.63 | 102.6 | 28.38 | 95.60 | 26.69 |
|        | 0                 | -0.7     | 123.8                     | 31.76 | 116.8 | 29.85 | 109.8 | 28.57 | 106.3 | 27.12 | 102.6 | 26.04 | 95.60 | 24.45 |
|        | 3                 | 2.2      | 123.8                     | 28.75 | 116.8 | 27.01 | 109.8 | 25.90 | 106.3 | 24.58 | 102.6 | 23.69 | 95.60 | 22.19 |
|        | 5                 | 4.1      | 123.8                     | 26.76 | 116.8 | 25.10 | 109.8 | 24.14 | 106.3 | 22.89 | 102.6 | 22.14 | 95.60 | 20.69 |
|        | 7                 | 6        | 123.8                     | 24.77 | 116.8 | 23.19 | 109.8 | 22.36 | 106.3 | 21.21 | 102.6 | 20.55 | 95.60 | 19.20 |
|        | 9                 | 7.9      | 123.8                     | 22.38 | 116.8 | 20.93 | 109.8 | 20.19 | 106.3 | 19.18 | 102.6 | 18.57 | 95.60 | 17.34 |
|        | 11                | 9.8      | 123.8                     | 20.93 | 116.8 | 19.58 | 109.8 | 18.88 | 106.3 | 17.93 | 102.6 | 17.38 | 95.60 | 16.20 |
|        | 13                | 11.8     | 123.8                     | 19.65 | 116.8 | 18.40 | 109.8 | 17.72 | 106.3 | 16.84 | 102.6 | 16.31 | 95.60 | 15.23 |
|        | 15                | 13.7     | 123.8                     | 18.60 | 116.8 | 17.42 | 109.8 | 16.77 | 106.3 | 15.92 | 102.6 | 15.45 | 95.60 | 14.39 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM720LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 90.30                     | 76.55 | 90.30 | 76.98 | 89.60 | 77.39 | 89.60 | 77.96 | 89.60 | 78.58 | 88.10 | 79.41 |
|        | -24.8             | -25      | 150.3                     | 77.83 | 150.3 | 78.26 | 149.3 | 78.64 | 149.3 | 79.24 | 149.3 | 79.80 | 147.1 | 80.64 |
|        | -21.8             | -22      | 182.1                     | 78.56 | 182.1 | 78.99 | 181.0 | 79.40 | 181.0 | 79.96 | 181.0 | 80.50 | 177.9 | 81.38 |
|        | -19.8             | -20      | 191.8                     | 79.05 | 191.8 | 79.49 | 190.4 | 79.86 | 190.4 | 80.43 | 190.4 | 80.98 | 187.3 | 81.85 |
|        | -18.8             | -19      | 195.9                     | 79.26 | 195.9 | 79.72 | 194.7 | 80.09 | 194.7 | 80.66 | 194.7 | 81.21 | 191.3 | 82.08 |
|        | -16.7             | -17      | 204.7                     | 79.79 | 204.7 | 80.22 | 203.5 | 80.60 | 203.5 | 81.16 | 203.5 | 81.68 | 200.0 | 82.58 |
|        | -15               | -15.9    | 210.9                     | 80.12 | 210.9 | 80.55 | 209.8 | 80.93 | 209.8 | 81.49 | 209.8 | 82.04 | 206.3 | 80.91 |
|        | -13.7             | -15      | 217.4                     | 80.51 | 217.4 | 80.91 | 216.3 | 81.29 | 216.3 | 81.85 | 216.3 | 82.43 | 212.5 | 79.27 |
|        | -11.8             | -13      | 224.6                     | 80.93 | 224.6 | 81.36 | 222.9 | 81.76 | 222.9 | 82.33 | 222.9 | 80.19 | 220.2 | 77.17 |
|        | -9.8              | -11      | 231.9                     | 81.41 | 231.9 | 81.85 | 230.6 | 82.22 | 230.6 | 79.98 | 230.6 | 77.88 | 227.9 | 75.00 |
|        | -9.5              | -10      | 233.3                     | 81.49 | 233.3 | 81.89 | 231.9 | 81.84 | 231.9 | 79.62 | 231.7 | 77.54 | 229.0 | 74.68 |
|        | -8.5              | -9.1     | 238.1                     | 81.72 | 238.1 | 82.15 | 236.4 | 80.63 | 236.4 | 78.44 | 235.1 | 76.38 | 233.3 | 73.58 |
|        | -7                | -7.6     | 245.3                     | 82.07 | 245.3 | 80.38 | 243.5 | 78.85 | 243.5 | 76.66 | 243.5 | 74.65 | 240.0 | 71.94 |
|        | -5                | -5.6     | 254.4                     | 79.88 | 254.4 | 78.14 | 252.9 | 76.57 | 252.9 | 74.44 | 252.9 | 72.43 | 248.0 | 69.87 |
|        | -3                | -3.7     | 263.9                     | 77.68 | 263.9 | 75.86 | 262.3 | 74.24 | 262.3 | 72.16 | 262.3 | 70.20 | 255.1 | 67.52 |
|        | 0                 | -0.7     | 277.7                     | 74.43 | 277.7 | 72.53 | 276.3 | 70.77 | 276.1 | 68.74 | 274.4 | 66.43 | 256.0 | 61.71 |
|        | 3                 | 2.2      | 290.1                     | 70.71 | 290.1 | 68.71 | 288.4 | 66.96 | 285.1 | 64.31 | 275.0 | 60.60 | 256.0 | 58.26 |
|        | 5                 | 4.1      | 293.1                     | 67.22 | 293.1 | 65.15 | 292.3 | 63.58 | 285.1 | 60.49 | 275.0 | 58.07 | 256.0 | 56.27 |
|        | 7                 | 6        | 293.1                     | 63.50 | 293.1 | 61.47 | 292.3 | 59.87 | 285.1 | 57.71 | 275.0 | 55.99 | 256.0 | 54.32 |
|        | 9                 | 7.9      | 293.1                     | 61.54 | 293.1 | 59.55 | 292.3 | 57.84 | 285.1 | 56.14 | 275.0 | 54.48 | 256.0 | 52.84 |
| 120    | 11                | 9.8      | 293.1                     | 60.37 | 293.1 | 58.42 | 292.3 | 56.76 | 285.1 | 55.07 | 275.0 | 53.44 | 256.0 | 51.84 |
|        | 13                | 11.8     | 293.1                     | 59.09 | 293.1 | 57.22 | 292.3 | 55.53 | 285.1 | 53.94 | 275.0 | 52.33 | 256.0 | 50.77 |
|        | 15                | 13.7     | 293.1                     | 57.77 | 293.1 | 55.90 | 292.3 | 54.25 | 285.1 | 52.71 | 275.0 | 51.13 | 256.0 | 49.58 |
|        | -30               | -30.2    | 89.60                     | 76.98 | 89.60 | 77.39 | 88.90 | 77.96 | 88.90 | 78.58 | 88.90 | 79.41 | 87.40 | 80.09 |
|        | -24.8             | -25      | 149.3                     | 78.26 | 149.3 | 78.64 | 148.2 | 79.24 | 148.2 | 79.80 | 148.2 | 80.64 | 145.7 | 81.29 |
|        | -21.8             | -22      | 181.0                     | 78.99 | 181.0 | 79.40 | 179.6 | 79.96 | 179.6 | 80.50 | 179.6 | 81.38 | 176.8 | 81.97 |
|        | -19.8             | -20      | 190.4                     | 79.49 | 190.4 | 79.86 | 189.3 | 80.43 | 189.3 | 80.98 | 189.3 | 81.85 | 185.9 | 82.43 |
|        | -18.8             | -19      | 194.7                     | 79.72 | 194.7 | 80.09 | 193.3 | 80.66 | 193.3 | 81.21 | 193.3 | 82.08 | 190.2 | 82.69 |
|        | -16.7             | -17      | 203.5                     | 80.22 | 203.5 | 80.60 | 202.1 | 81.16 | 202.1 | 81.68 | 202.1 | 82.58 | 198.6 | 80.53 |
|        | -15               | -15.9    | 209.7                     | 80.55 | 209.7 | 80.93 | 208.3 | 81.49 | 208.3 | 82.04 | 208.3 | 80.98 | 204.8 | 79.01 |
|        | -13.7             | -15      | 215.6                     | 80.91 | 215.6 | 81.29 | 214.5 | 81.85 | 214.5 | 82.43 | 214.5 | 79.38 | 211.1 | 77.51 |
|        | -11.8             | -13      | 222.8                     | 81.36 | 222.8 | 81.76 | 221.3 | 82.33 | 221.3 | 80.18 | 221.3 | 77.41 | 218.6 | 75.57 |
|        | -9.8              | -11      | 230.0                     | 81.85 | 230.0 | 82.22 | 228.6 | 79.87 | 228.6 | 77.84 | 228.6 | 75.31 | 226.5 | 73.58 |
|        | -9.5              | -10      | 231.9                     | 81.89 | 231.9 | 81.83 | 230.1 | 79.52 | 230.1 | 77.50 | 230.1 | 74.98 | 227.7 | 73.27 |
|        | -8.5              | -9.1     | 236.1                     | 82.15 | 236.1 | 80.52 | 234.9 | 78.28 | 234.9 | 76.34 | 234.9 | 73.94 | 232.2 | 72.25 |
|        | -7                | -7.6     | 243.2                     | 80.24 | 243.2 | 78.59 | 241.8 | 76.48 | 241.8 | 74.58 | 241.6 | 72.37 | 237.5 | 70.62 |
|        | -5                | -5.6     | 252.9                     | 77.75 | 252.9 | 76.11 | 250.8 | 74.10 | 250.8 | 72.32 | 250.8 | 70.37 | 240.5 | 67.15 |
|        | -3                | -3.7     | 262.0                     | 75.29 | 262.0 | 73.66 | 260.5 | 71.77 | 260.5 | 70.08 | 258.8 | 67.98 | 240.5 | 63.36 |
|        | 0                 | -0.7     | 275.9                     | 71.61 | 275.9 | 69.94 | 272.9 | 67.97 | 267.1 | 65.03 | 258.8 | 61.96 | 240.5 | 60.65 |
|        | 3                 | 2.2      | 288.2                     | 67.45 | 287.7 | 65.68 | 276.5 | 62.34 | 267.1 | 60.04 | 258.8 | 59.07 | 240.5 | 57.92 |
|        | 5                 | 4.1      | 290.9                     | 63.80 | 287.7 | 61.56 | 276.5 | 59.12 | 267.1 | 57.93 | 258.8 | 57.20 | 240.5 | 56.12 |
|        | 7                 | 6        | 290.9                     | 59.85 | 287.7 | 58.03 | 276.5 | 56.89 | 267.1 | 55.82 | 258.8 | 55.29 | 240.5 | 54.29 |
|        | 9                 | 7.9      | 290.9                     | 57.92 | 287.7 | 56.33 | 276.5 | 55.23 | 267.1 | 54.17 | 258.8 | 53.64 | 240.5 | 52.70 |
|        | 11                | 9.8      | 290.9                     | 56.68 | 287.7 | 55.12 | 276.5 | 54.02 | 267.1 | 53.00 | 258.8 | 52.50 | 240.5 | 51.58 |
|        | 13                | 11.8     | 290.9                     | 55.32 | 287.7 | 53.83 | 276.5 | 52.77 | 267.1 | 51.76 | 258.8 | 51.26 | 240.5 | 50.34 |
|        | 15                | 13.7     | 290.9                     | 53.90 | 287.7 | 52.43 | 276.5 | 51.41 | 267.1 | 50.43 | 258.8 | 49.94 | 240.5 | 49.05 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 89.20                     | 77.39 | 89.20 | 77.96 | 88.60 | 78.58 | 88.60 | 79.41 | 88.60 | 80.09 | 87.00 | 80.28 |
|        | -24.8             | -25      | 148.5                     | 78.64 | 148.5 | 79.24 | 147.5 | 79.80 | 147.5 | 80.64 | 147.5 | 81.29 | 145.0 | 81.55 |
|        | -21.8             | -22      | 179.7                     | 79.40 | 179.7 | 79.96 | 178.6 | 80.50 | 178.6 | 81.38 | 178.6 | 81.97 | 175.8 | 82.28 |
|        | -19.8             | -20      | 189.3                     | 79.86 | 189.3 | 80.43 | 188.3 | 80.98 | 188.3 | 81.85 | 188.3 | 82.43 | 184.8 | 82.73 |
|        | -18.8             | -19      | 193.3                     | 80.09 | 193.3 | 80.66 | 192.2 | 81.21 | 192.2 | 82.08 | 192.2 | 82.69 | 189.1 | 81.60 |
|        | -16.7             | -17      | 202.4                     | 80.60 | 202.4 | 81.16 | 200.7 | 81.68 | 200.7 | 82.58 | 200.7 | 80.38 | 197.5 | 79.25 |
|        | -15               | -15.9    | 208.4                     | 80.93 | 208.4 | 81.49 | 206.9 | 82.04 | 206.9 | 80.84 | 206.9 | 78.74 | 205.3 | 77.55 |
|        | -13.7             | -15      | 214.6                     | 81.29 | 214.6 | 81.85 | 213.1 | 82.43 | 213.1 | 79.10 | 213.1 | 77.11 | 213.1 | 75.89 |
|        | -11.8             | -13      | 221.4                     | 81.76 | 221.4 | 82.33 | 220.2 | 79.97 | 220.2 | 76.92 | 220.2 | 75.03 | 216.4 | 72.49 |
|        | -9.8              | -11      | 228.9                     | 82.22 | 228.9 | 79.59 | 227.5 | 77.42 | 227.5 | 74.61 | 227.5 | 72.86 | 216.4 | 68.44 |
|        | -9.5              | -10      | 230.1                     | 81.76 | 230.1 | 79.16 | 229.0 | 77.03 | 229.0 | 74.29 | 229.0 | 72.53 | 216.4 | 67.55 |
|        | -8.5              | -9.1     | 235.0                     | 80.31 | 235.0 | 77.79 | 233.5 | 75.78 | 233.5 | 73.12 | 231.8 | 70.94 | 216.4 | 66.40 |
|        | -7                | -7.6     | 242.1                     | 78.09 | 242.1 | 75.73 | 240.7 | 73.84 | 239.8 | 71.14 | 231.8 | 67.27 | 216.4 | 64.85 |
|        | -5                | -5.6     | 251.2                     | 75.25 | 251.2 | 73.12 | 248.0 | 70.93 | 239.8 | 66.46 | 231.8 | 64.16 | 216.4 | 62.81 |
|        | -3                | -3.7     | 260.5                     | 72.42 | 260.0 | 70.35 | 248.0 | 66.10 | 239.8 | 63.45 | 231.8 | 62.19 | 216.4 | 60.82 |
|        | 0                 | -0.7     | 273.4                     | 67.96 | 264.2 | 64.20 | 248.0 | 61.82 | 239.8 | 60.30 | 231.8 | 59.24 | 216.4 | 57.77 |
|        | 3                 | 2.2      | 279.7                     | 62.12 | 264.2 | 59.28 | 248.0 | 58.33 | 239.8 | 57.22 | 231.8 | 56.31 | 216.4 | 54.77 |
|        | 5                 | 4.1      | 279.7                     | 57.82 | 264.2 | 56.81 | 248.0 | 56.04 | 239.8 | 55.10 | 231.8 | 54.34 | 216.4 | 52.74 |
|        | 7                 | 6        | 279.7                     | 55.11 | 264.2 | 54.29 | 248.0 | 53.71 | 239.8 | 53.04 | 231.8 | 52.36 | 216.4 | 50.73 |
|        | 9                 | 7.9      | 279.7                     | 53.28 | 264.2 | 52.46 | 248.0 | 51.90 | 239.8 | 51.26 | 231.8 | 50.58 | 216.4 | 49.02 |
|        | 11                | 9.8      | 279.7                     | 51.87 | 264.2 | 51.10 | 248.0 | 50.53 | 239.8 | 49.89 | 231.8 | 49.25 | 216.4 | 47.73 |
|        | 13                | 11.8     | 279.7                     | 50.38 | 264.2 | 49.65 | 248.0 | 49.08 | 239.8 | 48.48 | 231.8 | 47.84 | 216.4 | 46.37 |
|        | 15                | 13.7     | 279.7                     | 48.79 | 264.2 | 48.06 | 248.0 | 47.52 | 239.8 | 46.96 | 231.8 | 46.34 | 216.4 | 44.89 |
| 100    | -30               | -30.2    | 88.60                     | 87.90 | 88.60 | 87.50 | 88.20 | 75.70 | 88.20 | 86.31 | 88.20 | 84.01 | 86.60 | 85.61 |
|        | -24.8             | -25      | 147.8                     | 86.44 | 147.8 | 86.01 | 147.1 | 79.80 | 147.1 | 84.85 | 147.1 | 84.40 | 144.3 | 84.15 |
|        | -21.8             | -22      | 178.9                     | 85.62 | 178.9 | 85.13 | 177.9 | 82.15 | 177.9 | 84.03 | 177.9 | 84.61 | 175.0 | 83.33 |
|        | -19.8             | -20      | 188.6                     | 85.02 | 188.6 | 84.56 | 187.2 | 83.61 | 187.2 | 83.43 | 187.2 | 83.33 | 184.1 | 82.73 |
|        | -18.8             | -19      | 192.6                     | 84.72 | 191.5 | 84.31 | 191.5 | 83.85 | 191.5 | 83.14 | 191.5 | 82.69 | 188.4 | 81.38 |
|        | -16.7             | -17      | 200.0                     | 84.17 | 200.0 | 83.69 | 200.0 | 84.33 | 198.9 | 82.58 | 198.9 | 79.88 | 195.7 | 78.54 |
|        | -15               | -15.9    | 206.9                     | 83.71 | 206.9 | 83.26 | 206.2 | 83.36 | 205.8 | 80.55 | 205.8 | 77.86 | 197.7 | 74.80 |
|        | -13.7             | -15      | 213.5                     | 83.29 | 213.5 | 82.86 | 212.3 | 82.43 | 212.3 | 78.52 | 212.3 | 75.87 | 197.7 | 70.52 |
|        | -11.8             | -13      | 220.3                     | 82.78 | 219.2 | 82.33 | 219.2 | 79.71 | 219.2 | 75.96 | 212.4 | 71.07 | 197.7 | 68.06 |
|        | -9.8              | -11      | 227.8                     | 82.22 | 227.8 | 79.29 | 226.8 | 76.88 | 219.6 | 70.93 | 212.4 | 66.95 | 197.7 | 65.51 |
|        | -9.5              | -10      | 229.0                     | 81.73 | 229.0 | 78.81 | 226.8 | 76.02 | 219.6 | 70.18 | 212.4 | 66.57 | 197.7 | 65.14 |
|        | -8.5              | -9.1     | 233.9                     | 80.16 | 233.9 | 77.33 | 226.8 | 73.10 | 219.6 | 67.69 | 212.4 | 65.30 | 197.7 | 63.84 |
|        | -7                | -7.6     | 244.6                     | 77.77 | 241.2 | 74.28 | 226.8 | 68.98 | 219.6 | 65.78 | 212.4 | 63.43 | 197.7 | 61.94 |
|        | -5                | -5.6     | 255.0                     | 74.59 | 241.2 | 68.82 | 226.8 | 66.40 | 219.6 | 63.34 | 212.4 | 61.02 | 197.7 | 59.50 |
|        | -3                | -3.7     | 255.9                     | 69.81 | 241.2 | 65.55 | 226.8 | 63.83 | 219.6 | 60.88 | 212.4 | 58.60 | 197.7 | 57.03 |
|        | 0                 | -0.7     | 255.9                     | 63.52 | 241.2 | 61.38 | 226.8 | 59.90 | 219.6 | 57.21 | 212.4 | 54.96 | 197.7 | 53.34 |
|        | 3                 | 2.2      | 255.9                     | 59.15 | 241.2 | 57.25 | 226.8 | 56.01 | 219.6 | 53.52 | 212.4 | 51.36 | 197.7 | 49.64 |
|        | 5                 | 4.1      | 255.9                     | 56.26 | 241.2 | 54.46 | 226.8 | 53.40 | 219.6 | 51.06 | 212.4 | 48.92 | 197.7 | 47.17 |
|        | 7                 | 6        | 255.9                     | 53.37 | 241.2 | 51.69 | 226.8 | 50.79 | 219.6 | 48.59 | 212.4 | 46.52 | 197.7 | 44.71 |
|        | 9                 | 7.9      | 255.9                     | 51.28 | 241.2 | 49.71 | 226.8 | 48.82 | 219.6 | 46.70 | 212.4 | 44.71 | 197.7 | 42.97 |
|        | 11                | 9.8      | 255.9                     | 49.67 | 241.2 | 48.09 | 226.8 | 47.28 | 219.6 | 45.19 | 212.4 | 43.25 | 197.7 | 41.59 |
|        | 13                | 11.8     | 255.9                     | 47.93 | 241.2 | 46.41 | 226.8 | 45.61 | 219.6 | 43.64 | 212.4 | 41.75 | 197.7 | 40.15 |
|        | 15                | 13.7     | 255.9                     | 46.07 | 241.2 | 44.63 | 226.8 | 43.83 | 219.6 | 41.97 | 212.4 | 40.13 | 197.7 | 38.61 |
| 90     | -30               | -30.2    | 88.50                     | 76.09 | 88.50 | 76.90 | 87.80 | 77.52 | 87.80 | 77.79 | 87.80 | 78.45 | 86.30 | 86.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 147.4                     | 77.31 | 147.4 | 78.18 | 146.4 | 78.80 | 146.4 | 79.07 | 146.4 | 79.67 | 143.9 | 80.54 |
|        | -21.8             | -22      | 178.2                     | 78.01 | 178.2 | 78.91 | 177.2 | 79.53 | 177.2 | 79.79 | 177.2 | 80.40 | 174.3 | 76.88 |
|        | -19.8             | -20      | 187.9                     | 78.54 | 187.9 | 79.37 | 186.5 | 80.01 | 186.5 | 80.29 | 186.5 | 77.91 | 180.7 | 73.31 |
|        | -18.8             | -19      | 192.6                     | 78.77 | 191.5 | 79.64 | 190.8 | 80.22 | 190.8 | 78.99 | 190.8 | 76.65 | 180.7 | 70.60 |
|        | -16.7             | -17      | 200.0                     | 79.27 | 200.0 | 80.11 | 199.2 | 77.57 | 199.2 | 76.31 | 194.7 | 72.38 | 180.7 | 66.99 |
|        | -15               | -15.9    | 206.9                     | 79.60 | 206.9 | 78.16 | 205.4 | 75.70 | 201.2 | 72.89 | 194.7 | 69.46 | 180.7 | 65.29 |
|        | -13.7             | -15      | 213.5                     | 79.96 | 213.5 | 76.18 | 207.4 | 72.34 | 201.2 | 68.96 | 194.7 | 66.63 | 180.7 | 63.59 |
|        | -11.8             | -13      | 220.3                     | 77.30 | 219.2 | 73.72 | 207.4 | 67.81 | 201.2 | 66.40 | 194.7 | 64.41 | 180.7 | 61.41 |
|        | -9.8              | -11      | 227.8                     | 74.49 | 220.3 | 68.78 | 207.4 | 65.30 | 201.2 | 63.99 | 194.7 | 62.12 | 180.7 | 59.16 |
|        | -9.5              | -10      | 229.0                     | 74.04 | 220.3 | 68.00 | 207.4 | 64.93 | 201.2 | 63.62 | 194.7 | 61.78 | 180.7 | 58.83 |
|        | -8.5              | -9.1     | 233.7                     | 72.59 | 220.3 | 65.95 | 207.4 | 63.77 | 201.2 | 62.46 | 194.7 | 60.60 | 180.7 | 57.68 |
|        | -7                | -7.6     | 234.3                     | 67.54 | 220.3 | 63.94 | 207.4 | 61.99 | 201.2 | 60.68 | 194.7 | 58.85 | 180.7 | 55.99 |
|        | -5                | -5.6     | 234.3                     | 64.25 | 220.3 | 61.58 | 207.4 | 59.72 | 201.2 | 58.35 | 194.7 | 56.63 | 180.7 | 53.84 |
|        | -3                | -3.7     | 234.3                     | 61.70 | 220.3 | 59.20 | 207.4 | 57.45 | 201.2 | 56.04 | 194.7 | 54.37 | 180.7 | 51.62 |
|        | 0                 | -0.7     | 234.3                     | 57.85 | 220.3 | 55.62 | 207.4 | 54.06 | 201.2 | 52.59 | 194.7 | 51.04 | 180.7 | 48.37 |
|        | 3                 | 2.2      | 234.3                     | 53.99 | 220.3 | 52.11 | 207.4 | 50.64 | 201.2 | 49.14 | 194.7 | 47.66 | 180.7 | 45.09 |
|        | 5                 | 4.1      | 234.3                     | 51.42 | 220.3 | 49.73 | 207.4 | 48.36 | 201.2 | 46.83 | 194.7 | 45.44 | 180.7 | 42.90 |
|        | 7                 | 6        | 234.3                     | 48.87 | 220.3 | 47.38 | 207.4 | 46.10 | 201.2 | 44.53 | 194.7 | 43.21 | 180.7 | 40.75 |
|        | 9                 | 7.9      | 234.3                     | 46.46 | 220.3 | 45.03 | 207.4 | 43.83 | 201.2 | 42.30 | 194.7 | 41.06 | 180.7 | 38.71 |
|        | 11                | 9.8      | 234.3                     | 44.04 | 220.3 | 42.70 | 207.4 | 41.55 | 201.2 | 40.14 | 194.7 | 38.93 | 180.7 | 36.73 |
|        | 13                | 11.8     | 234.3                     | 41.65 | 220.3 | 40.38 | 207.4 | 39.28 | 201.2 | 37.94 | 194.7 | 36.81 | 180.7 | 34.69 |
|        | 15                | 13.7     | 234.3                     | 39.24 | 220.3 | 38.03 | 207.4 | 36.99 | 201.2 | 35.71 | 194.7 | 34.65 | 180.7 | 32.71 |
| 80     | -30               | -30.2    | 87.80                     | 66.99 | 87.80 | 67.89 | 87.50 | 68.57 | 87.50 | 67.77 | 87.50 | 77.17 | 85.90 | 73.85 |
|        | -24.8             | -25      | 146.7                     | 68.31 | 146.7 | 69.21 | 145.7 | 69.83 | 145.7 | 70.09 | 145.7 | 71.57 | 143.2 | 68.49 |
|        | -21.8             | -22      | 176.4                     | 69.07 | 176.4 | 69.94 | 176.4 | 70.56 | 176.4 | 71.43 | 173.5 | 67.26 | 161.6 | 61.95 |
|        | -19.8             | -20      | 185.7                     | 69.57 | 185.7 | 70.43 | 185.4 | 71.20 | 180.0 | 66.99 | 173.5 | 62.76 | 161.6 | 59.97 |
|        | -18.8             | -19      | 190.1                     | 69.83 | 190.1 | 71.28 | 185.7 | 68.56 | 180.0 | 64.64 | 173.5 | 61.72 | 161.6 | 59.04 |
|        | -16.7             | -17      | 196.2                     | 71.21 | 196.2 | 68.90 | 185.7 | 64.19 | 180.0 | 62.20 | 173.5 | 59.58 | 161.6 | 57.01 |
|        | -15               | -15.9    | 200.5                     | 69.42 | 197.7 | 66.89 | 185.7 | 62.56 | 180.0 | 60.58 | 173.5 | 58.07 | 161.6 | 55.54 |
|        | -13.7             | -15      | 204.9                     | 67.66 | 197.7 | 64.38 | 185.7 | 60.94 | 180.0 | 58.98 | 173.5 | 56.58 | 161.6 | 54.10 |
|        | -11.8             | -13      | 209.9                     | 65.28 | 197.7 | 61.35 | 185.7 | 58.89 | 180.0 | 57.01 | 173.5 | 54.67 | 161.6 | 52.29 |
|        | -9.8              | -11      | 209.9                     | 61.30 | 197.7 | 58.40 | 185.7 | 56.77 | 180.0 | 54.88 | 173.5 | 52.68 | 161.6 | 50.38 |
|        | -9.5              | -10      | 209.9                     | 60.55 | 197.7 | 57.77 | 185.7 | 56.44 | 180.0 | 54.58 | 173.5 | 52.38 | 161.6 | 50.08 |
|        | -8.5              | -9.1     | 209.9                     | 58.90 | 197.7 | 56.49 | 185.7 | 55.37 | 180.0 | 53.51 | 173.5 | 51.37 | 161.6 | 49.15 |
|        | -7                | -7.6     | 209.9                     | 56.66 | 197.7 | 54.86 | 185.7 | 53.77 | 180.0 | 51.91 | 173.5 | 49.90 | 161.6 | 47.68 |
|        | -5                | -5.6     | 209.9                     | 54.50 | 197.7 | 52.85 | 185.7 | 51.70 | 180.0 | 49.90 | 173.5 | 47.94 | 161.6 | 45.87 |
|        | -3                | -3.7     | 209.9                     | 52.37 | 197.7 | 50.77 | 185.7 | 49.65 | 180.0 | 47.84 | 173.5 | 46.02 | 161.6 | 43.99 |
|        | 0                 | -0.7     | 209.9                     | 49.17 | 197.7 | 47.69 | 185.7 | 46.53 | 180.0 | 44.80 | 173.5 | 43.14 | 161.6 | 41.23 |
|        | 3                 | 2.2      | 209.9                     | 45.97 | 197.7 | 44.59 | 185.7 | 43.42 | 180.0 | 41.72 | 173.5 | 40.28 | 161.6 | 38.49 |
|        | 5                 | 4.1      | 209.9                     | 43.84 | 197.7 | 42.55 | 185.7 | 41.37 | 180.0 | 39.69 | 173.5 | 38.36 | 161.6 | 36.62 |
|        | 7                 | 6        | 209.9                     | 41.69 | 197.7 | 40.47 | 185.7 | 39.30 | 180.0 | 37.65 | 173.5 | 36.41 | 161.6 | 34.77 |
|        | 9                 | 7.9      | 209.9                     | 39.15 | 197.7 | 38.01 | 185.7 | 36.91 | 180.0 | 35.37 | 173.5 | 34.20 | 161.6 | 32.67 |
|        | 11                | 9.8      | 209.9                     | 36.34 | 197.7 | 35.30 | 185.7 | 34.27 | 180.0 | 32.81 | 173.5 | 31.74 | 161.6 | 30.32 |
|        | 13                | 11.8     | 209.9                     | 33.92 | 197.7 | 32.95 | 185.7 | 31.99 | 180.0 | 30.63 | 173.5 | 29.64 | 161.6 | 28.28 |
|        | 15                | 13.7     | 209.9                     | 31.95 | 197.7 | 30.99 | 185.7 | 30.10 | 180.0 | 28.85 | 173.5 | 27.90 | 161.6 | 26.61 |
| 70     | -30               | -30.2    | 87.80                     | 66.78 | 87.80 | 67.14 | 87.50 | 67.72 | 87.50 | 75.88 | 87.50 | 72.21 | 85.80 | 68.84 |
|        | -24.8             | -25      | 146.7                     | 68.11 | 146.7 | 68.40 | 145.7 | 69.01 | 145.7 | 69.85 | 145.6 | 66.51 | 138.2 | 61.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 168.1                     | 68.87 | 167.8 | 69.01 | 158.0 | 66.04 | 152.6 | 62.89 | 148.0 | 59.91 | 138.2 | 57.06 |
|        | -19.8             | -20      | 177.8                     | 67.65 | 168.1 | 65.93 | 158.0 | 63.73 | 152.6 | 60.69 | 148.0 | 57.90 | 138.2 | 55.09 |
|        | -18.8             | -19      | 177.8                     | 65.97 | 168.1 | 64.78 | 158.0 | 62.59 | 152.6 | 59.59 | 148.0 | 56.84 | 138.2 | 54.10 |
|        | -16.7             | -17      | 177.8                     | 63.46 | 168.1 | 62.25 | 158.0 | 60.17 | 152.6 | 57.32 | 148.0 | 54.72 | 138.2 | 52.03 |
|        | -15               | -15.9    | 177.8                     | 61.69 | 168.1 | 60.49 | 158.0 | 58.44 | 152.6 | 55.67 | 148.0 | 53.18 | 138.2 | 50.56 |
|        | -13.7             | -15      | 177.8                     | 59.93 | 168.1 | 58.73 | 158.0 | 56.75 | 152.6 | 54.05 | 148.0 | 51.68 | 138.2 | 49.10 |
|        | -11.8             | -13      | 177.8                     | 57.69 | 168.1 | 56.48 | 158.0 | 54.59 | 152.6 | 52.00 | 148.0 | 49.74 | 138.2 | 47.24 |
|        | -9.8              | -11      | 177.8                     | 55.40 | 168.1 | 54.11 | 158.0 | 52.32 | 152.6 | 49.84 | 148.0 | 47.72 | 138.2 | 45.29 |
|        | -9.5              | -10      | 177.8                     | 55.03 | 168.1 | 53.77 | 158.0 | 51.96 | 152.6 | 49.52 | 148.0 | 47.43 | 138.2 | 45.00 |
|        | -8.5              | -9.1     | 177.8                     | 53.86 | 168.1 | 52.60 | 158.0 | 50.84 | 152.6 | 48.44 | 148.0 | 46.41 | 138.2 | 44.05 |
|        | -7                | -7.6     | 177.8                     | 52.13 | 168.1 | 50.87 | 158.0 | 49.15 | 152.6 | 46.83 | 148.0 | 44.91 | 138.2 | 42.56 |
|        | -5                | -5.6     | 177.8                     | 49.88 | 168.1 | 48.56 | 158.0 | 46.92 | 152.6 | 44.74 | 148.0 | 42.96 | 138.2 | 40.72 |
|        | -3                | -3.7     | 177.8                     | 47.64 | 168.1 | 46.31 | 158.0 | 44.75 | 152.6 | 42.65 | 148.0 | 40.99 | 138.2 | 38.82 |
|        | 0                 | -0.7     | 177.8                     | 44.26 | 168.1 | 42.89 | 158.0 | 41.45 | 152.6 | 39.54 | 148.0 | 38.06 | 138.2 | 36.00 |
|        | 3                 | 2.2      | 177.8                     | 40.87 | 168.1 | 39.47 | 158.0 | 38.14 | 152.6 | 36.39 | 148.0 | 35.16 | 138.2 | 33.15 |
|        | 5                 | 4.1      | 177.8                     | 38.65 | 168.1 | 37.19 | 158.0 | 35.97 | 152.6 | 34.33 | 148.0 | 33.18 | 138.2 | 31.29 |
|        | 7                 | 6        | 177.8                     | 36.37 | 168.1 | 34.92 | 158.0 | 33.74 | 152.6 | 32.24 | 148.0 | 31.27 | 138.2 | 29.39 |
|        | 9                 | 7.9      | 177.8                     | 32.88 | 168.1 | 31.56 | 158.0 | 30.46 | 152.6 | 29.10 | 148.0 | 28.21 | 138.2 | 26.54 |
|        | 11                | 9.8      | 177.8                     | 30.60 | 168.1 | 29.36 | 158.0 | 28.39 | 152.6 | 27.11 | 148.0 | 26.29 | 138.2 | 24.69 |
|        | 13                | 11.8     | 177.8                     | 28.64 | 168.1 | 27.47 | 158.0 | 26.54 | 152.6 | 25.36 | 148.0 | 24.58 | 138.2 | 23.12 |
|        | 15                | 13.7     | 177.8                     | 27.00 | 168.1 | 25.90 | 158.0 | 25.04 | 152.6 | 23.90 | 148.0 | 23.16 | 138.2 | 21.80 |
| 60     | -30               | -30.2    | 86.50                     | 66.11 | 86.50 | 66.68 | 85.90 | 75.41 | 83.00 | 71.39 | 80.10 | 67.64 | 75.00 | 64.32 |
|        | -24.8             | -25      | 143.9                     | 67.43 | 143.8 | 67.94 | 135.4 | 65.27 | 131.0 | 61.86 | 126.4 | 58.67 | 118.4 | 55.69 |
|        | -21.8             | -22      | 152.6                     | 67.45 | 144.4 | 65.13 | 135.4 | 61.75 | 131.0 | 58.56 | 126.4 | 55.59 | 118.4 | 52.69 |
|        | -19.8             | -20      | 152.6                     | 65.05 | 144.4 | 62.66 | 135.4 | 59.40 | 131.0 | 56.35 | 126.4 | 53.49 | 118.4 | 50.71 |
|        | -18.8             | -19      | 152.6                     | 63.79 | 144.4 | 61.42 | 135.4 | 58.26 | 131.0 | 55.29 | 126.4 | 52.48 | 118.4 | 49.69 |
|        | -16.7             | -17      | 152.6                     | 61.17 | 144.4 | 58.81 | 135.4 | 55.77 | 131.0 | 52.98 | 126.4 | 50.34 | 118.4 | 47.63 |
|        | -15               | -15.9    | 152.6                     | 59.31 | 144.4 | 56.96 | 135.4 | 54.03 | 131.0 | 51.35 | 126.4 | 48.78 | 118.4 | 46.14 |
|        | -13.7             | -15      | 152.6                     | 57.45 | 144.4 | 55.14 | 135.4 | 52.29 | 131.0 | 49.72 | 126.4 | 47.26 | 118.4 | 44.66 |
|        | -11.8             | -13      | 152.6                     | 55.10 | 144.4 | 52.79 | 135.4 | 50.07 | 131.0 | 47.65 | 126.4 | 45.31 | 118.4 | 42.79 |
|        | -9.8              | -11      | 152.6                     | 52.59 | 144.4 | 50.32 | 135.4 | 47.79 | 131.0 | 45.48 | 126.4 | 43.28 | 118.4 | 40.83 |
|        | -9.5              | -10      | 152.6                     | 52.22 | 144.4 | 49.96 | 135.4 | 47.46 | 131.0 | 45.15 | 126.4 | 42.96 | 118.4 | 40.53 |
|        | -8.5              | -9.1     | 152.6                     | 50.99 | 144.4 | 48.76 | 135.4 | 46.30 | 131.0 | 44.10 | 126.4 | 41.97 | 118.4 | 39.56 |
|        | -7                | -7.6     | 152.6                     | 49.17 | 144.4 | 46.94 | 135.4 | 44.56 | 131.0 | 42.47 | 126.4 | 40.44 | 118.4 | 38.08 |
|        | -5                | -5.6     | 152.6                     | 46.74 | 144.4 | 44.55 | 135.4 | 42.35 | 131.0 | 40.37 | 126.4 | 38.46 | 118.4 | 36.19 |
|        | -3                | -3.7     | 152.6                     | 44.37 | 144.4 | 42.19 | 135.4 | 40.10 | 131.0 | 38.26 | 126.4 | 36.47 | 118.4 | 34.28 |
|        | 0                 | -0.7     | 152.6                     | 40.74 | 144.4 | 38.59 | 135.4 | 36.73 | 131.0 | 35.11 | 126.4 | 33.53 | 118.4 | 31.42 |
|        | 3                 | 2.2      | 152.6                     | 37.15 | 144.4 | 35.04 | 135.4 | 33.35 | 131.0 | 31.96 | 126.4 | 30.56 | 118.4 | 28.56 |
|        | 5                 | 4.1      | 152.6                     | 34.75 | 144.4 | 32.68 | 135.4 | 31.14 | 131.0 | 29.86 | 126.4 | 28.60 | 118.4 | 26.65 |
|        | 7                 | 6        | 152.6                     | 32.35 | 144.4 | 30.28 | 135.4 | 28.89 | 131.0 | 27.75 | 126.4 | 26.62 | 118.4 | 24.75 |
|        | 9                 | 7.9      | 152.6                     | 28.86 | 144.4 | 27.04 | 135.4 | 25.76 | 131.0 | 24.79 | 126.4 | 23.76 | 118.4 | 22.08 |
|        | 11                | 9.8      | 152.6                     | 26.94 | 144.4 | 25.22 | 135.4 | 24.05 | 131.0 | 23.15 | 126.4 | 22.19 | 118.4 | 20.63 |
|        | 13                | 11.8     | 152.6                     | 25.22 | 144.4 | 23.62 | 135.4 | 22.55 | 131.0 | 21.69 | 126.4 | 20.77 | 118.4 | 19.31 |
|        | 15                | 13.7     | 152.6                     | 23.84 | 144.4 | 22.34 | 135.4 | 21.31 | 131.0 | 20.45 | 126.4 | 19.66 | 118.4 | 18.28 |
| 50     | -30               | -30.2    | 80.80                     | 57.59 | 76.10 | 65.44 | 71.40 | 61.95 | 69.30 | 58.68 | 66.80 | 55.53 | 62.40 | 52.77 |
|        | -24.8             | -25      | 127.4                     | 55.77 | 120.2 | 56.59 | 113.0 | 53.58 | 109.4 | 50.79 | 105.5 | 48.15 | 98.30 | 45.66 |
|        | -21.8             | -22      | 127.4                     | 56.48 | 120.2 | 53.50 | 113.0 | 50.68 | 109.4 | 48.04 | 105.5 | 45.59 | 98.30 | 43.18 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 127.4                     | 54.31 | 120.2 | 51.42 | 113.0 | 48.74 | 109.4 | 46.21 | 105.5 | 43.87 | 98.30 | 41.54 |
|        | -18.8             | -19      | 127.4                     | 53.25 | 120.2 | 50.38 | 113.0 | 47.82 | 109.4 | 45.30 | 105.5 | 43.03 | 98.30 | 40.77 |
|        | -16.7             | -17      | 127.4                     | 51.00 | 120.2 | 48.26 | 113.0 | 45.77 | 109.4 | 43.36 | 105.5 | 41.23 | 98.30 | 39.05 |
|        | -15               | -15.9    | 127.4                     | 49.39 | 120.2 | 46.68 | 113.0 | 44.34 | 109.4 | 42.00 | 105.5 | 39.96 | 98.30 | 37.81 |
|        | -13.7             | -15      | 127.4                     | 47.77 | 120.2 | 45.14 | 113.0 | 42.88 | 109.4 | 40.65 | 105.5 | 38.71 | 98.30 | 36.60 |
|        | -11.8             | -13      | 127.4                     | 45.72 | 120.2 | 43.23 | 113.0 | 41.10 | 109.4 | 38.96 | 105.5 | 37.10 | 98.30 | 35.07 |
|        | -9.8              | -11      | 127.4                     | 43.62 | 120.2 | 41.17 | 113.0 | 39.17 | 109.4 | 37.14 | 105.5 | 35.42 | 98.30 | 33.46 |
|        | -9.5              | -10      | 127.4                     | 43.29 | 120.2 | 40.88 | 113.0 | 38.88 | 109.4 | 36.88 | 105.5 | 35.20 | 98.30 | 33.21 |
|        | -8.5              | -9.1     | 127.4                     | 42.24 | 120.2 | 39.85 | 113.0 | 37.96 | 109.4 | 36.00 | 105.5 | 34.36 | 98.30 | 32.41 |
|        | -7                | -7.6     | 127.4                     | 40.60 | 120.2 | 38.35 | 113.0 | 36.53 | 109.4 | 34.64 | 105.5 | 33.08 | 98.30 | 31.20 |
|        | -5                | -5.6     | 127.4                     | 38.54 | 120.2 | 36.37 | 113.0 | 34.69 | 109.4 | 32.91 | 105.5 | 31.47 | 98.30 | 29.63 |
|        | -3                | -3.7     | 127.4                     | 36.51 | 120.2 | 34.39 | 113.0 | 32.82 | 109.4 | 31.13 | 105.5 | 29.82 | 98.30 | 28.06 |
|        | 0                 | -0.7     | 127.4                     | 33.39 | 120.2 | 31.38 | 113.0 | 30.04 | 109.4 | 28.53 | 105.5 | 27.40 | 98.30 | 25.72 |
|        | 3                 | 2.2      | 127.4                     | 30.27 | 120.2 | 28.44 | 113.0 | 27.28 | 109.4 | 25.89 | 105.5 | 24.95 | 98.30 | 23.37 |
|        | 5                 | 4.1      | 127.4                     | 28.21 | 120.2 | 26.46 | 113.0 | 25.45 | 109.4 | 24.13 | 105.5 | 23.34 | 98.30 | 21.81 |
|        | 7                 | 6        | 127.4                     | 26.15 | 120.2 | 24.47 | 113.0 | 23.59 | 109.4 | 22.38 | 105.5 | 21.69 | 98.30 | 20.27 |
|        | 9                 | 7.9      | 127.4                     | 23.62 | 120.2 | 22.09 | 113.0 | 21.30 | 109.4 | 20.24 | 105.5 | 19.60 | 98.30 | 18.30 |
|        | 11                | 9.8      | 127.4                     | 22.09 | 120.2 | 20.66 | 113.0 | 19.92 | 109.4 | 18.92 | 105.5 | 18.34 | 98.30 | 17.10 |
|        | 13                | 11.8     | 127.4                     | 20.73 | 120.2 | 19.42 | 113.0 | 18.70 | 109.4 | 17.77 | 105.5 | 17.21 | 98.30 | 16.07 |
|        | 15                | 13.7     | 127.4                     | 19.63 | 120.2 | 18.38 | 113.0 | 17.70 | 109.4 | 16.79 | 105.5 | 16.31 | 98.30 | 15.18 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM740LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 92.30                     | 78.28 | 92.30 | 78.62 | 91.60 | 78.96 | 91.60 | 79.41 | 91.60 | 79.92 | 89.70 | 80.56 |
|        | -24.8             | -25      | 153.6                     | 79.23 | 153.6 | 79.57 | 152.6 | 79.87 | 152.6 | 80.36 | 152.6 | 80.80 | 149.9 | 81.47 |
|        | -21.8             | -22      | 186.9                     | 79.76 | 186.9 | 80.10 | 185.7 | 80.44 | 185.7 | 80.89 | 185.7 | 81.30 | 182.1 | 82.03 |
|        | -19.8             | -20      | 197.2                     | 80.13 | 197.2 | 80.47 | 195.8 | 80.77 | 195.8 | 81.22 | 195.8 | 81.67 | 192.1 | 82.36 |
|        | -18.8             | -19      | 201.4                     | 80.26 | 201.4 | 80.63 | 200.3 | 80.94 | 200.3 | 81.39 | 200.3 | 81.83 | 196.2 | 82.53 |
|        | -16.7             | -17      | 210.5                     | 80.66 | 210.5 | 81.01 | 209.3 | 81.31 | 209.3 | 81.76 | 209.3 | 82.17 | 205.2 | 82.90 |
|        | -15               | -15.9    | 216.8                     | 80.90 | 216.8 | 81.24 | 215.7 | 81.54 | 215.7 | 81.99 | 215.7 | 82.43 | 211.6 | 81.28 |
|        | -13.7             | -15      | 223.5                     | 81.19 | 223.5 | 81.51 | 222.4 | 81.81 | 222.4 | 82.26 | 222.4 | 82.73 | 218.0 | 79.69 |
|        | -11.8             | -13      | 230.9                     | 81.49 | 230.9 | 81.83 | 229.2 | 82.16 | 229.2 | 82.61 | 229.2 | 80.57 | 225.8 | 77.67 |
|        | -9.8              | -11      | 238.4                     | 81.85 | 238.4 | 82.19 | 237.1 | 82.49 | 237.1 | 80.37 | 237.1 | 78.35 | 234.1 | 75.57 |
|        | -9.5              | -10      | 239.9                     | 81.90 | 239.9 | 82.21 | 238.4 | 82.13 | 238.4 | 80.03 | 238.4 | 78.02 | 235.3 | 75.27 |
|        | -8.5              | -9.1     | 244.6                     | 82.07 | 244.6 | 82.41 | 242.8 | 80.99 | 242.8 | 78.89 | 241.7 | 76.91 | 239.8 | 74.20 |
|        | -7                | -7.6     | 251.6                     | 82.33 | 251.6 | 80.76 | 249.8 | 79.28 | 249.8 | 77.19 | 249.8 | 75.25 | 246.1 | 72.62 |
|        | -5                | -5.6     | 260.6                     | 80.31 | 260.6 | 78.65 | 259.1 | 77.15 | 259.1 | 75.10 | 259.1 | 73.13 | 254.4 | 70.64 |
|        | -3                | -3.7     | 269.8                     | 78.29 | 269.8 | 76.53 | 268.2 | 74.96 | 268.2 | 72.94 | 268.2 | 71.01 | 262.2 | 68.50 |
|        | 0                 | -0.7     | 283.5                     | 75.31 | 283.5 | 73.44 | 282.0 | 71.70 | 282.0 | 69.75 | 282.0 | 67.85 | 263.1 | 62.76 |
|        | 3                 | 2.2      | 297.5                     | 72.30 | 297.5 | 70.29 | 295.6 | 68.50 | 293.0 | 65.96 | 282.7 | 61.88 | 263.1 | 59.42 |
|        | 5                 | 4.1      | 301.2                     | 69.04 | 301.2 | 66.92 | 300.4 | 65.34 | 293.0 | 61.93 | 282.7 | 59.35 | 263.1 | 57.52 |
|        | 7                 | 6        | 301.2                     | 65.10 | 301.2 | 63.02 | 300.4 | 61.41 | 293.0 | 59.11 | 282.7 | 57.36 | 263.1 | 55.64 |
|        | 9                 | 7.9      | 301.2                     | 63.23 | 301.2 | 61.18 | 300.4 | 59.43 | 293.0 | 57.69 | 282.7 | 55.97 | 263.1 | 54.29 |
| 120    | 11                | 9.8      | 301.2                     | 62.23 | 301.2 | 60.22 | 300.4 | 58.50 | 293.0 | 56.76 | 282.7 | 55.08 | 263.1 | 53.43 |
|        | 13                | 11.8     | 301.2                     | 61.13 | 301.2 | 59.18 | 300.4 | 57.44 | 293.0 | 55.79 | 282.7 | 54.12 | 263.1 | 52.51 |
|        | 15                | 13.7     | 301.2                     | 59.98 | 301.2 | 58.04 | 300.4 | 56.34 | 293.0 | 54.72 | 282.7 | 53.09 | 263.1 | 51.48 |
|        | -30               | -30.2    | 91.60                     | 78.62 | 91.60 | 78.96 | 90.90 | 79.41 | 90.90 | 79.92 | 90.90 | 80.56 | 89.00 | 81.11 |
|        | -24.8             | -25      | 152.5                     | 79.57 | 152.5 | 79.87 | 151.5 | 80.36 | 151.5 | 80.80 | 151.5 | 81.47 | 148.5 | 81.99 |
|        | -21.8             | -22      | 185.7                     | 80.10 | 185.7 | 80.44 | 184.3 | 80.89 | 184.3 | 81.30 | 184.3 | 82.03 | 181.0 | 82.49 |
|        | -19.8             | -20      | 195.7                     | 80.47 | 195.7 | 80.77 | 194.6 | 81.22 | 194.6 | 81.67 | 194.6 | 82.36 | 190.6 | 82.82 |
|        | -18.8             | -19      | 200.3                     | 80.63 | 200.3 | 80.94 | 198.7 | 81.39 | 198.7 | 81.83 | 198.7 | 82.53 | 195.0 | 83.02 |
|        | -16.7             | -17      | 209.3                     | 81.01 | 209.3 | 81.31 | 207.8 | 81.76 | 207.8 | 82.17 | 207.8 | 82.90 | 203.7 | 80.92 |
|        | -15               | -15.9    | 215.6                     | 81.24 | 215.6 | 81.54 | 214.2 | 81.99 | 214.2 | 82.43 | 214.2 | 81.35 | 210.1 | 79.44 |
|        | -13.7             | -15      | 221.7                     | 81.51 | 221.7 | 81.81 | 220.6 | 82.26 | 220.6 | 82.73 | 220.6 | 79.80 | 216.4 | 78.00 |
|        | -11.8             | -13      | 229.1                     | 81.83 | 229.1 | 82.16 | 227.7 | 82.61 | 227.7 | 80.56 | 227.7 | 77.91 | 224.3 | 76.13 |
|        | -9.8              | -11      | 236.5                     | 82.19 | 236.5 | 82.49 | 235.0 | 80.26 | 235.0 | 78.31 | 235.0 | 75.89 | 232.6 | 74.21 |
|        | -9.5              | -10      | 238.4                     | 82.21 | 238.4 | 82.13 | 236.5 | 79.92 | 236.5 | 77.98 | 236.5 | 75.57 | 233.8 | 73.91 |
|        | -8.5              | -9.1     | 242.5                     | 82.41 | 242.5 | 80.88 | 241.3 | 78.75 | 241.3 | 76.87 | 241.3 | 74.56 | 238.3 | 72.92 |
|        | -7                | -7.6     | 249.5                     | 80.61 | 249.5 | 79.03 | 247.9 | 77.01 | 247.9 | 75.18 | 247.9 | 73.06 | 244.0 | 71.45 |
|        | -5                | -5.6     | 259.0                     | 78.26 | 259.0 | 76.68 | 256.8 | 74.74 | 256.8 | 73.02 | 256.8 | 71.15 | 247.2 | 68.09 |
|        | -3                | -3.7     | 267.9                     | 75.95 | 267.9 | 74.37 | 266.4 | 72.54 | 266.4 | 70.90 | 266.0 | 69.17 | 247.2 | 64.33 |
|        | 0                 | -0.7     | 281.6                     | 72.50 | 281.6 | 70.85 | 279.8 | 69.21 | 274.6 | 66.44 | 266.0 | 63.06 | 247.2 | 61.73 |
|        | 3                 | 2.2      | 295.6                     | 69.01 | 295.6 | 67.32 | 284.1 | 63.74 | 274.6 | 61.21 | 266.0 | 60.26 | 247.2 | 59.09 |
|        | 5                 | 4.1      | 298.9                     | 65.51 | 295.6 | 63.11 | 284.1 | 60.40 | 274.6 | 59.19 | 266.0 | 58.46 | 247.2 | 57.37 |
|        | 7                 | 6        | 298.9                     | 61.33 | 295.6 | 59.45 | 284.1 | 58.28 | 274.6 | 57.18 | 266.0 | 56.63 | 247.2 | 55.61 |
|        | 9                 | 7.9      | 298.9                     | 59.50 | 295.6 | 57.86 | 284.1 | 56.73 | 274.6 | 55.64 | 266.0 | 55.10 | 247.2 | 54.14 |
|        | 11                | 9.8      | 298.9                     | 58.40 | 295.6 | 56.79 | 284.1 | 55.66 | 274.6 | 54.60 | 266.0 | 54.10 | 247.2 | 53.15 |
|        | 13                | 11.8     | 298.9                     | 57.19 | 295.6 | 55.65 | 284.1 | 54.55 | 274.6 | 53.50 | 266.0 | 52.99 | 247.2 | 52.05 |
|        | 15                | 13.7     | 298.9                     | 55.93 | 295.6 | 54.40 | 284.1 | 53.35 | 274.6 | 52.32 | 266.0 | 51.81 | 247.2 | 50.90 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 91.20                     | 78.96 | 91.20 | 79.41 | 90.50 | 79.92 | 90.50 | 80.56 | 90.50 | 81.11 | 88.60 | 81.26 |
|        | -24.8             | -25      | 151.8                     | 79.87 | 151.8 | 80.36 | 150.7 | 80.80 | 150.7 | 81.47 | 150.7 | 81.99 | 147.7 | 82.20 |
|        | -21.8             | -22      | 184.3                     | 80.44 | 184.3 | 80.89 | 183.2 | 81.30 | 183.2 | 82.03 | 183.2 | 82.49 | 179.9 | 82.73 |
|        | -19.8             | -20      | 194.7                     | 80.77 | 194.7 | 81.22 | 193.5 | 81.67 | 193.5 | 82.36 | 193.5 | 82.82 | 189.6 | 83.07 |
|        | -18.8             | -19      | 198.9                     | 80.94 | 198.9 | 81.39 | 197.6 | 81.83 | 197.6 | 82.53 | 197.6 | 83.02 | 194.0 | 81.97 |
|        | -16.7             | -17      | 208.1                     | 81.31 | 208.1 | 81.76 | 206.4 | 82.17 | 206.4 | 82.90 | 206.4 | 80.77 | 202.6 | 79.68 |
|        | -15               | -15.9    | 214.2                     | 81.54 | 214.2 | 81.99 | 212.8 | 82.43 | 212.8 | 81.20 | 212.8 | 79.18 | 210.9 | 78.02 |
|        | -13.7             | -15      | 220.6                     | 81.81 | 220.6 | 82.26 | 219.2 | 82.73 | 219.2 | 79.51 | 219.2 | 77.60 | 219.2 | 76.40 |
|        | -11.8             | -13      | 227.7                     | 82.16 | 227.7 | 82.61 | 226.5 | 80.35 | 226.5 | 77.41 | 226.5 | 75.58 | 222.4 | 72.97 |
|        | -9.8              | -11      | 235.4                     | 82.49 | 235.4 | 79.97 | 233.9 | 77.87 | 233.9 | 75.16 | 233.9 | 73.48 | 222.4 | 69.00 |
|        | -9.5              | -10      | 236.5                     | 82.06 | 236.5 | 79.56 | 235.4 | 77.51 | 235.4 | 74.87 | 235.4 | 73.14 | 222.4 | 68.19 |
|        | -8.5              | -9.1     | 241.3                     | 80.65 | 241.3 | 78.24 | 239.9 | 76.29 | 239.9 | 73.73 | 238.3 | 71.64 | 222.4 | 67.17 |
|        | -7                | -7.6     | 248.4                     | 78.51 | 248.4 | 76.25 | 246.8 | 74.42 | 246.4 | 71.94 | 238.3 | 68.11 | 222.4 | 65.65 |
|        | -5                | -5.6     | 257.2                     | 75.80 | 257.2 | 73.75 | 254.9 | 71.86 | 246.4 | 67.41 | 238.3 | 65.03 | 222.4 | 63.68 |
|        | -3                | -3.7     | 266.4                     | 73.09 | 266.4 | 71.23 | 254.9 | 67.15 | 246.4 | 64.37 | 238.3 | 63.12 | 222.4 | 61.74 |
|        | 0                 | -0.7     | 279.9                     | 69.03 | 271.6 | 65.42 | 254.9 | 62.83 | 246.4 | 61.33 | 238.3 | 60.27 | 222.4 | 58.78 |
|        | 3                 | 2.2      | 287.5                     | 63.59 | 271.6 | 60.41 | 254.9 | 59.46 | 246.4 | 58.36 | 238.3 | 57.45 | 222.4 | 55.88 |
|        | 5                 | 4.1      | 287.5                     | 59.07 | 271.6 | 58.03 | 254.9 | 57.26 | 246.4 | 56.32 | 238.3 | 55.54 | 222.4 | 53.91 |
|        | 7                 | 6        | 287.5                     | 56.46 | 271.6 | 55.61 | 254.9 | 55.02 | 246.4 | 54.33 | 238.3 | 53.64 | 222.4 | 51.97 |
|        | 9                 | 7.9      | 287.5                     | 54.72 | 271.6 | 53.89 | 254.9 | 53.30 | 246.4 | 52.65 | 238.3 | 51.96 | 222.4 | 50.35 |
|        | 11                | 9.8      | 287.5                     | 53.44 | 271.6 | 52.64 | 254.9 | 52.06 | 246.4 | 51.40 | 238.3 | 50.75 | 222.4 | 49.17 |
|        | 13                | 11.8     | 287.5                     | 52.08 | 271.6 | 51.31 | 254.9 | 50.73 | 246.4 | 50.10 | 238.3 | 49.45 | 222.4 | 47.92 |
|        | 15                | 13.7     | 287.5                     | 50.61 | 271.6 | 49.85 | 254.9 | 49.29 | 246.4 | 48.71 | 238.3 | 48.06 | 222.4 | 46.57 |
| 100    | -30               | -30.2    | 90.50                     | 89.20 | 90.50 | 88.72 | 90.10 | 76.36 | 90.10 | 87.31 | 90.10 | 84.96 | 88.30 | 86.47 |
|        | -24.8             | -25      | 151.1                     | 87.46 | 151.1 | 86.95 | 150.3 | 80.44 | 150.3 | 85.57 | 150.3 | 85.03 | 147.0 | 84.73 |
|        | -21.8             | -22      | 183.6                     | 86.49 | 183.6 | 85.92 | 182.5 | 82.78 | 182.5 | 84.60 | 182.5 | 85.06 | 179.2 | 83.76 |
|        | -19.8             | -20      | 193.9                     | 85.80 | 193.9 | 85.26 | 192.5 | 84.23 | 192.5 | 83.91 | 192.5 | 83.70 | 188.7 | 83.07 |
|        | -18.8             | -19      | 198.0                     | 85.45 | 196.9 | 84.94 | 196.9 | 84.40 | 196.9 | 83.56 | 196.9 | 83.02 | 193.2 | 81.74 |
|        | -16.7             | -17      | 205.6                     | 84.79 | 205.6 | 84.22 | 205.6 | 84.74 | 204.5 | 82.90 | 204.5 | 80.26 | 200.8 | 78.94 |
|        | -15               | -15.9    | 212.7                     | 84.25 | 212.7 | 83.71 | 212.0 | 83.72 | 211.6 | 80.91 | 211.6 | 78.28 | 203.2 | 75.36 |
|        | -13.7             | -15      | 219.5                     | 83.75 | 219.5 | 83.24 | 218.4 | 82.73 | 218.4 | 78.92 | 218.3 | 76.31 | 203.2 | 71.11 |
|        | -11.8             | -13      | 226.5                     | 83.15 | 225.4 | 82.61 | 225.4 | 80.09 | 225.4 | 76.41 | 218.3 | 71.52 | 203.2 | 68.70 |
|        | -9.8              | -11      | 234.3                     | 82.49 | 234.3 | 79.67 | 233.1 | 77.32 | 225.7 | 71.44 | 218.3 | 67.62 | 203.2 | 66.19 |
|        | -9.5              | -10      | 235.4                     | 82.01 | 235.4 | 79.20 | 233.1 | 76.46 | 225.7 | 70.68 | 218.3 | 67.25 | 203.2 | 65.82 |
|        | -8.5              | -9.1     | 240.2                     | 80.51 | 240.2 | 77.75 | 233.1 | 73.65 | 225.7 | 68.38 | 218.3 | 66.01 | 203.2 | 64.54 |
|        | -7                | -7.6     | 251.0                     | 78.19 | 247.9 | 74.94 | 233.1 | 69.66 | 225.7 | 66.50 | 218.3 | 64.16 | 203.2 | 62.67 |
|        | -5                | -5.6     | 262.0                     | 75.26 | 247.9 | 69.52 | 233.1 | 67.16 | 225.7 | 64.13 | 218.3 | 61.82 | 203.2 | 60.28 |
|        | -3                | -3.7     | 263.0                     | 70.60 | 247.9 | 66.35 | 233.1 | 64.66 | 225.7 | 61.75 | 218.3 | 59.45 | 203.2 | 57.87 |
|        | 0                 | -0.7     | 263.0                     | 64.44 | 247.9 | 62.32 | 233.1 | 60.86 | 225.7 | 58.16 | 218.3 | 55.89 | 203.2 | 54.24 |
|        | 3                 | 2.2      | 263.0                     | 60.23 | 247.9 | 58.33 | 233.1 | 57.09 | 225.7 | 54.57 | 218.3 | 52.37 | 203.2 | 50.63 |
|        | 5                 | 4.1      | 263.0                     | 57.45 | 247.9 | 55.62 | 233.1 | 54.56 | 225.7 | 52.18 | 218.3 | 49.99 | 203.2 | 48.21 |
|        | 7                 | 6        | 263.0                     | 54.66 | 247.9 | 52.95 | 233.1 | 52.04 | 225.7 | 49.78 | 218.3 | 47.65 | 203.2 | 45.80 |
|        | 9                 | 7.9      | 263.0                     | 52.70 | 247.9 | 51.09 | 233.1 | 50.18 | 225.7 | 47.99 | 218.3 | 45.94 | 203.2 | 44.17 |
|        | 11                | 9.8      | 263.0                     | 51.24 | 247.9 | 49.60 | 233.1 | 48.76 | 225.7 | 46.62 | 218.3 | 44.60 | 203.2 | 42.90 |
|        | 13                | 11.8     | 263.0                     | 49.63 | 247.9 | 48.06 | 233.1 | 47.22 | 225.7 | 45.19 | 218.3 | 43.22 | 203.2 | 41.58 |
|        | 15                | 13.7     | 263.0                     | 47.92 | 247.9 | 46.42 | 233.1 | 45.59 | 225.7 | 43.66 | 218.3 | 41.73 | 203.2 | 40.16 |
| 90     | -30               | -30.2    | 90.50                     | 77.52 | 90.50 | 78.15 | 89.70 | 78.65 | 89.70 | 78.86 | 89.70 | 79.41 | 87.90 | 87.27 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 150.7                     | 78.40 | 150.7 | 79.10 | 149.6 | 79.60 | 149.6 | 79.81 | 149.6 | 80.29 | 146.6 | 80.99 |
|        | -21.8             | -22      | 182.9                     | 78.91 | 182.9 | 79.63 | 181.8 | 80.13 | 181.8 | 80.34 | 181.8 | 80.82 | 178.3 | 77.36 |
|        | -19.8             | -20      | 193.2                     | 79.30 | 193.2 | 79.97 | 191.8 | 80.49 | 191.8 | 80.70 | 191.8 | 78.36 | 185.7 | 73.96 |
|        | -18.8             | -19      | 198.0                     | 79.47 | 196.9 | 80.16 | 196.2 | 80.63 | 196.2 | 79.42 | 196.2 | 77.13 | 185.7 | 71.25 |
|        | -16.7             | -17      | 205.6                     | 79.84 | 205.6 | 80.51 | 204.8 | 78.03 | 204.8 | 76.79 | 200.1 | 72.85 | 185.7 | 67.65 |
|        | -15               | -15.9    | 212.7                     | 80.07 | 212.7 | 78.60 | 211.2 | 76.19 | 206.8 | 73.35 | 200.1 | 70.04 | 185.7 | 65.96 |
|        | -13.7             | -15      | 219.5                     | 80.34 | 219.5 | 76.66 | 213.2 | 72.82 | 206.8 | 69.44 | 200.1 | 67.31 | 185.7 | 64.28 |
|        | -11.8             | -13      | 226.5                     | 77.74 | 225.4 | 74.25 | 213.2 | 68.36 | 206.8 | 67.08 | 200.1 | 65.11 | 185.7 | 62.13 |
|        | -9.8              | -11      | 234.3                     | 74.99 | 226.5 | 69.30 | 213.2 | 66.02 | 206.8 | 64.71 | 200.1 | 62.85 | 185.7 | 59.89 |
|        | -9.5              | -10      | 235.4                     | 74.56 | 226.5 | 68.58 | 213.2 | 65.65 | 206.8 | 64.34 | 200.1 | 62.52 | 185.7 | 59.56 |
|        | -8.5              | -9.1     | 240.2                     | 73.21 | 226.5 | 66.60 | 213.2 | 64.52 | 206.8 | 63.20 | 200.1 | 61.34 | 185.7 | 58.44 |
|        | -7                | -7.6     | 240.9                     | 68.27 | 226.5 | 64.70 | 213.2 | 62.76 | 206.8 | 61.44 | 200.1 | 59.63 | 185.7 | 56.75 |
|        | -5                | -5.6     | 240.9                     | 65.02 | 226.5 | 62.40 | 213.2 | 60.54 | 206.8 | 59.15 | 200.1 | 57.44 | 185.7 | 54.63 |
|        | -3                | -3.7     | 240.9                     | 62.55 | 226.5 | 60.07 | 213.2 | 58.32 | 206.8 | 56.90 | 200.1 | 55.23 | 185.7 | 52.45 |
|        | 0                 | -0.7     | 240.9                     | 58.80 | 226.5 | 56.59 | 213.2 | 55.01 | 206.8 | 53.51 | 200.1 | 51.95 | 185.7 | 49.25 |
|        | 3                 | 2.2      | 240.9                     | 55.05 | 226.5 | 53.15 | 213.2 | 51.66 | 206.8 | 50.13 | 200.1 | 48.63 | 185.7 | 46.01 |
|        | 5                 | 4.1      | 240.9                     | 52.54 | 226.5 | 50.82 | 213.2 | 49.44 | 206.8 | 47.87 | 200.1 | 46.45 | 185.7 | 43.86 |
|        | 7                 | 6        | 240.9                     | 50.06 | 226.5 | 48.53 | 213.2 | 47.22 | 206.8 | 45.61 | 200.1 | 44.26 | 185.7 | 41.74 |
|        | 9                 | 7.9      | 240.9                     | 47.70 | 226.5 | 46.23 | 213.2 | 44.99 | 206.8 | 43.44 | 200.1 | 42.16 | 185.7 | 39.75 |
|        | 11                | 9.8      | 240.9                     | 45.33 | 226.5 | 43.94 | 213.2 | 42.77 | 206.8 | 41.32 | 200.1 | 40.08 | 185.7 | 37.81 |
|        | 13                | 11.8     | 240.9                     | 43.00 | 226.5 | 41.68 | 213.2 | 40.55 | 206.8 | 39.16 | 200.1 | 38.00 | 185.7 | 35.81 |
|        | 15                | 13.7     | 240.9                     | 40.63 | 226.5 | 39.39 | 213.2 | 38.30 | 206.8 | 36.99 | 200.1 | 35.89 | 185.7 | 33.88 |
| 80     | -30               | -30.2    | 89.80                     | 68.36 | 89.80 | 69.09 | 89.40 | 69.64 | 89.40 | 68.99 | 89.40 | 77.50 | 87.60 | 74.25 |
|        | -24.8             | -25      | 150.0                     | 69.35 | 150.0 | 70.07 | 148.9 | 70.57 | 148.9 | 70.78 | 148.9 | 71.96 | 145.9 | 68.94 |
|        | -21.8             | -22      | 181.0                     | 69.92 | 181.0 | 70.61 | 181.0 | 71.11 | 181.0 | 71.80 | 178.3 | 67.78 | 166.1 | 62.53 |
|        | -19.8             | -20      | 191.0                     | 70.28 | 191.0 | 70.98 | 190.7 | 71.57 | 185.0 | 67.35 | 178.3 | 63.25 | 166.1 | 60.55 |
|        | -18.8             | -19      | 195.4                     | 70.48 | 195.4 | 71.64 | 190.9 | 68.94 | 185.0 | 65.02 | 178.3 | 62.29 | 166.1 | 59.63 |
|        | -16.7             | -17      | 201.3                     | 71.55 | 201.3 | 69.31 | 190.9 | 64.73 | 185.0 | 62.75 | 178.3 | 60.17 | 166.1 | 57.61 |
|        | -15               | -15.9    | 205.7                     | 69.80 | 203.1 | 67.42 | 190.9 | 63.12 | 185.0 | 61.15 | 178.3 | 58.67 | 166.1 | 56.16 |
|        | -13.7             | -15      | 210.2                     | 68.08 | 203.1 | 64.94 | 190.9 | 61.51 | 185.0 | 59.58 | 178.3 | 57.20 | 166.1 | 54.73 |
|        | -11.8             | -13      | 215.7                     | 65.88 | 203.1 | 61.96 | 190.9 | 59.50 | 185.0 | 57.63 | 178.3 | 55.30 | 166.1 | 52.93 |
|        | -9.8              | -11      | 215.7                     | 61.94 | 203.1 | 59.03 | 190.9 | 57.41 | 185.0 | 55.51 | 178.3 | 53.33 | 166.1 | 51.03 |
|        | -9.5              | -10      | 215.7                     | 61.17 | 203.1 | 58.38 | 190.9 | 57.08 | 185.0 | 55.21 | 178.3 | 53.03 | 166.1 | 50.74 |
|        | -8.5              | -9.1     | 215.7                     | 59.55 | 203.1 | 57.15 | 190.9 | 56.02 | 185.0 | 54.16 | 178.3 | 52.05 | 166.1 | 49.82 |
|        | -7                | -7.6     | 215.7                     | 57.32 | 203.1 | 55.54 | 190.9 | 54.44 | 185.0 | 52.59 | 178.3 | 50.59 | 166.1 | 48.36 |
|        | -5                | -5.6     | 215.7                     | 55.22 | 203.1 | 53.57 | 190.9 | 52.41 | 185.0 | 50.62 | 178.3 | 48.66 | 166.1 | 46.57 |
|        | -3                | -3.7     | 215.7                     | 53.14 | 203.1 | 51.54 | 190.9 | 50.41 | 185.0 | 48.58 | 178.3 | 46.77 | 166.1 | 44.72 |
|        | 0                 | -0.7     | 215.7                     | 50.01 | 203.1 | 48.51 | 190.9 | 47.35 | 185.0 | 45.60 | 178.3 | 43.92 | 166.1 | 41.99 |
|        | 3                 | 2.2      | 215.7                     | 46.88 | 203.1 | 45.50 | 190.9 | 44.30 | 185.0 | 42.58 | 178.3 | 41.11 | 166.1 | 39.29 |
|        | 5                 | 4.1      | 215.7                     | 44.80 | 203.1 | 43.49 | 190.9 | 42.28 | 185.0 | 40.58 | 178.3 | 39.22 | 166.1 | 37.44 |
|        | 7                 | 6        | 215.7                     | 42.70 | 203.1 | 41.46 | 190.9 | 40.25 | 185.0 | 38.57 | 178.3 | 37.29 | 166.1 | 35.62 |
|        | 9                 | 7.9      | 215.7                     | 40.10 | 203.1 | 38.94 | 190.9 | 37.80 | 185.0 | 36.23 | 178.3 | 35.03 | 166.1 | 33.46 |
|        | 11                | 9.8      | 215.7                     | 37.22 | 203.1 | 36.16 | 190.9 | 35.10 | 185.0 | 33.61 | 178.3 | 32.51 | 166.1 | 31.05 |
|        | 13                | 11.8     | 215.7                     | 34.74 | 203.1 | 33.75 | 190.9 | 32.76 | 185.0 | 31.38 | 178.3 | 30.36 | 166.1 | 28.97 |
|        | 15                | 13.7     | 215.7                     | 32.73 | 203.1 | 31.75 | 190.9 | 30.84 | 185.0 | 29.56 | 178.3 | 28.57 | 166.1 | 27.27 |
| 70     | -30               | -30.2    | 89.80                     | 68.02 | 89.80 | 68.32 | 89.40 | 68.78 | 89.40 | 76.41 | 89.40 | 72.77 | 87.60 | 69.44 |
|        | -24.8             | -25      | 150.0                     | 69.00 | 150.0 | 69.25 | 148.9 | 69.73 | 148.9 | 70.40 | 148.9 | 67.11 | 142.1 | 62.29 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 172.4                     | 69.57 | 172.4 | 69.79 | 162.4 | 66.68 | 156.9 | 63.54 | 152.1 | 60.59 | 142.1 | 57.74 |
|        | -19.8             | -20      | 182.8                     | 68.22 | 172.8 | 66.56 | 162.4 | 64.37 | 156.9 | 61.35 | 152.1 | 58.57 | 142.1 | 55.77 |
|        | -18.8             | -19      | 182.8                     | 66.52 | 172.8 | 65.42 | 162.4 | 63.24 | 156.9 | 60.25 | 152.1 | 57.52 | 142.1 | 54.77 |
|        | -16.7             | -17      | 182.8                     | 64.10 | 172.8 | 62.90 | 162.4 | 60.83 | 156.9 | 57.98 | 152.1 | 55.39 | 142.1 | 52.69 |
|        | -15               | -15.9    | 182.8                     | 62.34 | 172.8 | 61.14 | 162.4 | 59.11 | 156.9 | 56.33 | 152.1 | 53.86 | 142.1 | 51.23 |
|        | -13.7             | -15      | 182.8                     | 60.59 | 172.8 | 59.39 | 162.4 | 57.42 | 156.9 | 54.72 | 152.1 | 52.36 | 142.1 | 49.76 |
|        | -11.8             | -13      | 182.8                     | 58.37 | 172.8 | 57.15 | 162.4 | 55.26 | 156.9 | 52.68 | 152.1 | 50.42 | 142.1 | 47.90 |
|        | -9.8              | -11      | 182.8                     | 56.09 | 172.8 | 54.79 | 162.4 | 52.99 | 156.9 | 50.52 | 152.1 | 48.41 | 142.1 | 45.96 |
|        | -9.5              | -10      | 182.8                     | 55.73 | 172.8 | 54.46 | 162.4 | 52.63 | 156.9 | 50.19 | 152.1 | 48.11 | 142.1 | 45.67 |
|        | -8.5              | -9.1     | 182.8                     | 54.56 | 172.8 | 53.29 | 162.4 | 51.53 | 156.9 | 49.13 | 152.1 | 47.09 | 142.1 | 44.71 |
|        | -7                | -7.6     | 182.8                     | 52.85 | 172.8 | 51.57 | 162.4 | 49.85 | 156.9 | 47.52 | 152.1 | 45.59 | 142.1 | 43.22 |
|        | -5                | -5.6     | 182.8                     | 50.62 | 172.8 | 49.27 | 162.4 | 47.64 | 156.9 | 45.44 | 152.1 | 43.66 | 142.1 | 41.40 |
|        | -3                | -3.7     | 182.8                     | 48.40 | 172.8 | 47.05 | 162.4 | 45.48 | 156.9 | 43.37 | 152.1 | 41.69 | 142.1 | 39.50 |
|        | 0                 | -0.7     | 182.8                     | 45.05 | 172.8 | 43.67 | 162.4 | 42.21 | 156.9 | 40.27 | 152.1 | 38.79 | 142.1 | 36.69 |
|        | 3                 | 2.2      | 182.8                     | 41.70 | 172.8 | 40.27 | 162.4 | 38.92 | 156.9 | 37.14 | 152.1 | 35.90 | 142.1 | 33.85 |
|        | 5                 | 4.1      | 182.8                     | 39.51 | 172.8 | 38.02 | 162.4 | 36.77 | 156.9 | 35.09 | 152.1 | 33.93 | 142.1 | 32.00 |
|        | 7                 | 6        | 182.8                     | 37.26 | 172.8 | 35.76 | 162.4 | 34.56 | 156.9 | 33.02 | 152.1 | 32.04 | 142.1 | 30.10 |
|        | 9                 | 7.9      | 182.8                     | 33.68 | 172.8 | 32.33 | 162.4 | 31.20 | 156.9 | 29.82 | 152.1 | 28.90 | 142.1 | 27.19 |
|        | 11                | 9.8      | 182.8                     | 31.34 | 172.8 | 30.07 | 162.4 | 29.08 | 156.9 | 27.76 | 152.1 | 26.93 | 142.1 | 25.29 |
|        | 13                | 11.8     | 182.8                     | 29.34 | 172.8 | 28.14 | 162.4 | 27.19 | 156.9 | 25.98 | 152.1 | 25.18 | 142.1 | 23.68 |
|        | 15                | 13.7     | 182.8                     | 27.65 | 172.8 | 26.53 | 162.4 | 25.65 | 156.9 | 24.49 | 152.1 | 23.72 | 142.1 | 22.33 |
| 60     | -30               | -30.2    | 88.80                     | 67.46 | 88.80 | 67.92 | 88.00 | 76.17 | 85.10 | 72.14 | 82.20 | 68.40 | 77.00 | 65.08 |
|        | -24.8             | -25      | 147.7                     | 68.45 | 147.7 | 68.91 | 139.1 | 66.08 | 134.7 | 62.67 | 129.9 | 59.47 | 121.7 | 56.48 |
|        | -21.8             | -22      | 156.9                     | 68.41 | 148.4 | 65.93 | 139.1 | 62.54 | 134.7 | 59.35 | 129.9 | 56.36 | 121.7 | 53.45 |
|        | -19.8             | -20      | 156.9                     | 65.84 | 148.4 | 63.44 | 139.1 | 60.18 | 134.7 | 57.13 | 129.9 | 54.26 | 121.7 | 51.45 |
|        | -18.8             | -19      | 156.9                     | 64.58 | 148.4 | 62.21 | 139.1 | 59.03 | 134.7 | 56.06 | 129.9 | 53.23 | 121.7 | 50.43 |
|        | -16.7             | -17      | 156.9                     | 61.94 | 148.4 | 59.59 | 139.1 | 56.53 | 134.7 | 53.73 | 129.9 | 51.07 | 121.7 | 48.35 |
|        | -15               | -15.9    | 156.9                     | 60.08 | 148.4 | 57.72 | 139.1 | 54.78 | 134.7 | 52.09 | 129.9 | 49.51 | 121.7 | 46.85 |
|        | -13.7             | -15      | 156.9                     | 58.22 | 148.4 | 55.90 | 139.1 | 53.03 | 134.7 | 50.45 | 129.9 | 47.97 | 121.7 | 45.36 |
|        | -11.8             | -13      | 156.9                     | 55.86 | 148.4 | 53.54 | 139.1 | 50.82 | 134.7 | 48.37 | 129.9 | 46.01 | 121.7 | 43.47 |
|        | -9.8              | -11      | 156.9                     | 53.35 | 148.4 | 51.07 | 139.1 | 48.51 | 134.7 | 46.19 | 129.9 | 43.97 | 121.7 | 41.49 |
|        | -9.5              | -10      | 156.9                     | 52.99 | 148.4 | 50.70 | 139.1 | 48.18 | 134.7 | 45.86 | 129.9 | 43.65 | 121.7 | 41.20 |
|        | -8.5              | -9.1     | 156.9                     | 51.75 | 148.4 | 49.50 | 139.1 | 47.02 | 134.7 | 44.80 | 129.9 | 42.65 | 121.7 | 40.22 |
|        | -7                | -7.6     | 156.9                     | 49.93 | 148.4 | 47.68 | 139.1 | 45.27 | 134.7 | 43.16 | 129.9 | 41.12 | 121.7 | 38.73 |
|        | -5                | -5.6     | 156.9                     | 47.50 | 148.4 | 45.28 | 139.1 | 43.06 | 134.7 | 41.05 | 129.9 | 39.14 | 121.7 | 36.84 |
|        | -3                | -3.7     | 156.9                     | 45.13 | 148.4 | 42.92 | 139.1 | 40.81 | 134.7 | 38.95 | 129.9 | 37.14 | 121.7 | 34.91 |
|        | 0                 | -0.7     | 156.9                     | 41.51 | 148.4 | 39.33 | 139.1 | 37.43 | 134.7 | 35.79 | 129.9 | 34.19 | 121.7 | 32.04 |
|        | 3                 | 2.2      | 156.9                     | 37.92 | 148.4 | 35.77 | 139.1 | 34.06 | 134.7 | 32.64 | 129.9 | 31.22 | 121.7 | 29.17 |
|        | 5                 | 4.1      | 156.9                     | 35.52 | 148.4 | 33.41 | 139.1 | 31.84 | 134.7 | 30.53 | 129.9 | 29.25 | 121.7 | 27.26 |
|        | 7                 | 6        | 156.9                     | 33.13 | 148.4 | 31.02 | 139.1 | 29.59 | 134.7 | 28.43 | 129.9 | 27.27 | 121.7 | 25.36 |
|        | 9                 | 7.9      | 156.9                     | 29.56 | 148.4 | 27.69 | 139.1 | 26.38 | 134.7 | 25.39 | 129.9 | 24.34 | 121.7 | 22.62 |
|        | 11                | 9.8      | 156.9                     | 27.59 | 148.4 | 25.84 | 139.1 | 24.63 | 134.7 | 23.71 | 129.9 | 22.73 | 121.7 | 21.13 |
|        | 13                | 11.8     | 156.9                     | 25.84 | 148.4 | 24.20 | 139.1 | 23.10 | 134.7 | 22.21 | 129.9 | 21.28 | 121.7 | 19.78 |
|        | 15                | 13.7     | 156.9                     | 24.42 | 148.4 | 22.88 | 139.1 | 21.82 | 134.7 | 20.95 | 129.9 | 20.14 | 121.7 | 18.72 |
| 50     | -30               | -30.2    | 82.90                     | 58.43 | 78.10 | 65.75 | 73.30 | 62.29 | 71.00 | 59.04 | 68.50 | 55.94 | 64.00 | 53.18 |
|        | -24.8             | -25      | 131.0                     | 56.36 | 123.6 | 57.02 | 116.1 | 54.03 | 112.4 | 51.25 | 108.4 | 48.63 | 101.0 | 46.15 |
|        | -21.8             | -22      | 131.0                     | 56.90 | 123.6 | 53.94 | 116.1 | 51.13 | 112.4 | 48.51 | 108.4 | 46.06 | 101.0 | 43.66 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 131.0                     | 54.74 | 123.6 | 51.86 | 116.1 | 49.20 | 112.4 | 46.68 | 108.4 | 44.34 | 101.0 | 42.01 |
|        | -18.8             | -19      | 131.0                     | 53.68 | 123.6 | 50.83 | 116.1 | 48.28 | 112.4 | 45.77 | 108.4 | 43.50 | 101.0 | 41.24 |
|        | -16.7             | -17      | 131.0                     | 51.44 | 123.6 | 48.70 | 116.1 | 46.23 | 112.4 | 43.83 | 108.4 | 41.71 | 101.0 | 39.52 |
|        | -15               | -15.9    | 131.0                     | 49.83 | 123.6 | 47.14 | 116.1 | 44.80 | 112.4 | 42.47 | 108.4 | 40.43 | 101.0 | 38.28 |
|        | -13.7             | -15      | 131.0                     | 48.23 | 123.6 | 45.60 | 116.1 | 43.35 | 112.4 | 41.12 | 108.4 | 39.18 | 101.0 | 37.07 |
|        | -11.8             | -13      | 131.0                     | 46.18 | 123.6 | 43.70 | 116.1 | 41.58 | 112.4 | 39.43 | 108.4 | 37.58 | 101.0 | 35.53 |
|        | -9.8              | -11      | 131.0                     | 44.09 | 123.6 | 41.66 | 116.1 | 39.65 | 112.4 | 37.61 | 108.4 | 35.89 | 101.0 | 33.93 |
|        | -9.5              | -10      | 131.0                     | 43.77 | 123.6 | 41.36 | 116.1 | 39.36 | 112.4 | 37.35 | 108.4 | 35.67 | 101.0 | 33.67 |
|        | -8.5              | -9.1     | 131.0                     | 42.74 | 123.6 | 40.33 | 116.1 | 38.44 | 112.4 | 36.47 | 108.4 | 34.83 | 101.0 | 32.86 |
|        | -7                | -7.6     | 131.0                     | 41.11 | 123.6 | 38.83 | 116.1 | 37.02 | 112.4 | 35.12 | 108.4 | 33.56 | 101.0 | 31.66 |
|        | -5                | -5.6     | 131.0                     | 39.06 | 123.6 | 36.87 | 116.1 | 35.19 | 112.4 | 33.40 | 108.4 | 31.95 | 101.0 | 30.10 |
|        | -3                | -3.7     | 131.0                     | 37.05 | 123.6 | 34.90 | 116.1 | 33.33 | 112.4 | 31.62 | 108.4 | 30.31 | 101.0 | 28.53 |
|        | 0                 | -0.7     | 131.0                     | 33.96 | 123.6 | 31.92 | 116.1 | 30.57 | 112.4 | 29.03 | 108.4 | 27.90 | 101.0 | 26.19 |
|        | 3                 | 2.2      | 131.0                     | 30.87 | 123.6 | 29.00 | 116.1 | 27.83 | 112.4 | 26.41 | 108.4 | 25.47 | 101.0 | 23.86 |
|        | 5                 | 4.1      | 131.0                     | 28.82 | 123.6 | 27.04 | 116.1 | 26.00 | 112.4 | 24.66 | 108.4 | 23.86 | 101.0 | 22.29 |
|        | 7                 | 6        | 131.0                     | 26.78 | 123.6 | 25.07 | 116.1 | 24.16 | 112.4 | 22.92 | 108.4 | 22.22 | 101.0 | 20.76 |
|        | 9                 | 7.9      | 131.0                     | 24.19 | 123.6 | 22.63 | 116.1 | 21.81 | 112.4 | 20.72 | 108.4 | 20.07 | 101.0 | 18.75 |
|        | 11                | 9.8      | 131.0                     | 22.63 | 123.6 | 21.17 | 116.1 | 20.39 | 112.4 | 19.38 | 108.4 | 18.79 | 101.0 | 17.51 |
|        | 13                | 11.8     | 131.0                     | 21.24 | 123.6 | 19.89 | 116.1 | 19.15 | 112.4 | 18.21 | 108.4 | 17.62 | 101.0 | 16.45 |
|        | 15                | 13.7     | 131.0                     | 20.11 | 123.6 | 18.83 | 116.1 | 18.13 | 112.4 | 17.20 | 108.4 | 16.71 | 101.0 | 15.55 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM760LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 94.20                     | 80.36 | 94.20 | 80.89 | 93.50 | 81.36 | 93.50 | 82.03 | 93.50 | 82.71 | 92.00 | 83.70 |
|        | -24.8             | -25      | 156.8                     | 81.86 | 156.8 | 82.38 | 155.7 | 82.82 | 155.7 | 83.52 | 155.7 | 84.16 | 153.6 | 85.15 |
|        | -21.8             | -22      | 191.0                     | 82.72 | 191.0 | 83.22 | 189.9 | 83.69 | 189.9 | 84.36 | 189.9 | 84.98 | 186.9 | 86.02 |
|        | -19.8             | -20      | 201.8                     | 83.28 | 201.8 | 83.79 | 200.4 | 84.23 | 200.4 | 84.89 | 200.4 | 85.54 | 197.4 | 86.55 |
|        | -18.8             | -19      | 206.2                     | 83.53 | 206.2 | 84.06 | 205.1 | 84.50 | 205.1 | 85.16 | 205.1 | 85.81 | 201.8 | 86.82 |
|        | -16.7             | -17      | 215.6                     | 84.14 | 215.6 | 84.65 | 214.5 | 85.09 | 214.5 | 85.74 | 214.5 | 86.36 | 211.2 | 87.40 |
|        | -15               | -15.9    | 222.4                     | 84.52 | 222.4 | 85.03 | 221.2 | 85.47 | 221.2 | 86.12 | 221.2 | 86.77 | 217.9 | 85.72 |
|        | -13.7             | -15      | 229.4                     | 84.97 | 229.4 | 85.45 | 228.1 | 85.89 | 228.1 | 86.54 | 228.1 | 87.22 | 224.5 | 84.08 |
|        | -11.8             | -13      | 237.0                     | 85.46 | 237.0 | 85.97 | 235.2 | 86.44 | 235.2 | 87.09 | 235.2 | 84.98 | 232.5 | 81.98 |
|        | -9.8              | -11      | 244.8                     | 86.03 | 244.8 | 86.52 | 243.6 | 86.96 | 243.6 | 84.77 | 243.6 | 82.69 | 240.9 | 79.80 |
|        | -9.5              | -10      | 246.6                     | 86.10 | 246.6 | 86.58 | 245.0 | 86.59 | 245.0 | 84.42 | 244.7 | 82.35 | 242.0 | 79.49 |
|        | -8.5              | -9.1     | 252.6                     | 86.38 | 252.6 | 86.87 | 250.8 | 85.42 | 250.8 | 83.25 | 248.3 | 81.19 | 246.5 | 78.38 |
|        | -7                | -7.6     | 261.5                     | 86.78 | 261.5 | 85.18 | 259.6 | 83.67 | 259.6 | 81.50 | 259.6 | 79.48 | 254.3 | 76.74 |
|        | -5                | -5.6     | 273.0                     | 84.74 | 273.0 | 83.03 | 271.3 | 81.47 | 271.3 | 79.35 | 271.1 | 77.23 | 262.7 | 74.60 |
|        | -3                | -3.7     | 283.8                     | 82.43 | 283.8 | 80.62 | 282.4 | 79.05 | 280.8 | 76.52 | 278.6 | 73.95 | 269.3 | 71.94 |
|        | 0                 | -0.7     | 294.9                     | 77.87 | 294.9 | 75.95 | 293.5 | 74.24 | 291.9 | 72.12 | 289.7 | 70.17 | 270.2 | 65.83 |
|        | 3                 | 2.2      | 306.3                     | 74.81 | 306.3 | 72.74 | 304.6 | 70.90 | 300.9 | 68.43 | 290.3 | 64.67 | 270.2 | 62.23 |
|        | 5                 | 4.1      | 309.3                     | 71.79 | 309.3 | 69.60 | 308.5 | 67.91 | 300.9 | 64.72 | 290.3 | 62.19 | 270.2 | 60.28 |
|        | 7                 | 6        | 309.3                     | 68.22 | 309.3 | 66.03 | 308.5 | 64.30 | 300.9 | 62.00 | 290.3 | 60.17 | 270.2 | 58.37 |
|        | 9                 | 7.9      | 309.3                     | 66.39 | 309.3 | 64.26 | 308.5 | 62.41 | 300.9 | 60.58 | 290.3 | 58.78 | 270.2 | 57.01 |
| 120    | 11                | 9.8      | 309.3                     | 65.43 | 309.3 | 63.31 | 308.5 | 61.50 | 300.9 | 59.67 | 290.3 | 57.91 | 270.2 | 56.18 |
|        | 13                | 11.8     | 309.3                     | 64.35 | 309.3 | 62.30 | 308.5 | 60.47 | 300.9 | 58.74 | 290.3 | 56.97 | 270.2 | 55.28 |
|        | 15                | 13.7     | 309.3                     | 63.23 | 309.3 | 61.19 | 308.5 | 59.39 | 300.9 | 57.69 | 290.3 | 55.96 | 270.2 | 54.28 |
|        | -30               | -30.2    | 93.50                     | 80.89 | 93.50 | 81.36 | 92.70 | 82.03 | 92.70 | 82.71 | 92.70 | 83.70 | 91.20 | 84.48 |
|        | -24.8             | -25      | 155.7                     | 82.38 | 155.7 | 82.82 | 154.6 | 83.52 | 154.6 | 84.16 | 154.6 | 85.15 | 152.2 | 85.89 |
|        | -21.8             | -22      | 189.9                     | 83.22 | 189.9 | 83.69 | 188.5 | 84.36 | 188.5 | 84.98 | 188.5 | 86.02 | 185.8 | 86.70 |
|        | -19.8             | -20      | 200.4                     | 83.79 | 200.4 | 84.23 | 199.1 | 84.89 | 199.1 | 85.54 | 199.1 | 86.55 | 195.8 | 87.24 |
|        | -18.8             | -19      | 205.0                     | 84.06 | 205.0 | 84.50 | 203.5 | 85.16 | 203.5 | 85.81 | 203.5 | 86.82 | 200.5 | 87.53 |
|        | -16.7             | -17      | 214.4                     | 84.65 | 214.4 | 85.09 | 213.0 | 85.74 | 213.0 | 86.36 | 213.0 | 87.40 | 209.7 | 85.36 |
|        | -15               | -15.9    | 221.1                     | 85.03 | 221.1 | 85.47 | 219.6 | 86.12 | 219.6 | 86.77 | 219.6 | 85.79 | 216.3 | 83.83 |
|        | -13.7             | -15      | 227.5                     | 85.45 | 227.5 | 85.89 | 226.3 | 86.54 | 226.3 | 87.22 | 226.3 | 84.20 | 223.0 | 82.33 |
|        | -11.8             | -13      | 235.2                     | 85.97 | 235.2 | 86.44 | 233.7 | 87.09 | 233.7 | 84.97 | 233.7 | 82.24 | 231.0 | 80.38 |
|        | -9.8              | -11      | 242.9                     | 86.52 | 242.9 | 86.96 | 241.3 | 84.66 | 241.3 | 82.65 | 241.3 | 80.14 | 239.2 | 78.39 |
|        | -9.5              | -10      | 245.0                     | 86.58 | 245.0 | 86.58 | 243.2 | 84.31 | 243.2 | 82.31 | 243.2 | 79.80 | 240.8 | 78.08 |
|        | -8.5              | -9.1     | 250.5                     | 86.87 | 250.5 | 85.30 | 249.2 | 83.10 | 249.2 | 81.15 | 248.7 | 78.77 | 246.0 | 77.05 |
|        | -7                | -7.6     | 259.3                     | 85.01 | 259.3 | 83.39 | 257.8 | 81.30 | 257.8 | 79.41 | 255.6 | 77.20 | 250.8 | 75.15 |
|        | -5                | -5.6     | 271.3                     | 82.62 | 271.3 | 80.98 | 269.1 | 78.97 | 267.6 | 76.76 | 265.7 | 74.30 | 253.8 | 71.52 |
|        | -3                | -3.7     | 281.8                     | 80.00 | 281.1 | 78.18 | 277.4 | 75.72 | 275.4 | 73.51 | 273.2 | 71.54 | 253.8 | 67.42 |
|        | 0                 | -0.7     | 292.9                     | 74.97 | 292.2 | 73.24 | 288.2 | 71.56 | 282.0 | 68.97 | 273.2 | 65.95 | 253.8 | 64.59 |
| 110    | 3                 | 2.2      | 304.3                     | 71.43 | 303.6 | 69.70 | 291.8 | 66.45 | 282.0 | 64.09 | 273.2 | 63.11 | 253.8 | 61.90 |
|        | 5                 | 4.1      | 307.0                     | 68.14 | 303.6 | 65.80 | 291.8 | 63.29 | 282.0 | 62.04 | 273.2 | 61.27 | 253.8 | 60.14 |
|        | 7                 | 6        | 307.0                     | 64.29 | 303.6 | 62.36 | 291.8 | 61.13 | 282.0 | 59.98 | 273.2 | 59.40 | 253.8 | 58.33 |
|        | 9                 | 7.9      | 307.0                     | 62.48 | 303.6 | 60.76 | 291.8 | 59.57 | 282.0 | 58.43 | 273.2 | 57.86 | 253.8 | 56.85 |
|        | 11                | 9.8      | 307.0                     | 61.39 | 303.6 | 59.70 | 291.8 | 58.52 | 282.0 | 57.41 | 273.2 | 56.86 | 253.8 | 55.87 |
|        | 13                | 11.8     | 307.0                     | 60.19 | 303.6 | 58.57 | 291.8 | 57.42 | 282.0 | 56.31 | 273.2 | 55.77 | 253.8 | 54.78 |
|        | 15                | 13.7     | 307.0                     | 58.94 | 303.6 | 57.33 | 291.8 | 56.22 | 282.0 | 55.14 | 273.2 | 54.60 | 253.8 | 53.65 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 93.00                     | 81.36 | 93.00 | 82.03 | 92.40 | 82.71 | 92.40 | 83.70 | 92.40 | 84.48 | 90.90 | 84.74 |
|        | -24.8             | -25      | 154.9                     | 82.82 | 154.9 | 83.52 | 153.8 | 84.16 | 153.8 | 85.15 | 153.8 | 85.89 | 151.4 | 86.22 |
|        | -21.8             | -22      | 188.5                     | 83.69 | 188.5 | 84.36 | 187.4 | 84.98 | 187.4 | 86.02 | 187.4 | 86.70 | 184.7 | 87.05 |
|        | -19.8             | -20      | 199.2                     | 84.23 | 199.2 | 84.89 | 198.0 | 85.54 | 198.0 | 86.55 | 198.0 | 87.24 | 194.7 | 87.58 |
|        | -18.8             | -19      | 203.5                     | 84.50 | 203.5 | 85.16 | 202.4 | 85.81 | 202.4 | 86.82 | 202.4 | 87.53 | 199.4 | 86.44 |
|        | -16.7             | -17      | 213.3                     | 85.09 | 213.3 | 85.74 | 211.6 | 86.36 | 211.6 | 87.40 | 211.6 | 88.20 | 208.6 | 87.05 |
|        | -15               | -15.9    | 219.7                     | 85.47 | 219.7 | 86.12 | 218.2 | 86.77 | 218.2 | 87.82 | 218.2 | 88.55 | 216.7 | 87.33 |
|        | -13.7             | -15      | 226.4                     | 85.89 | 226.4 | 86.54 | 224.9 | 87.22 | 224.9 | 88.28 | 224.9 | 89.01 | 224.9 | 87.65 |
|        | -11.8             | -13      | 233.7                     | 86.44 | 233.7 | 87.09 | 232.6 | 87.75 | 232.6 | 88.70 | 232.6 | 89.49 | 228.4 | 87.08 |
|        | -9.8              | -11      | 241.8                     | 86.96 | 241.8 | 87.61 | 240.2 | 88.27 | 240.2 | 89.28 | 240.2 | 90.09 | 228.4 | 87.37 |
|        | -9.5              | -10      | 243.2                     | 86.51 | 243.2 | 87.16 | 242.1 | 87.81 | 242.1 | 88.86 | 242.1 | 89.61 | 228.4 | 87.17 |
|        | -8.5              | -9.1     | 249.2                     | 85.06 | 249.2 | 85.61 | 247.7 | 86.26 | 247.7 | 87.31 | 244.7 | 87.86 | 228.4 | 87.31 |
|        | -7                | -7.6     | 258.1                     | 82.85 | 258.1 | 83.50 | 255.2 | 84.15 | 253.1 | 84.80 | 244.7 | 85.45 | 228.4 | 86.56 |
|        | -5                | -5.6     | 269.5                     | 80.04 | 267.2 | 81.26 | 261.8 | 82.49 | 253.1 | 83.72 | 244.7 | 84.95 | 228.4 | 86.54 |
|        | -3                | -3.7     | 278.1                     | 76.44 | 274.7 | 77.64 | 261.8 | 78.84 | 253.1 | 80.04 | 244.7 | 81.24 | 228.4 | 86.54 |
|        | 0                 | -0.7     | 288.9                     | 71.34 | 278.9 | 72.54 | 261.8 | 73.74 | 253.1 | 74.94 | 244.7 | 76.14 | 228.4 | 86.50 |
|        | 3                 | 2.2      | 295.2                     | 66.12 | 278.9 | 67.32 | 261.8 | 68.52 | 253.1 | 69.72 | 244.7 | 70.92 | 228.4 | 86.53 |
|        | 5                 | 4.1      | 295.2                     | 61.88 | 278.9 | 63.08 | 261.8 | 64.28 | 253.1 | 65.48 | 244.7 | 66.68 | 228.4 | 86.50 |
|        | 7                 | 6        | 295.2                     | 59.22 | 278.9 | 60.42 | 261.8 | 61.62 | 253.1 | 62.82 | 244.7 | 64.02 | 228.4 | 86.51 |
|        | 9                 | 7.9      | 295.2                     | 57.46 | 278.9 | 58.66 | 261.8 | 59.86 | 253.1 | 61.06 | 244.7 | 62.26 | 228.4 | 86.57 |
|        | 11                | 9.8      | 295.2                     | 56.17 | 278.9 | 57.37 | 261.8 | 58.57 | 253.1 | 59.77 | 244.7 | 61.01 | 228.4 | 86.59 |
|        | 13                | 11.8     | 295.2                     | 54.81 | 278.9 | 56.01 | 261.8 | 57.21 | 253.1 | 58.41 | 244.7 | 59.61 | 228.4 | 86.43 |
|        | 15                | 13.7     | 295.2                     | 53.33 | 278.9 | 54.53 | 261.8 | 55.73 | 253.1 | 56.93 | 244.7 | 58.13 | 228.4 | 86.07 |
| 100    | -30               | -30.2    | 92.40                     | 92.04 | 92.40 | 91.71 | 91.90 | 79.92 | 91.90 | 90.72 | 91.90 | 88.48 | 90.40 | 90.15 |
|        | -24.8             | -25      | 154.1                     | 90.73 | 154.1 | 90.38 | 153.3 | 84.21 | 153.3 | 89.42 | 153.3 | 89.06 | 150.6 | 88.85 |
|        | -21.8             | -22      | 187.7                     | 89.99 | 187.7 | 89.59 | 186.6 | 86.68 | 186.6 | 88.69 | 186.6 | 89.38 | 183.9 | 88.12 |
|        | -19.8             | -20      | 198.4                     | 89.46 | 198.4 | 89.09 | 197.0 | 88.22 | 197.0 | 88.16 | 197.0 | 88.15 | 194.0 | 87.58 |
|        | -18.8             | -19      | 202.8                     | 89.20 | 201.6 | 88.86 | 201.6 | 88.48 | 201.6 | 87.90 | 201.6 | 87.53 | 198.6 | 86.20 |
|        | -16.7             | -17      | 210.7                     | 88.71 | 210.7 | 88.31 | 210.7 | 89.04 | 209.6 | 87.40 | 209.6 | 87.66 | 206.6 | 83.27 |
|        | -15               | -15.9    | 218.2                     | 88.29 | 218.2 | 87.92 | 217.4 | 88.11 | 217.0 | 85.33 | 217.0 | 82.58 | 208.6 | 79.28 |
|        | -13.7             | -15      | 225.3                     | 87.91 | 225.3 | 87.57 | 224.1 | 87.22 | 224.1 | 83.26 | 224.1 | 80.55 | 208.6 | 74.79 |
|        | -11.8             | -13      | 232.6                     | 87.47 | 231.4 | 87.09 | 231.4 | 84.47 | 231.4 | 80.65 | 224.2 | 75.54 | 208.6 | 71.72 |
|        | -9.8              | -11      | 240.5                     | 86.96 | 240.5 | 84.03 | 239.4 | 81.59 | 231.8 | 75.42 | 224.2 | 71.22 | 208.6 | 69.07 |
|        | -9.5              | -10      | 242.1                     | 86.47 | 242.1 | 83.55 | 239.4 | 80.57 | 231.8 | 74.52 | 224.2 | 70.63 | 208.6 | 68.69 |
|        | -8.5              | -9.1     | 248.0                     | 84.90 | 248.0 | 82.04 | 239.4 | 77.30 | 231.8 | 71.35 | 224.2 | 68.89 | 208.6 | 67.37 |
|        | -7                | -7.6     | 260.3                     | 82.34 | 254.6 | 78.16 | 239.4 | 72.67 | 231.8 | 69.42 | 224.2 | 66.99 | 208.6 | 65.44 |
|        | -5                | -5.6     | 269.3                     | 78.56 | 254.6 | 72.57 | 239.4 | 70.11 | 231.8 | 66.97 | 224.2 | 64.57 | 208.6 | 62.98 |
|        | -3                | -3.7     | 270.2                     | 73.73 | 254.6 | 69.30 | 239.4 | 67.55 | 231.8 | 64.52 | 224.2 | 62.13 | 208.6 | 60.49 |
|        | 0                 | -0.7     | 270.2                     | 67.35 | 254.6 | 65.16 | 239.4 | 63.64 | 231.8 | 60.83 | 224.2 | 58.48 | 208.6 | 56.75 |
|        | 3                 | 2.2      | 270.2                     | 63.05 | 254.6 | 61.06 | 239.4 | 59.77 | 231.8 | 57.14 | 224.2 | 54.84 | 208.6 | 53.02 |
|        | 5                 | 4.1      | 270.2                     | 60.20 | 254.6 | 58.29 | 239.4 | 57.18 | 231.8 | 54.69 | 224.2 | 52.40 | 208.6 | 50.53 |
|        | 7                 | 6        | 270.2                     | 57.34 | 254.6 | 55.54 | 239.4 | 54.58 | 231.8 | 52.21 | 224.2 | 49.98 | 208.6 | 48.04 |
|        | 9                 | 7.9      | 270.2                     | 55.30 | 254.6 | 53.60 | 239.4 | 52.65 | 231.8 | 50.36 | 224.2 | 48.21 | 208.6 | 46.34 |
|        | 11                | 9.8      | 270.2                     | 53.77 | 254.6 | 52.06 | 239.4 | 51.18 | 231.8 | 48.93 | 224.2 | 46.83 | 208.6 | 45.03 |
|        | 13                | 11.8     | 270.2                     | 52.11 | 254.6 | 50.47 | 239.4 | 49.59 | 231.8 | 47.45 | 224.2 | 45.38 | 208.6 | 43.66 |
|        | 15                | 13.7     | 270.2                     | 50.34 | 254.6 | 48.77 | 239.4 | 47.90 | 231.8 | 45.86 | 224.2 | 43.84 | 208.6 | 42.19 |
| 90     | -30               | -30.2    | 92.30                     | 79.90 | 92.30 | 80.86 | 91.60 | 81.58 | 91.60 | 81.90 | 91.60 | 82.66 | 90.10 | 91.62 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 153.7                     | 81.33 | 153.7 | 82.35 | 152.6 | 83.07 | 152.6 | 83.38 | 152.6 | 84.08 | 150.2 | 85.10 |
|        | -21.8             | -22      | 187.0                     | 82.14 | 187.0 | 83.19 | 185.8 | 83.91 | 185.8 | 84.22 | 185.8 | 84.92 | 183.1 | 81.34 |
|        | -19.8             | -20      | 197.7                     | 82.75 | 197.7 | 83.73 | 196.2 | 84.47 | 196.2 | 84.79 | 196.2 | 82.38 | 190.8 | 77.82 |
|        | -18.8             | -19      | 202.8                     | 83.01 | 201.6 | 84.02 | 200.9 | 84.71 | 200.9 | 83.47 | 200.9 | 81.09 | 190.8 | 74.91 |
|        | -16.7             | -17      | 210.7                     | 83.60 | 210.7 | 84.58 | 209.9 | 82.03 | 209.9 | 80.74 | 205.5 | 76.80 | 190.8 | 70.73 |
|        | -15               | -15.9    | 218.2                     | 83.99 | 218.2 | 82.61 | 216.6 | 80.13 | 212.4 | 77.28 | 205.5 | 73.53 | 190.8 | 68.80 |
|        | -13.7             | -15      | 225.3                     | 84.41 | 225.3 | 80.62 | 218.9 | 76.67 | 212.4 | 73.13 | 205.5 | 70.40 | 190.8 | 66.89 |
|        | -11.8             | -13      | 232.6                     | 81.73 | 231.4 | 78.12 | 218.9 | 71.97 | 212.4 | 70.19 | 205.5 | 67.78 | 190.8 | 64.68 |
|        | -9.8              | -11      | 240.5                     | 78.90 | 232.6 | 73.00 | 218.9 | 69.07 | 212.4 | 67.36 | 205.5 | 65.45 | 190.8 | 62.39 |
|        | -9.5              | -10      | 242.1                     | 78.46 | 232.6 | 72.12 | 218.9 | 68.50 | 212.4 | 66.99 | 205.5 | 65.10 | 190.8 | 62.05 |
|        | -8.5              | -9.1     | 246.8                     | 76.68 | 232.6 | 69.75 | 218.9 | 67.18 | 212.4 | 65.82 | 205.5 | 63.91 | 190.8 | 60.90 |
|        | -7                | -7.6     | 247.4                     | 71.06 | 232.6 | 67.37 | 218.9 | 65.39 | 212.4 | 64.03 | 205.5 | 62.15 | 190.8 | 59.17 |
|        | -5                | -5.6     | 247.4                     | 67.73 | 232.6 | 65.04 | 218.9 | 63.12 | 212.4 | 61.69 | 205.5 | 59.92 | 190.8 | 56.99 |
|        | -3                | -3.7     | 247.4                     | 65.21 | 232.6 | 62.67 | 218.9 | 60.86 | 212.4 | 59.38 | 205.5 | 57.65 | 190.8 | 54.77 |
|        | 0                 | -0.7     | 247.4                     | 61.40 | 232.6 | 59.11 | 218.9 | 57.48 | 212.4 | 55.92 | 205.5 | 54.29 | 190.8 | 51.48 |
|        | 3                 | 2.2      | 247.4                     | 57.59 | 232.6 | 55.61 | 218.9 | 54.07 | 212.4 | 52.46 | 205.5 | 50.90 | 190.8 | 48.16 |
|        | 5                 | 4.1      | 247.4                     | 55.04 | 232.6 | 53.24 | 218.9 | 51.80 | 212.4 | 50.16 | 205.5 | 48.66 | 190.8 | 45.96 |
|        | 7                 | 6        | 247.4                     | 52.52 | 232.6 | 50.91 | 218.9 | 49.53 | 212.4 | 47.85 | 205.5 | 46.43 | 190.8 | 43.79 |
|        | 9                 | 7.9      | 247.4                     | 50.10 | 232.6 | 48.57 | 218.9 | 47.26 | 212.4 | 45.63 | 205.5 | 44.28 | 190.8 | 41.75 |
|        | 11                | 9.8      | 247.4                     | 47.69 | 232.6 | 46.23 | 218.9 | 45.00 | 212.4 | 43.47 | 205.5 | 42.16 | 190.8 | 39.78 |
|        | 13                | 11.8     | 247.4                     | 45.30 | 232.6 | 43.92 | 218.9 | 42.73 | 212.4 | 41.27 | 205.5 | 40.04 | 190.8 | 37.73 |
|        | 15                | 13.7     | 247.4                     | 42.90 | 232.6 | 41.58 | 218.9 | 40.43 | 212.4 | 39.05 | 205.5 | 37.89 | 190.8 | 35.76 |
| 80     | -30               | -30.2    | 91.60                     | 70.28 | 91.60 | 71.33 | 91.20 | 72.12 | 91.20 | 71.19 | 91.20 | 81.38 | 89.70 | 78.01 |
|        | -24.8             | -25      | 153.0                     | 71.81 | 153.0 | 72.86 | 151.9 | 73.58 | 151.9 | 73.90 | 151.9 | 75.62 | 149.5 | 72.48 |
|        | -21.8             | -22      | 185.0                     | 72.69 | 185.0 | 73.71 | 185.0 | 74.43 | 185.0 | 75.45 | 182.6 | 71.41 | 170.6 | 65.70 |
|        | -19.8             | -20      | 195.5                     | 73.27 | 195.5 | 74.29 | 195.2 | 75.20 | 190.0 | 71.07 | 183.2 | 66.64 | 170.6 | 62.97 |
|        | -18.8             | -19      | 200.1                     | 73.57 | 200.1 | 75.28 | 196.1 | 72.71 | 190.0 | 68.59 | 183.2 | 65.29 | 170.6 | 62.01 |
|        | -16.7             | -17      | 206.9                     | 75.18 | 206.9 | 72.85 | 196.1 | 68.01 | 190.0 | 65.51 | 183.2 | 62.58 | 170.6 | 59.95 |
|        | -15               | -15.9    | 212.7                     | 73.37 | 208.6 | 70.43 | 196.1 | 65.96 | 190.0 | 63.72 | 183.2 | 61.04 | 170.6 | 58.45 |
|        | -13.7             | -15      | 217.0                     | 71.12 | 208.6 | 67.51 | 196.1 | 63.97 | 190.0 | 61.97 | 183.2 | 59.53 | 170.6 | 56.98 |
|        | -11.8             | -13      | 221.5                     | 68.51 | 208.6 | 64.44 | 196.1 | 61.90 | 190.0 | 59.98 | 183.2 | 57.58 | 170.6 | 55.14 |
|        | -9.8              | -11      | 221.5                     | 64.56 | 208.6 | 61.52 | 196.1 | 59.76 | 190.0 | 57.81 | 183.2 | 55.55 | 170.6 | 53.18 |
|        | -9.5              | -10      | 221.5                     | 63.77 | 208.6 | 60.82 | 196.1 | 59.42 | 190.0 | 57.50 | 183.2 | 55.25 | 170.6 | 52.88 |
|        | -8.5              | -9.1     | 221.5                     | 62.05 | 208.6 | 59.51 | 196.1 | 58.34 | 190.0 | 56.43 | 183.2 | 54.24 | 170.6 | 51.94 |
|        | -7                | -7.6     | 221.5                     | 59.70 | 208.6 | 57.87 | 196.1 | 56.73 | 190.0 | 54.81 | 183.2 | 52.74 | 170.6 | 50.44 |
|        | -5                | -5.6     | 221.5                     | 57.56 | 208.6 | 55.85 | 196.1 | 54.65 | 190.0 | 52.79 | 183.2 | 50.77 | 170.6 | 48.60 |
|        | -3                | -3.7     | 221.5                     | 55.43 | 208.6 | 53.78 | 196.1 | 52.60 | 190.0 | 50.71 | 183.2 | 48.83 | 170.6 | 46.71 |
|        | 0                 | -0.7     | 221.5                     | 52.24 | 208.6 | 50.70 | 196.1 | 49.48 | 190.0 | 47.66 | 183.2 | 45.91 | 170.6 | 43.90 |
|        | 3                 | 2.2      | 221.5                     | 49.05 | 208.6 | 47.61 | 196.1 | 46.36 | 190.0 | 44.56 | 183.2 | 43.04 | 170.6 | 41.13 |
|        | 5                 | 4.1      | 221.5                     | 46.94 | 208.6 | 45.56 | 196.1 | 44.30 | 190.0 | 42.51 | 183.2 | 41.10 | 170.6 | 39.23 |
|        | 7                 | 6        | 221.5                     | 44.79 | 208.6 | 43.49 | 196.1 | 42.22 | 190.0 | 40.46 | 183.2 | 39.12 | 170.6 | 37.36 |
|        | 9                 | 7.9      | 221.5                     | 42.06 | 208.6 | 40.85 | 196.1 | 39.66 | 190.0 | 38.00 | 183.2 | 36.75 | 170.6 | 35.09 |
|        | 11                | 9.8      | 221.5                     | 39.04 | 208.6 | 37.93 | 196.1 | 36.82 | 190.0 | 35.25 | 183.2 | 34.10 | 170.6 | 32.57 |
|        | 13                | 11.8     | 221.5                     | 36.44 | 208.6 | 35.40 | 196.1 | 34.37 | 190.0 | 32.91 | 183.2 | 31.85 | 170.6 | 30.39 |
|        | 15                | 13.7     | 221.5                     | 34.33 | 208.6 | 33.30 | 196.1 | 32.34 | 190.0 | 31.00 | 183.2 | 29.97 | 170.6 | 28.60 |
| 70     | -30               | -30.2    | 91.60                     | 70.19 | 91.60 | 70.60 | 91.20 | 71.28 | 91.20 | 80.00 | 91.20 | 76.20 | 89.70 | 72.79 |
|        | -24.8             | -25      | 153.0                     | 71.73 | 153.0 | 72.07 | 151.9 | 72.77 | 151.9 | 73.76 | 151.9 | 70.36 | 145.9 | 65.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 177.8                     | 72.61 | 177.1 | 72.50 | 166.8 | 69.46 | 161.1 | 65.83 | 156.2 | 62.82 | 145.9 | 59.91 |
|        | -19.8             | -20      | 187.7                     | 71.49 | 177.4 | 69.36 | 166.8 | 66.69 | 161.1 | 63.60 | 156.2 | 60.75 | 145.9 | 57.88 |
|        | -18.8             | -19      | 187.7                     | 69.80 | 177.4 | 67.83 | 166.8 | 65.53 | 161.1 | 62.47 | 156.2 | 59.68 | 145.9 | 56.86 |
|        | -16.7             | -17      | 187.7                     | 66.52 | 177.4 | 65.19 | 166.8 | 63.07 | 161.1 | 60.15 | 156.2 | 57.49 | 145.9 | 54.73 |
|        | -15               | -15.9    | 187.7                     | 64.67 | 177.4 | 63.40 | 166.8 | 61.31 | 161.1 | 58.46 | 156.2 | 55.92 | 145.9 | 53.23 |
|        | -13.7             | -15      | 187.7                     | 62.84 | 177.4 | 61.60 | 166.8 | 59.59 | 161.1 | 56.82 | 156.2 | 54.39 | 145.9 | 51.73 |
|        | -11.8             | -13      | 187.7                     | 60.57 | 177.4 | 59.33 | 166.8 | 57.38 | 161.1 | 54.72 | 156.2 | 52.41 | 145.9 | 49.81 |
|        | -9.8              | -11      | 187.7                     | 58.25 | 177.4 | 56.91 | 166.8 | 55.06 | 161.1 | 52.51 | 156.2 | 50.34 | 145.9 | 47.82 |
|        | -9.5              | -10      | 187.7                     | 57.89 | 177.4 | 56.57 | 166.8 | 54.70 | 161.1 | 52.18 | 156.2 | 50.04 | 145.9 | 47.52 |
|        | -8.5              | -9.1     | 187.7                     | 56.69 | 177.4 | 55.37 | 166.8 | 53.57 | 161.1 | 51.10 | 156.2 | 49.00 | 145.9 | 46.54 |
|        | -7                | -7.6     | 187.7                     | 54.94 | 177.4 | 53.62 | 166.8 | 51.86 | 161.1 | 49.45 | 156.2 | 47.46 | 145.9 | 45.02 |
|        | -5                | -5.6     | 187.7                     | 52.68 | 177.4 | 51.29 | 166.8 | 49.59 | 161.1 | 47.33 | 156.2 | 45.49 | 145.9 | 43.14 |
|        | -3                | -3.7     | 187.7                     | 50.42 | 177.4 | 49.02 | 166.8 | 47.39 | 161.1 | 45.21 | 156.2 | 43.48 | 145.9 | 41.20 |
|        | 0                 | -0.7     | 187.7                     | 47.01 | 177.4 | 45.57 | 166.8 | 44.05 | 161.1 | 42.04 | 156.2 | 40.50 | 145.9 | 38.32 |
|        | 3                 | 2.2      | 187.7                     | 43.60 | 177.4 | 42.12 | 166.8 | 40.71 | 161.1 | 38.85 | 156.2 | 37.55 | 145.9 | 35.42 |
|        | 5                 | 4.1      | 187.7                     | 41.37 | 177.4 | 39.82 | 166.8 | 38.51 | 161.1 | 36.75 | 156.2 | 35.55 | 145.9 | 33.52 |
|        | 7                 | 6        | 187.7                     | 39.08 | 177.4 | 37.52 | 166.8 | 36.26 | 161.1 | 34.63 | 156.2 | 33.60 | 145.9 | 31.58 |
|        | 9                 | 7.9      | 187.7                     | 35.33 | 177.4 | 33.91 | 166.8 | 32.73 | 161.1 | 31.27 | 156.2 | 30.31 | 145.9 | 28.51 |
|        | 11                | 9.8      | 187.7                     | 32.88 | 177.4 | 31.54 | 166.8 | 30.50 | 161.1 | 29.12 | 156.2 | 28.24 | 145.9 | 26.53 |
|        | 13                | 11.8     | 187.7                     | 30.77 | 177.4 | 29.51 | 166.8 | 28.52 | 161.1 | 27.25 | 156.2 | 26.41 | 145.9 | 24.85 |
|        | 15                | 13.7     | 187.7                     | 29.01 | 177.4 | 27.83 | 166.8 | 26.91 | 161.1 | 25.69 | 156.2 | 24.88 | 145.9 | 23.42 |
| 60     | -30               | -30.2    | 90.70                     | 69.43 | 90.70 | 70.10 | 90.00 | 79.41 | 87.60 | 75.27 | 85.20 | 71.43 | 80.00 | 68.01 |
|        | -24.8             | -25      | 150.9                     | 70.96 | 150.9 | 71.64 | 142.9 | 69.33 | 138.3 | 65.33 | 133.4 | 61.59 | 125.0 | 58.41 |
|        | -21.8             | -22      | 161.1                     | 70.81 | 152.4 | 68.03 | 142.9 | 64.58 | 138.3 | 61.33 | 133.4 | 58.28 | 125.0 | 55.32 |
|        | -19.8             | -20      | 161.1                     | 67.94 | 152.4 | 65.50 | 142.9 | 62.17 | 138.3 | 59.06 | 133.4 | 56.13 | 125.0 | 53.27 |
|        | -18.8             | -19      | 161.1                     | 66.64 | 152.4 | 64.23 | 142.9 | 61.01 | 138.3 | 57.98 | 133.4 | 55.08 | 125.0 | 52.22 |
|        | -16.7             | -17      | 161.1                     | 63.98 | 152.4 | 61.57 | 142.9 | 58.46 | 138.3 | 55.60 | 133.4 | 52.88 | 125.0 | 50.09 |
|        | -15               | -15.9    | 161.1                     | 62.08 | 152.4 | 59.68 | 142.9 | 56.67 | 138.3 | 53.92 | 133.4 | 51.29 | 125.0 | 48.56 |
|        | -13.7             | -15      | 161.1                     | 60.20 | 152.4 | 57.82 | 142.9 | 54.89 | 138.3 | 52.25 | 133.4 | 49.73 | 125.0 | 47.04 |
|        | -11.8             | -13      | 161.1                     | 57.80 | 152.4 | 55.42 | 142.9 | 52.64 | 138.3 | 50.13 | 133.4 | 47.72 | 125.0 | 45.10 |
|        | -9.8              | -11      | 161.1                     | 55.25 | 152.4 | 52.91 | 142.9 | 50.29 | 138.3 | 47.91 | 133.4 | 45.64 | 125.0 | 43.09 |
|        | -9.5              | -10      | 161.1                     | 54.88 | 152.4 | 52.54 | 142.9 | 49.96 | 138.3 | 47.58 | 133.4 | 45.30 | 125.0 | 42.78 |
|        | -8.5              | -9.1     | 161.1                     | 53.63 | 152.4 | 51.31 | 142.9 | 48.77 | 138.3 | 46.50 | 133.4 | 44.29 | 125.0 | 41.78 |
|        | -7                | -7.6     | 161.1                     | 51.78 | 152.4 | 49.46 | 142.9 | 47.00 | 138.3 | 44.82 | 133.4 | 42.73 | 125.0 | 40.26 |
|        | -5                | -5.6     | 161.1                     | 49.32 | 152.4 | 47.02 | 142.9 | 44.73 | 138.3 | 42.68 | 133.4 | 40.70 | 125.0 | 38.33 |
|        | -3                | -3.7     | 161.1                     | 46.92 | 152.4 | 44.62 | 142.9 | 42.45 | 138.3 | 40.54 | 133.4 | 38.67 | 125.0 | 36.36 |
|        | 0                 | -0.7     | 161.1                     | 43.25 | 152.4 | 40.98 | 142.9 | 39.02 | 138.3 | 37.32 | 133.4 | 35.67 | 125.0 | 33.43 |
|        | 3                 | 2.2      | 161.1                     | 39.61 | 152.4 | 37.37 | 142.9 | 35.58 | 138.3 | 34.11 | 133.4 | 32.63 | 125.0 | 30.50 |
|        | 5                 | 4.1      | 161.1                     | 37.18 | 152.4 | 34.97 | 142.9 | 33.33 | 138.3 | 31.96 | 133.4 | 30.63 | 125.0 | 28.53 |
|        | 7                 | 6        | 161.1                     | 34.76 | 152.4 | 32.54 | 142.9 | 31.04 | 138.3 | 29.82 | 133.4 | 28.59 | 125.0 | 26.60 |
|        | 9                 | 7.9      | 161.1                     | 31.00 | 152.4 | 29.05 | 142.9 | 27.68 | 138.3 | 26.63 | 133.4 | 25.53 | 125.0 | 23.74 |
|        | 11                | 9.8      | 161.1                     | 28.94 | 152.4 | 27.11 | 142.9 | 25.84 | 138.3 | 24.88 | 133.4 | 23.85 | 125.0 | 22.16 |
|        | 13                | 11.8     | 161.1                     | 27.11 | 152.4 | 25.38 | 142.9 | 24.23 | 138.3 | 23.30 | 133.4 | 22.32 | 125.0 | 20.75 |
|        | 15                | 13.7     | 161.1                     | 25.61 | 152.4 | 24.00 | 142.9 | 22.89 | 138.3 | 21.97 | 133.4 | 21.12 | 125.0 | 19.63 |
| 50     | -30               | -30.2    | 86.10                     | 60.61 | 81.20 | 69.04 | 76.20 | 65.43 | 73.90 | 62.10 | 71.20 | 58.80 | 66.60 | 55.96 |
|        | -24.8             | -25      | 134.5                     | 58.28 | 126.9 | 59.21 | 119.3 | 56.13 | 115.5 | 53.27 | 111.4 | 50.55 | 103.8 | 48.00 |
|        | -21.8             | -22      | 134.5                     | 59.08 | 126.9 | 56.03 | 119.3 | 53.15 | 115.5 | 50.43 | 111.4 | 47.91 | 103.8 | 45.43 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 134.5                     | 56.85 | 126.9 | 53.89 | 119.3 | 51.14 | 115.5 | 48.55 | 111.4 | 46.14 | 103.8 | 43.73 |
|        | -18.8             | -19      | 134.5                     | 55.77 | 126.9 | 52.83 | 119.3 | 50.20 | 115.5 | 47.60 | 111.4 | 45.26 | 103.8 | 42.93 |
|        | -16.7             | -17      | 134.5                     | 53.46 | 126.9 | 50.64 | 119.3 | 48.09 | 115.5 | 45.61 | 111.4 | 43.42 | 103.8 | 41.15 |
|        | -15               | -15.9    | 134.5                     | 51.80 | 126.9 | 49.03 | 119.3 | 46.61 | 115.5 | 44.21 | 111.4 | 42.10 | 103.8 | 39.86 |
|        | -13.7             | -15      | 134.5                     | 50.15 | 126.9 | 47.45 | 119.3 | 45.11 | 115.5 | 42.81 | 111.4 | 40.81 | 103.8 | 38.62 |
|        | -11.8             | -13      | 134.5                     | 48.05 | 126.9 | 45.48 | 119.3 | 43.29 | 115.5 | 41.07 | 111.4 | 39.16 | 103.8 | 37.03 |
|        | -9.8              | -11      | 134.5                     | 45.90 | 126.9 | 43.38 | 119.3 | 41.30 | 115.5 | 39.19 | 111.4 | 37.42 | 103.8 | 35.37 |
|        | -9.5              | -10      | 134.5                     | 45.57 | 126.9 | 43.07 | 119.3 | 41.00 | 115.5 | 38.93 | 111.4 | 37.18 | 103.8 | 35.11 |
|        | -8.5              | -9.1     | 134.5                     | 44.50 | 126.9 | 42.01 | 119.3 | 40.05 | 115.5 | 38.01 | 111.4 | 36.32 | 103.8 | 34.27 |
|        | -7                | -7.6     | 134.5                     | 42.82 | 126.9 | 40.47 | 119.3 | 38.59 | 115.5 | 36.62 | 111.4 | 35.01 | 103.8 | 33.03 |
|        | -5                | -5.6     | 134.5                     | 40.72 | 126.9 | 38.45 | 119.3 | 36.70 | 115.5 | 34.85 | 111.4 | 33.34 | 103.8 | 31.42 |
|        | -3                | -3.7     | 134.5                     | 38.66 | 126.9 | 36.42 | 119.3 | 34.80 | 115.5 | 33.02 | 111.4 | 31.65 | 103.8 | 29.80 |
|        | 0                 | -0.7     | 134.5                     | 35.47 | 126.9 | 33.35 | 119.3 | 31.95 | 115.5 | 30.34 | 111.4 | 29.17 | 103.8 | 27.39 |
|        | 3                 | 2.2      | 134.5                     | 32.30 | 126.9 | 30.34 | 119.3 | 29.12 | 115.5 | 27.64 | 111.4 | 26.65 | 103.8 | 24.98 |
|        | 5                 | 4.1      | 134.5                     | 30.19 | 126.9 | 28.32 | 119.3 | 27.25 | 115.5 | 25.84 | 111.4 | 25.00 | 103.8 | 23.36 |
|        | 7                 | 6        | 134.5                     | 28.09 | 126.9 | 26.29 | 119.3 | 25.33 | 115.5 | 24.04 | 111.4 | 23.31 | 103.8 | 21.77 |
|        | 9                 | 7.9      | 134.5                     | 25.37 | 126.9 | 23.74 | 119.3 | 22.88 | 115.5 | 21.73 | 111.4 | 21.05 | 103.8 | 19.67 |
|        | 11                | 9.8      | 134.5                     | 23.73 | 126.9 | 22.21 | 119.3 | 21.40 | 115.5 | 20.33 | 111.4 | 19.71 | 103.8 | 18.37 |
|        | 13                | 11.8     | 134.5                     | 22.28 | 126.9 | 20.86 | 119.3 | 20.10 | 115.5 | 19.10 | 111.4 | 18.49 | 103.8 | 17.26 |
|        | 15                | 13.7     | 134.5                     | 21.09 | 126.9 | 19.75 | 119.3 | 19.02 | 115.5 | 18.03 | 111.4 | 17.52 | 103.8 | 16.31 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM780LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 98.60                     | 83.20 | 98.60 | 83.52 | 97.80 | 83.83 | 97.80 | 84.26 | 97.80 | 84.75 | 95.90 | 85.34 |
|        | -24.8             | -25      | 164.1                     | 84.09 | 164.1 | 84.41 | 162.9 | 84.70 | 162.9 | 85.15 | 162.9 | 85.58 | 160.1 | 86.21 |
|        | -21.8             | -22      | 198.4                     | 84.59 | 198.4 | 84.92 | 197.2 | 85.23 | 197.2 | 85.66 | 197.2 | 86.05 | 193.3 | 86.74 |
|        | -19.8             | -20      | 208.8                     | 84.94 | 208.8 | 85.26 | 207.3 | 85.54 | 207.3 | 85.98 | 207.3 | 86.39 | 203.3 | 87.05 |
|        | -18.8             | -19      | 213.0                     | 85.06 | 213.0 | 85.42 | 211.8 | 85.70 | 211.8 | 86.13 | 211.8 | 86.55 | 207.6 | 87.21 |
|        | -16.7             | -17      | 222.2                     | 85.45 | 222.2 | 85.77 | 220.9 | 86.05 | 220.9 | 86.48 | 220.9 | 86.87 | 216.7 | 87.56 |
|        | -15               | -15.9    | 228.8                     | 85.66 | 228.8 | 85.99 | 227.4 | 86.27 | 227.4 | 86.70 | 227.4 | 87.12 | 223.2 | 85.81 |
|        | -13.7             | -15      | 235.6                     | 85.94 | 235.6 | 86.24 | 234.3 | 86.52 | 234.3 | 86.95 | 234.3 | 87.40 | 229.7 | 84.10 |
|        | -11.8             | -13      | 243.3                     | 86.22 | 243.3 | 86.54 | 241.5 | 86.85 | 241.5 | 87.29 | 241.5 | 85.05 | 237.7 | 81.91 |
|        | -9.8              | -11      | 251.2                     | 86.56 | 251.2 | 86.89 | 249.9 | 87.17 | 249.9 | 84.84 | 249.9 | 82.66 | 246.2 | 79.65 |
|        | -9.5              | -10      | 252.7                     | 86.62 | 252.7 | 86.91 | 251.2 | 86.78 | 251.2 | 84.47 | 251.1 | 82.30 | 247.4 | 79.32 |
|        | -8.5              | -9.1     | 257.7                     | 86.77 | 257.7 | 87.10 | 255.9 | 85.53 | 255.9 | 83.25 | 254.7 | 81.10 | 251.9 | 78.18 |
|        | -7                | -7.6     | 265.1                     | 87.02 | 265.1 | 85.27 | 263.3 | 83.67 | 263.3 | 81.40 | 263.3 | 79.30 | 258.4 | 76.46 |
|        | -5                | -5.6     | 274.6                     | 84.77 | 274.6 | 82.96 | 273.0 | 81.33 | 273.0 | 79.10 | 273.0 | 76.98 | 266.8 | 74.31 |
|        | -3                | -3.7     | 284.4                     | 82.51 | 284.4 | 80.61 | 282.7 | 78.91 | 282.7 | 76.74 | 282.7 | 74.67 | 275.3 | 72.13 |
|        | 0                 | -0.7     | 298.8                     | 79.18 | 298.8 | 77.18 | 297.2 | 75.33 | 297.2 | 73.25 | 297.2 | 71.23 | 277.3 | 66.23 |
|        | 3                 | 2.2      | 313.7                     | 75.82 | 313.7 | 73.69 | 311.7 | 71.80 | 308.8 | 69.11 | 298.0 | 64.82 | 277.3 | 62.25 |
|        | 5                 | 4.1      | 317.5                     | 72.25 | 317.5 | 70.03 | 316.7 | 68.37 | 308.8 | 64.78 | 298.0 | 62.11 | 277.3 | 60.19 |
|        | 7                 | 6        | 317.5                     | 68.00 | 317.5 | 65.83 | 316.7 | 64.15 | 308.8 | 61.77 | 298.0 | 59.94 | 277.3 | 58.15 |
|        | 9                 | 7.9      | 317.5                     | 65.96 | 317.5 | 63.82 | 316.7 | 61.99 | 308.8 | 60.16 | 298.0 | 58.38 | 277.3 | 56.63 |
| 120    | 11                | 9.8      | 317.5                     | 64.79 | 317.5 | 62.69 | 316.7 | 60.90 | 308.8 | 59.09 | 298.0 | 57.35 | 277.3 | 55.64 |
|        | 13                | 11.8     | 317.5                     | 63.50 | 317.5 | 61.48 | 316.7 | 59.67 | 308.8 | 57.96 | 298.0 | 56.23 | 277.3 | 54.56 |
|        | 15                | 13.7     | 317.5                     | 62.16 | 317.5 | 60.16 | 316.7 | 58.40 | 308.8 | 56.73 | 298.0 | 55.03 | 277.3 | 53.37 |
|        | -30               | -30.2    | 97.80                     | 83.52 | 97.80 | 83.83 | 97.10 | 84.26 | 97.10 | 84.75 | 97.10 | 85.34 | 95.10 | 85.87 |
|        | -24.8             | -25      | 162.9                     | 84.41 | 162.9 | 84.70 | 161.8 | 85.15 | 161.8 | 85.58 | 161.8 | 86.21 | 158.6 | 86.70 |
|        | -21.8             | -22      | 197.2                     | 84.92 | 197.2 | 85.23 | 195.7 | 85.66 | 195.7 | 86.05 | 195.7 | 86.74 | 192.1 | 87.17 |
|        | -19.8             | -20      | 207.2                     | 85.26 | 207.2 | 85.54 | 205.9 | 85.98 | 205.9 | 86.39 | 205.9 | 87.05 | 201.8 | 87.48 |
|        | -18.8             | -19      | 211.7                     | 85.42 | 211.7 | 85.70 | 210.2 | 86.13 | 210.2 | 86.55 | 210.2 | 87.21 | 206.4 | 87.67 |
|        | -16.7             | -17      | 220.9                     | 85.77 | 220.9 | 86.05 | 219.4 | 86.48 | 219.4 | 86.87 | 219.4 | 87.56 | 215.1 | 85.41 |
|        | -15               | -15.9    | 227.4                     | 85.99 | 227.4 | 86.27 | 225.9 | 86.70 | 225.9 | 87.12 | 225.9 | 85.89 | 221.6 | 83.82 |
|        | -13.7             | -15      | 233.7                     | 86.24 | 233.7 | 86.52 | 232.4 | 86.95 | 232.4 | 87.40 | 232.4 | 84.22 | 228.1 | 82.27 |
|        | -11.8             | -13      | 241.5                     | 86.54 | 241.5 | 86.85 | 239.8 | 87.29 | 239.8 | 85.05 | 239.8 | 82.18 | 236.2 | 80.24 |
|        | -9.8              | -11      | 249.2                     | 86.89 | 249.2 | 87.17 | 247.7 | 84.73 | 247.7 | 82.62 | 247.7 | 79.98 | 244.6 | 78.17 |
|        | -9.5              | -10      | 251.1                     | 86.91 | 251.1 | 86.77 | 249.2 | 84.36 | 249.2 | 82.26 | 249.2 | 79.63 | 245.8 | 77.85 |
|        | -8.5              | -9.1     | 255.5                     | 87.10 | 255.5 | 85.41 | 254.3 | 83.08 | 254.3 | 81.05 | 254.1 | 78.56 | 250.3 | 76.79 |
|        | -7                | -7.6     | 262.9                     | 85.12 | 262.9 | 83.41 | 261.3 | 81.21 | 261.3 | 79.23 | 260.9 | 76.92 | 256.2 | 75.19 |
|        | -5                | -5.6     | 272.9                     | 82.54 | 272.9 | 80.83 | 270.8 | 78.73 | 270.8 | 76.87 | 270.8 | 74.84 | 260.5 | 71.93 |
|        | -3                | -3.7     | 282.4                     | 80.00 | 282.4 | 78.30 | 280.8 | 76.32 | 280.8 | 74.56 | 280.4 | 72.71 | 260.5 | 67.79 |
|        | 0                 | -0.7     | 296.9                     | 76.20 | 296.9 | 74.44 | 295.0 | 72.68 | 289.4 | 69.71 | 280.4 | 66.15 | 260.5 | 64.77 |
|        | 3                 | 2.2      | 311.7                     | 72.36 | 311.6 | 70.57 | 299.5 | 66.80 | 289.4 | 64.15 | 280.4 | 63.13 | 260.5 | 61.90 |
|        | 5                 | 4.1      | 315.1                     | 68.56 | 311.6 | 66.04 | 299.5 | 63.22 | 289.4 | 61.95 | 280.4 | 61.17 | 260.5 | 60.02 |
|        | 7                 | 6        | 315.1                     | 64.09 | 311.6 | 62.12 | 299.5 | 60.90 | 289.4 | 59.75 | 280.4 | 59.18 | 260.5 | 58.11 |
|        | 9                 | 7.9      | 315.1                     | 62.07 | 311.6 | 60.36 | 299.5 | 59.18 | 289.4 | 58.05 | 280.4 | 57.48 | 260.5 | 56.48 |
|        | 11                | 9.8      | 315.1                     | 60.80 | 311.6 | 59.14 | 299.5 | 57.97 | 289.4 | 56.87 | 280.4 | 56.33 | 260.5 | 55.34 |
|        | 13                | 11.8     | 315.1                     | 59.43 | 311.6 | 57.83 | 299.5 | 56.69 | 289.4 | 55.60 | 280.4 | 55.07 | 260.5 | 54.09 |
|        | 15                | 13.7     | 315.1                     | 58.00 | 311.6 | 56.41 | 299.5 | 55.31 | 289.4 | 54.25 | 280.4 | 53.72 | 260.5 | 52.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 97.40                     | 83.83 | 97.40 | 84.26 | 96.60 | 84.75 | 96.60 | 85.34 | 96.60 | 85.87 | 94.70 | 86.00 |
|        | -24.8             | -25      | 162.1                     | 84.70 | 162.1 | 85.15 | 161.0 | 85.58 | 161.0 | 86.21 | 161.0 | 86.70 | 157.8 | 86.89 |
|        | -21.8             | -22      | 195.8                     | 85.23 | 195.8 | 85.66 | 194.5 | 86.05 | 194.5 | 86.74 | 194.5 | 87.17 | 191.0 | 87.40 |
|        | -19.8             | -20      | 206.1                     | 85.54 | 206.1 | 85.98 | 204.8 | 86.39 | 204.8 | 87.05 | 204.8 | 87.48 | 200.6 | 87.72 |
|        | -18.8             | -19      | 210.3                     | 85.70 | 210.3 | 86.13 | 209.1 | 86.55 | 209.1 | 87.21 | 209.1 | 87.67 | 205.1 | 86.53 |
|        | -16.7             | -17      | 219.7                     | 86.05 | 219.7 | 86.48 | 217.9 | 86.87 | 217.9 | 87.56 | 217.9 | 85.25 | 213.9 | 84.07 |
|        | -15               | -15.9    | 225.9                     | 86.27 | 225.9 | 86.70 | 224.4 | 87.12 | 224.4 | 85.73 | 224.4 | 83.55 | 222.4 | 82.30 |
|        | -13.7             | -15      | 232.4                     | 86.52 | 232.4 | 86.95 | 230.9 | 87.40 | 230.9 | 83.91 | 230.9 | 81.84 | 230.9 | 80.56 |
|        | -11.8             | -13      | 239.9                     | 86.85 | 239.9 | 87.29 | 238.6 | 84.82 | 238.6 | 81.64 | 238.6 | 79.67 | 234.4 | 76.94 |
|        | -9.8              | -11      | 248.0                     | 87.17 | 248.0 | 84.43 | 246.5 | 82.16 | 246.5 | 79.23 | 246.5 | 77.40 | 234.4 | 72.88 |
|        | -9.5              | -10      | 249.2                     | 86.70 | 249.2 | 83.99 | 248.0 | 81.77 | 248.0 | 78.90 | 248.0 | 77.05 | 234.4 | 71.84 |
|        | -8.5              | -9.1     | 254.3                     | 85.18 | 254.3 | 82.56 | 252.8 | 80.45 | 252.8 | 77.67 | 251.1 | 75.43 | 234.4 | 70.73 |
|        | -7                | -7.6     | 261.7                     | 82.87 | 261.7 | 80.41 | 260.1 | 78.43 | 259.8 | 75.80 | 251.1 | 71.70 | 234.4 | 69.10 |
|        | -5                | -5.6     | 271.1                     | 79.92 | 271.1 | 77.70 | 268.7 | 75.69 | 259.8 | 70.95 | 251.1 | 68.40 | 234.4 | 66.97 |
|        | -3                | -3.7     | 280.8                     | 76.96 | 280.8 | 74.95 | 268.7 | 70.61 | 259.8 | 67.66 | 251.1 | 66.33 | 234.4 | 64.87 |
|        | 0                 | -0.7     | 295.0                     | 72.54 | 286.3 | 68.73 | 268.7 | 65.98 | 259.8 | 64.38 | 251.1 | 63.25 | 234.4 | 61.68 |
|        | 3                 | 2.2      | 303.0                     | 66.65 | 286.3 | 63.34 | 268.7 | 62.32 | 259.8 | 61.15 | 251.1 | 60.18 | 234.4 | 58.54 |
|        | 5                 | 4.1      | 303.0                     | 61.83 | 286.3 | 60.74 | 268.7 | 59.92 | 259.8 | 58.94 | 251.1 | 58.11 | 234.4 | 56.40 |
|        | 7                 | 6        | 303.0                     | 59.00 | 286.3 | 58.11 | 268.7 | 57.50 | 259.8 | 56.78 | 251.1 | 56.06 | 234.4 | 54.31 |
|        | 9                 | 7.9      | 303.0                     | 57.09 | 286.3 | 56.22 | 268.7 | 55.61 | 259.8 | 54.93 | 251.1 | 54.21 | 234.4 | 52.53 |
|        | 11                | 9.8      | 303.0                     | 55.66 | 286.3 | 54.82 | 268.7 | 54.20 | 259.8 | 53.53 | 251.1 | 52.84 | 234.4 | 51.21 |
|        | 13                | 11.8     | 303.0                     | 54.13 | 286.3 | 53.33 | 268.7 | 52.73 | 259.8 | 52.08 | 251.1 | 51.40 | 234.4 | 49.81 |
|        | 15                | 13.7     | 303.0                     | 52.49 | 286.3 | 51.70 | 268.7 | 51.13 | 259.8 | 50.51 | 251.1 | 49.85 | 234.4 | 48.30 |
| 100    | -30               | -30.2    | 96.60                     | 93.18 | 96.60 | 92.77 | 96.20 | 80.34 | 96.20 | 91.50 | 96.20 | 89.40 | 94.30 | 90.76 |
|        | -24.8             | -25      | 161.3                     | 91.63 | 161.3 | 91.18 | 160.5 | 84.70 | 160.5 | 89.95 | 160.5 | 89.48 | 157.0 | 89.21 |
|        | -21.8             | -22      | 194.9                     | 90.76 | 194.9 | 90.25 | 193.7 | 87.20 | 193.7 | 89.08 | 193.7 | 89.51 | 190.2 | 88.34 |
|        | -19.8             | -20      | 205.2                     | 90.14 | 205.2 | 89.66 | 203.7 | 88.74 | 203.7 | 88.45 | 203.7 | 88.29 | 199.9 | 87.72 |
|        | -18.8             | -19      | 209.5                     | 89.83 | 208.3 | 89.38 | 208.3 | 88.89 | 208.3 | 88.14 | 208.3 | 87.67 | 204.3 | 86.29 |
|        | -16.7             | -17      | 217.1                     | 89.23 | 217.1 | 88.72 | 217.1 | 89.21 | 216.0 | 87.56 | 216.0 | 84.72 | 212.0 | 83.31 |
|        | -15               | -15.9    | 224.4                     | 88.75 | 224.4 | 88.27 | 223.6 | 88.29 | 223.2 | 85.42 | 223.2 | 82.60 | 214.1 | 79.44 |
|        | -13.7             | -15      | 231.3                     | 88.30 | 231.3 | 87.85 | 230.1 | 87.40 | 230.1 | 83.29 | 230.1 | 80.51 | 214.1 | 75.01 |
|        | -11.8             | -13      | 238.7                     | 87.77 | 237.5 | 87.29 | 237.5 | 84.55 | 237.5 | 80.61 | 230.1 | 75.44 | 214.1 | 72.43 |
|        | -9.8              | -11      | 246.8                     | 87.17 | 246.8 | 84.12 | 245.7 | 81.58 | 237.9 | 75.31 | 230.1 | 71.26 | 214.1 | 69.75 |
|        | -9.5              | -10      | 248.0                     | 86.66 | 248.0 | 83.61 | 245.7 | 80.68 | 237.9 | 74.52 | 230.1 | 70.87 | 214.1 | 69.35 |
|        | -8.5              | -9.1     | 253.1                     | 85.03 | 253.1 | 82.06 | 245.7 | 77.70 | 237.9 | 72.07 | 230.1 | 69.53 | 214.1 | 67.99 |
|        | -7                | -7.6     | 264.4                     | 82.52 | 261.3 | 79.05 | 245.7 | 73.43 | 237.9 | 70.07 | 230.1 | 67.57 | 214.1 | 65.98 |
|        | -5                | -5.6     | 276.2                     | 79.35 | 261.3 | 73.26 | 245.7 | 70.73 | 237.9 | 67.49 | 230.1 | 65.04 | 214.1 | 63.42 |
|        | -3                | -3.7     | 277.3                     | 74.38 | 261.3 | 69.84 | 245.7 | 68.03 | 237.9 | 64.92 | 230.1 | 62.49 | 214.1 | 60.83 |
|        | 0                 | -0.7     | 277.3                     | 67.74 | 261.3 | 65.48 | 245.7 | 63.92 | 237.9 | 61.05 | 230.1 | 58.66 | 214.1 | 56.94 |
|        | 3                 | 2.2      | 277.3                     | 63.18 | 261.3 | 61.15 | 245.7 | 59.84 | 237.9 | 57.19 | 230.1 | 54.88 | 214.1 | 53.04 |
|        | 5                 | 4.1      | 277.3                     | 60.15 | 261.3 | 58.23 | 245.7 | 57.11 | 237.9 | 54.61 | 230.1 | 52.32 | 214.1 | 50.45 |
|        | 7                 | 6        | 277.3                     | 57.13 | 261.3 | 55.33 | 245.7 | 54.37 | 237.9 | 52.01 | 230.1 | 49.80 | 214.1 | 47.86 |
|        | 9                 | 7.9      | 277.3                     | 54.85 | 261.3 | 53.17 | 245.7 | 52.23 | 237.9 | 49.95 | 230.1 | 47.82 | 214.1 | 45.97 |
|        | 11                | 9.8      | 277.3                     | 53.09 | 261.3 | 51.40 | 245.7 | 50.52 | 237.9 | 48.31 | 230.1 | 46.22 | 214.1 | 44.45 |
|        | 13                | 11.8     | 277.3                     | 51.18 | 261.3 | 49.56 | 245.7 | 48.69 | 237.9 | 46.59 | 230.1 | 44.57 | 214.1 | 42.88 |
|        | 15                | 13.7     | 277.3                     | 49.14 | 261.3 | 47.61 | 245.7 | 46.75 | 237.9 | 44.76 | 230.1 | 42.79 | 214.1 | 41.18 |
| 90     | -30               | -30.2    | 96.60                     | 81.93 | 96.60 | 82.53 | 95.90 | 83.00 | 95.90 | 83.20 | 95.90 | 83.72 | 93.90 | 91.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 160.9                     | 82.77 | 160.9 | 83.43 | 159.8 | 83.89 | 159.8 | 84.10 | 159.8 | 84.55 | 156.6 | 85.21 |
|        | -21.8             | -22      | 194.1                     | 83.24 | 194.1 | 83.93 | 192.9 | 84.40 | 192.9 | 84.60 | 192.9 | 85.06 | 189.4 | 81.38 |
|        | -19.8             | -20      | 204.4                     | 83.62 | 204.4 | 84.24 | 202.9 | 84.74 | 202.9 | 84.94 | 202.9 | 82.45 | 195.8 | 77.49 |
|        | -18.8             | -19      | 209.5                     | 83.78 | 208.3 | 84.43 | 207.5 | 84.87 | 207.5 | 83.59 | 207.5 | 81.14 | 195.8 | 74.73 |
|        | -16.7             | -17      | 217.1                     | 84.13 | 217.1 | 84.76 | 216.3 | 82.11 | 216.3 | 80.79 | 211.0 | 76.53 | 195.8 | 71.14 |
|        | -15               | -15.9    | 224.4                     | 84.35 | 224.4 | 82.73 | 222.8 | 80.16 | 218.0 | 77.12 | 211.0 | 73.61 | 195.8 | 69.35 |
|        | -13.7             | -15      | 231.3                     | 84.60 | 231.3 | 80.67 | 224.7 | 76.63 | 218.0 | 73.06 | 211.0 | 70.78 | 195.8 | 67.57 |
|        | -11.8             | -13      | 238.7                     | 81.83 | 237.5 | 78.10 | 224.7 | 71.89 | 218.0 | 70.54 | 211.0 | 68.46 | 195.8 | 65.29 |
|        | -9.8              | -11      | 246.8                     | 78.91 | 238.7 | 72.91 | 224.7 | 69.40 | 218.0 | 68.02 | 211.0 | 66.04 | 195.8 | 62.93 |
|        | -9.5              | -10      | 248.0                     | 78.45 | 238.7 | 72.14 | 224.7 | 69.02 | 218.0 | 67.64 | 211.0 | 65.69 | 195.8 | 62.58 |
|        | -8.5              | -9.1     | 253.1                     | 77.01 | 238.7 | 70.02 | 224.7 | 67.81 | 218.0 | 66.42 | 211.0 | 64.46 | 195.8 | 61.38 |
|        | -7                | -7.6     | 253.9                     | 71.80 | 238.7 | 67.99 | 224.7 | 65.95 | 218.0 | 64.56 | 211.0 | 62.64 | 195.8 | 59.60 |
|        | -5                | -5.6     | 253.9                     | 68.33 | 238.7 | 65.54 | 224.7 | 63.58 | 218.0 | 62.12 | 211.0 | 60.30 | 195.8 | 57.34 |
|        | -3                | -3.7     | 253.9                     | 65.68 | 238.7 | 63.06 | 224.7 | 61.21 | 218.0 | 59.71 | 211.0 | 57.94 | 195.8 | 55.02 |
|        | 0                 | -0.7     | 253.9                     | 61.66 | 238.7 | 59.33 | 224.7 | 57.66 | 218.0 | 56.10 | 211.0 | 54.45 | 195.8 | 51.60 |
|        | 3                 | 2.2      | 253.9                     | 57.66 | 238.7 | 55.65 | 224.7 | 54.09 | 218.0 | 52.48 | 211.0 | 50.92 | 195.8 | 48.17 |
|        | 5                 | 4.1      | 253.9                     | 54.98 | 238.7 | 53.17 | 224.7 | 51.72 | 218.0 | 50.08 | 211.0 | 48.58 | 195.8 | 45.88 |
|        | 7                 | 6        | 253.9                     | 52.31 | 238.7 | 50.71 | 224.7 | 49.34 | 218.0 | 47.66 | 211.0 | 46.25 | 195.8 | 43.62 |
|        | 9                 | 7.9      | 253.9                     | 49.79 | 238.7 | 48.27 | 224.7 | 46.98 | 218.0 | 45.35 | 211.0 | 44.00 | 195.8 | 41.49 |
|        | 11                | 9.8      | 253.9                     | 47.27 | 238.7 | 45.82 | 224.7 | 44.60 | 218.0 | 43.08 | 211.0 | 41.79 | 195.8 | 39.42 |
|        | 13                | 11.8     | 253.9                     | 44.77 | 238.7 | 43.40 | 224.7 | 42.23 | 218.0 | 40.78 | 211.0 | 39.57 | 195.8 | 37.29 |
|        | 15                | 13.7     | 253.9                     | 42.25 | 238.7 | 40.95 | 224.7 | 39.83 | 218.0 | 38.46 | 211.0 | 37.32 | 195.8 | 35.23 |
| 80     | -30               | -30.2    | 95.90                     | 72.31 | 95.90 | 73.00 | 95.40 | 73.53 | 95.40 | 72.92 | 95.40 | 81.57 | 93.50 | 78.11 |
|        | -24.8             | -25      | 160.1                     | 73.24 | 160.1 | 73.93 | 158.9 | 74.40 | 158.9 | 74.60 | 158.9 | 75.72 | 155.8 | 72.50 |
|        | -21.8             | -22      | 192.2                     | 73.78 | 192.2 | 74.44 | 192.2 | 74.91 | 192.0 | 75.49 | 188.0 | 70.81 | 175.1 | 65.75 |
|        | -19.8             | -20      | 202.1                     | 74.13 | 202.1 | 74.79 | 201.2 | 75.12 | 195.0 | 70.59 | 188.0 | 66.53 | 175.1 | 63.67 |
|        | -18.8             | -19      | 206.7                     | 74.32 | 206.7 | 75.41 | 201.2 | 72.32 | 195.0 | 68.35 | 188.0 | 65.51 | 175.1 | 62.70 |
|        | -16.7             | -17      | 212.1                     | 75.33 | 212.1 | 72.92 | 201.2 | 68.11 | 195.0 | 66.02 | 188.0 | 63.27 | 175.1 | 60.57 |
|        | -15               | -15.9    | 216.8                     | 73.47 | 214.1 | 70.95 | 201.2 | 66.40 | 195.0 | 64.32 | 188.0 | 61.69 | 175.1 | 59.02 |
|        | -13.7             | -15      | 221.5                     | 71.65 | 214.1 | 68.32 | 201.2 | 64.70 | 195.0 | 62.65 | 188.0 | 60.13 | 175.1 | 57.51 |
|        | -11.8             | -13      | 227.3                     | 69.20 | 214.1 | 65.06 | 201.2 | 62.56 | 195.0 | 60.58 | 188.0 | 58.12 | 175.1 | 55.61 |
|        | -9.8              | -11      | 227.3                     | 65.04 | 214.1 | 62.03 | 201.2 | 60.35 | 195.0 | 58.34 | 188.0 | 56.02 | 175.1 | 53.59 |
|        | -9.5              | -10      | 227.3                     | 64.25 | 214.1 | 61.33 | 201.2 | 60.00 | 195.0 | 58.03 | 188.0 | 55.71 | 175.1 | 53.29 |
|        | -8.5              | -9.1     | 227.3                     | 62.56 | 214.1 | 60.06 | 201.2 | 58.88 | 195.0 | 56.91 | 188.0 | 54.67 | 175.1 | 52.31 |
|        | -7                | -7.6     | 227.3                     | 60.25 | 214.1 | 58.37 | 201.2 | 57.20 | 195.0 | 55.24 | 188.0 | 53.12 | 175.1 | 50.78 |
|        | -5                | -5.6     | 227.3                     | 58.00 | 214.1 | 56.25 | 201.2 | 55.04 | 195.0 | 53.14 | 188.0 | 51.07 | 175.1 | 48.87 |
|        | -3                | -3.7     | 227.3                     | 55.78 | 214.1 | 54.08 | 201.2 | 52.89 | 195.0 | 50.98 | 188.0 | 49.06 | 175.1 | 46.90 |
|        | 0                 | -0.7     | 227.3                     | 52.43 | 214.1 | 50.86 | 201.2 | 49.64 | 195.0 | 47.79 | 188.0 | 46.03 | 175.1 | 44.00 |
|        | 3                 | 2.2      | 227.3                     | 49.09 | 214.1 | 47.64 | 201.2 | 46.38 | 195.0 | 44.58 | 188.0 | 43.04 | 175.1 | 41.13 |
|        | 5                 | 4.1      | 227.3                     | 46.87 | 214.1 | 45.49 | 201.2 | 44.24 | 195.0 | 42.44 | 188.0 | 41.03 | 175.1 | 39.16 |
|        | 7                 | 6        | 227.3                     | 44.62 | 214.1 | 43.32 | 201.2 | 42.06 | 195.0 | 40.31 | 188.0 | 38.98 | 175.1 | 37.22 |
|        | 9                 | 7.9      | 227.3                     | 41.91 | 214.1 | 40.69 | 201.2 | 39.51 | 195.0 | 37.86 | 188.0 | 36.61 | 175.1 | 34.97 |
|        | 11                | 9.8      | 227.3                     | 38.90 | 214.1 | 37.78 | 201.2 | 36.68 | 195.0 | 35.12 | 188.0 | 33.98 | 175.1 | 32.45 |
|        | 13                | 11.8     | 227.3                     | 36.30 | 214.1 | 35.27 | 201.2 | 34.24 | 195.0 | 32.79 | 188.0 | 31.73 | 175.1 | 30.28 |
|        | 15                | 13.7     | 227.3                     | 34.20 | 214.1 | 33.18 | 201.2 | 32.22 | 195.0 | 30.88 | 188.0 | 29.86 | 175.1 | 28.50 |
| 70     | -30               | -30.2    | 95.90                     | 71.82 | 95.90 | 72.10 | 95.40 | 72.54 | 95.40 | 80.42 | 95.40 | 76.54 | 92.90 | 73.03 |
|        | -24.8             | -25      | 160.1                     | 72.76 | 160.1 | 72.98 | 158.9 | 73.44 | 158.9 | 74.07 | 157.9 | 70.16 | 149.7 | 65.04 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 181.7                     | 73.29 | 181.7 | 73.49 | 171.2 | 70.18 | 165.4 | 66.86 | 160.3 | 63.73 | 149.7 | 60.70 |
|        | -19.8             | -20      | 192.5                     | 72.29 | 182.1 | 70.08 | 171.2 | 67.74 | 165.4 | 64.53 | 160.3 | 61.58 | 149.7 | 58.62 |
|        | -18.8             | -19      | 192.7                     | 70.50 | 182.1 | 68.86 | 171.2 | 66.54 | 165.4 | 63.38 | 160.3 | 60.48 | 149.7 | 57.58 |
|        | -16.7             | -17      | 192.7                     | 67.47 | 182.1 | 66.20 | 171.2 | 63.99 | 165.4 | 60.97 | 160.3 | 58.23 | 149.7 | 55.38 |
|        | -15               | -15.9    | 192.7                     | 65.61 | 182.1 | 64.34 | 171.2 | 62.17 | 165.4 | 59.23 | 160.3 | 56.61 | 149.7 | 53.84 |
|        | -13.7             | -15      | 192.7                     | 63.75 | 182.1 | 62.48 | 171.2 | 60.39 | 165.4 | 57.53 | 160.3 | 55.02 | 149.7 | 52.29 |
|        | -11.8             | -13      | 192.7                     | 61.39 | 182.1 | 60.11 | 171.2 | 58.10 | 165.4 | 55.36 | 160.3 | 52.98 | 149.7 | 50.32 |
|        | -9.8              | -11      | 192.7                     | 58.98 | 182.1 | 57.61 | 171.2 | 55.71 | 165.4 | 53.09 | 160.3 | 50.85 | 149.7 | 48.27 |
|        | -9.5              | -10      | 192.7                     | 58.59 | 182.1 | 57.25 | 171.2 | 55.33 | 165.4 | 52.74 | 160.3 | 50.54 | 149.7 | 47.96 |
|        | -8.5              | -9.1     | 192.7                     | 57.36 | 182.1 | 56.02 | 171.2 | 54.16 | 165.4 | 51.62 | 160.3 | 49.46 | 149.7 | 46.95 |
|        | -7                | -7.6     | 192.7                     | 55.54 | 182.1 | 54.18 | 171.2 | 52.37 | 165.4 | 49.92 | 160.3 | 47.88 | 149.7 | 45.38 |
|        | -5                | -5.6     | 192.7                     | 53.17 | 182.1 | 51.76 | 171.2 | 50.03 | 165.4 | 47.71 | 160.3 | 45.82 | 149.7 | 43.43 |
|        | -3                | -3.7     | 192.7                     | 50.80 | 182.1 | 49.38 | 171.2 | 47.73 | 165.4 | 45.50 | 160.3 | 43.74 | 149.7 | 41.43 |
|        | 0                 | -0.7     | 192.7                     | 47.23 | 182.1 | 45.78 | 171.2 | 44.25 | 165.4 | 42.21 | 160.3 | 40.64 | 149.7 | 38.45 |
|        | 3                 | 2.2      | 192.7                     | 43.67 | 182.1 | 42.18 | 171.2 | 40.76 | 165.4 | 38.88 | 160.3 | 37.58 | 149.7 | 35.44 |
|        | 5                 | 4.1      | 192.7                     | 41.33 | 182.1 | 39.78 | 171.2 | 38.47 | 165.4 | 36.72 | 160.3 | 35.50 | 149.7 | 33.46 |
|        | 7                 | 6        | 192.7                     | 38.94 | 182.1 | 37.37 | 171.2 | 36.12 | 165.4 | 34.51 | 160.3 | 33.47 | 149.7 | 31.46 |
|        | 9                 | 7.9      | 192.7                     | 35.19 | 182.1 | 33.78 | 171.2 | 32.61 | 165.4 | 31.15 | 160.3 | 30.21 | 149.7 | 28.41 |
|        | 11                | 9.8      | 192.7                     | 32.76 | 182.1 | 31.42 | 171.2 | 30.39 | 165.4 | 29.01 | 160.3 | 28.14 | 149.7 | 26.43 |
|        | 13                | 11.8     | 192.7                     | 30.66 | 182.1 | 29.40 | 171.2 | 28.42 | 165.4 | 27.14 | 160.3 | 26.32 | 149.7 | 24.75 |
|        | 15                | 13.7     | 192.7                     | 28.91 | 182.1 | 27.72 | 171.2 | 26.81 | 165.4 | 25.59 | 160.3 | 24.80 | 149.7 | 23.33 |
| 60     | -30               | -30.2    | 93.60                     | 71.29 | 93.60 | 71.73 | 92.80 | 80.27 | 89.70 | 75.97 | 86.60 | 71.99 | 81.10 | 68.48 |
|        | -24.8             | -25      | 155.6                     | 72.23 | 155.6 | 72.67 | 146.7 | 69.63 | 141.9 | 66.00 | 136.9 | 62.60 | 128.3 | 59.44 |
|        | -21.8             | -22      | 165.4                     | 72.15 | 156.4 | 69.48 | 146.7 | 65.88 | 141.9 | 62.49 | 136.9 | 59.33 | 128.3 | 56.24 |
|        | -19.8             | -20      | 165.4                     | 69.40 | 156.4 | 66.85 | 146.7 | 63.38 | 141.9 | 60.14 | 136.9 | 57.10 | 128.3 | 54.12 |
|        | -18.8             | -19      | 165.4                     | 68.05 | 156.4 | 65.53 | 146.7 | 62.17 | 141.9 | 59.01 | 136.9 | 56.01 | 128.3 | 53.05 |
|        | -16.7             | -17      | 165.4                     | 65.26 | 156.4 | 62.76 | 146.7 | 59.52 | 141.9 | 56.55 | 136.9 | 53.73 | 128.3 | 50.85 |
|        | -15               | -15.9    | 165.4                     | 63.29 | 156.4 | 60.79 | 146.7 | 57.67 | 141.9 | 54.82 | 136.9 | 52.08 | 128.3 | 49.27 |
|        | -13.7             | -15      | 165.4                     | 61.32 | 156.4 | 58.85 | 146.7 | 55.82 | 141.9 | 53.08 | 136.9 | 50.46 | 128.3 | 47.69 |
|        | -11.8             | -13      | 165.4                     | 58.80 | 156.4 | 56.35 | 146.7 | 53.47 | 141.9 | 50.88 | 136.9 | 48.39 | 128.3 | 45.70 |
|        | -9.8              | -11      | 165.4                     | 56.15 | 156.4 | 53.73 | 146.7 | 51.03 | 141.9 | 48.57 | 136.9 | 46.22 | 128.3 | 43.61 |
|        | -9.5              | -10      | 165.4                     | 55.76 | 156.4 | 53.35 | 146.7 | 50.68 | 141.9 | 48.22 | 136.9 | 45.88 | 128.3 | 43.30 |
|        | -8.5              | -9.1     | 165.4                     | 54.45 | 156.4 | 52.07 | 146.7 | 49.45 | 141.9 | 47.10 | 136.9 | 44.83 | 128.3 | 42.26 |
|        | -7                | -7.6     | 165.4                     | 52.51 | 156.4 | 50.14 | 146.7 | 47.60 | 141.9 | 45.37 | 136.9 | 43.21 | 128.3 | 40.69 |
|        | -5                | -5.6     | 165.4                     | 49.93 | 156.4 | 47.59 | 146.7 | 45.24 | 141.9 | 43.13 | 136.9 | 41.10 | 128.3 | 38.68 |
|        | -3                | -3.7     | 165.4                     | 47.41 | 156.4 | 45.07 | 146.7 | 42.85 | 141.9 | 40.89 | 136.9 | 38.98 | 128.3 | 36.64 |
|        | 0                 | -0.7     | 165.4                     | 43.55 | 156.4 | 41.26 | 146.7 | 39.26 | 141.9 | 37.54 | 136.9 | 35.85 | 128.3 | 33.59 |
|        | 3                 | 2.2      | 165.4                     | 39.73 | 156.4 | 37.48 | 146.7 | 35.68 | 141.9 | 34.18 | 136.9 | 32.69 | 128.3 | 30.55 |
|        | 5                 | 4.1      | 165.4                     | 37.18 | 156.4 | 34.96 | 146.7 | 33.32 | 141.9 | 31.94 | 136.9 | 30.61 | 128.3 | 28.51 |
|        | 7                 | 6        | 165.4                     | 34.62 | 156.4 | 32.42 | 146.7 | 30.93 | 141.9 | 29.70 | 136.9 | 28.49 | 128.3 | 26.50 |
|        | 9                 | 7.9      | 165.4                     | 30.89 | 156.4 | 28.94 | 146.7 | 27.57 | 141.9 | 26.54 | 136.9 | 25.43 | 128.3 | 23.64 |
|        | 11                | 9.8      | 165.4                     | 28.83 | 156.4 | 27.01 | 146.7 | 25.74 | 141.9 | 24.78 | 136.9 | 23.75 | 128.3 | 22.08 |
|        | 13                | 11.8     | 165.4                     | 27.01 | 156.4 | 25.28 | 146.7 | 24.14 | 141.9 | 23.21 | 136.9 | 22.24 | 128.3 | 20.68 |
|        | 15                | 13.7     | 165.4                     | 25.51 | 156.4 | 23.91 | 146.7 | 22.81 | 141.9 | 21.89 | 136.9 | 21.04 | 128.3 | 19.56 |
| 50     | -30               | -30.2    | 87.30                     | 61.66 | 82.30 | 69.19 | 77.20 | 65.52 | 74.90 | 62.11 | 72.20 | 58.77 | 67.50 | 55.88 |
|        | -24.8             | -25      | 138.0                     | 59.39 | 130.2 | 60.00 | 122.4 | 56.84 | 118.5 | 53.90 | 114.3 | 51.11 | 106.5 | 48.49 |
|        | -21.8             | -22      | 138.0                     | 59.89 | 130.2 | 56.76 | 122.4 | 53.78 | 118.5 | 51.00 | 114.3 | 48.41 | 106.5 | 45.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 138.0                     | 57.61 | 130.2 | 54.56 | 122.4 | 51.74 | 118.5 | 49.07 | 114.3 | 46.61 | 106.5 | 44.14 |
|        | -18.8             | -19      | 138.0                     | 56.48 | 130.2 | 53.47 | 122.4 | 50.77 | 118.5 | 48.11 | 114.3 | 45.72 | 106.5 | 43.33 |
|        | -16.7             | -17      | 138.0                     | 54.12 | 130.2 | 51.23 | 122.4 | 48.61 | 118.5 | 46.08 | 114.3 | 43.83 | 106.5 | 41.51 |
|        | -15               | -15.9    | 138.0                     | 52.42 | 130.2 | 49.57 | 122.4 | 47.10 | 118.5 | 44.65 | 114.3 | 42.48 | 106.5 | 40.20 |
|        | -13.7             | -15      | 138.0                     | 50.72 | 130.2 | 47.95 | 122.4 | 45.57 | 118.5 | 43.22 | 114.3 | 41.16 | 106.5 | 38.93 |
|        | -11.8             | -13      | 138.0                     | 48.57 | 130.2 | 45.94 | 122.4 | 43.69 | 118.5 | 41.43 | 114.3 | 39.47 | 106.5 | 37.32 |
|        | -9.8              | -11      | 138.0                     | 46.35 | 130.2 | 43.78 | 122.4 | 41.66 | 118.5 | 39.51 | 114.3 | 37.70 | 106.5 | 35.61 |
|        | -9.5              | -10      | 138.0                     | 46.01 | 130.2 | 43.47 | 122.4 | 41.35 | 118.5 | 39.24 | 114.3 | 37.45 | 106.5 | 35.35 |
|        | -8.5              | -9.1     | 138.0                     | 44.92 | 130.2 | 42.39 | 122.4 | 40.38 | 118.5 | 38.31 | 114.3 | 36.57 | 106.5 | 34.50 |
|        | -7                | -7.6     | 138.0                     | 43.20 | 130.2 | 40.80 | 122.4 | 38.88 | 118.5 | 36.87 | 114.3 | 35.23 | 106.5 | 33.23 |
|        | -5                | -5.6     | 138.0                     | 41.03 | 130.2 | 38.72 | 122.4 | 36.94 | 118.5 | 35.06 | 114.3 | 33.53 | 106.5 | 31.58 |
|        | -3                | -3.7     | 138.0                     | 38.89 | 130.2 | 36.63 | 122.4 | 34.97 | 118.5 | 33.18 | 114.3 | 31.80 | 106.5 | 29.91 |
|        | 0                 | -0.7     | 138.0                     | 35.61 | 130.2 | 33.47 | 122.4 | 32.05 | 118.5 | 30.43 | 114.3 | 29.24 | 106.5 | 27.45 |
|        | 3                 | 2.2      | 138.0                     | 32.32 | 130.2 | 30.37 | 122.4 | 29.14 | 118.5 | 27.65 | 114.3 | 26.66 | 106.5 | 24.98 |
|        | 5                 | 4.1      | 138.0                     | 30.15 | 130.2 | 28.28 | 122.4 | 27.21 | 118.5 | 25.80 | 114.3 | 24.96 | 106.5 | 23.32 |
|        | 7                 | 6        | 138.0                     | 27.98 | 130.2 | 26.20 | 122.4 | 25.25 | 118.5 | 23.95 | 114.3 | 23.22 | 106.5 | 21.69 |
|        | 9                 | 7.9      | 138.0                     | 25.28 | 130.2 | 23.64 | 122.4 | 22.81 | 118.5 | 21.66 | 114.3 | 20.97 | 106.5 | 19.60 |
|        | 11                | 9.8      | 138.0                     | 23.64 | 130.2 | 22.12 | 122.4 | 21.32 | 118.5 | 20.25 | 114.3 | 19.64 | 106.5 | 18.30 |
|        | 13                | 11.8     | 138.0                     | 22.20 | 130.2 | 20.78 | 122.4 | 20.02 | 118.5 | 19.03 | 114.3 | 18.42 | 106.5 | 17.20 |
|        | 15                | 13.7     | 138.0                     | 21.01 | 130.2 | 19.68 | 122.4 | 18.95 | 118.5 | 17.97 | 114.3 | 17.46 | 106.5 | 16.25 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM800LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 100.0                     | 87.08 | 100.0 | 87.36 | 99.20 | 87.64 | 99.20 | 88.00 | 99.20 | 88.44 | 97.20 | 88.92 |
|        | -24.8             | -25      | 166.4                     | 87.80 | 166.4 | 88.08 | 165.2 | 88.32 | 165.2 | 88.72 | 165.2 | 89.08 | 162.4 | 89.60 |
|        | -21.8             | -22      | 202.4                     | 88.20 | 202.4 | 88.48 | 201.2 | 88.76 | 201.2 | 89.12 | 201.2 | 89.44 | 197.2 | 90.04 |
|        | -19.8             | -20      | 213.6                     | 88.48 | 213.6 | 88.76 | 212.0 | 89.00 | 212.0 | 89.36 | 212.0 | 89.72 | 208.0 | 90.28 |
|        | -18.8             | -19      | 218.0                     | 88.56 | 218.0 | 88.88 | 216.8 | 89.12 | 216.8 | 89.48 | 216.8 | 89.84 | 212.4 | 90.40 |
|        | -16.7             | -17      | 227.6                     | 88.88 | 227.6 | 89.16 | 226.4 | 89.40 | 226.4 | 89.76 | 226.4 | 90.08 | 222.0 | 90.68 |
|        | -15               | -15.9    | 234.4                     | 89.04 | 234.4 | 89.32 | 233.2 | 89.56 | 233.2 | 89.92 | 233.2 | 90.28 | 228.8 | 88.92 |
|        | -13.7             | -15      | 241.6                     | 89.28 | 241.6 | 89.52 | 240.4 | 89.76 | 240.4 | 90.12 | 240.4 | 90.52 | 235.6 | 87.20 |
|        | -11.8             | -13      | 249.6                     | 89.48 | 249.6 | 89.76 | 247.6 | 90.04 | 247.6 | 90.40 | 247.6 | 88.16 | 244.0 | 85.00 |
|        | -9.8              | -11      | 257.6                     | 89.76 | 257.6 | 90.04 | 256.4 | 90.28 | 256.4 | 87.96 | 256.4 | 85.76 | 252.8 | 82.72 |
|        | -9.5              | -10      | 259.2                     | 89.80 | 259.2 | 90.04 | 257.6 | 89.88 | 257.6 | 87.60 | 257.6 | 85.40 | 254.0 | 82.40 |
|        | -8.5              | -9.1     | 264.4                     | 89.92 | 264.4 | 90.20 | 262.4 | 88.64 | 262.4 | 86.36 | 261.2 | 84.20 | 258.8 | 81.24 |
|        | -7                | -7.6     | 272.0                     | 90.12 | 272.0 | 88.40 | 270.0 | 86.80 | 270.0 | 84.52 | 270.0 | 82.40 | 265.6 | 79.52 |
|        | -5                | -5.6     | 281.6                     | 87.92 | 281.6 | 86.12 | 280.0 | 84.48 | 280.0 | 82.24 | 280.0 | 80.08 | 274.4 | 77.36 |
|        | -3                | -3.7     | 291.6                     | 85.72 | 291.6 | 83.80 | 290.0 | 82.08 | 290.0 | 79.88 | 290.0 | 77.76 | 283.2 | 75.16 |
|        | 0                 | -0.7     | 306.4                     | 82.48 | 306.4 | 80.44 | 304.8 | 78.52 | 304.8 | 76.40 | 304.8 | 74.32 | 284.4 | 68.88 |
|        | 3                 | 2.2      | 321.6                     | 79.20 | 321.6 | 77.00 | 319.6 | 75.04 | 316.8 | 72.28 | 305.6 | 67.80 | 284.4 | 65.12 |
|        | 5                 | 4.1      | 325.6                     | 75.64 | 325.6 | 73.32 | 324.8 | 71.60 | 316.8 | 67.88 | 305.6 | 65.04 | 284.4 | 63.04 |
|        | 7                 | 6        | 325.6                     | 71.36 | 325.6 | 69.08 | 324.8 | 67.32 | 316.8 | 64.80 | 305.6 | 62.88 | 284.4 | 61.00 |
|        | 9                 | 7.9      | 325.6                     | 69.32 | 325.6 | 67.08 | 324.8 | 65.16 | 316.8 | 63.24 | 305.6 | 61.36 | 284.4 | 59.52 |
| 120    | 11                | 9.8      | 325.6                     | 68.24 | 325.6 | 66.04 | 324.8 | 64.16 | 316.8 | 62.24 | 305.6 | 60.40 | 284.4 | 58.60 |
|        | 13                | 11.8     | 325.6                     | 67.04 | 325.6 | 64.92 | 324.8 | 63.00 | 316.8 | 61.20 | 305.6 | 59.36 | 284.4 | 57.60 |
|        | 15                | 13.7     | 325.6                     | 65.80 | 325.6 | 63.68 | 324.8 | 61.80 | 316.8 | 60.04 | 305.6 | 58.24 | 284.4 | 56.48 |
|        | -30               | -30.2    | 99.20                     | 87.36 | 99.20 | 87.64 | 98.40 | 88.00 | 98.40 | 88.44 | 98.40 | 88.92 | 96.40 | 89.40 |
|        | -24.8             | -25      | 165.2                     | 88.08 | 165.2 | 88.32 | 164.0 | 88.72 | 164.0 | 89.08 | 164.0 | 89.60 | 160.8 | 90.04 |
|        | -21.8             | -22      | 201.2                     | 88.48 | 201.2 | 88.76 | 199.6 | 89.12 | 199.6 | 89.44 | 199.6 | 90.04 | 196.0 | 90.40 |
|        | -19.8             | -20      | 212.0                     | 88.76 | 212.0 | 89.00 | 210.8 | 89.36 | 210.8 | 89.72 | 210.8 | 90.28 | 206.4 | 90.64 |
|        | -18.8             | -19      | 216.8                     | 88.88 | 216.8 | 89.12 | 215.2 | 89.48 | 215.2 | 89.84 | 215.2 | 90.40 | 211.2 | 90.80 |
|        | -16.7             | -17      | 226.4                     | 89.16 | 226.4 | 89.40 | 224.8 | 89.76 | 224.8 | 90.08 | 224.8 | 90.68 | 220.4 | 88.52 |
|        | -15               | -15.9    | 233.2                     | 89.32 | 233.2 | 89.56 | 231.6 | 89.92 | 231.6 | 90.28 | 231.6 | 89.00 | 227.2 | 86.92 |
|        | -13.7             | -15      | 239.6                     | 89.52 | 239.6 | 89.76 | 238.4 | 90.12 | 238.4 | 90.52 | 238.4 | 87.32 | 234.0 | 85.36 |
|        | -11.8             | -13      | 247.6                     | 89.76 | 247.6 | 90.04 | 246.0 | 90.40 | 246.0 | 88.16 | 246.0 | 85.28 | 242.4 | 83.32 |
|        | -9.8              | -11      | 255.6                     | 90.04 | 255.6 | 90.28 | 254.0 | 87.84 | 254.0 | 85.72 | 254.0 | 83.08 | 251.2 | 81.24 |
|        | -9.5              | -10      | 257.6                     | 90.04 | 257.6 | 89.88 | 255.6 | 87.48 | 255.6 | 85.36 | 255.6 | 82.72 | 252.4 | 80.92 |
|        | -8.5              | -9.1     | 262.0                     | 90.20 | 262.0 | 88.52 | 260.8 | 86.20 | 260.8 | 84.16 | 260.8 | 81.64 | 257.2 | 79.84 |
|        | -7                | -7.6     | 269.6                     | 88.24 | 269.6 | 86.52 | 268.0 | 84.32 | 268.0 | 82.32 | 268.0 | 80.00 | 263.2 | 78.24 |
|        | -5                | -5.6     | 280.0                     | 85.68 | 280.0 | 83.96 | 277.6 | 81.84 | 277.6 | 79.96 | 277.6 | 77.92 | 267.2 | 74.72 |
|        | -3                | -3.7     | 289.6                     | 83.16 | 289.6 | 81.44 | 288.0 | 79.44 | 288.0 | 77.64 | 287.6 | 75.80 | 267.2 | 70.48 |
|        | 0                 | -0.7     | 304.4                     | 79.40 | 304.4 | 77.60 | 302.4 | 75.80 | 296.8 | 72.76 | 287.6 | 69.08 | 267.2 | 67.64 |
|        | 3                 | 2.2      | 319.6                     | 75.60 | 319.6 | 73.76 | 307.2 | 69.84 | 296.8 | 67.08 | 287.6 | 66.04 | 267.2 | 64.76 |
|        | 5                 | 4.1      | 323.2                     | 71.80 | 319.6 | 69.16 | 307.2 | 66.20 | 296.8 | 64.88 | 287.6 | 64.08 | 267.2 | 62.88 |
|        | 7                 | 6        | 323.2                     | 67.24 | 319.6 | 65.16 | 307.2 | 63.88 | 296.8 | 62.68 | 287.6 | 62.08 | 267.2 | 60.96 |
|        | 9                 | 7.9      | 323.2                     | 65.24 | 319.6 | 63.44 | 307.2 | 62.20 | 296.8 | 61.00 | 287.6 | 60.40 | 267.2 | 59.36 |
|        | 11                | 9.8      | 323.2                     | 64.04 | 319.6 | 62.28 | 307.2 | 61.04 | 296.8 | 59.88 | 287.6 | 59.32 | 267.2 | 58.28 |
|        | 13                | 11.8     | 323.2                     | 62.72 | 319.6 | 61.04 | 307.2 | 59.84 | 296.8 | 58.68 | 287.6 | 58.12 | 267.2 | 57.08 |
|        | 15                | 13.7     | 323.2                     | 61.36 | 319.6 | 59.68 | 307.2 | 58.52 | 296.8 | 57.40 | 287.6 | 56.84 | 267.2 | 55.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 98.80                     | 87.64 | 98.80 | 88.00 | 98.00 | 88.44 | 98.00 | 88.92 | 98.00 | 89.40 | 96.00 | 89.48 |
|        | -24.8             | -25      | 164.4                     | 88.32 | 164.4 | 88.72 | 163.2 | 89.08 | 163.2 | 89.60 | 163.2 | 90.04 | 160.0 | 90.20 |
|        | -21.8             | -22      | 199.6                     | 88.76 | 199.6 | 89.12 | 198.4 | 89.44 | 198.4 | 90.04 | 198.4 | 90.40 | 194.8 | 90.60 |
|        | -19.8             | -20      | 210.8                     | 89.00 | 210.8 | 89.36 | 209.6 | 89.72 | 209.6 | 90.28 | 209.6 | 90.64 | 205.2 | 90.84 |
|        | -18.8             | -19      | 215.2                     | 89.12 | 215.2 | 89.48 | 214.0 | 89.84 | 214.0 | 90.40 | 214.0 | 90.80 | 210.0 | 89.64 |
|        | -16.7             | -17      | 225.2                     | 89.40 | 225.2 | 89.76 | 223.2 | 90.08 | 223.2 | 90.68 | 223.2 | 88.36 | 219.2 | 87.16 |
|        | -15               | -15.9    | 231.6                     | 89.56 | 231.6 | 89.92 | 230.0 | 90.28 | 230.0 | 88.84 | 230.0 | 86.64 | 228.0 | 85.36 |
|        | -13.7             | -15      | 238.4                     | 89.76 | 238.4 | 90.12 | 236.8 | 90.52 | 236.8 | 87.00 | 236.8 | 84.92 | 236.8 | 83.60 |
|        | -11.8             | -13      | 246.0                     | 90.04 | 246.0 | 90.40 | 244.8 | 87.92 | 244.8 | 84.72 | 244.8 | 82.72 | 240.4 | 79.88 |
|        | -9.8              | -11      | 254.4                     | 90.28 | 254.4 | 87.52 | 252.8 | 85.24 | 252.8 | 82.28 | 252.8 | 80.44 | 240.4 | 75.64 |
|        | -9.5              | -10      | 255.6                     | 89.80 | 255.6 | 87.08 | 254.4 | 84.84 | 254.4 | 81.96 | 254.4 | 80.08 | 240.4 | 74.68 |
|        | -8.5              | -9.1     | 260.8                     | 88.28 | 260.8 | 85.64 | 259.2 | 83.52 | 259.2 | 80.72 | 257.6 | 78.48 | 240.4 | 73.56 |
|        | -7                | -7.6     | 268.4                     | 85.96 | 268.4 | 83.48 | 266.8 | 81.48 | 266.4 | 78.80 | 257.6 | 74.60 | 240.4 | 71.92 |
|        | -5                | -5.6     | 278.0                     | 83.00 | 278.0 | 80.76 | 275.6 | 78.72 | 266.4 | 73.84 | 257.6 | 71.24 | 240.4 | 69.76 |
|        | -3                | -3.7     | 288.0                     | 80.04 | 288.0 | 78.00 | 275.6 | 73.56 | 266.4 | 70.52 | 257.6 | 69.16 | 240.4 | 67.64 |
|        | 0                 | -0.7     | 302.4                     | 75.60 | 293.6 | 71.68 | 275.6 | 68.84 | 266.4 | 67.20 | 257.6 | 66.04 | 240.4 | 64.40 |
|        | 3                 | 2.2      | 310.8                     | 69.68 | 293.6 | 66.20 | 275.6 | 65.16 | 266.4 | 63.96 | 257.6 | 62.96 | 240.4 | 61.24 |
|        | 5                 | 4.1      | 310.8                     | 64.72 | 293.6 | 63.60 | 275.6 | 62.76 | 266.4 | 61.72 | 257.6 | 60.88 | 240.4 | 59.08 |
|        | 7                 | 6        | 310.8                     | 61.88 | 293.6 | 60.96 | 275.6 | 60.32 | 266.4 | 59.56 | 257.6 | 58.80 | 240.4 | 56.96 |
|        | 9                 | 7.9      | 310.8                     | 60.00 | 293.6 | 59.08 | 275.6 | 58.44 | 266.4 | 57.72 | 257.6 | 56.96 | 240.4 | 55.20 |
|        | 11                | 9.8      | 310.8                     | 58.60 | 293.6 | 57.72 | 275.6 | 57.08 | 266.4 | 56.36 | 257.6 | 55.64 | 240.4 | 53.92 |
|        | 13                | 11.8     | 310.8                     | 57.12 | 293.6 | 56.28 | 275.6 | 55.64 | 266.4 | 54.96 | 257.6 | 54.24 | 240.4 | 52.56 |
|        | 15                | 13.7     | 310.8                     | 55.52 | 293.6 | 54.68 | 275.6 | 54.08 | 266.4 | 53.44 | 257.6 | 52.72 | 240.4 | 51.08 |
| 100    | -30               | -30.2    | 98.00                     | 98.80 | 98.00 | 98.16 | 97.60 | 83.80 | 97.60 | 96.28 | 97.60 | 93.60 | 95.60 | 95.16 |
|        | -24.8             | -25      | 163.6                     | 96.60 | 163.6 | 95.92 | 162.8 | 88.32 | 162.8 | 94.08 | 162.8 | 93.36 | 159.2 | 92.96 |
|        | -21.8             | -22      | 198.8                     | 95.36 | 198.8 | 94.60 | 197.6 | 90.92 | 197.6 | 92.84 | 197.6 | 93.20 | 194.0 | 91.72 |
|        | -19.8             | -20      | 210.0                     | 94.48 | 210.0 | 93.76 | 208.4 | 92.52 | 208.4 | 91.96 | 208.4 | 91.60 | 204.4 | 90.84 |
|        | -18.8             | -19      | 214.4                     | 94.04 | 213.2 | 93.36 | 213.2 | 92.64 | 213.2 | 91.52 | 213.2 | 90.80 | 209.2 | 89.40 |
|        | -16.7             | -17      | 222.4                     | 93.20 | 222.4 | 92.44 | 222.4 | 92.88 | 221.2 | 90.68 | 221.2 | 87.80 | 217.2 | 86.36 |
|        | -15               | -15.9    | 230.0                     | 92.52 | 230.0 | 91.80 | 229.2 | 91.68 | 228.8 | 88.52 | 228.8 | 85.64 | 219.6 | 82.44 |
|        | -13.7             | -15      | 237.2                     | 91.88 | 237.2 | 91.20 | 236.0 | 90.52 | 236.0 | 86.36 | 236.0 | 83.52 | 219.6 | 77.84 |
|        | -11.8             | -13      | 244.8                     | 91.12 | 243.6 | 90.40 | 243.6 | 87.64 | 243.6 | 83.64 | 236.0 | 78.32 | 219.6 | 75.20 |
|        | -9.8              | -11      | 253.2                     | 90.28 | 253.2 | 87.20 | 252.0 | 84.64 | 244.0 | 78.20 | 236.0 | 74.04 | 219.6 | 72.48 |
|        | -9.5              | -10      | 254.4                     | 89.76 | 254.4 | 86.68 | 252.0 | 83.72 | 244.0 | 77.40 | 236.0 | 73.64 | 219.6 | 72.08 |
|        | -8.5              | -9.1     | 259.6                     | 88.12 | 259.6 | 85.12 | 252.0 | 80.64 | 244.0 | 74.88 | 236.0 | 72.28 | 219.6 | 70.68 |
|        | -7                | -7.6     | 271.2                     | 85.60 | 268.0 | 82.08 | 252.0 | 76.28 | 244.0 | 72.84 | 236.0 | 70.28 | 219.6 | 68.64 |
|        | -5                | -5.6     | 283.2                     | 82.40 | 268.0 | 76.16 | 252.0 | 73.56 | 244.0 | 70.24 | 236.0 | 67.72 | 219.6 | 66.04 |
|        | -3                | -3.7     | 284.4                     | 77.36 | 268.0 | 72.68 | 252.0 | 70.84 | 244.0 | 67.64 | 236.0 | 65.12 | 219.6 | 63.40 |
|        | 0                 | -0.7     | 284.4                     | 70.60 | 268.0 | 68.28 | 252.0 | 66.68 | 244.0 | 63.72 | 236.0 | 61.24 | 219.6 | 59.44 |
|        | 3                 | 2.2      | 284.4                     | 66.00 | 268.0 | 63.92 | 252.0 | 62.56 | 244.0 | 59.80 | 236.0 | 57.40 | 219.6 | 55.48 |
|        | 5                 | 4.1      | 284.4                     | 62.96 | 268.0 | 60.96 | 252.0 | 59.80 | 244.0 | 57.20 | 236.0 | 54.80 | 219.6 | 52.84 |
|        | 7                 | 6        | 284.4                     | 59.92 | 268.0 | 58.04 | 252.0 | 57.04 | 244.0 | 54.56 | 236.0 | 52.24 | 219.6 | 50.20 |
|        | 9                 | 7.9      | 284.4                     | 57.80 | 268.0 | 56.04 | 252.0 | 55.04 | 244.0 | 52.64 | 236.0 | 50.40 | 219.6 | 48.44 |
|        | 11                | 9.8      | 284.4                     | 56.24 | 268.0 | 54.44 | 252.0 | 53.52 | 244.0 | 51.16 | 236.0 | 48.96 | 219.6 | 47.08 |
|        | 13                | 11.8     | 284.4                     | 54.52 | 268.0 | 52.80 | 252.0 | 51.88 | 244.0 | 49.64 | 236.0 | 47.48 | 219.6 | 45.68 |
|        | 15                | 13.7     | 284.4                     | 52.68 | 268.0 | 51.04 | 252.0 | 50.12 | 244.0 | 48.00 | 236.0 | 45.88 | 219.6 | 44.16 |
| 90     | -30               | -30.2    | 98.00                     | 86.00 | 98.00 | 86.48 | 97.20 | 86.88 | 97.20 | 87.04 | 97.20 | 87.52 | 95.20 | 95.56 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 163.2                     | 86.64 | 163.2 | 87.20 | 162.0 | 87.60 | 162.0 | 87.76 | 162.0 | 88.16 | 158.8 | 88.72 |
|        | -21.8             | -22      | 198.0                     | 87.00 | 198.0 | 87.60 | 196.8 | 88.00 | 196.8 | 88.16 | 196.8 | 88.56 | 193.2 | 84.76 |
|        | -19.8             | -20      | 209.2                     | 87.32 | 209.2 | 87.84 | 207.6 | 88.28 | 207.6 | 88.44 | 207.6 | 85.88 | 200.8 | 80.92 |
|        | -18.8             | -19      | 214.4                     | 87.44 | 213.2 | 88.00 | 212.4 | 88.36 | 212.4 | 87.04 | 212.4 | 84.52 | 200.8 | 78.00 |
|        | -16.7             | -17      | 222.4                     | 87.72 | 222.4 | 88.24 | 221.6 | 85.52 | 221.6 | 84.16 | 216.4 | 79.80 | 200.8 | 74.16 |
|        | -15               | -15.9    | 230.0                     | 87.88 | 230.0 | 86.16 | 228.4 | 83.52 | 223.6 | 80.40 | 216.4 | 76.76 | 200.8 | 72.32 |
|        | -13.7             | -15      | 237.2                     | 88.08 | 237.2 | 84.04 | 230.4 | 79.84 | 223.6 | 76.16 | 216.4 | 73.80 | 200.8 | 70.48 |
|        | -11.8             | -13      | 244.8                     | 85.24 | 243.6 | 81.40 | 230.4 | 74.92 | 223.6 | 73.56 | 216.4 | 71.40 | 200.8 | 68.12 |
|        | -9.8              | -11      | 253.2                     | 82.24 | 244.8 | 76.00 | 230.4 | 72.40 | 223.6 | 70.96 | 216.4 | 68.92 | 200.8 | 65.68 |
|        | -9.5              | -10      | 254.4                     | 81.76 | 244.8 | 75.20 | 230.4 | 72.00 | 223.6 | 70.56 | 216.4 | 68.56 | 200.8 | 65.32 |
|        | -8.5              | -9.1     | 259.6                     | 80.28 | 244.8 | 73.04 | 230.4 | 70.76 | 223.6 | 69.32 | 216.4 | 67.28 | 200.8 | 64.08 |
|        | -7                | -7.6     | 260.4                     | 74.88 | 244.8 | 70.96 | 230.4 | 68.84 | 223.6 | 67.40 | 216.4 | 65.40 | 200.8 | 62.24 |
|        | -5                | -5.6     | 260.4                     | 71.32 | 244.8 | 68.44 | 230.4 | 66.40 | 223.6 | 64.88 | 216.4 | 63.00 | 200.8 | 59.92 |
|        | -3                | -3.7     | 260.4                     | 68.60 | 244.8 | 65.88 | 230.4 | 63.96 | 223.6 | 62.40 | 216.4 | 60.56 | 200.8 | 57.52 |
|        | 0                 | -0.7     | 260.4                     | 64.48 | 244.8 | 62.04 | 230.4 | 60.32 | 223.6 | 58.68 | 216.4 | 56.96 | 200.8 | 54.00 |
|        | 3                 | 2.2      | 260.4                     | 60.36 | 244.8 | 58.28 | 230.4 | 56.64 | 223.6 | 54.96 | 216.4 | 53.32 | 200.8 | 50.44 |
|        | 5                 | 4.1      | 260.4                     | 57.60 | 244.8 | 55.72 | 230.4 | 54.20 | 223.6 | 52.48 | 216.4 | 50.92 | 200.8 | 48.08 |
|        | 7                 | 6        | 260.4                     | 54.88 | 244.8 | 53.20 | 230.4 | 51.76 | 223.6 | 50.00 | 216.4 | 48.52 | 200.8 | 45.76 |
|        | 9                 | 7.9      | 260.4                     | 52.28 | 244.8 | 50.68 | 230.4 | 49.32 | 223.6 | 47.60 | 216.4 | 46.20 | 200.8 | 43.56 |
|        | 11                | 9.8      | 260.4                     | 49.68 | 244.8 | 48.16 | 230.4 | 46.88 | 223.6 | 45.28 | 216.4 | 43.92 | 200.8 | 41.44 |
|        | 13                | 11.8     | 260.4                     | 47.12 | 244.8 | 45.68 | 230.4 | 44.44 | 223.6 | 42.92 | 216.4 | 41.64 | 200.8 | 39.24 |
|        | 15                | 13.7     | 260.4                     | 44.52 | 244.8 | 43.16 | 230.4 | 41.96 | 223.6 | 40.52 | 216.4 | 39.32 | 200.8 | 37.12 |
| 80     | -30               | -30.2    | 97.20                     | 75.96 | 97.20 | 76.56 | 96.80 | 77.04 | 96.80 | 76.48 | 96.80 | 84.88 | 94.80 | 81.32 |
|        | -24.8             | -25      | 162.4                     | 76.72 | 162.4 | 77.32 | 161.2 | 77.72 | 161.2 | 77.88 | 161.2 | 78.84 | 158.0 | 75.52 |
|        | -21.8             | -22      | 196.0                     | 77.16 | 196.0 | 77.72 | 196.0 | 78.12 | 196.0 | 78.68 | 192.8 | 74.16 | 179.6 | 68.52 |
|        | -19.8             | -20      | 206.8                     | 77.44 | 206.8 | 78.00 | 206.4 | 78.40 | 200.0 | 73.68 | 192.8 | 69.32 | 179.6 | 66.36 |
|        | -18.8             | -19      | 211.6                     | 77.60 | 211.6 | 78.52 | 206.4 | 75.44 | 200.0 | 71.20 | 192.8 | 68.28 | 179.6 | 65.36 |
|        | -16.7             | -17      | 217.6                     | 78.44 | 217.6 | 75.96 | 206.4 | 70.96 | 200.0 | 68.80 | 192.8 | 65.96 | 179.6 | 63.16 |
|        | -15               | -15.9    | 222.4                     | 76.52 | 219.6 | 73.92 | 206.4 | 69.20 | 200.0 | 67.04 | 192.8 | 64.32 | 179.6 | 61.56 |
|        | -13.7             | -15      | 227.2                     | 74.64 | 219.6 | 71.20 | 206.4 | 67.44 | 200.0 | 65.32 | 192.8 | 62.72 | 179.6 | 60.00 |
|        | -11.8             | -13      | 233.2                     | 72.24 | 219.6 | 67.92 | 206.4 | 65.24 | 200.0 | 63.20 | 192.8 | 60.64 | 179.6 | 58.04 |
|        | -9.8              | -11      | 233.2                     | 67.92 | 219.6 | 64.76 | 206.4 | 62.96 | 200.0 | 60.88 | 192.8 | 58.48 | 179.6 | 55.96 |
|        | -9.5              | -10      | 233.2                     | 67.08 | 219.6 | 64.04 | 206.4 | 62.60 | 200.0 | 60.56 | 192.8 | 58.16 | 179.6 | 55.64 |
|        | -8.5              | -9.1     | 233.2                     | 65.32 | 219.6 | 62.68 | 206.4 | 61.44 | 200.0 | 59.40 | 192.8 | 57.08 | 179.6 | 54.64 |
|        | -7                | -7.6     | 233.2                     | 62.88 | 219.6 | 60.92 | 206.4 | 59.72 | 200.0 | 57.68 | 192.8 | 55.48 | 179.6 | 53.04 |
|        | -5                | -5.6     | 233.2                     | 60.56 | 219.6 | 58.76 | 206.4 | 57.48 | 200.0 | 55.52 | 192.8 | 53.36 | 179.6 | 51.08 |
|        | -3                | -3.7     | 233.2                     | 58.28 | 219.6 | 56.52 | 206.4 | 55.28 | 200.0 | 53.28 | 192.8 | 51.28 | 179.6 | 49.04 |
|        | 0                 | -0.7     | 233.2                     | 54.84 | 219.6 | 53.20 | 206.4 | 51.92 | 200.0 | 50.00 | 192.8 | 48.16 | 179.6 | 46.04 |
|        | 3                 | 2.2      | 233.2                     | 51.40 | 219.6 | 49.88 | 206.4 | 48.56 | 200.0 | 46.68 | 192.8 | 45.08 | 179.6 | 43.08 |
|        | 5                 | 4.1      | 233.2                     | 49.12 | 219.6 | 47.68 | 206.4 | 46.36 | 200.0 | 44.48 | 192.8 | 43.00 | 179.6 | 41.04 |
|        | 7                 | 6        | 233.2                     | 46.80 | 219.6 | 45.44 | 206.4 | 44.12 | 200.0 | 42.28 | 192.8 | 40.88 | 179.6 | 39.04 |
|        | 9                 | 7.9      | 233.2                     | 43.96 | 219.6 | 42.68 | 206.4 | 41.44 | 200.0 | 39.72 | 192.8 | 38.40 | 179.6 | 36.68 |
|        | 11                | 9.8      | 233.2                     | 40.80 | 219.6 | 39.64 | 206.4 | 38.48 | 200.0 | 36.84 | 192.8 | 35.64 | 179.6 | 34.04 |
|        | 13                | 11.8     | 233.2                     | 38.08 | 219.6 | 37.00 | 206.4 | 35.92 | 200.0 | 34.40 | 192.8 | 33.28 | 179.6 | 31.76 |
|        | 15                | 13.7     | 233.2                     | 35.88 | 219.6 | 34.80 | 206.4 | 33.80 | 200.0 | 32.40 | 192.8 | 31.32 | 179.6 | 29.88 |
| 70     | -30               | -30.2    | 97.20                     | 75.24 | 97.20 | 75.52 | 96.80 | 75.88 | 96.80 | 83.68 | 96.80 | 79.68 | 94.80 | 76.04 |
|        | -24.8             | -25      | 162.4                     | 76.00 | 162.4 | 76.20 | 161.2 | 76.60 | 161.2 | 77.12 | 161.2 | 73.52 | 153.6 | 68.12 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 186.4                     | 76.44 | 186.4 | 76.60 | 175.6 | 73.08 | 169.6 | 69.64 | 164.4 | 66.40 | 153.6 | 63.28 |
|        | -19.8             | -20      | 197.6                     | 74.92 | 186.8 | 72.96 | 175.6 | 70.56 | 169.6 | 67.24 | 164.4 | 64.20 | 153.6 | 61.12 |
|        | -18.8             | -19      | 197.6                     | 72.92 | 186.8 | 71.72 | 175.6 | 69.32 | 169.6 | 66.04 | 164.4 | 63.04 | 153.6 | 60.04 |
|        | -16.7             | -17      | 197.6                     | 70.28 | 186.8 | 68.96 | 175.6 | 66.68 | 169.6 | 63.56 | 164.4 | 60.72 | 153.6 | 57.76 |
|        | -15               | -15.9    | 197.6                     | 68.36 | 186.8 | 67.04 | 175.6 | 64.80 | 169.6 | 61.76 | 164.4 | 59.04 | 153.6 | 56.16 |
|        | -13.7             | -15      | 197.6                     | 66.44 | 186.8 | 65.12 | 175.6 | 62.96 | 169.6 | 60.00 | 164.4 | 57.40 | 153.6 | 54.56 |
|        | -11.8             | -13      | 197.6                     | 64.00 | 186.8 | 62.68 | 175.6 | 60.60 | 169.6 | 57.76 | 164.4 | 55.28 | 153.6 | 52.52 |
|        | -9.8              | -11      | 197.6                     | 61.52 | 186.8 | 60.08 | 175.6 | 58.12 | 169.6 | 55.40 | 164.4 | 53.08 | 153.6 | 50.40 |
|        | -9.5              | -10      | 197.6                     | 61.12 | 186.8 | 59.72 | 175.6 | 57.72 | 169.6 | 55.04 | 164.4 | 52.76 | 153.6 | 50.08 |
|        | -8.5              | -9.1     | 197.6                     | 59.84 | 186.8 | 58.44 | 175.6 | 56.52 | 169.6 | 53.88 | 164.4 | 51.64 | 153.6 | 49.04 |
|        | -7                | -7.6     | 197.6                     | 57.96 | 186.8 | 56.56 | 175.6 | 54.68 | 169.6 | 52.12 | 164.4 | 50.00 | 153.6 | 47.40 |
|        | -5                | -5.6     | 197.6                     | 55.52 | 186.8 | 54.04 | 175.6 | 52.24 | 169.6 | 49.84 | 164.4 | 47.88 | 153.6 | 45.40 |
|        | -3                | -3.7     | 197.6                     | 53.08 | 186.8 | 51.60 | 175.6 | 49.88 | 169.6 | 47.56 | 164.4 | 45.72 | 153.6 | 43.32 |
|        | 0                 | -0.7     | 197.6                     | 49.40 | 186.8 | 47.88 | 175.6 | 46.28 | 169.6 | 44.16 | 164.4 | 42.52 | 153.6 | 40.24 |
|        | 3                 | 2.2      | 197.6                     | 45.72 | 186.8 | 44.16 | 175.6 | 42.68 | 169.6 | 40.72 | 164.4 | 39.36 | 153.6 | 37.12 |
|        | 5                 | 4.1      | 197.6                     | 43.32 | 186.8 | 41.68 | 175.6 | 40.32 | 169.6 | 38.48 | 164.4 | 37.20 | 153.6 | 35.08 |
|        | 7                 | 6        | 197.6                     | 40.84 | 186.8 | 39.20 | 175.6 | 37.88 | 169.6 | 36.20 | 164.4 | 35.12 | 153.6 | 33.00 |
|        | 9                 | 7.9      | 197.6                     | 36.92 | 186.8 | 35.44 | 175.6 | 34.20 | 169.6 | 32.68 | 164.4 | 31.68 | 153.6 | 29.80 |
|        | 11                | 9.8      | 197.6                     | 34.36 | 186.8 | 32.96 | 175.6 | 31.88 | 169.6 | 30.44 | 164.4 | 29.52 | 153.6 | 27.72 |
|        | 13                | 11.8     | 197.6                     | 32.16 | 186.8 | 30.84 | 175.6 | 29.80 | 169.6 | 28.48 | 164.4 | 27.60 | 153.6 | 25.96 |
|        | 15                | 13.7     | 197.6                     | 30.32 | 186.8 | 29.08 | 175.6 | 28.12 | 169.6 | 26.84 | 164.4 | 26.00 | 153.6 | 24.48 |
| 60     | -30               | -30.2    | 96.00                     | 74.72 | 96.00 | 75.08 | 95.20 | 83.60 | 92.00 | 79.16 | 88.80 | 75.04 | 83.20 | 71.40 |
|        | -24.8             | -25      | 159.6                     | 75.48 | 159.6 | 75.84 | 150.4 | 72.56 | 145.6 | 68.80 | 140.4 | 65.28 | 131.6 | 62.00 |
|        | -21.8             | -22      | 169.6                     | 75.24 | 160.4 | 72.40 | 150.4 | 68.68 | 145.6 | 65.16 | 140.4 | 61.88 | 131.6 | 58.68 |
|        | -19.8             | -20      | 169.6                     | 72.32 | 160.4 | 69.68 | 150.4 | 66.08 | 145.6 | 62.72 | 140.4 | 59.56 | 131.6 | 56.48 |
|        | -18.8             | -19      | 169.6                     | 70.92 | 160.4 | 68.32 | 150.4 | 64.84 | 145.6 | 61.56 | 140.4 | 58.44 | 131.6 | 55.36 |
|        | -16.7             | -17      | 169.6                     | 68.04 | 160.4 | 65.44 | 150.4 | 62.08 | 145.6 | 59.00 | 140.4 | 56.08 | 131.6 | 53.08 |
|        | -15               | -15.9    | 169.6                     | 66.00 | 160.4 | 63.40 | 150.4 | 60.16 | 145.6 | 57.20 | 140.4 | 54.36 | 131.6 | 51.44 |
|        | -13.7             | -15      | 169.6                     | 63.96 | 160.4 | 61.40 | 150.4 | 58.24 | 145.6 | 55.40 | 140.4 | 52.68 | 131.6 | 49.80 |
|        | -11.8             | -13      | 169.6                     | 61.36 | 160.4 | 58.80 | 150.4 | 55.80 | 145.6 | 53.12 | 140.4 | 50.52 | 131.6 | 47.72 |
|        | -9.8              | -11      | 169.6                     | 58.60 | 160.4 | 56.08 | 150.4 | 53.28 | 145.6 | 50.72 | 140.4 | 48.28 | 131.6 | 45.56 |
|        | -9.5              | -10      | 169.6                     | 58.20 | 160.4 | 55.68 | 150.4 | 52.92 | 145.6 | 50.36 | 140.4 | 47.92 | 131.6 | 45.24 |
|        | -8.5              | -9.1     | 169.6                     | 56.84 | 160.4 | 54.36 | 150.4 | 51.64 | 145.6 | 49.20 | 140.4 | 46.84 | 131.6 | 44.16 |
|        | -7                | -7.6     | 169.6                     | 54.84 | 160.4 | 52.36 | 150.4 | 49.72 | 145.6 | 47.40 | 140.4 | 45.16 | 131.6 | 42.52 |
|        | -5                | -5.6     | 169.6                     | 52.16 | 160.4 | 49.72 | 150.4 | 47.28 | 145.6 | 45.08 | 140.4 | 42.96 | 131.6 | 40.44 |
|        | -3                | -3.7     | 169.6                     | 49.56 | 160.4 | 47.12 | 150.4 | 44.80 | 145.6 | 42.76 | 140.4 | 40.76 | 131.6 | 38.32 |
|        | 0                 | -0.7     | 169.6                     | 45.56 | 160.4 | 43.16 | 150.4 | 41.08 | 145.6 | 39.28 | 140.4 | 37.52 | 131.6 | 35.16 |
|        | 3                 | 2.2      | 169.6                     | 41.60 | 160.4 | 39.24 | 150.4 | 37.36 | 145.6 | 35.80 | 140.4 | 34.24 | 131.6 | 32.00 |
|        | 5                 | 4.1      | 169.6                     | 38.96 | 160.4 | 36.64 | 150.4 | 34.92 | 145.6 | 33.48 | 140.4 | 32.08 | 131.6 | 29.88 |
|        | 7                 | 6        | 169.6                     | 36.32 | 160.4 | 34.00 | 150.4 | 32.44 | 145.6 | 31.16 | 140.4 | 29.88 | 131.6 | 27.80 |
|        | 9                 | 7.9      | 169.6                     | 32.40 | 160.4 | 30.36 | 150.4 | 28.92 | 145.6 | 27.84 | 140.4 | 26.68 | 131.6 | 24.80 |
|        | 11                | 9.8      | 169.6                     | 30.24 | 160.4 | 28.32 | 150.4 | 27.00 | 145.6 | 26.00 | 140.4 | 24.92 | 131.6 | 23.16 |
|        | 13                | 11.8     | 169.6                     | 28.32 | 160.4 | 26.52 | 150.4 | 25.32 | 145.6 | 24.36 | 140.4 | 23.32 | 131.6 | 21.68 |
|        | 15                | 13.7     | 169.6                     | 26.76 | 160.4 | 25.08 | 150.4 | 23.92 | 145.6 | 22.96 | 140.4 | 22.08 | 131.6 | 20.52 |
| 50     | -30               | -30.2    | 89.60                     | 64.56 | 84.40 | 72.00 | 79.20 | 68.20 | 76.80 | 64.68 | 74.00 | 61.24 | 69.20 | 58.24 |
|        | -24.8             | -25      | 141.6                     | 61.96 | 133.6 | 62.48 | 125.6 | 59.20 | 121.6 | 56.16 | 117.2 | 53.28 | 109.2 | 50.56 |
|        | -21.8             | -22      | 141.6                     | 62.36 | 133.6 | 59.12 | 125.6 | 56.04 | 121.6 | 53.16 | 117.2 | 50.48 | 109.2 | 47.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 141.6                     | 60.00 | 133.6 | 56.84 | 125.6 | 53.92 | 121.6 | 51.16 | 117.2 | 48.60 | 109.2 | 46.04 |
|        | -18.8             | -19      | 141.6                     | 58.84 | 133.6 | 55.72 | 125.6 | 52.92 | 121.6 | 50.16 | 117.2 | 47.68 | 109.2 | 45.20 |
|        | -16.7             | -17      | 141.6                     | 56.40 | 133.6 | 53.40 | 125.6 | 50.68 | 121.6 | 48.04 | 117.2 | 45.72 | 109.2 | 43.32 |
|        | -15               | -15.9    | 141.6                     | 54.64 | 133.6 | 51.68 | 125.6 | 49.12 | 121.6 | 46.56 | 117.2 | 44.32 | 109.2 | 41.96 |
|        | -13.7             | -15      | 141.6                     | 52.88 | 133.6 | 50.00 | 125.6 | 47.52 | 121.6 | 45.08 | 117.2 | 42.96 | 109.2 | 40.64 |
|        | -11.8             | -13      | 141.6                     | 50.64 | 133.6 | 47.92 | 125.6 | 45.60 | 121.6 | 43.24 | 117.2 | 41.20 | 109.2 | 38.96 |
|        | -9.8              | -11      | 141.6                     | 48.36 | 133.6 | 45.68 | 125.6 | 43.48 | 121.6 | 41.24 | 117.2 | 39.36 | 109.2 | 37.20 |
|        | -9.5              | -10      | 141.6                     | 48.00 | 133.6 | 45.36 | 125.6 | 43.16 | 121.6 | 40.96 | 117.2 | 39.12 | 109.2 | 36.92 |
|        | -8.5              | -9.1     | 141.6                     | 46.88 | 133.6 | 44.24 | 125.6 | 42.16 | 121.6 | 40.00 | 117.2 | 38.20 | 109.2 | 36.04 |
|        | -7                | -7.6     | 141.6                     | 45.08 | 133.6 | 42.60 | 125.6 | 40.60 | 121.6 | 38.52 | 117.2 | 36.80 | 109.2 | 34.72 |
|        | -5                | -5.6     | 141.6                     | 42.84 | 133.6 | 40.44 | 125.6 | 38.60 | 121.6 | 36.64 | 117.2 | 35.04 | 109.2 | 33.00 |
|        | -3                | -3.7     | 141.6                     | 40.64 | 133.6 | 38.28 | 125.6 | 36.56 | 121.6 | 34.68 | 117.2 | 33.24 | 109.2 | 31.28 |
|        | 0                 | -0.7     | 141.6                     | 37.24 | 133.6 | 35.00 | 125.6 | 33.52 | 121.6 | 31.84 | 117.2 | 30.60 | 109.2 | 28.72 |
|        | 3                 | 2.2      | 141.6                     | 33.84 | 133.6 | 31.80 | 125.6 | 30.52 | 121.6 | 28.96 | 117.2 | 27.92 | 109.2 | 26.16 |
|        | 5                 | 4.1      | 141.6                     | 31.60 | 133.6 | 29.64 | 125.6 | 28.52 | 121.6 | 27.04 | 117.2 | 26.16 | 109.2 | 24.44 |
|        | 7                 | 6        | 141.6                     | 29.36 | 133.6 | 27.48 | 125.6 | 26.48 | 121.6 | 25.12 | 117.2 | 24.36 | 109.2 | 22.76 |
|        | 9                 | 7.9      | 141.6                     | 26.52 | 133.6 | 24.80 | 125.6 | 23.92 | 121.6 | 22.72 | 117.2 | 22.00 | 109.2 | 20.56 |
|        | 11                | 9.8      | 141.6                     | 24.80 | 133.6 | 23.20 | 125.6 | 22.36 | 121.6 | 21.24 | 117.2 | 20.60 | 109.2 | 19.20 |
|        | 13                | 11.8     | 141.6                     | 23.28 | 133.6 | 21.80 | 125.6 | 21.00 | 121.6 | 19.96 | 117.2 | 19.32 | 109.2 | 18.04 |
|        | 15                | 13.7     | 141.6                     | 22.04 | 133.6 | 20.64 | 125.6 | 19.88 | 121.6 | 18.84 | 117.2 | 18.32 | 109.2 | 17.04 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM820LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 100.7                     | 88.48 | 100.7 | 89.12 | 100.0 | 89.70 | 100.0 | 90.53 | 100.0 | 91.40 | 98.10 | 92.74 |
|        | -24.8             | -25      | 167.8                     | 90.61 | 167.8 | 91.27 | 166.6 | 91.83 | 166.6 | 92.70 | 166.6 | 93.54 | 163.7 | 94.85 |
|        | -21.8             | -22      | 205.7                     | 91.84 | 205.7 | 92.50 | 204.3 | 93.08 | 204.3 | 93.95 | 204.3 | 94.78 | 200.3 | 96.09 |
|        | -19.8             | -20      | 217.8                     | 92.69 | 217.8 | 93.33 | 216.2 | 93.91 | 216.2 | 94.78 | 216.2 | 95.61 | 212.3 | 96.92 |
|        | -18.8             | -19      | 222.8                     | 93.08 | 222.8 | 93.75 | 221.3 | 94.32 | 221.3 | 95.19 | 221.3 | 96.01 | 217.0 | 97.33 |
|        | -16.7             | -17      | 233.1                     | 93.96 | 233.1 | 94.61 | 231.5 | 95.19 | 231.5 | 96.06 | 231.5 | 96.89 | 227.2 | 98.20 |
|        | -15               | -15.9    | 240.2                     | 94.58 | 240.2 | 95.24 | 238.9 | 95.80 | 238.9 | 96.67 | 238.9 | 97.51 | 234.2 | 96.38 |
|        | -13.7             | -15      | 247.7                     | 95.21 | 247.7 | 95.85 | 246.2 | 96.43 | 246.2 | 97.30 | 246.2 | 98.13 | 241.4 | 94.55 |
|        | -11.8             | -13      | 255.7                     | 95.99 | 255.7 | 96.63 | 254.2 | 97.20 | 254.2 | 98.09 | 254.2 | 95.69 | 250.4 | 92.25 |
|        | -9.8              | -11      | 264.2                     | 96.81 | 264.2 | 97.47 | 262.5 | 98.03 | 262.5 | 95.53 | 262.5 | 93.13 | 259.9 | 89.83 |
|        | -9.5              | -10      | 265.7                     | 96.96 | 265.7 | 97.57 | 264.2 | 97.63 | 264.2 | 95.13 | 264.0 | 92.76 | 261.3 | 89.45 |
|        | -8.5              | -9.1     | 270.8                     | 97.35 | 270.8 | 97.99 | 269.2 | 96.33 | 269.2 | 93.81 | 268.1 | 91.47 | 266.2 | 88.24 |
|        | -7                | -7.6     | 278.6                     | 97.97 | 278.6 | 96.12 | 276.6 | 94.36 | 276.6 | 91.89 | 276.6 | 89.53 | 273.3 | 86.44 |
|        | -5                | -5.6     | 288.8                     | 95.59 | 288.8 | 93.59 | 286.9 | 91.79 | 286.9 | 89.36 | 286.9 | 87.03 | 282.6 | 84.06 |
|        | -3                | -3.7     | 299.0                     | 93.19 | 299.0 | 91.11 | 297.0 | 89.22 | 297.0 | 86.80 | 297.0 | 84.51 | 291.2 | 81.42 |
|        | 0                 | -0.7     | 314.3                     | 89.63 | 314.3 | 87.40 | 312.2 | 85.36 | 312.2 | 83.01 | 312.2 | 80.75 | 291.5 | 74.32 |
|        | 3                 | 2.2      | 329.7                     | 86.06 | 329.7 | 83.63 | 327.4 | 81.52 | 324.6 | 78.50 | 313.1 | 73.60 | 291.5 | 70.72 |
|        | 5                 | 4.1      | 333.6                     | 82.18 | 333.6 | 79.70 | 332.6 | 77.74 | 324.6 | 73.69 | 313.1 | 70.63 | 291.5 | 68.46 |
|        | 7                 | 6        | 333.6                     | 77.50 | 333.6 | 75.00 | 332.6 | 73.07 | 324.6 | 70.35 | 313.1 | 68.26 | 291.5 | 66.20 |
|        | 9                 | 7.9      | 333.6                     | 75.25 | 333.6 | 72.82 | 332.6 | 70.71 | 324.6 | 68.67 | 313.1 | 66.63 | 291.5 | 64.61 |
|        | 11                | 9.8      | 333.6                     | 74.05 | 333.6 | 71.68 | 332.6 | 69.62 | 324.6 | 67.56 | 313.1 | 65.56 | 291.5 | 63.59 |
|        | 13                | 11.8     | 333.6                     | 72.79 | 333.6 | 70.42 | 332.6 | 68.38 | 324.6 | 66.39 | 313.1 | 64.42 | 291.5 | 62.49 |
|        | 15                | 13.7     | 333.6                     | 71.40 | 333.6 | 69.08 | 332.6 | 67.08 | 324.6 | 65.12 | 313.1 | 63.19 | 291.5 | 61.28 |
| 120    | -30               | -30.2    | 100.0                     | 89.12 | 100.0 | 89.70 | 99.30 | 90.53 | 99.30 | 91.40 | 99.30 | 92.74 | 97.40 | 93.63 |
|        | -24.8             | -25      | 166.5                     | 91.27 | 166.5 | 91.83 | 165.5 | 92.70 | 165.5 | 93.54 | 165.5 | 94.85 | 162.5 | 95.77 |
|        | -21.8             | -22      | 204.3                     | 92.50 | 204.3 | 93.08 | 202.9 | 93.95 | 202.9 | 94.78 | 202.9 | 96.09 | 199.2 | 97.01 |
|        | -19.8             | -20      | 216.1                     | 93.33 | 216.1 | 93.91 | 214.8 | 94.78 | 214.8 | 95.61 | 214.8 | 96.92 | 210.6 | 97.82 |
|        | -18.8             | -19      | 221.1                     | 93.75 | 221.1 | 94.32 | 219.5 | 95.19 | 219.5 | 96.01 | 219.5 | 97.33 | 215.4 | 98.24 |
|        | -16.7             | -17      | 231.3                     | 94.61 | 231.3 | 95.19 | 229.8 | 96.06 | 229.8 | 96.89 | 229.8 | 98.20 | 225.3 | 95.88 |
|        | -15               | -15.9    | 238.6                     | 95.24 | 238.6 | 95.80 | 237.0 | 96.67 | 237.0 | 97.51 | 237.0 | 96.45 | 232.5 | 94.20 |
|        | -13.7             | -15      | 245.7                     | 95.85 | 245.7 | 96.43 | 244.4 | 97.30 | 244.4 | 98.13 | 244.4 | 94.70 | 239.6 | 92.54 |
|        | -11.8             | -13      | 253.9                     | 96.63 | 253.9 | 97.20 | 252.3 | 98.09 | 252.3 | 95.66 | 252.3 | 92.49 | 248.7 | 90.43 |
|        | -9.8              | -11      | 262.1                     | 97.47 | 262.1 | 98.03 | 260.6 | 95.38 | 260.6 | 93.07 | 260.6 | 90.19 | 258.2 | 88.21 |
|        | -9.5              | -10      | 264.0                     | 97.57 | 264.0 | 97.61 | 262.1 | 95.00 | 262.1 | 92.70 | 262.1 | 89.83 | 259.6 | 87.85 |
|        | -8.5              | -9.1     | 268.9                     | 97.99 | 268.9 | 96.18 | 267.1 | 93.65 | 267.1 | 91.41 | 267.1 | 88.68 | 264.3 | 86.74 |
|        | -7                | -7.6     | 276.5                     | 95.91 | 276.5 | 94.05 | 274.7 | 91.63 | 274.7 | 89.46 | 274.7 | 86.96 | 271.2 | 85.07 |
|        | -5                | -5.6     | 286.8                     | 93.14 | 286.8 | 91.26 | 284.8 | 88.96 | 284.8 | 86.92 | 284.8 | 84.67 | 273.8 | 80.81 |
|        | -3                | -3.7     | 296.7                     | 90.39 | 296.7 | 88.51 | 295.0 | 86.32 | 295.0 | 84.40 | 294.6 | 82.33 | 273.8 | 76.55 |
|        | 0                 | -0.7     | 312.0                     | 86.28 | 312.0 | 84.33 | 310.0 | 82.37 | 304.2 | 79.08 | 294.6 | 75.08 | 273.8 | 73.45 |
|        | 3                 | 2.2      | 327.2                     | 82.15 | 327.2 | 80.14 | 314.5 | 75.82 | 304.2 | 72.85 | 294.6 | 71.70 | 273.8 | 70.33 |
|        | 5                 | 4.1      | 331.1                     | 77.95 | 327.6 | 75.13 | 314.5 | 71.88 | 304.2 | 70.43 | 294.6 | 69.54 | 273.8 | 68.27 |
|        | 7                 | 6        | 331.1                     | 73.01 | 327.6 | 70.75 | 314.5 | 69.36 | 304.2 | 68.02 | 294.6 | 67.39 | 273.8 | 66.17 |
|        | 9                 | 7.9      | 331.1                     | 70.78 | 327.6 | 68.86 | 314.5 | 67.51 | 304.2 | 66.22 | 294.6 | 65.60 | 273.8 | 64.42 |
|        | 11                | 9.8      | 331.1                     | 69.48 | 327.6 | 67.59 | 314.5 | 66.24 | 304.2 | 65.00 | 294.6 | 64.38 | 273.8 | 63.23 |
|        | 13                | 11.8     | 331.1                     | 68.07 | 327.6 | 66.21 | 314.5 | 64.91 | 304.2 | 63.68 | 294.6 | 63.07 | 273.8 | 61.97 |
|        | 15                | 13.7     | 331.1                     | 66.57 | 327.6 | 64.74 | 314.5 | 63.49 | 304.2 | 62.26 | 294.6 | 61.65 | 273.8 | 60.58 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |        |       |        |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |        | 22.0  |        | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI     | TC    | PI     | TC    | PI    |
| 110    | -30               | -30.2    | 99.60                     | 89.70 | 99.60 | 90.53 | 98.90 | 91.40 | 98.90 | 92.74  | 98.90 | 93.63  | 96.80 | 94.08 |
|        | -24.8             | -25      | 165.8                     | 91.83 | 165.8 | 92.70 | 164.7 | 93.54 | 164.7 | 94.85  | 164.7 | 95.77  | 161.3 | 96.22 |
|        | -21.8             | -22      | 203.1                     | 93.08 | 203.1 | 93.95 | 201.6 | 94.78 | 201.6 | 96.09  | 201.6 | 97.01  | 198.1 | 97.43 |
|        | -19.8             | -20      | 215.1                     | 93.91 | 215.1 | 94.78 | 213.7 | 95.61 | 213.7 | 96.92  | 213.7 | 97.82  | 209.6 | 98.27 |
|        | -18.8             | -19      | 219.9                     | 94.32 | 219.9 | 95.19 | 218.4 | 96.01 | 218.4 | 97.33  | 218.4 | 98.24  | 214.4 | 97.03 |
|        | -16.7             | -17      | 230.1                     | 95.19 | 230.1 | 96.06 | 228.6 | 96.89 | 228.6 | 98.20  | 228.6 | 99.11  | 224.2 | 97.80 |
|        | -15               | -15.9    | 237.2                     | 95.80 | 237.2 | 96.67 | 235.8 | 97.51 | 235.8 | 98.26  | 235.8 | 99.17  | 233.5 | 98.52 |
|        | -13.7             | -15      | 244.4                     | 96.43 | 244.4 | 97.30 | 243.0 | 98.13 | 243.0 | 98.96  | 243.0 | 99.79  | 243.0 | 99.66 |
|        | -11.8             | -13      | 252.3                     | 97.20 | 252.3 | 98.09 | 250.9 | 98.92 | 250.9 | 99.75  | 250.9 | 100.58 | 246.4 | 98.67 |
|        | -9.8              | -11      | 260.8                     | 98.03 | 260.8 | 98.92 | 259.3 | 99.75 | 259.3 | 100.58 | 259.3 | 101.41 | 246.4 | 99.48 |
|        | -9.5              | -10      | 262.1                     | 97.54 | 262.1 | 97.05 | 260.8 | 97.56 | 260.8 | 98.07  | 260.8 | 98.58  | 246.4 | 99.05 |
|        | -8.5              | -9.1     | 267.3                     | 95.91 | 267.3 | 93.06 | 265.9 | 90.71 | 265.9 | 87.69  | 263.9 | 85.08  | 246.4 | 79.87 |
|        | -7                | -7.6     | 275.2                     | 93.43 | 275.2 | 90.77 | 273.4 | 88.58 | 273.0 | 85.68  | 263.9 | 81.03  | 246.4 | 78.11 |
|        | -5                | -5.6     | 285.0                     | 90.22 | 285.0 | 87.75 | 282.3 | 85.50 | 273.0 | 80.29  | 263.9 | 77.39  | 246.4 | 75.78 |
|        | -3                | -3.7     | 295.2                     | 86.99 | 295.2 | 84.77 | 282.3 | 79.85 | 273.0 | 76.59  | 263.9 | 75.10  | 246.4 | 73.46 |
|        | 0                 | -0.7     | 310.3                     | 82.15 | 301.0 | 77.86 | 282.3 | 74.77 | 273.0 | 73.01  | 263.9 | 71.73  | 246.4 | 69.98 |
|        | 3                 | 2.2      | 318.5                     | 75.67 | 301.0 | 71.89 | 282.3 | 70.76 | 273.0 | 69.44  | 263.9 | 68.35  | 246.4 | 66.48 |
|        | 5                 | 4.1      | 318.5                     | 70.29 | 301.0 | 69.05 | 282.3 | 68.14 | 273.0 | 67.04  | 263.9 | 66.08  | 246.4 | 64.17 |
|        | 7                 | 6        | 318.5                     | 67.20 | 301.0 | 66.19 | 282.3 | 65.46 | 273.0 | 64.65  | 263.9 | 63.84  | 246.4 | 61.85 |
|        | 9                 | 7.9      | 318.5                     | 65.12 | 301.0 | 64.15 | 282.3 | 63.42 | 273.0 | 62.65  | 263.9 | 61.84  | 246.4 | 59.93 |
|        | 11                | 9.8      | 318.5                     | 63.62 | 301.0 | 62.66 | 282.3 | 61.96 | 273.0 | 61.18  | 263.9 | 60.39  | 246.4 | 58.53 |
|        | 13                | 11.8     | 318.5                     | 61.98 | 301.0 | 61.05 | 282.3 | 60.35 | 273.0 | 59.62  | 263.9 | 58.85  | 246.4 | 57.04 |
|        | 15                | 13.7     | 318.5                     | 60.23 | 301.0 | 59.33 | 282.3 | 58.65 | 273.0 | 57.95  | 263.9 | 57.20  | 246.4 | 55.43 |
| 100    | -30               | -30.2    | 98.90                     | 102.7 | 98.90 | 102.3 | 98.50 | 89.18 | 98.50 | 101.3  | 98.50 | 98.52  | 96.50 | 100.6 |
|        | -24.8             | -25      | 165.1                     | 101.5 | 165.1 | 101.1 | 164.1 | 94.18 | 164.1 | 100.1  | 164.1 | 99.63  | 160.6 | 99.43 |
|        | -21.8             | -22      | 202.0                     | 100.8 | 202.0 | 100.4 | 200.9 | 97.08 | 200.9 | 99.38  | 200.9 | 100.3  | 197.0 | 98.74 |
|        | -19.8             | -20      | 214.1                     | 100.3 | 214.1 | 99.90 | 212.9 | 98.87 | 212.9 | 98.91  | 212.9 | 98.94  | 208.7 | 98.27 |
|        | -18.8             | -19      | 218.8                     | 100.1 | 217.7 | 99.68 | 217.7 | 99.28 | 217.7 | 98.66  | 217.7 | 98.24  | 213.4 | 96.74 |
|        | -16.7             | -17      | 227.6                     | 99.63 | 227.6 | 99.20 | 227.6 | 100.1 | 226.3 | 98.20  | 226.3 | 95.08  | 222.2 | 93.52 |
|        | -15               | -15.9    | 235.5                     | 99.27 | 235.5 | 98.85 | 234.6 | 99.14 | 234.2 | 95.91  | 234.2 | 92.82  | 225.2 | 89.40 |
|        | -13.7             | -15      | 243.3                     | 98.93 | 243.3 | 98.52 | 241.8 | 98.13 | 241.8 | 93.62  | 241.7 | 90.49  | 225.2 | 84.33 |
|        | -11.8             | -13      | 251.1                     | 98.49 | 249.8 | 98.09 | 249.8 | 95.09 | 249.8 | 90.71  | 241.7 | 84.82  | 225.2 | 81.58 |
|        | -9.8              | -11      | 259.5                     | 98.03 | 259.5 | 94.69 | 258.3 | 91.88 | 249.9 | 84.88  | 241.7 | 80.36  | 225.2 | 78.67 |
|        | -9.5              | -10      | 260.8                     | 97.49 | 260.8 | 94.16 | 258.3 | 90.88 | 249.9 | 83.96  | 241.7 | 79.93  | 225.2 | 78.22 |
|        | -8.5              | -9.1     | 266.0                     | 95.75 | 266.0 | 92.45 | 258.3 | 87.55 | 249.9 | 81.32  | 241.7 | 78.51  | 225.2 | 76.76 |
|        | -7                | -7.6     | 278.2                     | 93.07 | 274.7 | 89.22 | 258.3 | 82.90 | 249.9 | 79.16  | 241.7 | 76.36  | 225.2 | 74.59 |
|        | -5                | -5.6     | 290.2                     | 89.56 | 274.7 | 82.80 | 258.3 | 79.92 | 249.9 | 76.31  | 241.7 | 73.56  | 225.2 | 71.72 |
|        | -3                | -3.7     | 291.2                     | 83.98 | 274.7 | 78.95 | 258.3 | 76.92 | 249.9 | 73.47  | 241.7 | 70.75  | 225.2 | 68.85 |
|        | 0                 | -0.7     | 291.2                     | 76.68 | 274.7 | 74.16 | 258.3 | 72.42 | 249.9 | 69.20  | 241.7 | 66.51  | 225.2 | 64.54 |
|        | 3                 | 2.2      | 291.2                     | 71.69 | 274.7 | 69.39 | 258.3 | 67.93 | 249.9 | 64.93  | 241.7 | 62.31  | 225.2 | 60.25 |
|        | 5                 | 4.1      | 291.2                     | 68.39 | 274.7 | 66.20 | 258.3 | 64.92 | 249.9 | 62.10  | 241.7 | 59.49  | 225.2 | 57.39 |
|        | 7                 | 6        | 291.2                     | 65.06 | 274.7 | 63.01 | 258.3 | 61.96 | 249.9 | 59.26  | 241.7 | 56.69  | 225.2 | 54.52 |
|        | 9                 | 7.9      | 291.2                     | 62.74 | 274.7 | 60.79 | 258.3 | 59.72 | 249.9 | 57.13  | 241.7 | 54.68  | 225.2 | 52.57 |
|        | 11                | 9.8      | 291.2                     | 60.98 | 274.7 | 59.06 | 258.3 | 58.04 | 249.9 | 55.50  | 241.7 | 53.10  | 225.2 | 51.08 |
|        | 13                | 11.8     | 291.2                     | 59.09 | 274.7 | 57.20 | 258.3 | 56.22 | 249.9 | 53.79  | 241.7 | 51.46  | 225.2 | 49.48 |
|        | 15                | 13.7     | 291.2                     | 57.06 | 274.7 | 55.26 | 258.3 | 54.31 | 249.9 | 51.96  | 241.7 | 49.71  | 225.2 | 47.80 |
| 90     | -30               | -30.2    | 98.70                     | 88.36 | 98.70 | 89.59 | 97.90 | 90.57 | 97.90 | 90.94  | 97.90 | 91.87  | 96.10 | 102.5 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 164.5                     | 90.48 | 164.5 | 91.78 | 163.4 | 92.72 | 163.4 | 93.13 | 163.4 | 94.01 | 160.2 | 95.35 |
|        | -21.8             | -22      | 201.3                     | 91.71 | 201.3 | 93.03 | 200.2 | 93.95 | 200.2 | 94.38 | 200.2 | 95.26 | 196.1 | 91.24 |
|        | -19.8             | -20      | 213.4                     | 92.54 | 213.4 | 93.87 | 212.0 | 94.79 | 212.0 | 95.22 | 212.0 | 92.46 | 205.7 | 87.60 |
|        | -18.8             | -19      | 218.8                     | 92.97 | 217.7 | 94.28 | 216.6 | 95.19 | 216.6 | 93.78 | 216.6 | 91.07 | 205.7 | 84.35 |
|        | -16.7             | -17      | 227.6                     | 93.84 | 227.6 | 95.15 | 226.6 | 92.23 | 226.6 | 90.77 | 221.7 | 86.19 | 205.7 | 79.97 |
|        | -15               | -15.9    | 235.5                     | 94.45 | 235.5 | 92.96 | 233.8 | 90.13 | 229.0 | 86.79 | 221.7 | 82.88 | 205.7 | 78.02 |
|        | -13.7             | -15      | 243.3                     | 95.08 | 243.3 | 90.74 | 236.4 | 86.26 | 229.0 | 82.18 | 221.7 | 79.67 | 205.7 | 76.10 |
|        | -11.8             | -13      | 251.1                     | 92.08 | 249.8 | 87.99 | 236.4 | 81.06 | 229.0 | 79.48 | 221.7 | 77.17 | 205.7 | 73.63 |
|        | -9.8              | -11      | 259.5                     | 88.93 | 250.9 | 82.26 | 236.4 | 78.30 | 229.0 | 76.75 | 221.7 | 74.55 | 205.7 | 71.05 |
|        | -9.5              | -10      | 260.8                     | 88.44 | 250.9 | 81.40 | 236.4 | 77.89 | 229.0 | 76.34 | 221.7 | 74.14 | 205.7 | 70.66 |
|        | -8.5              | -9.1     | 266.0                     | 86.89 | 250.9 | 79.02 | 236.4 | 76.56 | 229.0 | 75.00 | 221.7 | 72.82 | 205.7 | 69.38 |
|        | -7                | -7.6     | 266.7                     | 81.05 | 250.9 | 76.84 | 236.4 | 74.56 | 229.0 | 72.96 | 221.7 | 70.85 | 205.7 | 67.43 |
|        | -5                | -5.6     | 266.7                     | 77.24 | 250.9 | 74.12 | 236.4 | 71.94 | 229.0 | 70.29 | 221.7 | 68.26 | 205.7 | 64.91 |
|        | -3                | -3.7     | 266.7                     | 74.31 | 250.9 | 71.39 | 236.4 | 69.32 | 229.0 | 67.62 | 221.7 | 65.65 | 205.7 | 62.37 |
|        | 0                 | -0.7     | 266.7                     | 69.90 | 250.9 | 67.29 | 236.4 | 65.39 | 229.0 | 63.61 | 221.7 | 61.75 | 205.7 | 58.57 |
|        | 3                 | 2.2      | 266.7                     | 65.47 | 250.9 | 63.19 | 236.4 | 61.44 | 229.0 | 59.63 | 221.7 | 57.85 | 205.7 | 54.73 |
|        | 5                 | 4.1      | 266.7                     | 62.52 | 250.9 | 60.46 | 236.4 | 58.82 | 229.0 | 56.95 | 221.7 | 55.25 | 205.7 | 52.18 |
|        | 7                 | 6        | 266.7                     | 59.58 | 250.9 | 57.75 | 236.4 | 56.20 | 229.0 | 54.29 | 221.7 | 52.68 | 205.7 | 49.66 |
|        | 9                 | 7.9      | 266.7                     | 56.80 | 250.9 | 55.03 | 236.4 | 53.55 | 229.0 | 51.74 | 221.7 | 50.20 | 205.7 | 47.35 |
|        | 11                | 9.8      | 266.7                     | 54.01 | 250.9 | 52.34 | 236.4 | 50.93 | 229.0 | 49.20 | 221.7 | 47.74 | 205.7 | 45.01 |
|        | 13                | 11.8     | 266.7                     | 51.24 | 250.9 | 49.64 | 236.4 | 48.33 | 229.0 | 46.66 | 221.7 | 45.28 | 205.7 | 42.69 |
|        | 15                | 13.7     | 266.7                     | 48.45 | 250.9 | 46.97 | 236.4 | 45.68 | 229.0 | 44.13 | 221.7 | 42.81 | 205.7 | 40.38 |
| 80     | -30               | -30.2    | 98.20                     | 77.62 | 98.20 | 78.99 | 97.60 | 79.94 | 97.60 | 78.81 | 97.60 | 90.98 | 95.80 | 87.21 |
|        | -24.8             | -25      | 163.8                     | 79.83 | 163.8 | 81.15 | 162.7 | 82.09 | 162.7 | 82.52 | 162.7 | 84.70 | 159.5 | 81.16 |
|        | -21.8             | -22      | 199.2                     | 81.10 | 199.2 | 82.39 | 199.2 | 83.33 | 199.2 | 84.64 | 197.7 | 80.50 | 183.9 | 73.71 |
|        | -19.8             | -20      | 211.0                     | 81.92 | 211.0 | 83.24 | 210.9 | 84.55 | 205.0 | 79.75 | 197.7 | 74.65 | 183.9 | 71.47 |
|        | -18.8             | -19      | 215.8                     | 82.34 | 215.8 | 84.58 | 211.3 | 81.58 | 205.0 | 76.84 | 197.7 | 73.51 | 183.9 | 70.41 |
|        | -16.7             | -17      | 222.9                     | 84.53 | 222.9 | 81.91 | 211.3 | 76.49 | 205.0 | 74.15 | 197.7 | 71.13 | 183.9 | 68.11 |
|        | -15               | -15.9    | 227.9                     | 82.56 | 225.1 | 79.84 | 211.3 | 74.66 | 205.0 | 72.35 | 197.7 | 69.41 | 183.9 | 66.46 |
|        | -13.7             | -15      | 233.0                     | 80.58 | 225.1 | 76.98 | 211.3 | 72.83 | 205.0 | 70.54 | 197.7 | 67.70 | 183.9 | 64.81 |
|        | -11.8             | -13      | 238.7                     | 78.06 | 225.1 | 73.54 | 211.3 | 70.52 | 205.0 | 68.27 | 197.7 | 65.54 | 183.9 | 62.73 |
|        | -9.8              | -11      | 238.9                     | 73.56 | 225.1 | 70.09 | 211.3 | 68.09 | 205.0 | 65.85 | 197.7 | 63.25 | 183.9 | 60.53 |
|        | -9.5              | -10      | 238.9                     | 72.63 | 225.1 | 69.30 | 211.3 | 67.72 | 205.0 | 65.49 | 197.7 | 62.91 | 183.9 | 60.22 |
|        | -8.5              | -9.1     | 238.9                     | 70.67 | 225.1 | 67.81 | 211.3 | 66.50 | 205.0 | 64.30 | 197.7 | 61.81 | 183.9 | 59.14 |
|        | -7                | -7.6     | 238.9                     | 68.08 | 225.1 | 65.98 | 211.3 | 64.68 | 205.0 | 62.49 | 197.7 | 60.11 | 183.9 | 57.48 |
|        | -5                | -5.6     | 238.9                     | 65.62 | 225.1 | 63.63 | 211.3 | 62.27 | 205.0 | 60.14 | 197.7 | 57.84 | 183.9 | 55.33 |
|        | -3                | -3.7     | 238.9                     | 63.16 | 225.1 | 61.24 | 211.3 | 59.89 | 205.0 | 57.76 | 197.7 | 55.61 | 183.9 | 53.16 |
|        | 0                 | -0.7     | 238.9                     | 59.45 | 225.1 | 57.69 | 211.3 | 56.31 | 205.0 | 54.22 | 197.7 | 52.24 | 183.9 | 49.95 |
|        | 3                 | 2.2      | 238.9                     | 55.76 | 225.1 | 54.12 | 211.3 | 52.70 | 205.0 | 50.64 | 197.7 | 48.89 | 183.9 | 46.71 |
|        | 5                 | 4.1      | 238.9                     | 53.30 | 225.1 | 51.75 | 211.3 | 50.30 | 205.0 | 48.28 | 197.7 | 46.64 | 183.9 | 44.56 |
|        | 7                 | 6        | 238.9                     | 50.84 | 225.1 | 49.36 | 211.3 | 47.91 | 205.0 | 45.93 | 197.7 | 44.39 | 183.9 | 42.40 |
|        | 9                 | 7.9      | 238.9                     | 47.74 | 225.1 | 46.36 | 211.3 | 44.98 | 205.0 | 43.11 | 197.7 | 41.69 | 183.9 | 39.82 |
|        | 11                | 9.8      | 238.9                     | 44.30 | 225.1 | 43.02 | 211.3 | 41.76 | 205.0 | 40.01 | 197.7 | 38.69 | 183.9 | 36.95 |
|        | 13                | 11.8     | 238.9                     | 41.36 | 225.1 | 40.15 | 211.3 | 38.98 | 205.0 | 37.36 | 197.7 | 36.12 | 183.9 | 34.49 |
|        | 15                | 13.7     | 238.9                     | 38.93 | 225.1 | 37.79 | 211.3 | 36.68 | 205.0 | 35.16 | 197.7 | 33.99 | 183.9 | 32.47 |
| 70     | -30               | -30.2    | 98.20                     | 78.04 | 98.20 | 78.50 | 97.60 | 79.38 | 97.60 | 89.75 | 97.60 | 85.45 | 95.80 | 81.54 |
|        | -24.8             | -25      | 163.8                     | 80.24 | 163.8 | 80.69 | 162.7 | 81.57 | 162.7 | 82.90 | 162.7 | 79.01 | 157.5 | 74.41 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 190.8                     | 81.51 | 190.8 | 81.95 | 180.0 | 78.60 | 173.9 | 74.90 | 168.5 | 71.43 | 157.5 | 68.10 |
|        | -19.8             | -20      | 202.6                     | 79.78 | 191.2 | 78.54 | 180.0 | 75.95 | 173.9 | 72.41 | 168.5 | 69.11 | 157.5 | 65.83 |
|        | -18.8             | -19      | 202.6                     | 78.54 | 191.2 | 77.22 | 180.0 | 74.66 | 173.9 | 71.15 | 168.5 | 67.92 | 157.5 | 64.69 |
|        | -16.7             | -17      | 202.6                     | 75.72 | 191.2 | 74.34 | 180.0 | 71.91 | 173.9 | 68.52 | 168.5 | 65.49 | 157.5 | 62.31 |
|        | -15               | -15.9    | 202.6                     | 73.72 | 191.2 | 72.32 | 180.0 | 69.93 | 173.9 | 66.65 | 168.5 | 63.74 | 157.5 | 60.63 |
|        | -13.7             | -15      | 202.6                     | 71.71 | 191.2 | 70.29 | 180.0 | 67.96 | 173.9 | 64.80 | 168.5 | 61.98 | 157.5 | 58.92 |
|        | -11.8             | -13      | 202.6                     | 69.17 | 191.2 | 67.73 | 180.0 | 65.48 | 173.9 | 62.42 | 168.5 | 59.76 | 157.5 | 56.80 |
|        | -9.8              | -11      | 202.6                     | 66.51 | 191.2 | 65.01 | 180.0 | 62.87 | 173.9 | 59.94 | 168.5 | 57.45 | 157.5 | 54.54 |
|        | -9.5              | -10      | 202.6                     | 66.11 | 191.2 | 64.60 | 180.0 | 62.47 | 173.9 | 59.55 | 168.5 | 57.09 | 157.5 | 54.21 |
|        | -8.5              | -9.1     | 202.6                     | 64.78 | 191.2 | 63.27 | 180.0 | 61.17 | 173.9 | 58.31 | 168.5 | 55.91 | 157.5 | 53.07 |
|        | -7                | -7.6     | 202.6                     | 62.77 | 191.2 | 61.25 | 180.0 | 59.23 | 173.9 | 56.46 | 168.5 | 54.17 | 157.5 | 51.38 |
|        | -5                | -5.6     | 202.6                     | 60.14 | 191.2 | 58.57 | 180.0 | 56.62 | 173.9 | 54.00 | 168.5 | 51.88 | 157.5 | 49.18 |
|        | -3                | -3.7     | 202.6                     | 57.52 | 191.2 | 55.91 | 180.0 | 54.04 | 173.9 | 51.55 | 168.5 | 49.57 | 157.5 | 46.94 |
|        | 0                 | -0.7     | 202.6                     | 53.57 | 191.2 | 51.91 | 180.0 | 50.19 | 173.9 | 47.87 | 168.5 | 46.15 | 157.5 | 43.61 |
|        | 3                 | 2.2      | 202.6                     | 49.62 | 191.2 | 47.91 | 180.0 | 46.30 | 173.9 | 44.20 | 168.5 | 42.70 | 157.5 | 40.27 |
|        | 5                 | 4.1      | 202.6                     | 46.99 | 191.2 | 45.24 | 180.0 | 43.75 | 173.9 | 41.75 | 168.5 | 40.39 | 157.5 | 38.06 |
|        | 7                 | 6        | 202.6                     | 44.36 | 191.2 | 42.58 | 180.0 | 41.14 | 173.9 | 39.30 | 168.5 | 38.12 | 157.5 | 35.82 |
|        | 9                 | 7.9      | 202.6                     | 40.08 | 191.2 | 38.45 | 180.0 | 37.16 | 173.9 | 35.50 | 168.5 | 34.42 | 157.5 | 32.35 |
|        | 11                | 9.8      | 202.6                     | 37.30 | 191.2 | 35.79 | 180.0 | 34.60 | 173.9 | 33.04 | 168.5 | 32.05 | 157.5 | 30.11 |
|        | 13                | 11.8     | 202.6                     | 34.90 | 191.2 | 33.50 | 180.0 | 32.37 | 173.9 | 30.92 | 168.5 | 29.98 | 157.5 | 28.20 |
|        | 15                | 13.7     | 202.6                     | 32.91 | 191.2 | 31.57 | 180.0 | 30.53 | 173.9 | 29.13 | 168.5 | 28.26 | 157.5 | 26.57 |
| 60     | -30               | -30.2    | 97.80                     | 77.24 | 97.80 | 78.12 | 97.00 | 89.07 | 94.30 | 84.38 | 91.00 | 80.06 | 85.40 | 76.14 |
|        | -24.8             | -25      | 162.9                     | 79.45 | 162.9 | 80.33 | 154.3 | 77.92 | 149.1 | 73.51 | 143.9 | 69.79 | 134.9 | 66.28 |
|        | -21.8             | -22      | 173.9                     | 80.17 | 164.4 | 77.43 | 154.3 | 73.44 | 149.1 | 69.73 | 143.9 | 66.22 | 134.9 | 62.83 |
|        | -19.8             | -20      | 173.9                     | 77.38 | 164.4 | 74.58 | 154.3 | 70.76 | 149.1 | 67.21 | 143.9 | 63.86 | 134.9 | 60.55 |
|        | -18.8             | -19      | 173.9                     | 75.96 | 164.4 | 73.17 | 154.3 | 69.43 | 149.1 | 65.96 | 143.9 | 62.67 | 134.9 | 59.39 |
|        | -16.7             | -17      | 173.9                     | 72.94 | 164.4 | 70.19 | 154.3 | 66.61 | 149.1 | 63.31 | 143.9 | 60.19 | 134.9 | 56.99 |
|        | -15               | -15.9    | 173.9                     | 70.80 | 164.4 | 68.06 | 154.3 | 64.60 | 149.1 | 61.43 | 143.9 | 58.41 | 134.9 | 55.29 |
|        | -13.7             | -15      | 173.9                     | 68.66 | 164.4 | 65.96 | 154.3 | 62.61 | 149.1 | 59.55 | 143.9 | 56.65 | 134.9 | 53.58 |
|        | -11.8             | -13      | 173.9                     | 65.96 | 164.4 | 63.26 | 154.3 | 60.06 | 149.1 | 57.15 | 143.9 | 54.41 | 134.9 | 51.41 |
|        | -9.8              | -11      | 173.9                     | 63.11 | 164.4 | 60.43 | 154.3 | 57.39 | 149.1 | 54.67 | 143.9 | 52.05 | 134.9 | 49.13 |
|        | -9.5              | -10      | 173.9                     | 62.69 | 164.4 | 60.00 | 154.3 | 57.00 | 149.1 | 54.28 | 143.9 | 51.69 | 134.9 | 48.78 |
|        | -8.5              | -9.1     | 173.9                     | 61.27 | 164.4 | 58.60 | 154.3 | 55.68 | 149.1 | 53.04 | 143.9 | 50.51 | 134.9 | 47.64 |
|        | -7                | -7.6     | 173.9                     | 59.15 | 164.4 | 56.50 | 154.3 | 53.67 | 149.1 | 51.16 | 143.9 | 48.76 | 134.9 | 45.93 |
|        | -5                | -5.6     | 173.9                     | 56.30 | 164.4 | 53.68 | 154.3 | 51.04 | 149.1 | 48.69 | 143.9 | 46.44 | 134.9 | 43.70 |
|        | -3                | -3.7     | 173.9                     | 53.51 | 164.4 | 50.90 | 154.3 | 48.39 | 149.1 | 46.21 | 143.9 | 44.10 | 134.9 | 41.43 |
|        | 0                 | -0.7     | 173.9                     | 49.27 | 164.4 | 46.71 | 154.3 | 44.45 | 149.1 | 42.49 | 143.9 | 40.59 | 134.9 | 38.06 |
|        | 3                 | 2.2      | 173.9                     | 45.04 | 164.4 | 42.51 | 154.3 | 40.48 | 149.1 | 38.80 | 143.9 | 37.12 | 134.9 | 34.67 |
|        | 5                 | 4.1      | 173.9                     | 42.24 | 164.4 | 39.73 | 154.3 | 37.86 | 149.1 | 36.33 | 143.9 | 34.79 | 134.9 | 32.44 |
|        | 7                 | 6        | 173.9                     | 39.43 | 164.4 | 36.92 | 154.3 | 35.23 | 149.1 | 33.83 | 143.9 | 32.47 | 134.9 | 30.18 |
|        | 9                 | 7.9      | 173.9                     | 35.20 | 164.4 | 32.97 | 154.3 | 31.40 | 149.1 | 30.19 | 143.9 | 28.96 | 134.9 | 26.92 |
|        | 11                | 9.8      | 173.9                     | 32.83 | 164.4 | 30.78 | 154.3 | 29.33 | 149.1 | 28.19 | 143.9 | 27.05 | 134.9 | 25.15 |
|        | 13                | 11.8     | 173.9                     | 30.78 | 164.4 | 28.82 | 154.3 | 27.50 | 149.1 | 26.41 | 143.9 | 25.34 | 134.9 | 23.56 |
|        | 15                | 13.7     | 173.9                     | 29.08 | 164.4 | 27.24 | 154.3 | 25.96 | 149.1 | 24.95 | 143.9 | 23.94 | 134.9 | 22.28 |
| 50     | -30               | -30.2    | 91.70                     | 67.21 | 86.50 | 77.25 | 81.30 | 73.15 | 78.60 | 69.34 | 76.10 | 65.68 | 70.80 | 62.44 |
|        | -24.8             | -25      | 145.0                     | 65.86 | 136.8 | 67.12 | 128.5 | 63.61 | 124.4 | 60.33 | 120.2 | 57.25 | 111.8 | 54.35 |
|        | -21.8             | -22      | 145.0                     | 67.08 | 136.8 | 63.58 | 128.5 | 60.29 | 124.4 | 57.19 | 120.2 | 54.30 | 111.8 | 51.52 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 145.0                     | 64.60 | 136.8 | 61.20 | 128.5 | 58.08 | 124.4 | 55.08 | 120.2 | 52.34 | 111.8 | 49.61 |
|        | -18.8             | -19      | 145.0                     | 63.36 | 136.8 | 60.01 | 128.5 | 56.98 | 124.4 | 54.07 | 120.2 | 51.36 | 111.8 | 48.70 |
|        | -16.7             | -17      | 145.0                     | 60.78 | 136.8 | 57.54 | 128.5 | 54.67 | 124.4 | 51.85 | 120.2 | 49.33 | 111.8 | 46.72 |
|        | -15               | -15.9    | 145.0                     | 58.93 | 136.8 | 55.76 | 128.5 | 53.00 | 124.4 | 50.27 | 120.2 | 47.87 | 111.8 | 45.32 |
|        | -13.7             | -15      | 145.0                     | 57.09 | 136.8 | 54.00 | 128.5 | 51.35 | 124.4 | 48.72 | 120.2 | 46.40 | 111.8 | 43.91 |
|        | -11.8             | -13      | 145.0                     | 54.76 | 136.8 | 51.78 | 128.5 | 49.26 | 124.4 | 46.73 | 120.2 | 44.56 | 111.8 | 42.13 |
|        | -9.8              | -11      | 145.0                     | 52.31 | 136.8 | 49.42 | 128.5 | 47.05 | 124.4 | 44.63 | 120.2 | 42.59 | 111.8 | 40.25 |
|        | -9.5              | -10      | 145.0                     | 51.93 | 136.8 | 49.08 | 128.5 | 46.72 | 124.4 | 44.33 | 120.2 | 42.33 | 111.8 | 39.97 |
|        | -8.5              | -9.1     | 145.0                     | 50.70 | 136.8 | 47.89 | 128.5 | 45.62 | 124.4 | 43.29 | 120.2 | 41.35 | 111.8 | 39.02 |
|        | -7                | -7.6     | 145.0                     | 48.87 | 136.8 | 46.13 | 128.5 | 43.98 | 124.4 | 41.74 | 120.2 | 39.90 | 111.8 | 37.64 |
|        | -5                | -5.6     | 145.0                     | 46.42 | 136.8 | 43.81 | 128.5 | 41.81 | 124.4 | 39.68 | 120.2 | 37.97 | 111.8 | 35.78 |
|        | -3                | -3.7     | 145.0                     | 44.01 | 136.8 | 41.48 | 128.5 | 39.61 | 124.4 | 37.60 | 120.2 | 36.05 | 111.8 | 33.95 |
|        | 0                 | -0.7     | 145.0                     | 40.38 | 136.8 | 37.96 | 128.5 | 36.35 | 124.4 | 34.51 | 120.2 | 33.18 | 111.8 | 31.15 |
|        | 3                 | 2.2      | 145.0                     | 36.73 | 136.8 | 34.50 | 128.5 | 33.11 | 124.4 | 31.41 | 120.2 | 30.31 | 111.8 | 28.38 |
|        | 5                 | 4.1      | 145.0                     | 34.30 | 136.8 | 32.18 | 128.5 | 30.92 | 124.4 | 29.36 | 120.2 | 28.38 | 111.8 | 26.53 |
|        | 7                 | 6        | 145.0                     | 31.88 | 136.8 | 29.85 | 128.5 | 28.76 | 124.4 | 27.30 | 120.2 | 26.44 | 111.8 | 24.70 |
|        | 9                 | 7.9      | 145.0                     | 28.79 | 136.8 | 26.95 | 128.5 | 25.95 | 124.4 | 24.66 | 120.2 | 23.89 | 111.8 | 22.29 |
|        | 11                | 9.8      | 145.0                     | 26.93 | 136.8 | 25.21 | 128.5 | 24.27 | 124.4 | 23.08 | 120.2 | 22.35 | 111.8 | 20.85 |
|        | 13                | 11.8     | 145.0                     | 25.28 | 136.8 | 23.69 | 128.5 | 22.79 | 124.4 | 21.67 | 120.2 | 20.98 | 111.8 | 19.59 |
|        | 15                | 13.7     | 145.0                     | 23.93 | 136.8 | 22.39 | 128.5 | 21.59 | 124.4 | 20.50 | 120.2 | 19.87 | 111.8 | 18.53 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM840LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 102.6                     | 90.56 | 102.6 | 91.39 | 101.9 | 92.10 | 101.9 | 93.15 | 101.9 | 94.19 | 100.4 | 95.88 |
|        | -24.8             | -25      | 171.0                     | 93.24 | 171.0 | 94.08 | 169.7 | 94.78 | 169.7 | 95.86 | 169.7 | 96.90 | 167.4 | 98.53 |
|        | -21.8             | -22      | 209.8                     | 94.80 | 209.8 | 95.62 | 208.5 | 96.33 | 208.5 | 97.42 | 208.5 | 98.46 | 205.1 | 100.1 |
|        | -19.8             | -20      | 222.4                     | 95.84 | 222.4 | 96.65 | 220.8 | 97.37 | 220.8 | 98.45 | 220.8 | 99.48 | 217.6 | 101.1 |
|        | -18.8             | -19      | 227.6                     | 96.35 | 227.6 | 97.18 | 226.1 | 97.88 | 226.1 | 98.96 | 226.1 | 99.99 | 222.6 | 101.6 |
|        | -16.7             | -17      | 238.2                     | 97.44 | 238.2 | 98.25 | 236.7 | 98.97 | 236.7 | 100.0 | 236.7 | 101.1 | 233.2 | 102.7 |
|        | -15               | -15.9    | 245.8                     | 98.20 | 245.8 | 99.03 | 244.4 | 99.73 | 244.4 | 100.8 | 244.4 | 101.9 | 240.5 | 100.8 |
|        | -13.7             | -15      | 253.6                     | 98.99 | 253.6 | 99.79 | 251.9 | 100.5 | 251.9 | 101.6 | 251.9 | 102.6 | 247.9 | 98.94 |
|        | -11.8             | -13      | 261.8                     | 99.96 | 261.8 | 100.8 | 260.2 | 101.5 | 260.2 | 102.6 | 260.2 | 100.1 | 257.1 | 96.56 |
|        | -9.8              | -11      | 270.6                     | 101.0 | 270.6 | 101.8 | 269.0 | 102.5 | 269.0 | 99.93 | 269.0 | 97.47 | 266.7 | 94.06 |
|        | -9.5              | -10      | 272.4                     | 101.2 | 272.4 | 101.9 | 270.8 | 102.1 | 270.8 | 99.52 | 270.3 | 97.09 | 268.0 | 93.67 |
|        | -8.5              | -9.1     | 278.8                     | 101.7 | 278.8 | 102.5 | 277.2 | 100.8 | 277.2 | 98.17 | 274.7 | 95.75 | 272.9 | 92.42 |
|        | -7                | -7.6     | 288.5                     | 102.4 | 288.5 | 100.5 | 286.4 | 98.75 | 286.4 | 96.20 | 286.4 | 93.76 | 281.5 | 90.56 |
|        | -5                | -5.6     | 301.2                     | 100.0 | 301.2 | 97.97 | 299.1 | 96.11 | 299.1 | 93.61 | 298.9 | 91.13 | 290.9 | 88.02 |
|        | -3                | -3.7     | 313.0                     | 97.33 | 313.0 | 95.20 | 311.2 | 93.31 | 309.6 | 90.38 | 307.4 | 87.45 | 298.3 | 84.86 |
|        | 0                 | -0.7     | 325.7                     | 92.19 | 325.7 | 89.91 | 323.7 | 87.90 | 322.1 | 85.38 | 319.9 | 83.07 | 298.6 | 77.39 |
|        | 3                 | 2.2      | 338.5                     | 88.57 | 338.5 | 86.08 | 336.4 | 83.92 | 332.5 | 80.97 | 320.7 | 76.39 | 298.6 | 73.53 |
|        | 5                 | 4.1      | 341.7                     | 84.93 | 341.7 | 82.38 | 340.7 | 80.31 | 332.5 | 76.48 | 320.7 | 73.47 | 298.6 | 71.22 |
|        | 7                 | 6        | 341.7                     | 80.62 | 341.7 | 78.01 | 340.7 | 75.96 | 332.5 | 73.24 | 320.7 | 71.07 | 298.6 | 68.93 |
|        | 9                 | 7.9      | 341.7                     | 78.41 | 341.7 | 75.90 | 340.7 | 73.69 | 332.5 | 71.56 | 320.7 | 69.44 | 298.6 | 67.33 |
| 120    | 11                | 9.8      | 341.7                     | 77.25 | 341.7 | 74.77 | 340.7 | 72.62 | 332.5 | 70.47 | 320.7 | 68.39 | 298.6 | 66.34 |
|        | 13                | 11.8     | 341.7                     | 76.01 | 341.7 | 73.54 | 340.7 | 71.41 | 332.5 | 69.34 | 320.7 | 67.27 | 298.6 | 65.26 |
|        | 15                | 13.7     | 341.7                     | 74.65 | 341.7 | 72.23 | 340.7 | 70.13 | 332.5 | 68.09 | 320.7 | 66.06 | 298.6 | 64.08 |
|        | -30               | -30.2    | 101.9                     | 91.39 | 101.9 | 92.10 | 101.1 | 93.15 | 101.1 | 94.19 | 101.1 | 95.88 | 99.60 | 97.00 |
|        | -24.8             | -25      | 169.7                     | 94.08 | 169.7 | 94.78 | 168.6 | 95.86 | 168.6 | 96.90 | 168.6 | 98.53 | 166.2 | 99.67 |
|        | -21.8             | -22      | 208.5                     | 95.62 | 208.5 | 96.33 | 207.1 | 97.42 | 207.1 | 98.46 | 207.1 | 100.1 | 204.0 | 101.2 |
|        | -19.8             | -20      | 220.8                     | 96.65 | 220.8 | 97.37 | 219.3 | 98.45 | 219.3 | 99.48 | 219.3 | 101.1 | 215.8 | 102.2 |
|        | -18.8             | -19      | 225.8                     | 97.18 | 225.8 | 97.88 | 224.3 | 98.96 | 224.3 | 99.99 | 224.3 | 101.6 | 220.9 | 102.8 |
|        | -16.7             | -17      | 236.4                     | 98.25 | 236.4 | 98.97 | 235.0 | 100.0 | 235.0 | 101.1 | 235.0 | 102.7 | 231.3 | 100.3 |
|        | -15               | -15.9    | 244.1                     | 99.03 | 244.1 | 99.73 | 242.4 | 100.8 | 242.4 | 101.9 | 242.4 | 100.9 | 238.7 | 98.59 |
|        | -13.7             | -15      | 251.5                     | 99.79 | 251.5 | 100.5 | 250.1 | 101.6 | 250.1 | 102.6 | 250.1 | 99.10 | 246.2 | 96.87 |
|        | -11.8             | -13      | 260.0                     | 100.8 | 260.0 | 101.5 | 258.3 | 102.6 | 258.3 | 100.1 | 258.3 | 96.82 | 255.4 | 94.68 |
|        | -9.8              | -11      | 268.5                     | 101.8 | 268.5 | 102.5 | 266.9 | 99.78 | 266.9 | 97.41 | 266.9 | 94.44 | 264.8 | 92.39 |
|        | -9.5              | -10      | 270.6                     | 101.9 | 270.6 | 102.1 | 268.8 | 99.39 | 268.8 | 97.03 | 268.8 | 94.06 | 266.6 | 92.02 |
|        | -8.5              | -9.1     | 276.9                     | 102.5 | 276.9 | 100.6 | 275.0 | 98.00 | 275.0 | 95.69 | 274.5 | 92.89 | 272.0 | 90.87 |
|        | -7                | -7.6     | 286.3                     | 100.3 | 286.3 | 98.41 | 284.6 | 95.92 | 284.6 | 93.69 | 282.4 | 91.10 | 278.0 | 88.77 |
|        | -5                | -5.6     | 299.1                     | 97.50 | 299.1 | 95.56 | 297.1 | 93.19 | 295.6 | 90.66 | 293.7 | 87.82 | 280.4 | 84.24 |
|        | -3                | -3.7     | 310.6                     | 94.44 | 309.9 | 92.32 | 306.0 | 89.50 | 304.0 | 87.01 | 301.8 | 84.70 | 280.4 | 79.64 |
|        | 0                 | -0.7     | 323.3                     | 88.75 | 322.6 | 86.72 | 318.4 | 84.72 | 311.6 | 81.61 | 301.8 | 77.97 | 280.4 | 76.31 |
| 110    | 3                 | 2.2      | 335.9                     | 84.57 | 335.2 | 82.52 | 322.2 | 78.53 | 311.6 | 75.73 | 301.8 | 74.55 | 280.4 | 73.14 |
|        | 5                 | 4.1      | 339.2                     | 80.58 | 335.6 | 77.82 | 322.2 | 74.77 | 311.6 | 73.28 | 301.8 | 72.35 | 280.4 | 71.04 |
|        | 7                 | 6        | 339.2                     | 75.97 | 335.6 | 73.66 | 322.2 | 72.21 | 311.6 | 70.82 | 301.8 | 70.16 | 280.4 | 68.89 |
|        | 9                 | 7.9      | 339.2                     | 73.76 | 335.6 | 71.76 | 322.2 | 70.35 | 311.6 | 69.01 | 301.8 | 68.36 | 280.4 | 67.13 |
|        | 11                | 9.8      | 339.2                     | 72.47 | 335.6 | 70.50 | 322.2 | 69.10 | 311.6 | 67.81 | 301.8 | 67.14 | 280.4 | 65.95 |
|        | 13                | 11.8     | 339.2                     | 71.07 | 335.6 | 69.13 | 322.2 | 67.78 | 311.6 | 66.49 | 301.8 | 65.85 | 280.4 | 64.70 |
|        | 15                | 13.7     | 339.2                     | 69.58 | 335.6 | 67.67 | 322.2 | 66.36 | 311.6 | 65.08 | 301.8 | 64.44 | 280.4 | 63.33 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 101.4                     | 92.10 | 101.4 | 93.15 | 100.8 | 94.19 | 100.8 | 95.88 | 100.8 | 97.00 | 99.10 | 97.56 |
|        | -24.8             | -25      | 168.9                     | 94.78 | 168.9 | 95.86 | 167.8 | 96.90 | 167.8 | 98.53 | 167.8 | 99.67 | 165.0 | 100.2 |
|        | -21.8             | -22      | 207.3                     | 96.33 | 207.3 | 97.42 | 205.8 | 98.46 | 205.8 | 100.1 | 205.8 | 101.2 | 202.9 | 101.8 |
|        | -19.8             | -20      | 219.6                     | 97.37 | 219.6 | 98.45 | 218.2 | 99.48 | 218.2 | 101.1 | 218.2 | 102.2 | 214.7 | 102.8 |
|        | -18.8             | -19      | 224.5                     | 97.88 | 224.5 | 98.96 | 223.2 | 99.99 | 223.2 | 101.6 | 223.2 | 102.8 | 219.8 | 101.5 |
|        | -16.7             | -17      | 235.3                     | 98.97 | 235.3 | 100.0 | 233.8 | 101.1 | 233.8 | 102.7 | 233.8 | 100.1 | 230.2 | 98.77 |
|        | -15               | -15.9    | 242.7                     | 99.73 | 242.7 | 100.8 | 241.2 | 101.9 | 241.2 | 100.7 | 241.2 | 98.25 | 239.3 | 96.83 |
|        | -13.7             | -15      | 250.2                     | 100.5 | 250.2 | 101.6 | 248.7 | 102.6 | 248.7 | 98.72 | 248.7 | 96.37 | 248.7 | 94.91 |
|        | -11.8             | -13      | 258.3                     | 101.5 | 258.3 | 102.6 | 257.0 | 99.83 | 257.0 | 96.20 | 257.0 | 93.95 | 252.4 | 90.78 |
|        | -9.8              | -11      | 267.2                     | 102.5 | 267.2 | 99.43 | 265.6 | 96.89 | 265.6 | 93.55 | 265.6 | 91.47 | 252.4 | 85.75 |
|        | -9.5              | -10      | 268.8                     | 102.0 | 268.8 | 98.95 | 267.5 | 96.42 | 267.5 | 93.15 | 267.5 | 91.09 | 252.4 | 84.73 |
|        | -8.5              | -9.1     | 275.2                     | 100.3 | 275.2 | 97.38 | 273.7 | 94.95 | 273.7 | 91.84 | 270.3 | 88.81 | 252.4 | 83.01 |
|        | -7                | -7.6     | 284.9                     | 97.77 | 284.9 | 95.02 | 281.8 | 92.35 | 279.7 | 88.87 | 270.3 | 84.51 | 252.4 | 81.02 |
|        | -5                | -5.6     | 297.3                     | 94.46 | 295.0 | 91.26 | 289.2 | 88.13 | 279.7 | 83.06 | 270.3 | 80.57 | 252.4 | 78.64 |
|        | -3                | -3.7     | 306.9                     | 90.34 | 303.5 | 87.18 | 289.2 | 82.64 | 279.7 | 79.50 | 270.3 | 77.98 | 252.4 | 76.26 |
|        | 0                 | -0.7     | 319.3                     | 84.46 | 308.3 | 80.53 | 289.2 | 77.65 | 279.7 | 75.85 | 270.3 | 74.53 | 252.4 | 72.70 |
|        | 3                 | 2.2      | 326.2                     | 78.20 | 308.3 | 74.72 | 289.2 | 73.56 | 279.7 | 72.20 | 270.3 | 71.07 | 252.4 | 69.13 |
|        | 5                 | 4.1      | 326.2                     | 73.10 | 308.3 | 71.83 | 289.2 | 70.89 | 279.7 | 69.75 | 270.3 | 68.76 | 252.4 | 66.76 |
|        | 7                 | 6        | 326.2                     | 69.96 | 308.3 | 68.91 | 289.2 | 68.16 | 279.7 | 67.32 | 270.3 | 66.47 | 252.4 | 64.39 |
|        | 9                 | 7.9      | 326.2                     | 67.86 | 308.3 | 66.85 | 289.2 | 66.09 | 279.7 | 65.28 | 270.3 | 64.44 | 252.4 | 62.45 |
|        | 11                | 9.8      | 326.2                     | 66.35 | 308.3 | 65.35 | 289.2 | 64.62 | 279.7 | 63.82 | 270.3 | 62.98 | 252.4 | 61.05 |
|        | 13                | 11.8     | 326.2                     | 64.71 | 308.3 | 63.74 | 289.2 | 63.01 | 279.7 | 62.26 | 270.3 | 61.45 | 252.4 | 59.55 |
|        | 15                | 13.7     | 326.2                     | 62.95 | 308.3 | 62.01 | 289.2 | 61.30 | 279.7 | 60.57 | 270.3 | 59.79 | 252.4 | 57.93 |
| 100    | -30               | -30.2    | 100.8                     | 105.5 | 100.8 | 105.3 | 100.3 | 92.74 | 100.3 | 104.7 | 100.3 | 102.0 | 98.60 | 104.3 |
|        | -24.8             | -25      | 168.1                     | 104.7 | 168.1 | 104.5 | 167.1 | 97.95 | 167.1 | 103.9 | 167.1 | 103.7 | 164.2 | 103.6 |
|        | -21.8             | -22      | 206.1                     | 104.3 | 206.1 | 104.1 | 205.0 | 101.0 | 205.0 | 103.5 | 205.0 | 104.6 | 201.7 | 103.1 |
|        | -19.8             | -20      | 218.6                     | 104.0 | 218.6 | 103.7 | 217.4 | 102.9 | 217.4 | 103.2 | 217.4 | 103.4 | 214.0 | 102.8 |
|        | -18.8             | -19      | 223.6                     | 103.8 | 222.4 | 103.6 | 222.4 | 103.4 | 222.4 | 103.0 | 222.4 | 102.8 | 218.8 | 101.2 |
|        | -16.7             | -17      | 232.7                     | 103.6 | 232.7 | 103.3 | 232.7 | 104.4 | 231.4 | 102.7 | 231.4 | 99.48 | 228.0 | 97.85 |
|        | -15               | -15.9    | 241.0                     | 103.3 | 241.0 | 103.1 | 240.0 | 103.5 | 239.6 | 100.3 | 239.6 | 97.12 | 230.6 | 93.32 |
|        | -13.7             | -15      | 249.1                     | 103.1 | 249.1 | 102.9 | 247.5 | 102.6 | 247.5 | 97.96 | 247.5 | 94.73 | 230.6 | 88.01 |
|        | -11.8             | -13      | 257.2                     | 102.8 | 255.8 | 102.6 | 255.8 | 99.47 | 255.8 | 94.95 | 247.6 | 88.84 | 230.6 | 84.60 |
|        | -9.8              | -11      | 265.7                     | 102.5 | 265.7 | 99.05 | 264.6 | 96.15 | 256.0 | 88.86 | 247.6 | 83.96 | 230.6 | 81.55 |
|        | -9.5              | -10      | 267.5                     | 101.9 | 267.5 | 98.51 | 264.6 | 94.99 | 256.0 | 87.80 | 247.6 | 83.31 | 230.6 | 81.09 |
|        | -8.5              | -9.1     | 273.8                     | 100.1 | 273.8 | 96.74 | 264.6 | 91.20 | 256.0 | 84.29 | 247.6 | 81.39 | 230.6 | 79.59 |
|        | -7                | -7.6     | 287.5                     | 97.22 | 281.4 | 92.44 | 264.6 | 85.91 | 256.0 | 82.08 | 247.6 | 79.19 | 230.6 | 77.36 |
|        | -5                | -5.6     | 297.5                     | 92.86 | 281.4 | 85.85 | 264.6 | 82.87 | 256.0 | 79.15 | 247.6 | 76.31 | 230.6 | 74.42 |
|        | -3                | -3.7     | 298.4                     | 87.11 | 281.4 | 81.90 | 264.6 | 79.81 | 256.0 | 76.24 | 247.6 | 73.43 | 230.6 | 71.47 |
|        | 0                 | -0.7     | 298.4                     | 79.59 | 281.4 | 77.00 | 264.6 | 75.20 | 256.0 | 71.87 | 247.6 | 69.10 | 230.6 | 67.05 |
|        | 3                 | 2.2      | 298.4                     | 74.51 | 281.4 | 72.12 | 264.6 | 70.61 | 256.0 | 67.50 | 247.6 | 64.78 | 230.6 | 62.64 |
|        | 5                 | 4.1      | 298.4                     | 71.14 | 281.4 | 68.87 | 264.6 | 67.54 | 256.0 | 64.61 | 247.6 | 61.90 | 230.6 | 59.71 |
|        | 7                 | 6        | 298.4                     | 67.74 | 281.4 | 65.60 | 264.6 | 64.50 | 256.0 | 61.69 | 247.6 | 59.02 | 230.6 | 56.76 |
|        | 9                 | 7.9      | 298.4                     | 65.34 | 281.4 | 63.30 | 264.6 | 62.19 | 256.0 | 59.50 | 247.6 | 56.95 | 230.6 | 54.74 |
|        | 11                | 9.8      | 298.4                     | 63.51 | 281.4 | 61.52 | 264.6 | 60.46 | 256.0 | 57.81 | 247.6 | 55.33 | 230.6 | 53.21 |
|        | 13                | 11.8     | 298.4                     | 61.57 | 281.4 | 59.61 | 264.6 | 58.59 | 256.0 | 56.05 | 247.6 | 53.62 | 230.6 | 51.56 |
|        | 15                | 13.7     | 298.4                     | 59.48 | 281.4 | 57.61 | 264.6 | 56.62 | 256.0 | 54.16 | 247.6 | 51.82 | 230.6 | 49.83 |
| 90     | -30               | -30.2    | 100.5                     | 90.74 | 100.5 | 92.30 | 99.80 | 93.50 | 99.80 | 93.98 | 99.80 | 95.12 | 98.30 | 106.8 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 167.5                     | 93.41 | 167.5 | 95.03 | 166.4 | 96.19 | 166.4 | 96.70 | 166.4 | 97.80 | 163.8 | 99.46 |
|        | -21.8             | -22      | 205.4                     | 94.94 | 205.4 | 96.59 | 204.2 | 97.73 | 204.2 | 98.26 | 204.2 | 99.36 | 200.9 | 95.22 |
|        | -19.8             | -20      | 217.9                     | 95.99 | 217.9 | 97.63 | 216.4 | 98.77 | 216.4 | 99.31 | 216.4 | 96.48 | 210.8 | 91.46 |
|        | -18.8             | -19      | 223.6                     | 96.51 | 222.4 | 98.14 | 221.3 | 99.27 | 221.3 | 97.83 | 221.3 | 95.03 | 210.8 | 88.01 |
|        | -16.7             | -17      | 232.7                     | 97.60 | 232.7 | 99.22 | 231.7 | 96.23 | 231.7 | 94.72 | 227.1 | 90.14 | 210.8 | 83.05 |
|        | -15               | -15.9    | 241.0                     | 98.37 | 241.0 | 96.97 | 239.2 | 94.07 | 234.6 | 90.72 | 227.1 | 86.37 | 210.8 | 80.86 |
|        | -13.7             | -15      | 249.1                     | 99.15 | 249.1 | 94.70 | 242.1 | 90.11 | 234.6 | 85.87 | 227.1 | 82.76 | 210.8 | 78.71 |
|        | -11.8             | -13      | 257.2                     | 96.07 | 255.8 | 91.86 | 242.1 | 84.67 | 234.6 | 82.59 | 227.1 | 79.84 | 210.8 | 76.18 |
|        | -9.8              | -11      | 265.7                     | 92.84 | 257.0 | 85.96 | 242.1 | 81.35 | 234.6 | 79.40 | 227.1 | 77.15 | 210.8 | 73.55 |
|        | -9.5              | -10      | 267.5                     | 92.34 | 257.0 | 84.94 | 242.1 | 80.74 | 234.6 | 78.99 | 227.1 | 76.72 | 210.8 | 73.15 |
|        | -8.5              | -9.1     | 272.6                     | 90.36 | 257.0 | 82.17 | 242.1 | 79.22 | 234.6 | 77.62 | 227.1 | 75.39 | 210.8 | 71.84 |
|        | -7                | -7.6     | 273.2                     | 83.84 | 257.0 | 79.51 | 242.1 | 77.19 | 234.6 | 75.55 | 227.1 | 73.37 | 210.8 | 69.85 |
|        | -5                | -5.6     | 273.2                     | 79.95 | 257.0 | 76.76 | 242.1 | 74.52 | 234.6 | 72.83 | 227.1 | 70.74 | 210.8 | 67.27 |
|        | -3                | -3.7     | 273.2                     | 76.97 | 257.0 | 73.99 | 242.1 | 71.86 | 234.6 | 70.10 | 227.1 | 68.07 | 210.8 | 64.69 |
|        | 0                 | -0.7     | 273.2                     | 72.50 | 257.0 | 69.81 | 242.1 | 67.86 | 234.6 | 66.02 | 227.1 | 64.09 | 210.8 | 60.80 |
|        | 3                 | 2.2      | 273.2                     | 68.01 | 257.0 | 65.65 | 242.1 | 63.85 | 234.6 | 61.96 | 227.1 | 60.12 | 210.8 | 56.88 |
|        | 5                 | 4.1      | 273.2                     | 65.02 | 257.0 | 62.88 | 242.1 | 61.18 | 234.6 | 59.24 | 227.1 | 57.46 | 210.8 | 54.28 |
|        | 7                 | 6        | 273.2                     | 62.04 | 257.0 | 60.13 | 242.1 | 58.51 | 234.6 | 56.53 | 227.1 | 54.85 | 210.8 | 51.71 |
|        | 9                 | 7.9      | 273.2                     | 59.20 | 257.0 | 57.37 | 242.1 | 55.82 | 234.6 | 53.93 | 227.1 | 52.32 | 210.8 | 49.35 |
|        | 11                | 9.8      | 273.2                     | 56.37 | 257.0 | 54.63 | 242.1 | 53.16 | 234.6 | 51.35 | 227.1 | 49.82 | 210.8 | 46.98 |
|        | 13                | 11.8     | 273.2                     | 53.54 | 257.0 | 51.88 | 242.1 | 50.51 | 234.6 | 48.77 | 227.1 | 47.32 | 210.8 | 44.61 |
|        | 15                | 13.7     | 273.2                     | 50.72 | 257.0 | 49.16 | 242.1 | 47.81 | 234.6 | 46.19 | 227.1 | 44.81 | 210.8 | 42.26 |
| 80     | -30               | -30.2    | 100.0                     | 79.54 | 100.0 | 81.23 | 99.40 | 82.42 | 99.40 | 81.01 | 99.40 | 94.86 | 97.90 | 90.97 |
|        | -24.8             | -25      | 166.8                     | 82.29 | 166.8 | 83.94 | 165.7 | 85.10 | 165.7 | 85.64 | 165.7 | 88.36 | 163.1 | 84.70 |
|        | -21.8             | -22      | 203.2                     | 83.87 | 203.2 | 85.49 | 203.2 | 86.65 | 203.2 | 88.29 | 202.0 | 84.13 | 188.4 | 76.88 |
|        | -19.8             | -20      | 215.5                     | 84.91 | 215.5 | 86.55 | 215.4 | 88.18 | 210.0 | 83.47 | 202.6 | 78.04 | 188.4 | 73.89 |
|        | -18.8             | -19      | 220.5                     | 85.43 | 220.5 | 88.22 | 216.5 | 85.35 | 210.0 | 80.41 | 202.6 | 76.51 | 188.4 | 72.79 |
|        | -16.7             | -17      | 228.5                     | 88.16 | 228.5 | 85.45 | 216.5 | 79.77 | 210.0 | 76.91 | 202.6 | 73.54 | 188.4 | 70.45 |
|        | -15               | -15.9    | 234.9                     | 86.13 | 230.6 | 82.85 | 216.5 | 77.50 | 210.0 | 74.92 | 202.6 | 71.78 | 188.4 | 68.75 |
|        | -13.7             | -15      | 239.8                     | 83.62 | 230.6 | 79.55 | 216.5 | 75.29 | 210.0 | 72.93 | 202.6 | 70.03 | 188.4 | 67.06 |
|        | -11.8             | -13      | 244.5                     | 80.69 | 230.6 | 76.02 | 216.5 | 72.92 | 210.0 | 70.62 | 202.6 | 67.82 | 188.4 | 64.94 |
|        | -9.8              | -11      | 244.7                     | 76.18 | 230.6 | 72.58 | 216.5 | 70.44 | 210.0 | 68.15 | 202.6 | 65.47 | 188.4 | 62.68 |
|        | -9.5              | -10      | 244.7                     | 75.23 | 230.6 | 71.74 | 216.5 | 70.06 | 210.0 | 67.78 | 202.6 | 65.13 | 188.4 | 62.36 |
|        | -8.5              | -9.1     | 244.7                     | 73.17 | 230.6 | 70.17 | 216.5 | 68.82 | 210.0 | 66.57 | 202.6 | 64.00 | 188.4 | 61.26 |
|        | -7                | -7.6     | 244.7                     | 70.46 | 230.6 | 68.31 | 216.5 | 66.97 | 210.0 | 64.71 | 202.6 | 62.26 | 188.4 | 59.56 |
|        | -5                | -5.6     | 244.7                     | 67.96 | 230.6 | 65.91 | 216.5 | 64.51 | 210.0 | 62.31 | 202.6 | 59.95 | 188.4 | 57.36 |
|        | -3                | -3.7     | 244.7                     | 65.45 | 230.6 | 63.48 | 216.5 | 62.08 | 210.0 | 59.89 | 202.6 | 57.67 | 188.4 | 55.15 |
|        | 0                 | -0.7     | 244.7                     | 61.68 | 230.6 | 59.88 | 216.5 | 58.44 | 210.0 | 56.28 | 202.6 | 54.23 | 188.4 | 51.86 |
|        | 3                 | 2.2      | 244.7                     | 57.93 | 230.6 | 56.23 | 216.5 | 54.76 | 210.0 | 52.62 | 202.6 | 50.82 | 188.4 | 48.55 |
|        | 5                 | 4.1      | 244.7                     | 55.44 | 230.6 | 53.82 | 216.5 | 52.32 | 210.0 | 50.21 | 202.6 | 48.52 | 188.4 | 46.35 |
|        | 7                 | 6        | 244.7                     | 52.93 | 230.6 | 51.39 | 216.5 | 49.88 | 210.0 | 47.82 | 202.6 | 46.22 | 188.4 | 44.14 |
|        | 9                 | 7.9      | 244.7                     | 49.70 | 230.6 | 48.27 | 216.5 | 46.84 | 210.0 | 44.88 | 202.6 | 43.41 | 188.4 | 41.45 |
|        | 11                | 9.8      | 244.7                     | 46.12 | 230.6 | 44.79 | 216.5 | 43.48 | 210.0 | 41.65 | 202.6 | 40.28 | 188.4 | 38.47 |
|        | 13                | 11.8     | 244.7                     | 43.06 | 230.6 | 41.80 | 216.5 | 40.59 | 210.0 | 38.89 | 202.6 | 37.61 | 188.4 | 35.91 |
|        | 15                | 13.7     | 244.7                     | 40.53 | 230.6 | 39.34 | 216.5 | 38.18 | 210.0 | 36.60 | 202.6 | 35.39 | 188.4 | 33.80 |
| 70     | -30               | -30.2    | 100.0                     | 80.21 | 100.0 | 80.78 | 99.40 | 81.88 | 99.40 | 93.34 | 99.40 | 88.88 | 97.90 | 84.89 |
|        | -24.8             | -25      | 166.8                     | 82.97 | 166.8 | 83.51 | 165.7 | 84.61 | 165.7 | 86.26 | 165.7 | 82.26 | 161.3 | 77.63 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 196.2                     | 84.55 | 195.5 | 84.66 | 184.4 | 81.38 | 178.1 | 77.19 | 172.6 | 73.66 | 161.3 | 70.27 |
|        | -19.8             | -20      | 207.5                     | 83.05 | 195.8 | 81.34 | 184.4 | 78.27 | 178.1 | 74.66 | 172.6 | 71.29 | 161.3 | 67.94 |
|        | -18.8             | -19      | 207.5                     | 81.82 | 195.8 | 79.63 | 184.4 | 76.95 | 178.1 | 73.37 | 172.6 | 70.08 | 161.3 | 66.78 |
|        | -16.7             | -17      | 207.5                     | 78.14 | 195.8 | 76.63 | 184.4 | 74.15 | 178.1 | 70.69 | 172.6 | 67.59 | 161.3 | 64.35 |
|        | -15               | -15.9    | 207.5                     | 76.05 | 195.8 | 74.58 | 184.4 | 72.13 | 178.1 | 68.78 | 172.6 | 65.80 | 161.3 | 62.63 |
|        | -13.7             | -15      | 207.5                     | 73.96 | 195.8 | 72.50 | 184.4 | 70.13 | 178.1 | 66.90 | 172.6 | 64.01 | 161.3 | 60.89 |
|        | -11.8             | -13      | 207.5                     | 71.37 | 195.8 | 69.91 | 184.4 | 67.60 | 178.1 | 64.46 | 172.6 | 61.75 | 161.3 | 58.71 |
|        | -9.8              | -11      | 207.5                     | 68.67 | 195.8 | 67.13 | 184.4 | 64.94 | 178.1 | 61.93 | 172.6 | 59.38 | 161.3 | 56.40 |
|        | -9.5              | -10      | 207.5                     | 68.27 | 195.8 | 66.71 | 184.4 | 64.54 | 178.1 | 61.54 | 172.6 | 59.02 | 161.3 | 56.06 |
|        | -8.5              | -9.1     | 207.5                     | 66.91 | 195.8 | 65.35 | 184.4 | 63.21 | 178.1 | 60.28 | 172.6 | 57.82 | 161.3 | 54.90 |
|        | -7                | -7.6     | 207.5                     | 64.86 | 195.8 | 63.30 | 184.4 | 61.24 | 178.1 | 58.39 | 172.6 | 56.04 | 161.3 | 53.18 |
|        | -5                | -5.6     | 207.5                     | 62.20 | 195.8 | 60.59 | 184.4 | 58.57 | 178.1 | 55.89 | 172.6 | 53.71 | 161.3 | 50.92 |
|        | -3                | -3.7     | 207.5                     | 59.54 | 195.8 | 57.88 | 184.4 | 55.95 | 178.1 | 53.39 | 172.6 | 51.36 | 161.3 | 48.64 |
|        | 0                 | -0.7     | 207.5                     | 55.53 | 195.8 | 53.81 | 184.4 | 52.03 | 178.1 | 49.64 | 172.6 | 47.86 | 161.3 | 45.24 |
|        | 3                 | 2.2      | 207.5                     | 51.52 | 195.8 | 49.76 | 184.4 | 48.09 | 178.1 | 45.91 | 172.6 | 44.35 | 161.3 | 41.84 |
|        | 5                 | 4.1      | 207.5                     | 48.85 | 195.8 | 47.04 | 184.4 | 45.49 | 178.1 | 43.41 | 172.6 | 42.01 | 161.3 | 39.58 |
|        | 7                 | 6        | 207.5                     | 46.18 | 195.8 | 44.34 | 184.4 | 42.84 | 178.1 | 40.91 | 172.6 | 39.68 | 161.3 | 37.30 |
|        | 9                 | 7.9      | 207.5                     | 41.73 | 195.8 | 40.03 | 184.4 | 38.69 | 178.1 | 36.95 | 172.6 | 35.83 | 161.3 | 33.67 |
|        | 11                | 9.8      | 207.5                     | 38.84 | 195.8 | 37.26 | 184.4 | 36.02 | 178.1 | 34.40 | 172.6 | 33.36 | 161.3 | 31.35 |
|        | 13                | 11.8     | 207.5                     | 36.33 | 195.8 | 34.87 | 184.4 | 33.70 | 178.1 | 32.19 | 172.6 | 31.21 | 161.3 | 29.37 |
|        | 15                | 13.7     | 207.5                     | 34.27 | 195.8 | 32.87 | 184.4 | 31.79 | 178.1 | 30.33 | 172.6 | 29.42 | 161.3 | 27.66 |
| 60     | -30               | -30.2    | 99.70                     | 79.21 | 99.70 | 80.30 | 99.00 | 92.31 | 96.80 | 87.51 | 94.00 | 83.09 | 88.40 | 79.07 |
|        | -24.8             | -25      | 166.1                     | 81.96 | 166.1 | 83.06 | 158.1 | 81.17 | 152.7 | 76.17 | 147.4 | 71.91 | 138.2 | 68.21 |
|        | -21.8             | -22      | 178.1                     | 82.57 | 168.4 | 79.53 | 158.1 | 75.48 | 152.7 | 71.71 | 147.4 | 68.14 | 138.2 | 64.70 |
|        | -19.8             | -20      | 178.1                     | 79.48 | 168.4 | 76.64 | 158.1 | 72.75 | 152.7 | 69.14 | 147.4 | 65.73 | 138.2 | 62.37 |
|        | -18.8             | -19      | 178.1                     | 78.02 | 168.4 | 75.19 | 158.1 | 71.41 | 152.7 | 67.88 | 147.4 | 64.52 | 138.2 | 61.18 |
|        | -16.7             | -17      | 178.1                     | 74.98 | 168.4 | 72.17 | 158.1 | 68.54 | 152.7 | 65.18 | 147.4 | 62.00 | 138.2 | 58.73 |
|        | -15               | -15.9    | 178.1                     | 72.80 | 168.4 | 70.02 | 158.1 | 66.49 | 152.7 | 63.26 | 147.4 | 60.19 | 138.2 | 57.00 |
|        | -13.7             | -15      | 178.1                     | 70.64 | 168.4 | 67.88 | 158.1 | 64.47 | 152.7 | 61.35 | 147.4 | 58.41 | 138.2 | 55.26 |
|        | -11.8             | -13      | 178.1                     | 67.90 | 168.4 | 65.14 | 158.1 | 61.88 | 152.7 | 58.91 | 147.4 | 56.12 | 138.2 | 53.04 |
|        | -9.8              | -11      | 178.1                     | 65.01 | 168.4 | 62.27 | 158.1 | 59.17 | 152.7 | 56.39 | 147.4 | 53.72 | 138.2 | 50.73 |
|        | -9.5              | -10      | 178.1                     | 64.58 | 168.4 | 61.84 | 158.1 | 58.78 | 152.7 | 56.00 | 147.4 | 53.34 | 138.2 | 50.36 |
|        | -8.5              | -9.1     | 178.1                     | 63.15 | 168.4 | 60.41 | 158.1 | 57.43 | 152.7 | 54.74 | 147.4 | 52.15 | 138.2 | 49.20 |
|        | -7                | -7.6     | 178.1                     | 61.00 | 168.4 | 58.28 | 158.1 | 55.40 | 152.7 | 52.82 | 147.4 | 50.37 | 138.2 | 47.46 |
|        | -5                | -5.6     | 178.1                     | 58.12 | 168.4 | 55.42 | 158.1 | 52.71 | 152.7 | 50.32 | 147.4 | 48.00 | 138.2 | 45.19 |
|        | -3                | -3.7     | 178.1                     | 55.30 | 168.4 | 52.60 | 158.1 | 50.03 | 152.7 | 47.80 | 147.4 | 45.63 | 138.2 | 42.88 |
|        | 0                 | -0.7     | 178.1                     | 51.01 | 168.4 | 48.36 | 158.1 | 46.04 | 152.7 | 44.02 | 147.4 | 42.07 | 138.2 | 39.45 |
|        | 3                 | 2.2      | 178.1                     | 46.73 | 168.4 | 44.11 | 158.1 | 42.00 | 152.7 | 40.27 | 147.4 | 38.53 | 138.2 | 36.00 |
|        | 5                 | 4.1      | 178.1                     | 43.90 | 168.4 | 41.29 | 158.1 | 39.35 | 152.7 | 37.76 | 147.4 | 36.17 | 138.2 | 33.71 |
|        | 7                 | 6        | 178.1                     | 41.06 | 168.4 | 38.44 | 158.1 | 36.68 | 152.7 | 35.22 | 147.4 | 33.79 | 138.2 | 31.42 |
|        | 9                 | 7.9      | 178.1                     | 36.64 | 168.4 | 34.33 | 158.1 | 32.70 | 152.7 | 31.43 | 147.4 | 30.15 | 138.2 | 28.04 |
|        | 11                | 9.8      | 178.1                     | 34.18 | 168.4 | 32.05 | 158.1 | 30.54 | 152.7 | 29.36 | 147.4 | 28.17 | 138.2 | 26.18 |
|        | 13                | 11.8     | 178.1                     | 32.05 | 168.4 | 30.00 | 158.1 | 28.63 | 152.7 | 27.50 | 147.4 | 26.38 | 138.2 | 24.53 |
|        | 15                | 13.7     | 178.1                     | 30.27 | 168.4 | 28.36 | 158.1 | 27.03 | 152.7 | 25.97 | 147.4 | 24.92 | 138.2 | 23.19 |
| 50     | -30               | -30.2    | 94.90                     | 69.39 | 89.60 | 80.54 | 84.20 | 76.29 | 81.50 | 72.40 | 78.80 | 68.54 | 73.40 | 65.22 |
|        | -24.8             | -25      | 148.5                     | 67.78 | 140.1 | 69.31 | 131.7 | 65.71 | 127.5 | 62.35 | 123.2 | 59.17 | 114.6 | 56.20 |
|        | -21.8             | -22      | 148.5                     | 69.26 | 140.1 | 65.67 | 131.7 | 62.31 | 127.5 | 59.11 | 123.2 | 56.15 | 114.6 | 53.29 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 148.5                     | 66.71 | 140.1 | 63.23 | 131.7 | 60.02 | 127.5 | 56.95 | 123.2 | 54.14 | 114.6 | 51.33 |
|        | -18.8             | -19      | 148.5                     | 65.45 | 140.1 | 62.01 | 131.7 | 58.90 | 127.5 | 55.90 | 123.2 | 53.12 | 114.6 | 50.39 |
|        | -16.7             | -17      | 148.5                     | 62.80 | 140.1 | 59.48 | 131.7 | 56.53 | 127.5 | 53.63 | 123.2 | 51.04 | 114.6 | 48.35 |
|        | -15               | -15.9    | 148.5                     | 60.90 | 140.1 | 57.65 | 131.7 | 54.81 | 127.5 | 52.01 | 123.2 | 49.54 | 114.6 | 46.90 |
|        | -13.7             | -15      | 148.5                     | 59.01 | 140.1 | 55.85 | 131.7 | 53.11 | 127.5 | 50.41 | 123.2 | 48.03 | 114.6 | 45.46 |
|        | -11.8             | -13      | 148.5                     | 56.63 | 140.1 | 53.56 | 131.7 | 50.97 | 127.5 | 48.37 | 123.2 | 46.14 | 114.6 | 43.63 |
|        | -9.8              | -11      | 148.5                     | 54.12 | 140.1 | 51.14 | 131.7 | 48.70 | 127.5 | 46.21 | 123.2 | 44.12 | 114.6 | 41.69 |
|        | -9.5              | -10      | 148.5                     | 53.73 | 140.1 | 50.79 | 131.7 | 48.36 | 127.5 | 45.91 | 123.2 | 43.84 | 114.6 | 41.41 |
|        | -8.5              | -9.1     | 148.5                     | 52.46 | 140.1 | 49.57 | 131.7 | 47.23 | 127.5 | 44.83 | 123.2 | 42.84 | 114.6 | 40.43 |
|        | -7                | -7.6     | 148.5                     | 50.58 | 140.1 | 47.77 | 131.7 | 45.55 | 127.5 | 43.24 | 123.2 | 41.35 | 114.6 | 39.01 |
|        | -5                | -5.6     | 148.5                     | 48.08 | 140.1 | 45.39 | 131.7 | 43.32 | 127.5 | 41.13 | 123.2 | 39.36 | 114.6 | 37.10 |
|        | -3                | -3.7     | 148.5                     | 45.62 | 140.1 | 43.00 | 131.7 | 41.08 | 127.5 | 39.00 | 123.2 | 37.39 | 114.6 | 35.22 |
|        | 0                 | -0.7     | 148.5                     | 41.89 | 140.1 | 39.39 | 131.7 | 37.73 | 127.5 | 35.82 | 123.2 | 34.45 | 114.6 | 32.35 |
|        | 3                 | 2.2      | 148.5                     | 38.16 | 140.1 | 35.84 | 131.7 | 34.40 | 127.5 | 32.64 | 123.2 | 31.49 | 114.6 | 29.50 |
|        | 5                 | 4.1      | 148.5                     | 35.67 | 140.1 | 33.46 | 131.7 | 32.17 | 127.5 | 30.54 | 123.2 | 29.52 | 114.6 | 27.60 |
|        | 7                 | 6        | 148.5                     | 33.19 | 140.1 | 31.07 | 131.7 | 29.93 | 127.5 | 28.42 | 123.2 | 27.53 | 114.6 | 25.71 |
|        | 9                 | 7.9      | 148.5                     | 29.97 | 140.1 | 28.06 | 131.7 | 27.02 | 127.5 | 25.67 | 123.2 | 24.87 | 114.6 | 23.21 |
|        | 11                | 9.8      | 148.5                     | 28.03 | 140.1 | 26.25 | 131.7 | 25.28 | 127.5 | 24.03 | 123.2 | 23.27 | 114.6 | 21.71 |
|        | 13                | 11.8     | 148.5                     | 26.32 | 140.1 | 24.66 | 131.7 | 23.74 | 127.5 | 22.56 | 123.2 | 21.85 | 114.6 | 20.40 |
|        | 15                | 13.7     | 148.5                     | 24.91 | 140.1 | 23.31 | 131.7 | 22.48 | 127.5 | 21.33 | 123.2 | 20.68 | 114.6 | 19.29 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM860LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 107.0                     | 93.40 | 107.0 | 94.02 | 106.2 | 94.57 | 106.2 | 95.38 | 106.2 | 96.23 | 104.3 | 97.52 |
|        | -24.8             | -25      | 178.3                     | 95.47 | 178.3 | 96.11 | 176.9 | 96.66 | 176.9 | 97.49 | 176.9 | 98.32 | 173.9 | 99.59 |
|        | -21.8             | -22      | 217.2                     | 96.67 | 217.2 | 97.32 | 215.8 | 97.87 | 215.8 | 98.72 | 215.8 | 99.53 | 211.5 | 100.8 |
|        | -19.8             | -20      | 229.4                     | 97.50 | 229.4 | 98.12 | 227.7 | 98.68 | 227.7 | 99.54 | 227.7 | 100.3 | 223.5 | 101.6 |
|        | -18.8             | -19      | 234.4                     | 97.88 | 234.4 | 98.54 | 232.8 | 99.08 | 232.8 | 99.93 | 232.8 | 100.7 | 228.4 | 102.0 |
|        | -16.7             | -17      | 244.8                     | 98.75 | 244.8 | 99.37 | 243.1 | 99.93 | 243.1 | 100.8 | 243.1 | 101.6 | 238.7 | 102.9 |
|        | -15               | -15.9    | 252.2                     | 99.34 | 252.2 | 99.99 | 250.6 | 100.5 | 250.6 | 101.4 | 250.6 | 102.2 | 245.8 | 100.9 |
|        | -13.7             | -15      | 259.8                     | 99.96 | 259.8 | 100.6 | 258.1 | 101.1 | 258.1 | 102.0 | 258.1 | 102.8 | 253.1 | 98.96 |
|        | -11.8             | -13      | 268.1                     | 100.7 | 268.1 | 101.3 | 266.5 | 101.9 | 266.5 | 102.8 | 266.5 | 100.2 | 262.3 | 96.49 |
|        | -9.8              | -11      | 277.0                     | 101.5 | 277.0 | 102.2 | 275.3 | 102.7 | 275.3 | 100.0 | 275.3 | 97.44 | 272.0 | 93.91 |
|        | -9.5              | -10      | 278.5                     | 101.7 | 278.5 | 102.3 | 277.0 | 102.3 | 277.0 | 99.57 | 276.7 | 97.04 | 273.4 | 93.50 |
|        | -8.5              | -9.1     | 283.9                     | 102.1 | 283.9 | 102.7 | 282.3 | 100.9 | 282.3 | 98.17 | 281.1 | 95.66 | 278.3 | 92.22 |
|        | -7                | -7.6     | 292.1                     | 102.7 | 292.1 | 100.6 | 290.1 | 98.75 | 290.1 | 96.10 | 290.1 | 93.58 | 285.6 | 90.28 |
|        | -5                | -5.6     | 302.8                     | 100.1 | 302.8 | 97.90 | 300.8 | 95.97 | 300.8 | 93.36 | 300.8 | 90.88 | 295.0 | 87.73 |
|        | -3                | -3.7     | 313.6                     | 97.41 | 313.6 | 95.19 | 311.5 | 93.17 | 311.5 | 90.60 | 311.5 | 88.17 | 304.3 | 85.05 |
|        | 0                 | -0.7     | 329.6                     | 93.50 | 329.6 | 91.14 | 327.4 | 88.99 | 327.4 | 86.51 | 327.4 | 84.13 | 305.7 | 77.79 |
|        | 3                 | 2.2      | 345.9                     | 89.58 | 345.9 | 87.03 | 343.5 | 84.82 | 340.4 | 81.65 | 328.4 | 76.54 | 305.7 | 73.55 |
|        | 5                 | 4.1      | 349.9                     | 85.39 | 349.9 | 82.81 | 348.9 | 80.77 | 340.4 | 76.54 | 328.4 | 73.39 | 305.7 | 71.13 |
|        | 7                 | 6        | 349.9                     | 80.40 | 349.9 | 77.81 | 348.9 | 75.81 | 340.4 | 73.01 | 328.4 | 70.84 | 305.7 | 68.71 |
|        | 9                 | 7.9      | 349.9                     | 77.98 | 349.9 | 75.46 | 348.9 | 73.27 | 340.4 | 71.14 | 328.4 | 69.04 | 305.7 | 66.95 |
| 120    | 11                | 9.8      | 349.9                     | 76.61 | 349.9 | 74.15 | 348.9 | 72.02 | 340.4 | 69.89 | 328.4 | 67.83 | 305.7 | 65.80 |
|        | 13                | 11.8     | 349.9                     | 75.16 | 349.9 | 72.72 | 348.9 | 70.61 | 340.4 | 68.56 | 328.4 | 66.53 | 305.7 | 64.54 |
|        | 15                | 13.7     | 349.9                     | 73.58 | 349.9 | 71.20 | 348.9 | 69.14 | 340.4 | 67.13 | 328.4 | 65.13 | 305.7 | 63.17 |
|        | -30               | -30.2    | 106.2                     | 94.02 | 106.2 | 94.57 | 105.5 | 95.38 | 105.5 | 96.23 | 105.5 | 97.52 | 103.5 | 98.39 |
|        | -24.8             | -25      | 176.9                     | 96.11 | 176.9 | 96.66 | 175.8 | 97.49 | 175.8 | 98.32 | 175.8 | 99.59 | 172.6 | 100.5 |
|        | -21.8             | -22      | 215.8                     | 97.32 | 215.8 | 97.87 | 214.3 | 98.72 | 214.3 | 99.53 | 214.3 | 100.8 | 210.3 | 101.7 |
|        | -19.8             | -20      | 227.6                     | 98.12 | 227.6 | 98.68 | 226.1 | 99.54 | 226.1 | 100.3 | 226.1 | 101.6 | 221.8 | 102.5 |
|        | -18.8             | -19      | 232.5                     | 98.54 | 232.5 | 99.08 | 231.0 | 99.93 | 231.0 | 100.7 | 231.0 | 102.0 | 226.8 | 102.9 |
|        | -16.7             | -17      | 242.9                     | 99.37 | 242.9 | 99.93 | 241.4 | 100.8 | 241.4 | 101.6 | 241.4 | 102.9 | 236.7 | 100.4 |
|        | -15               | -15.9    | 250.4                     | 99.99 | 250.4 | 100.5 | 248.7 | 101.4 | 248.7 | 102.2 | 248.7 | 101.0 | 244.0 | 98.58 |
|        | -13.7             | -15      | 257.7                     | 100.6 | 257.7 | 101.1 | 256.2 | 102.0 | 256.2 | 102.8 | 256.2 | 99.12 | 251.3 | 96.81 |
|        | -11.8             | -13      | 266.3                     | 101.3 | 266.3 | 101.9 | 264.4 | 102.8 | 264.4 | 100.2 | 264.4 | 96.76 | 260.6 | 94.54 |
|        | -9.8              | -11      | 274.8                     | 102.2 | 274.8 | 102.7 | 273.3 | 99.85 | 273.3 | 97.38 | 273.3 | 94.28 | 270.2 | 92.17 |
|        | -9.5              | -10      | 276.7                     | 102.3 | 276.7 | 102.3 | 274.8 | 99.44 | 274.8 | 96.98 | 274.8 | 93.89 | 271.6 | 91.79 |
|        | -8.5              | -9.1     | 281.9                     | 102.7 | 281.9 | 100.7 | 280.1 | 97.98 | 280.1 | 95.59 | 279.9 | 92.68 | 276.3 | 90.61 |
|        | -7                | -7.6     | 289.9                     | 100.4 | 289.9 | 98.43 | 288.1 | 95.83 | 288.1 | 93.51 | 287.7 | 90.82 | 283.4 | 88.81 |
|        | -5                | -5.6     | 300.7                     | 97.42 | 300.7 | 95.41 | 298.8 | 92.95 | 298.8 | 90.77 | 298.8 | 88.36 | 287.1 | 84.65 |
|        | -3                | -3.7     | 311.2                     | 94.44 | 311.2 | 92.44 | 309.4 | 90.10 | 309.4 | 88.06 | 309.0 | 85.87 | 287.1 | 80.01 |
|        | 0                 | -0.7     | 327.3                     | 89.98 | 327.3 | 87.92 | 325.2 | 85.84 | 319.0 | 82.35 | 309.0 | 78.17 | 287.1 | 76.49 |
| 110    | 3                 | 2.2      | 343.3                     | 85.50 | 343.2 | 83.39 | 329.9 | 78.88 | 319.0 | 75.79 | 309.0 | 74.57 | 287.1 | 73.14 |
|        | 5                 | 4.1      | 347.3                     | 81.00 | 343.6 | 78.06 | 329.9 | 74.70 | 319.0 | 73.19 | 309.0 | 72.25 | 287.1 | 70.92 |
|        | 7                 | 6        | 347.3                     | 75.77 | 343.6 | 73.42 | 329.9 | 71.98 | 319.0 | 70.59 | 309.0 | 69.94 | 287.1 | 68.67 |
|        | 9                 | 7.9      | 347.3                     | 73.35 | 343.6 | 71.36 | 329.9 | 69.96 | 319.0 | 68.63 | 309.0 | 67.98 | 287.1 | 66.76 |
|        | 11                | 9.8      | 347.3                     | 71.88 | 343.6 | 69.94 | 329.9 | 68.55 | 319.0 | 67.27 | 309.0 | 66.61 | 287.1 | 65.42 |
|        | 13                | 11.8     | 347.3                     | 70.31 | 343.6 | 68.39 | 329.9 | 67.05 | 319.0 | 65.78 | 309.0 | 65.15 | 287.1 | 64.01 |
|        | 15                | 13.7     | 347.3                     | 68.64 | 343.6 | 66.75 | 329.9 | 65.45 | 319.0 | 64.19 | 309.0 | 63.56 | 287.1 | 62.46 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 105.8                     | 94.57 | 105.8 | 95.38 | 105.0 | 96.23 | 105.0 | 97.52 | 105.0 | 98.39 | 102.9 | 98.82 |
|        | -24.8             | -25      | 176.1                     | 96.66 | 176.1 | 97.49 | 175.0 | 98.32 | 175.0 | 99.59 | 175.0 | 100.5 | 171.4 | 100.9 |
|        | -21.8             | -22      | 214.6                     | 97.87 | 214.6 | 98.72 | 212.9 | 99.53 | 212.9 | 100.8 | 212.9 | 101.7 | 209.2 | 102.1 |
|        | -19.8             | -20      | 226.5                     | 98.68 | 226.5 | 99.54 | 225.0 | 100.3 | 225.0 | 101.6 | 225.0 | 102.5 | 220.6 | 102.9 |
|        | -18.8             | -19      | 231.3                     | 99.08 | 231.3 | 99.93 | 229.9 | 100.7 | 229.9 | 102.0 | 229.9 | 102.9 | 225.5 | 101.6 |
|        | -16.7             | -17      | 241.7                     | 99.93 | 241.7 | 100.8 | 240.1 | 101.6 | 240.1 | 102.9 | 240.1 | 100.2 | 235.5 | 98.79 |
|        | -15               | -15.9    | 248.9                     | 100.5 | 248.9 | 101.4 | 247.4 | 102.2 | 247.4 | 100.8 | 247.4 | 98.25 | 245.0 | 96.80 |
|        | -13.7             | -15      | 256.2                     | 101.1 | 256.2 | 102.0 | 254.7 | 102.8 | 254.7 | 98.75 | 254.7 | 96.30 | 254.7 | 94.82 |
|        | -11.8             | -13      | 264.5                     | 101.9 | 264.5 | 102.8 | 263.0 | 99.90 | 263.0 | 96.14 | 263.0 | 93.83 | 258.4 | 90.64 |
|        | -9.8              | -11      | 273.4                     | 102.7 | 273.4 | 99.51 | 271.9 | 96.86 | 271.9 | 93.41 | 271.9 | 91.26 | 258.4 | 85.76 |
|        | -9.5              | -10      | 274.8                     | 102.2 | 274.8 | 99.01 | 273.4 | 96.39 | 273.4 | 93.00 | 273.4 | 90.87 | 258.4 | 84.70 |
|        | -8.5              | -9.1     | 280.3                     | 100.4 | 280.3 | 97.38 | 278.8 | 94.87 | 278.8 | 91.63 | 276.7 | 88.87 | 258.4 | 83.43 |
|        | -7                | -7.6     | 288.5                     | 97.79 | 288.5 | 94.93 | 286.7 | 92.59 | 286.4 | 89.54 | 276.7 | 84.62 | 258.4 | 81.56 |
|        | -5                | -5.6     | 298.9                     | 94.34 | 298.9 | 91.70 | 296.1 | 89.33 | 286.4 | 83.83 | 276.7 | 80.76 | 258.4 | 79.07 |
|        | -3                | -3.7     | 309.6                     | 90.86 | 309.6 | 88.49 | 296.1 | 83.31 | 286.4 | 79.88 | 276.7 | 78.31 | 258.4 | 76.59 |
|        | 0                 | -0.7     | 325.4                     | 85.66 | 315.7 | 81.17 | 296.1 | 77.92 | 286.4 | 76.06 | 276.7 | 74.71 | 258.4 | 72.88 |
|        | 3                 | 2.2      | 334.0                     | 78.73 | 315.7 | 74.82 | 296.1 | 73.62 | 286.4 | 72.23 | 276.7 | 71.08 | 258.4 | 69.14 |
|        | 5                 | 4.1      | 334.0                     | 73.05 | 315.7 | 71.76 | 296.1 | 70.80 | 286.4 | 69.66 | 276.7 | 68.65 | 258.4 | 66.66 |
|        | 7                 | 6        | 334.0                     | 69.74 | 315.7 | 68.69 | 296.1 | 67.94 | 286.4 | 67.10 | 276.7 | 66.26 | 258.4 | 64.19 |
|        | 9                 | 7.9      | 334.0                     | 67.49 | 315.7 | 66.48 | 296.1 | 65.73 | 286.4 | 64.93 | 276.7 | 64.09 | 258.4 | 62.11 |
|        | 11                | 9.8      | 334.0                     | 65.84 | 315.7 | 64.84 | 296.1 | 64.10 | 286.4 | 63.31 | 276.7 | 62.48 | 258.4 | 60.57 |
|        | 13                | 11.8     | 334.0                     | 64.03 | 315.7 | 63.07 | 296.1 | 62.35 | 286.4 | 61.60 | 276.7 | 60.80 | 258.4 | 58.93 |
|        | 15                | 13.7     | 334.0                     | 62.11 | 315.7 | 61.18 | 296.1 | 60.49 | 286.4 | 59.75 | 276.7 | 58.99 | 258.4 | 57.16 |
| 100    | -30               | -30.2    | 105.0                     | 106.6 | 105.0 | 106.3 | 104.6 | 93.16 | 104.6 | 105.4 | 104.6 | 103.0 | 102.5 | 104.9 |
|        | -24.8             | -25      | 175.3                     | 105.6 | 175.3 | 105.3 | 174.3 | 98.44 | 174.3 | 104.4 | 174.3 | 104.1 | 170.6 | 103.9 |
|        | -21.8             | -22      | 213.3                     | 105.0 | 213.3 | 104.7 | 212.1 | 101.5 | 212.1 | 103.9 | 212.1 | 104.7 | 208.0 | 103.3 |
|        | -19.8             | -20      | 225.4                     | 104.7 | 225.4 | 104.3 | 224.1 | 103.4 | 224.1 | 103.5 | 224.1 | 103.5 | 219.9 | 102.9 |
|        | -18.8             | -19      | 230.3                     | 104.5 | 229.1 | 104.1 | 229.1 | 103.8 | 229.1 | 103.2 | 229.1 | 102.9 | 224.5 | 101.3 |
|        | -16.7             | -17      | 239.1                     | 104.1 | 239.1 | 103.7 | 239.1 | 104.6 | 237.8 | 102.9 | 237.8 | 99.54 | 233.4 | 97.89 |
|        | -15               | -15.9    | 247.2                     | 103.8 | 247.2 | 103.4 | 246.2 | 103.7 | 245.8 | 100.4 | 245.8 | 97.14 | 236.1 | 93.48 |
|        | -13.7             | -15      | 255.1                     | 103.5 | 255.1 | 103.1 | 253.5 | 102.8 | 253.5 | 97.99 | 253.5 | 94.69 | 236.1 | 88.23 |
|        | -11.8             | -13      | 263.3                     | 103.1 | 261.9 | 102.8 | 261.9 | 99.55 | 261.9 | 94.91 | 253.5 | 88.74 | 236.1 | 85.31 |
|        | -9.8              | -11      | 272.0                     | 102.7 | 272.0 | 99.14 | 270.9 | 96.14 | 262.1 | 88.75 | 253.5 | 84.00 | 236.1 | 82.23 |
|        | -9.5              | -10      | 273.4                     | 102.1 | 273.4 | 98.57 | 270.9 | 95.10 | 262.1 | 87.80 | 253.5 | 83.55 | 236.1 | 81.75 |
|        | -8.5              | -9.1     | 278.9                     | 100.3 | 278.9 | 96.76 | 270.9 | 91.60 | 262.1 | 85.01 | 253.5 | 82.03 | 236.1 | 80.21 |
|        | -7                | -7.6     | 291.6                     | 97.40 | 288.1 | 93.33 | 270.9 | 86.67 | 262.1 | 82.73 | 253.5 | 79.77 | 236.1 | 77.90 |
|        | -5                | -5.6     | 304.4                     | 93.65 | 288.1 | 86.54 | 270.9 | 83.49 | 262.1 | 79.67 | 253.5 | 76.78 | 236.1 | 74.86 |
|        | -3                | -3.7     | 305.5                     | 87.76 | 288.1 | 82.44 | 270.9 | 80.29 | 262.1 | 76.64 | 253.5 | 73.79 | 236.1 | 71.81 |
|        | 0                 | -0.7     | 305.5                     | 79.98 | 288.1 | 77.32 | 270.9 | 75.48 | 262.1 | 72.09 | 253.5 | 69.28 | 236.1 | 67.24 |
|        | 3                 | 2.2      | 305.5                     | 74.64 | 288.1 | 72.21 | 270.9 | 70.68 | 262.1 | 67.55 | 253.5 | 64.82 | 236.1 | 62.66 |
|        | 5                 | 4.1      | 305.5                     | 71.09 | 288.1 | 68.81 | 270.9 | 67.47 | 262.1 | 64.53 | 253.5 | 61.82 | 236.1 | 59.63 |
|        | 7                 | 6        | 305.5                     | 67.53 | 288.1 | 65.39 | 270.9 | 64.29 | 262.1 | 61.49 | 253.5 | 58.84 | 236.1 | 56.58 |
|        | 9                 | 7.9      | 305.5                     | 64.89 | 288.1 | 62.87 | 270.9 | 61.77 | 262.1 | 59.09 | 253.5 | 56.56 | 236.1 | 54.37 |
|        | 11                | 9.8      | 305.5                     | 62.83 | 288.1 | 60.86 | 270.9 | 59.80 | 262.1 | 57.19 | 253.5 | 54.72 | 236.1 | 52.63 |
|        | 13                | 11.8     | 305.5                     | 60.64 | 288.1 | 58.70 | 270.9 | 57.69 | 262.1 | 55.19 | 253.5 | 52.81 | 236.1 | 50.78 |
|        | 15                | 13.7     | 305.5                     | 58.28 | 288.1 | 56.45 | 270.9 | 55.47 | 262.1 | 53.06 | 253.5 | 50.77 | 236.1 | 48.82 |
| 90     | -30               | -30.2    | 104.8                     | 92.77 | 104.8 | 93.97 | 104.1 | 94.92 | 104.1 | 95.28 | 104.1 | 96.18 | 102.1 | 107.0 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 174.7                     | 94.85 | 174.7 | 96.11 | 173.6 | 97.01 | 173.6 | 97.42 | 173.6 | 98.27 | 170.2 | 99.57 |
|        | -21.8             | -22      | 212.5                     | 96.04 | 212.5 | 97.33 | 211.3 | 98.22 | 211.3 | 98.64 | 211.3 | 99.50 | 207.2 | 95.26 |
|        | -19.8             | -20      | 224.6                     | 96.86 | 224.6 | 98.14 | 223.1 | 99.04 | 223.1 | 99.46 | 223.1 | 96.55 | 215.8 | 91.13 |
|        | -18.8             | -19      | 230.3                     | 97.28 | 229.1 | 98.55 | 227.9 | 99.43 | 227.9 | 97.95 | 227.9 | 95.08 | 215.8 | 87.83 |
|        | -16.7             | -17      | 239.1                     | 98.13 | 239.1 | 99.40 | 238.1 | 96.31 | 238.1 | 94.77 | 232.6 | 89.87 | 215.8 | 83.46 |
|        | -15               | -15.9    | 247.2                     | 98.73 | 247.2 | 97.09 | 245.4 | 94.10 | 240.2 | 90.56 | 232.6 | 86.45 | 215.8 | 81.41 |
|        | -13.7             | -15      | 255.1                     | 99.34 | 255.1 | 94.75 | 247.9 | 90.07 | 240.2 | 85.80 | 232.6 | 83.14 | 215.8 | 79.39 |
|        | -11.8             | -13      | 263.3                     | 96.17 | 261.9 | 91.84 | 247.9 | 84.59 | 240.2 | 82.94 | 232.6 | 80.52 | 215.8 | 76.79 |
|        | -9.8              | -11      | 272.0                     | 92.85 | 263.1 | 85.87 | 247.9 | 81.68 | 240.2 | 80.06 | 232.6 | 77.74 | 215.8 | 74.09 |
|        | -9.5              | -10      | 273.4                     | 92.33 | 263.1 | 84.96 | 247.9 | 81.26 | 240.2 | 79.64 | 232.6 | 77.31 | 215.8 | 73.68 |
|        | -8.5              | -9.1     | 278.9                     | 90.69 | 263.1 | 82.44 | 247.9 | 79.85 | 240.2 | 78.22 | 232.6 | 75.94 | 215.8 | 72.32 |
|        | -7                | -7.6     | 279.7                     | 84.58 | 263.1 | 80.13 | 247.9 | 77.75 | 240.2 | 76.08 | 232.6 | 73.86 | 215.8 | 70.28 |
|        | -5                | -5.6     | 279.7                     | 80.55 | 263.1 | 77.26 | 247.9 | 74.98 | 240.2 | 73.26 | 232.6 | 71.12 | 215.8 | 67.62 |
|        | -3                | -3.7     | 279.7                     | 77.44 | 263.1 | 74.38 | 247.9 | 72.21 | 240.2 | 70.43 | 232.6 | 68.36 | 215.8 | 64.94 |
|        | 0                 | -0.7     | 279.7                     | 72.76 | 263.1 | 70.03 | 247.9 | 68.04 | 240.2 | 66.20 | 232.6 | 64.25 | 215.8 | 60.92 |
|        | 3                 | 2.2      | 279.7                     | 68.08 | 263.1 | 65.69 | 247.9 | 63.87 | 240.2 | 61.98 | 232.6 | 60.14 | 215.8 | 56.89 |
|        | 5                 | 4.1      | 279.7                     | 64.96 | 263.1 | 62.81 | 247.9 | 61.10 | 240.2 | 59.16 | 232.6 | 57.38 | 215.8 | 54.20 |
|        | 7                 | 6        | 279.7                     | 61.83 | 263.1 | 59.93 | 247.9 | 58.32 | 240.2 | 56.34 | 232.6 | 54.67 | 215.8 | 51.54 |
|        | 9                 | 7.9      | 279.7                     | 58.89 | 263.1 | 57.07 | 247.9 | 55.54 | 240.2 | 53.65 | 232.6 | 52.04 | 215.8 | 49.09 |
|        | 11                | 9.8      | 279.7                     | 55.95 | 263.1 | 54.22 | 247.9 | 52.76 | 240.2 | 50.96 | 232.6 | 49.45 | 215.8 | 46.62 |
|        | 13                | 11.8     | 279.7                     | 53.01 | 263.1 | 51.36 | 247.9 | 50.01 | 240.2 | 48.28 | 232.6 | 46.85 | 215.8 | 44.17 |
|        | 15                | 13.7     | 279.7                     | 50.07 | 263.1 | 48.53 | 247.9 | 47.21 | 240.2 | 45.60 | 232.6 | 44.24 | 215.8 | 41.73 |
| 80     | -30               | -30.2    | 104.3                     | 81.57 | 104.3 | 82.90 | 103.6 | 83.83 | 103.6 | 82.74 | 103.6 | 95.05 | 101.7 | 91.07 |
|        | -24.8             | -25      | 173.9                     | 83.72 | 173.9 | 85.01 | 172.7 | 85.92 | 172.7 | 86.34 | 172.7 | 88.46 | 169.4 | 84.72 |
|        | -21.8             | -22      | 210.4                     | 84.96 | 210.4 | 86.22 | 210.4 | 87.13 | 210.2 | 88.33 | 207.4 | 83.53 | 192.9 | 76.93 |
|        | -19.8             | -20      | 222.1                     | 85.77 | 222.1 | 87.05 | 221.4 | 88.10 | 215.0 | 82.99 | 207.4 | 77.93 | 192.9 | 74.59 |
|        | -18.8             | -19      | 227.1                     | 86.18 | 227.1 | 88.35 | 221.6 | 84.96 | 215.0 | 80.17 | 207.4 | 76.73 | 192.9 | 73.48 |
|        | -16.7             | -17      | 233.7                     | 88.31 | 233.7 | 85.52 | 221.6 | 79.87 | 215.0 | 77.42 | 207.4 | 74.23 | 192.9 | 71.07 |
|        | -15               | -15.9    | 239.0                     | 86.23 | 236.1 | 83.37 | 221.6 | 77.94 | 215.0 | 75.52 | 207.4 | 72.43 | 192.9 | 69.32 |
|        | -13.7             | -15      | 244.3                     | 84.15 | 236.1 | 80.36 | 221.6 | 76.02 | 215.0 | 73.61 | 207.4 | 70.63 | 192.9 | 67.59 |
|        | -11.8             | -13      | 250.3                     | 81.38 | 236.1 | 76.64 | 221.6 | 73.58 | 215.0 | 71.22 | 207.4 | 68.36 | 192.9 | 65.41 |
|        | -9.8              | -11      | 250.5                     | 76.66 | 236.1 | 73.09 | 221.6 | 71.03 | 215.0 | 68.68 | 207.4 | 65.94 | 192.9 | 63.09 |
|        | -9.5              | -10      | 250.5                     | 75.71 | 236.1 | 72.25 | 221.6 | 70.64 | 215.0 | 68.31 | 207.4 | 65.59 | 192.9 | 62.77 |
|        | -8.5              | -9.1     | 250.5                     | 73.68 | 236.1 | 70.72 | 221.6 | 69.36 | 215.0 | 67.05 | 207.4 | 64.43 | 192.9 | 61.63 |
|        | -7                | -7.6     | 250.5                     | 71.01 | 236.1 | 68.81 | 221.6 | 67.44 | 215.0 | 65.14 | 207.4 | 62.64 | 192.9 | 59.90 |
|        | -5                | -5.6     | 250.5                     | 68.40 | 236.1 | 66.31 | 221.6 | 64.90 | 215.0 | 62.66 | 207.4 | 60.25 | 192.9 | 57.63 |
|        | -3                | -3.7     | 250.5                     | 65.80 | 236.1 | 63.78 | 221.6 | 62.37 | 215.0 | 60.16 | 207.4 | 57.90 | 192.9 | 55.34 |
|        | 0                 | -0.7     | 250.5                     | 61.87 | 236.1 | 60.04 | 221.6 | 58.60 | 215.0 | 56.41 | 207.4 | 54.35 | 192.9 | 51.96 |
|        | 3                 | 2.2      | 250.5                     | 57.97 | 236.1 | 56.26 | 221.6 | 54.78 | 215.0 | 52.64 | 207.4 | 50.82 | 192.9 | 48.55 |
|        | 5                 | 4.1      | 250.5                     | 55.37 | 236.1 | 53.75 | 221.6 | 52.26 | 215.0 | 50.14 | 207.4 | 48.45 | 192.9 | 46.28 |
|        | 7                 | 6        | 250.5                     | 52.76 | 236.1 | 51.22 | 221.6 | 49.72 | 215.0 | 47.67 | 207.4 | 46.08 | 192.9 | 44.00 |
|        | 9                 | 7.9      | 250.5                     | 49.55 | 236.1 | 48.11 | 221.6 | 46.69 | 215.0 | 44.74 | 207.4 | 43.27 | 192.9 | 41.33 |
|        | 11                | 9.8      | 250.5                     | 45.98 | 236.1 | 44.64 | 221.6 | 43.34 | 215.0 | 41.52 | 207.4 | 40.16 | 192.9 | 38.35 |
|        | 13                | 11.8     | 250.5                     | 42.92 | 236.1 | 41.67 | 221.6 | 40.46 | 215.0 | 38.77 | 207.4 | 37.49 | 192.9 | 35.80 |
|        | 15                | 13.7     | 250.5                     | 40.40 | 236.1 | 39.22 | 221.6 | 38.06 | 215.0 | 36.48 | 207.4 | 35.28 | 192.9 | 33.70 |
| 70     | -30               | -30.2    | 104.3                     | 81.84 | 104.3 | 82.28 | 103.6 | 83.14 | 103.6 | 93.76 | 103.6 | 89.22 | 101.1 | 85.13 |
|        | -24.8             | -25      | 173.9                     | 84.00 | 173.9 | 84.42 | 172.7 | 85.28 | 172.7 | 86.57 | 171.7 | 82.06 | 165.1 | 77.16 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 200.1                     | 85.23 | 200.1 | 85.65 | 188.8 | 82.10 | 182.4 | 78.22 | 176.7 | 74.57 | 165.1 | 71.06 |
|        | -19.8             | -20      | 212.3                     | 83.85 | 200.5 | 82.06 | 188.8 | 79.32 | 182.4 | 75.59 | 176.7 | 72.12 | 165.1 | 68.68 |
|        | -18.8             | -19      | 212.5                     | 82.52 | 200.5 | 80.66 | 188.8 | 77.96 | 182.4 | 74.28 | 176.7 | 70.88 | 165.1 | 67.50 |
|        | -16.7             | -17      | 212.5                     | 79.09 | 200.5 | 77.64 | 188.8 | 75.07 | 182.4 | 71.51 | 176.7 | 68.33 | 165.1 | 65.00 |
|        | -15               | -15.9    | 212.5                     | 76.99 | 200.5 | 75.52 | 188.8 | 72.99 | 182.4 | 69.55 | 176.7 | 66.49 | 165.1 | 63.24 |
|        | -13.7             | -15      | 212.5                     | 74.87 | 200.5 | 73.38 | 188.8 | 70.93 | 182.4 | 67.61 | 176.7 | 64.64 | 165.1 | 61.45 |
|        | -11.8             | -13      | 212.5                     | 72.19 | 200.5 | 70.69 | 188.8 | 68.32 | 182.4 | 65.10 | 176.7 | 62.32 | 165.1 | 59.22 |
|        | -9.8              | -11      | 212.5                     | 69.40 | 200.5 | 67.83 | 188.8 | 65.59 | 182.4 | 62.51 | 176.7 | 59.89 | 165.1 | 56.85 |
|        | -9.5              | -10      | 212.5                     | 68.97 | 200.5 | 67.39 | 188.8 | 65.17 | 182.4 | 62.10 | 176.7 | 59.52 | 165.1 | 56.50 |
|        | -8.5              | -9.1     | 212.5                     | 67.58 | 200.5 | 66.00 | 188.8 | 63.80 | 182.4 | 60.80 | 176.7 | 58.28 | 165.1 | 55.31 |
|        | -7                | -7.6     | 212.5                     | 65.46 | 200.5 | 63.86 | 188.8 | 61.75 | 182.4 | 58.86 | 176.7 | 56.46 | 165.1 | 53.54 |
|        | -5                | -5.6     | 212.5                     | 62.69 | 200.5 | 61.06 | 188.8 | 59.01 | 182.4 | 56.27 | 176.7 | 54.04 | 165.1 | 51.21 |
|        | -3                | -3.7     | 212.5                     | 59.92 | 200.5 | 58.24 | 188.8 | 56.29 | 182.4 | 53.68 | 176.7 | 51.62 | 165.1 | 48.87 |
|        | 0                 | -0.7     | 212.5                     | 55.75 | 200.5 | 54.02 | 188.8 | 52.23 | 182.4 | 49.81 | 176.7 | 48.00 | 165.1 | 45.37 |
|        | 3                 | 2.2      | 212.5                     | 51.59 | 200.5 | 49.82 | 188.8 | 48.14 | 182.4 | 45.94 | 176.7 | 44.38 | 165.1 | 41.86 |
|        | 5                 | 4.1      | 212.5                     | 48.81 | 200.5 | 47.00 | 188.8 | 45.45 | 182.4 | 43.38 | 176.7 | 41.96 | 165.1 | 39.52 |
|        | 7                 | 6        | 212.5                     | 46.04 | 200.5 | 44.19 | 188.8 | 42.70 | 182.4 | 40.79 | 176.7 | 39.55 | 165.1 | 37.18 |
|        | 9                 | 7.9      | 212.5                     | 41.59 | 200.5 | 39.90 | 188.8 | 38.57 | 182.4 | 36.83 | 176.7 | 35.73 | 165.1 | 33.57 |
|        | 11                | 9.8      | 212.5                     | 38.72 | 200.5 | 37.14 | 188.8 | 35.91 | 182.4 | 34.29 | 176.7 | 33.26 | 165.1 | 31.25 |
|        | 13                | 11.8     | 212.5                     | 36.22 | 200.5 | 34.76 | 188.8 | 33.60 | 182.4 | 32.08 | 176.7 | 31.12 | 165.1 | 29.27 |
|        | 15                | 13.7     | 212.5                     | 34.17 | 200.5 | 32.76 | 188.8 | 31.69 | 182.4 | 30.23 | 176.7 | 29.34 | 165.1 | 27.57 |
| 60     | -30               | -30.2    | 102.6                     | 81.07 | 102.6 | 81.93 | 101.8 | 93.17 | 98.90 | 88.21 | 95.40 | 83.65 | 89.50 | 79.54 |
|        | -24.8             | -25      | 170.8                     | 83.23 | 170.8 | 84.09 | 161.9 | 81.47 | 156.3 | 76.84 | 150.9 | 72.92 | 141.5 | 69.24 |
|        | -21.8             | -22      | 182.4                     | 83.91 | 172.4 | 80.98 | 161.9 | 76.78 | 156.3 | 72.87 | 150.9 | 69.19 | 141.5 | 65.62 |
|        | -19.8             | -20      | 182.4                     | 80.94 | 172.4 | 77.99 | 161.9 | 73.96 | 156.3 | 70.22 | 150.9 | 66.70 | 141.5 | 63.22 |
|        | -18.8             | -19      | 182.4                     | 79.43 | 172.4 | 76.49 | 161.9 | 72.57 | 156.3 | 68.91 | 150.9 | 65.45 | 141.5 | 62.01 |
|        | -16.7             | -17      | 182.4                     | 76.26 | 172.4 | 73.36 | 161.9 | 69.60 | 156.3 | 66.13 | 150.9 | 62.85 | 141.5 | 59.49 |
|        | -15               | -15.9    | 182.4                     | 74.01 | 172.4 | 71.13 | 161.9 | 67.49 | 156.3 | 64.16 | 150.9 | 60.98 | 141.5 | 57.71 |
|        | -13.7             | -15      | 182.4                     | 71.76 | 172.4 | 68.91 | 161.9 | 65.40 | 156.3 | 62.18 | 150.9 | 59.14 | 141.5 | 55.91 |
|        | -11.8             | -13      | 182.4                     | 68.90 | 172.4 | 66.07 | 161.9 | 62.71 | 156.3 | 59.66 | 150.9 | 56.79 | 141.5 | 53.64 |
|        | -9.8              | -11      | 182.4                     | 65.91 | 172.4 | 63.09 | 161.9 | 59.91 | 156.3 | 57.05 | 150.9 | 54.30 | 141.5 | 51.25 |
|        | -9.5              | -10      | 182.4                     | 65.46 | 172.4 | 62.65 | 161.9 | 59.50 | 156.3 | 56.64 | 150.9 | 53.92 | 141.5 | 50.88 |
|        | -8.5              | -9.1     | 182.4                     | 63.97 | 172.4 | 61.17 | 161.9 | 58.11 | 156.3 | 55.34 | 150.9 | 52.69 | 141.5 | 49.68 |
|        | -7                | -7.6     | 182.4                     | 61.73 | 172.4 | 58.96 | 161.9 | 56.00 | 156.3 | 53.37 | 150.9 | 50.85 | 141.5 | 47.89 |
|        | -5                | -5.6     | 182.4                     | 58.73 | 172.4 | 55.99 | 161.9 | 53.22 | 156.3 | 50.77 | 150.9 | 48.40 | 141.5 | 45.54 |
|        | -3                | -3.7     | 182.4                     | 55.79 | 172.4 | 53.05 | 161.9 | 50.43 | 156.3 | 48.15 | 150.9 | 45.94 | 141.5 | 43.16 |
|        | 0                 | -0.7     | 182.4                     | 51.31 | 172.4 | 48.64 | 161.9 | 46.28 | 156.3 | 44.24 | 150.9 | 42.25 | 141.5 | 39.61 |
|        | 3                 | 2.2      | 182.4                     | 46.85 | 172.4 | 44.22 | 161.9 | 42.10 | 156.3 | 40.34 | 150.9 | 38.59 | 141.5 | 36.05 |
|        | 5                 | 4.1      | 182.4                     | 43.90 | 172.4 | 41.28 | 161.9 | 39.34 | 156.3 | 37.74 | 150.9 | 36.15 | 141.5 | 33.69 |
|        | 7                 | 6        | 182.4                     | 40.92 | 172.4 | 38.32 | 161.9 | 36.57 | 156.3 | 35.10 | 150.9 | 33.69 | 141.5 | 31.32 |
|        | 9                 | 7.9      | 182.4                     | 36.53 | 172.4 | 34.22 | 161.9 | 32.59 | 156.3 | 31.34 | 150.9 | 30.05 | 141.5 | 27.94 |
|        | 11                | 9.8      | 182.4                     | 34.07 | 172.4 | 31.95 | 161.9 | 30.44 | 156.3 | 29.26 | 150.9 | 28.07 | 141.5 | 26.10 |
|        | 13                | 11.8     | 182.4                     | 31.95 | 172.4 | 29.90 | 161.9 | 28.54 | 156.3 | 27.41 | 150.9 | 26.30 | 141.5 | 24.46 |
|        | 15                | 13.7     | 182.4                     | 30.17 | 172.4 | 28.27 | 161.9 | 26.95 | 156.3 | 25.89 | 150.9 | 24.84 | 141.5 | 23.12 |
| 50     | -30               | -30.2    | 96.10                     | 70.44 | 90.70 | 80.69 | 85.20 | 76.38 | 82.50 | 72.41 | 79.80 | 68.51 | 74.30 | 65.14 |
|        | -24.8             | -25      | 152.0                     | 68.89 | 143.4 | 70.10 | 134.8 | 66.42 | 130.5 | 62.98 | 126.1 | 59.73 | 117.3 | 56.69 |
|        | -21.8             | -22      | 152.0                     | 70.07 | 143.4 | 66.40 | 134.8 | 62.94 | 130.5 | 59.68 | 126.1 | 56.65 | 117.3 | 53.74 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 152.0                     | 67.47 | 143.4 | 63.90 | 134.8 | 60.62 | 130.5 | 57.47 | 126.1 | 54.61 | 117.3 | 51.74 |
|        | -18.8             | -19      | 152.0                     | 66.16 | 143.4 | 62.65 | 134.8 | 59.47 | 130.5 | 56.41 | 126.1 | 53.58 | 117.3 | 50.79 |
|        | -16.7             | -17      | 152.0                     | 63.46 | 143.4 | 60.07 | 134.8 | 57.05 | 130.5 | 54.10 | 126.1 | 51.45 | 117.3 | 48.71 |
|        | -15               | -15.9    | 152.0                     | 61.52 | 143.4 | 58.19 | 134.8 | 55.30 | 130.5 | 52.45 | 126.1 | 49.92 | 117.3 | 47.24 |
|        | -13.7             | -15      | 152.0                     | 59.58 | 143.4 | 56.35 | 134.8 | 53.57 | 130.5 | 50.82 | 126.1 | 48.38 | 117.3 | 45.77 |
|        | -11.8             | -13      | 152.0                     | 57.15 | 143.4 | 54.02 | 134.8 | 51.37 | 130.5 | 48.73 | 126.1 | 46.45 | 117.3 | 43.92 |
|        | -9.8              | -11      | 152.0                     | 54.57 | 143.4 | 51.54 | 134.8 | 49.06 | 130.5 | 46.53 | 126.1 | 44.40 | 117.3 | 41.93 |
|        | -9.5              | -10      | 152.0                     | 54.17 | 143.4 | 51.19 | 134.8 | 48.71 | 130.5 | 46.22 | 126.1 | 44.11 | 117.3 | 41.65 |
|        | -8.5              | -9.1     | 152.0                     | 52.88 | 143.4 | 49.95 | 134.8 | 47.56 | 130.5 | 45.13 | 126.1 | 43.09 | 117.3 | 40.66 |
|        | -7                | -7.6     | 152.0                     | 50.96 | 143.4 | 48.10 | 134.8 | 45.84 | 130.5 | 43.49 | 126.1 | 41.57 | 117.3 | 39.21 |
|        | -5                | -5.6     | 152.0                     | 48.39 | 143.4 | 45.66 | 134.8 | 43.56 | 130.5 | 41.34 | 126.1 | 39.55 | 117.3 | 37.26 |
|        | -3                | -3.7     | 152.0                     | 45.85 | 143.4 | 43.21 | 134.8 | 41.25 | 130.5 | 39.16 | 126.1 | 37.54 | 117.3 | 35.33 |
|        | 0                 | -0.7     | 152.0                     | 42.03 | 143.4 | 39.51 | 134.8 | 37.83 | 130.5 | 35.91 | 126.1 | 34.52 | 117.3 | 32.41 |
|        | 3                 | 2.2      | 152.0                     | 38.18 | 143.4 | 35.87 | 134.8 | 34.42 | 130.5 | 32.65 | 126.1 | 31.50 | 117.3 | 29.50 |
|        | 5                 | 4.1      | 152.0                     | 35.63 | 143.4 | 33.42 | 134.8 | 32.13 | 130.5 | 30.50 | 126.1 | 29.48 | 117.3 | 27.56 |
|        | 7                 | 6        | 152.0                     | 33.08 | 143.4 | 30.98 | 134.8 | 29.85 | 130.5 | 28.33 | 126.1 | 27.44 | 117.3 | 25.63 |
|        | 9                 | 7.9      | 152.0                     | 29.88 | 143.4 | 27.96 | 134.8 | 26.95 | 130.5 | 25.60 | 126.1 | 24.79 | 117.3 | 23.14 |
|        | 11                | 9.8      | 152.0                     | 27.94 | 143.4 | 26.16 | 134.8 | 25.20 | 130.5 | 23.95 | 126.1 | 23.20 | 117.3 | 21.64 |
|        | 13                | 11.8     | 152.0                     | 26.24 | 143.4 | 24.58 | 134.8 | 23.66 | 130.5 | 22.49 | 126.1 | 21.78 | 117.3 | 20.34 |
|        | 15                | 13.7     | 152.0                     | 24.83 | 143.4 | 23.24 | 134.8 | 22.41 | 130.5 | 21.27 | 126.1 | 20.62 | 117.3 | 19.23 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM880LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 108.4                     | 97.28 | 108.4 | 97.86 | 107.6 | 98.38 | 107.6 | 99.12 | 107.6 | 99.92 | 105.6 | 101.1 |
|        | -24.8             | -25      | 180.6                     | 99.18 | 180.6 | 99.78 | 179.2 | 100.3 | 179.2 | 101.1 | 179.2 | 101.8 | 176.2 | 103.0 |
|        | -21.8             | -22      | 221.2                     | 100.3 | 221.2 | 100.9 | 219.8 | 101.4 | 219.8 | 102.2 | 219.8 | 102.9 | 215.4 | 104.1 |
|        | -19.8             | -20      | 234.2                     | 101.0 | 234.2 | 101.6 | 232.4 | 102.1 | 232.4 | 102.9 | 232.4 | 103.7 | 228.2 | 104.8 |
|        | -18.8             | -19      | 239.4                     | 101.4 | 239.4 | 102.0 | 237.8 | 102.5 | 237.8 | 103.3 | 237.8 | 104.0 | 233.2 | 105.2 |
|        | -16.7             | -17      | 250.2                     | 102.2 | 250.2 | 102.8 | 248.6 | 103.3 | 248.6 | 104.1 | 248.6 | 104.8 | 244.0 | 106.0 |
|        | -15               | -15.9    | 257.8                     | 102.7 | 257.8 | 103.3 | 256.4 | 103.8 | 256.4 | 104.6 | 256.4 | 105.4 | 251.4 | 104.0 |
|        | -13.7             | -15      | 265.8                     | 103.3 | 265.8 | 103.9 | 264.2 | 104.4 | 264.2 | 105.2 | 264.2 | 105.9 | 259.0 | 102.1 |
|        | -11.8             | -13      | 274.4                     | 104.0 | 274.4 | 104.6 | 272.6 | 105.1 | 272.6 | 105.9 | 272.6 | 103.3 | 268.6 | 99.58 |
|        | -9.8              | -11      | 283.4                     | 104.7 | 283.4 | 105.3 | 281.8 | 105.8 | 281.8 | 103.1 | 281.8 | 100.5 | 278.6 | 96.98 |
|        | -9.5              | -10      | 285.0                     | 104.9 | 285.0 | 105.4 | 283.4 | 105.4 | 283.4 | 102.7 | 283.2 | 100.1 | 280.0 | 96.58 |
|        | -8.5              | -9.1     | 290.6                     | 105.2 | 290.6 | 105.8 | 288.8 | 104.0 | 288.8 | 101.3 | 287.6 | 98.76 | 285.2 | 95.28 |
|        | -7                | -7.6     | 299.0                     | 105.8 | 299.0 | 103.8 | 296.8 | 101.9 | 296.8 | 99.22 | 296.8 | 96.68 | 292.8 | 93.34 |
|        | -5                | -5.6     | 309.8                     | 103.2 | 309.8 | 101.1 | 307.8 | 99.12 | 307.8 | 96.50 | 307.8 | 93.98 | 302.6 | 90.78 |
|        | -3                | -3.7     | 320.8                     | 100.6 | 320.8 | 98.38 | 318.8 | 96.34 | 318.8 | 93.74 | 318.8 | 91.26 | 312.2 | 88.08 |
|        | 0                 | -0.7     | 337.2                     | 96.80 | 337.2 | 94.40 | 335.0 | 92.18 | 335.0 | 89.66 | 335.0 | 87.22 | 312.8 | 80.44 |
|        | 3                 | 2.2      | 353.8                     | 92.96 | 353.8 | 90.34 | 351.4 | 88.06 | 348.4 | 84.82 | 336.0 | 79.52 | 312.8 | 76.42 |
|        | 5                 | 4.1      | 358.0                     | 88.78 | 358.0 | 86.10 | 357.0 | 84.00 | 348.4 | 79.64 | 336.0 | 76.32 | 312.8 | 73.98 |
|        | 7                 | 6        | 358.0                     | 83.76 | 358.0 | 81.06 | 357.0 | 78.98 | 348.4 | 76.04 | 336.0 | 73.78 | 312.8 | 71.56 |
|        | 9                 | 7.9      | 358.0                     | 81.34 | 358.0 | 78.72 | 357.0 | 76.44 | 348.4 | 74.22 | 336.0 | 72.02 | 312.8 | 69.84 |
|        | 11                | 9.8      | 358.0                     | 80.06 | 358.0 | 77.50 | 357.0 | 75.28 | 348.4 | 73.04 | 336.0 | 70.88 | 312.8 | 68.76 |
|        | 13                | 11.8     | 358.0                     | 78.70 | 358.0 | 76.16 | 357.0 | 73.94 | 348.4 | 71.80 | 336.0 | 69.66 | 312.8 | 67.58 |
|        | 15                | 13.7     | 358.0                     | 77.22 | 358.0 | 74.72 | 357.0 | 72.54 | 348.4 | 70.44 | 336.0 | 68.34 | 312.8 | 66.28 |
| 120    | -30               | -30.2    | 107.6                     | 97.86 | 107.6 | 98.38 | 106.8 | 99.12 | 106.8 | 99.92 | 106.8 | 101.1 | 104.8 | 101.9 |
|        | -24.8             | -25      | 179.2                     | 99.78 | 179.2 | 100.3 | 178.0 | 101.1 | 178.0 | 101.8 | 178.0 | 103.0 | 174.8 | 103.8 |
|        | -21.8             | -22      | 219.8                     | 100.9 | 219.8 | 101.4 | 218.2 | 102.2 | 218.2 | 102.9 | 218.2 | 104.1 | 214.2 | 104.9 |
|        | -19.8             | -20      | 232.4                     | 101.6 | 232.4 | 102.1 | 231.0 | 102.9 | 231.0 | 103.7 | 231.0 | 104.8 | 226.4 | 105.6 |
|        | -18.8             | -19      | 237.6                     | 102.0 | 237.6 | 102.5 | 236.0 | 103.3 | 236.0 | 104.0 | 236.0 | 105.2 | 231.6 | 106.0 |
|        | -16.7             | -17      | 248.4                     | 102.8 | 248.4 | 103.3 | 246.8 | 104.1 | 246.8 | 104.8 | 246.8 | 106.0 | 242.0 | 103.5 |
|        | -15               | -15.9    | 256.2                     | 103.3 | 256.2 | 103.8 | 254.4 | 104.6 | 254.4 | 105.4 | 254.4 | 104.1 | 249.6 | 101.7 |
|        | -13.7             | -15      | 263.6                     | 103.9 | 263.6 | 104.4 | 262.2 | 105.2 | 262.2 | 105.9 | 262.2 | 102.2 | 257.2 | 99.90 |
|        | -11.8             | -13      | 272.4                     | 104.6 | 272.4 | 105.1 | 270.6 | 105.9 | 270.6 | 103.3 | 270.6 | 99.86 | 266.8 | 97.62 |
|        | -9.8              | -11      | 281.2                     | 105.3 | 281.2 | 105.8 | 279.6 | 103.0 | 279.6 | 100.5 | 279.6 | 97.38 | 276.8 | 95.24 |
|        | -9.5              | -10      | 283.2                     | 105.4 | 283.2 | 105.4 | 281.2 | 102.6 | 281.2 | 100.1 | 281.2 | 96.98 | 278.2 | 94.86 |
|        | -8.5              | -9.1     | 288.4                     | 105.8 | 288.4 | 103.8 | 286.6 | 101.1 | 286.6 | 98.70 | 286.6 | 95.76 | 283.2 | 93.66 |
|        | -7                | -7.6     | 296.6                     | 103.5 | 296.6 | 101.5 | 294.8 | 98.94 | 294.8 | 96.60 | 294.8 | 93.90 | 290.4 | 91.86 |
|        | -5                | -5.6     | 307.8                     | 100.6 | 307.8 | 98.54 | 305.6 | 96.06 | 305.6 | 93.86 | 305.6 | 91.44 | 293.8 | 87.44 |
|        | -3                | -3.7     | 318.4                     | 97.60 | 318.4 | 95.58 | 316.6 | 93.22 | 316.6 | 91.14 | 316.2 | 88.96 | 293.8 | 82.70 |
|        | 0                 | -0.7     | 334.8                     | 93.18 | 334.8 | 91.08 | 332.6 | 88.96 | 326.4 | 85.40 | 316.2 | 81.10 | 293.8 | 79.36 |
|        | 3                 | 2.2      | 351.2                     | 88.74 | 351.2 | 86.58 | 337.6 | 81.92 | 326.4 | 78.72 | 316.2 | 77.48 | 293.8 | 76.00 |
|        | 5                 | 4.1      | 355.4                     | 84.24 | 351.6 | 81.18 | 337.6 | 77.68 | 326.4 | 76.12 | 316.2 | 75.16 | 293.8 | 73.78 |
|        | 7                 | 6        | 355.4                     | 78.92 | 351.6 | 76.46 | 337.6 | 74.96 | 326.4 | 73.52 | 316.2 | 72.84 | 293.8 | 71.52 |
|        | 9                 | 7.9      | 355.4                     | 76.52 | 351.6 | 74.44 | 337.6 | 72.98 | 326.4 | 71.58 | 316.2 | 70.90 | 293.8 | 69.64 |
|        | 11                | 9.8      | 355.4                     | 75.12 | 351.6 | 73.08 | 337.6 | 71.62 | 326.4 | 70.28 | 316.2 | 69.60 | 293.8 | 68.36 |
|        | 13                | 11.8     | 355.4                     | 73.60 | 351.6 | 71.60 | 337.6 | 70.20 | 326.4 | 68.86 | 316.2 | 68.20 | 293.8 | 67.00 |
|        | 15                | 13.7     | 355.4                     | 72.00 | 351.6 | 70.02 | 337.6 | 68.66 | 326.4 | 67.34 | 316.2 | 66.68 | 293.8 | 65.52 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 107.2                     | 98.38 | 107.2 | 99.12 | 106.4 | 99.92 | 106.4 | 101.1 | 106.4 | 101.9 | 104.2 | 102.3 |
|        | -24.8             | -25      | 178.4                     | 100.3 | 178.4 | 101.1 | 177.2 | 101.8 | 177.2 | 103.0 | 177.2 | 103.8 | 173.6 | 104.2 |
|        | -21.8             | -22      | 218.4                     | 101.4 | 218.4 | 102.2 | 216.8 | 102.9 | 216.8 | 104.1 | 216.8 | 104.9 | 213.0 | 105.3 |
|        | -19.8             | -20      | 231.2                     | 102.1 | 231.2 | 102.9 | 229.8 | 103.7 | 229.8 | 104.8 | 229.8 | 105.6 | 225.2 | 106.0 |
|        | -18.8             | -19      | 236.2                     | 102.5 | 236.2 | 103.3 | 234.8 | 104.0 | 234.8 | 105.2 | 234.8 | 106.0 | 230.4 | 104.7 |
|        | -16.7             | -17      | 247.2                     | 103.3 | 247.2 | 104.1 | 245.4 | 104.8 | 245.4 | 106.0 | 245.4 | 103.3 | 240.8 | 101.9 |
|        | -15               | -15.9    | 254.6                     | 103.8 | 254.6 | 104.6 | 253.0 | 105.4 | 253.0 | 103.9 | 253.0 | 101.3 | 250.6 | 99.86 |
|        | -13.7             | -15      | 262.2                     | 104.4 | 262.2 | 105.2 | 260.6 | 105.9 | 260.6 | 101.8 | 260.6 | 99.38 | 260.6 | 97.86 |
|        | -11.8             | -13      | 270.6                     | 105.1 | 270.6 | 105.9 | 269.2 | 103.0 | 269.2 | 99.22 | 269.2 | 96.88 | 264.4 | 93.58 |
|        | -9.8              | -11      | 279.8                     | 105.8 | 279.8 | 102.6 | 278.2 | 99.94 | 278.2 | 96.46 | 278.2 | 94.30 | 264.4 | 88.52 |
|        | -9.5              | -10      | 281.2                     | 105.3 | 281.2 | 102.1 | 279.8 | 99.46 | 279.8 | 96.06 | 279.8 | 93.90 | 264.4 | 87.54 |
|        | -8.5              | -9.1     | 286.8                     | 103.5 | 286.8 | 100.5 | 285.2 | 97.94 | 285.2 | 94.68 | 283.2 | 91.92 | 264.4 | 86.26 |
|        | -7                | -7.6     | 295.2                     | 100.9 | 295.2 | 98.00 | 293.4 | 95.64 | 293.0 | 92.54 | 283.2 | 87.52 | 264.4 | 84.38 |
|        | -5                | -5.6     | 305.8                     | 97.42 | 305.8 | 94.76 | 303.0 | 92.36 | 293.0 | 86.72 | 283.2 | 83.60 | 264.4 | 81.86 |
|        | -3                | -3.7     | 316.8                     | 93.94 | 316.8 | 91.54 | 303.0 | 86.26 | 293.0 | 82.74 | 283.2 | 81.14 | 264.4 | 79.36 |
|        | 0                 | -0.7     | 332.8                     | 88.72 | 323.0 | 84.12 | 303.0 | 80.78 | 293.0 | 78.88 | 283.2 | 77.50 | 264.4 | 75.60 |
|        | 3                 | 2.2      | 341.8                     | 81.76 | 323.0 | 77.68 | 303.0 | 76.46 | 293.0 | 75.04 | 283.2 | 73.86 | 264.4 | 71.84 |
|        | 5                 | 4.1      | 341.8                     | 75.94 | 323.0 | 74.62 | 303.0 | 73.64 | 293.0 | 72.44 | 283.2 | 71.42 | 264.4 | 69.34 |
|        | 7                 | 6        | 341.8                     | 72.62 | 323.0 | 71.54 | 303.0 | 70.76 | 293.0 | 69.88 | 283.2 | 69.00 | 264.4 | 66.84 |
|        | 9                 | 7.9      | 341.8                     | 70.40 | 323.0 | 69.34 | 303.0 | 68.56 | 293.0 | 67.72 | 283.2 | 66.84 | 264.4 | 64.78 |
|        | 11                | 9.8      | 341.8                     | 68.78 | 323.0 | 67.74 | 303.0 | 66.98 | 293.0 | 66.14 | 283.2 | 65.28 | 264.4 | 63.28 |
|        | 13                | 11.8     | 341.8                     | 67.02 | 323.0 | 66.02 | 303.0 | 65.26 | 293.0 | 64.48 | 283.2 | 63.64 | 264.4 | 61.68 |
|        | 15                | 13.7     | 341.8                     | 65.14 | 323.0 | 64.16 | 303.0 | 63.44 | 293.0 | 62.68 | 283.2 | 61.86 | 264.4 | 59.94 |
| 100    | -30               | -30.2    | 106.4                     | 112.3 | 106.4 | 111.7 | 106.0 | 96.62 | 106.0 | 110.2 | 106.0 | 107.2 | 103.8 | 109.3 |
|        | -24.8             | -25      | 177.6                     | 110.6 | 177.6 | 110.0 | 176.6 | 102.1 | 176.6 | 108.6 | 176.6 | 108.0 | 172.8 | 107.7 |
|        | -21.8             | -22      | 217.2                     | 109.6 | 217.2 | 109.1 | 216.0 | 105.2 | 216.0 | 107.6 | 216.0 | 108.4 | 211.8 | 106.7 |
|        | -19.8             | -20      | 230.2                     | 109.0 | 230.2 | 108.4 | 228.8 | 107.2 | 228.8 | 107.0 | 228.8 | 106.8 | 224.4 | 106.0 |
|        | -18.8             | -19      | 235.2                     | 108.7 | 234.0 | 108.1 | 234.0 | 107.5 | 234.0 | 106.6 | 234.0 | 106.0 | 229.4 | 104.4 |
|        | -16.7             | -17      | 244.4                     | 108.0 | 244.4 | 107.4 | 244.4 | 108.3 | 243.0 | 106.0 | 243.0 | 102.6 | 238.6 | 100.9 |
|        | -15               | -15.9    | 252.8                     | 107.5 | 252.8 | 106.9 | 251.8 | 107.1 | 251.4 | 103.5 | 251.4 | 100.2 | 241.6 | 96.48 |
|        | -13.7             | -15      | 261.0                     | 107.1 | 261.0 | 106.5 | 259.4 | 105.9 | 259.4 | 101.1 | 259.4 | 97.70 | 241.6 | 91.06 |
|        | -11.8             | -13      | 269.4                     | 106.5 | 268.0 | 105.9 | 268.0 | 102.6 | 268.0 | 97.94 | 259.4 | 91.62 | 241.6 | 88.08 |
|        | -9.8              | -11      | 278.4                     | 105.8 | 278.4 | 102.2 | 277.2 | 99.20 | 268.2 | 91.64 | 259.4 | 86.78 | 241.6 | 84.96 |
|        | -9.5              | -10      | 279.8                     | 105.2 | 279.8 | 101.6 | 277.2 | 98.14 | 268.2 | 90.68 | 259.4 | 86.32 | 241.6 | 84.48 |
|        | -8.5              | -9.1     | 285.4                     | 103.4 | 285.4 | 99.82 | 277.2 | 94.54 | 268.2 | 87.82 | 259.4 | 84.78 | 241.6 | 82.90 |
|        | -7                | -7.6     | 298.4                     | 100.5 | 294.8 | 96.36 | 277.2 | 89.52 | 268.2 | 85.50 | 259.4 | 82.48 | 241.6 | 80.56 |
|        | -5                | -5.6     | 311.4                     | 96.70 | 294.8 | 89.44 | 277.2 | 86.32 | 268.2 | 82.42 | 259.4 | 79.46 | 241.6 | 77.48 |
|        | -3                | -3.7     | 312.6                     | 90.74 | 294.8 | 85.28 | 277.2 | 83.10 | 268.2 | 79.36 | 259.4 | 76.42 | 241.6 | 74.38 |
|        | 0                 | -0.7     | 312.6                     | 82.84 | 294.8 | 80.12 | 277.2 | 78.24 | 268.2 | 74.76 | 259.4 | 71.86 | 241.6 | 69.74 |
|        | 3                 | 2.2      | 312.6                     | 77.46 | 294.8 | 74.98 | 277.2 | 73.40 | 268.2 | 70.16 | 259.4 | 67.34 | 241.6 | 65.10 |
|        | 5                 | 4.1      | 312.6                     | 73.90 | 294.8 | 71.54 | 277.2 | 70.16 | 268.2 | 67.12 | 259.4 | 64.30 | 241.6 | 62.02 |
|        | 7                 | 6        | 312.6                     | 70.32 | 294.8 | 68.10 | 277.2 | 66.96 | 268.2 | 64.04 | 259.4 | 61.28 | 241.6 | 58.92 |
|        | 9                 | 7.9      | 312.6                     | 67.84 | 294.8 | 65.74 | 277.2 | 64.58 | 268.2 | 61.78 | 259.4 | 59.14 | 241.6 | 56.84 |
|        | 11                | 9.8      | 312.6                     | 65.98 | 294.8 | 63.90 | 277.2 | 62.80 | 268.2 | 60.04 | 259.4 | 57.46 | 241.6 | 55.26 |
|        | 13                | 11.8     | 312.6                     | 63.98 | 294.8 | 61.94 | 277.2 | 60.88 | 268.2 | 58.24 | 259.4 | 55.72 | 241.6 | 53.58 |
|        | 15                | 13.7     | 312.6                     | 61.82 | 294.8 | 59.88 | 277.2 | 58.84 | 268.2 | 56.30 | 259.4 | 53.86 | 241.6 | 51.80 |
| 90     | -30               | -30.2    | 106.2                     | 96.84 | 106.2 | 97.92 | 105.4 | 98.80 | 105.4 | 99.12 | 105.4 | 99.98 | 103.4 | 110.8 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 177.0                     | 98.72 | 177.0 | 99.88 | 175.8 | 100.7 | 175.8 | 101.1 | 175.8 | 101.9 | 172.4 | 103.1 |
|        | -21.8             | -22      | 216.4                     | 99.80 | 216.4 | 101.0 | 215.2 | 101.8 | 215.2 | 102.2 | 215.2 | 103.0 | 211.0 | 98.64 |
|        | -19.8             | -20      | 229.4                     | 100.6 | 229.4 | 101.7 | 227.8 | 102.6 | 227.8 | 103.0 | 227.8 | 99.98 | 220.8 | 94.56 |
|        | -18.8             | -19      | 235.2                     | 100.9 | 234.0 | 102.1 | 232.8 | 102.9 | 232.8 | 101.4 | 232.8 | 98.46 | 220.8 | 91.10 |
|        | -16.7             | -17      | 244.4                     | 101.7 | 244.4 | 102.9 | 243.4 | 99.72 | 243.4 | 98.14 | 238.0 | 93.14 | 220.8 | 86.48 |
|        | -15               | -15.9    | 252.8                     | 102.3 | 252.8 | 100.5 | 251.0 | 97.46 | 245.8 | 93.84 | 238.0 | 89.60 | 220.8 | 84.38 |
|        | -13.7             | -15      | 261.0                     | 102.8 | 261.0 | 98.12 | 253.6 | 93.28 | 245.8 | 88.90 | 238.0 | 86.16 | 220.8 | 82.30 |
|        | -11.8             | -13      | 269.4                     | 99.58 | 268.0 | 95.14 | 253.6 | 87.62 | 245.8 | 85.96 | 238.0 | 83.46 | 220.8 | 79.62 |
|        | -9.8              | -11      | 278.4                     | 96.18 | 269.2 | 88.96 | 253.6 | 84.68 | 245.8 | 83.00 | 238.0 | 80.62 | 220.8 | 76.84 |
|        | -9.5              | -10      | 279.8                     | 95.64 | 269.2 | 88.02 | 253.6 | 84.24 | 245.8 | 82.56 | 238.0 | 80.18 | 220.8 | 76.42 |
|        | -8.5              | -9.1     | 285.4                     | 93.96 | 269.2 | 85.46 | 253.6 | 82.80 | 245.8 | 81.12 | 238.0 | 78.76 | 220.8 | 75.02 |
|        | -7                | -7.6     | 286.2                     | 87.66 | 269.2 | 83.10 | 253.6 | 80.64 | 245.8 | 78.92 | 238.0 | 76.62 | 220.8 | 72.92 |
|        | -5                | -5.6     | 286.2                     | 83.54 | 269.2 | 80.16 | 253.6 | 77.80 | 245.8 | 76.02 | 238.0 | 73.82 | 220.8 | 70.20 |
|        | -3                | -3.7     | 286.2                     | 80.36 | 269.2 | 77.20 | 253.6 | 74.96 | 245.8 | 73.12 | 238.0 | 70.98 | 220.8 | 67.44 |
|        | 0                 | -0.7     | 286.2                     | 75.58 | 269.2 | 72.74 | 253.6 | 70.70 | 245.8 | 68.78 | 238.0 | 66.76 | 220.8 | 63.32 |
|        | 3                 | 2.2      | 286.2                     | 70.78 | 269.2 | 68.32 | 253.6 | 66.42 | 245.8 | 64.46 | 238.0 | 62.54 | 220.8 | 59.16 |
|        | 5                 | 4.1      | 286.2                     | 67.58 | 269.2 | 65.36 | 253.6 | 63.58 | 245.8 | 61.56 | 238.0 | 59.72 | 220.8 | 56.40 |
|        | 7                 | 6        | 286.2                     | 64.40 | 269.2 | 62.42 | 253.6 | 60.74 | 245.8 | 58.68 | 238.0 | 56.94 | 220.8 | 53.68 |
|        | 9                 | 7.9      | 286.2                     | 61.38 | 269.2 | 59.48 | 253.6 | 57.88 | 245.8 | 55.90 | 238.0 | 54.24 | 220.8 | 51.16 |
|        | 11                | 9.8      | 286.2                     | 58.36 | 269.2 | 56.56 | 253.6 | 55.04 | 245.8 | 53.16 | 238.0 | 51.58 | 220.8 | 48.64 |
|        | 13                | 11.8     | 286.2                     | 55.36 | 269.2 | 53.64 | 253.6 | 52.22 | 245.8 | 50.42 | 238.0 | 48.92 | 220.8 | 46.12 |
|        | 15                | 13.7     | 286.2                     | 52.34 | 269.2 | 50.74 | 253.6 | 49.34 | 245.8 | 47.66 | 238.0 | 46.24 | 220.8 | 43.62 |
| 80     | -30               | -30.2    | 105.6                     | 85.22 | 105.6 | 86.46 | 105.0 | 87.34 | 105.0 | 86.30 | 105.0 | 98.36 | 103.0 | 94.28 |
|        | -24.8             | -25      | 176.2                     | 87.20 | 176.2 | 88.40 | 175.0 | 89.24 | 175.0 | 89.62 | 175.0 | 91.58 | 171.6 | 87.74 |
|        | -21.8             | -22      | 214.2                     | 88.34 | 214.2 | 89.50 | 214.2 | 90.34 | 214.2 | 91.52 | 212.2 | 86.88 | 197.4 | 79.70 |
|        | -19.8             | -20      | 226.8                     | 89.08 | 226.8 | 90.26 | 226.6 | 91.38 | 220.0 | 86.08 | 212.2 | 80.72 | 197.4 | 77.28 |
|        | -18.8             | -19      | 232.0                     | 89.46 | 232.0 | 91.46 | 226.8 | 88.08 | 220.0 | 83.02 | 212.2 | 79.50 | 197.4 | 76.14 |
|        | -16.7             | -17      | 239.2                     | 91.42 | 239.2 | 88.56 | 226.8 | 82.72 | 220.0 | 80.20 | 212.2 | 76.92 | 197.4 | 73.66 |
|        | -15               | -15.9    | 244.6                     | 89.28 | 241.6 | 86.34 | 226.8 | 80.74 | 220.0 | 78.24 | 212.2 | 75.06 | 197.4 | 71.86 |
|        | -13.7             | -15      | 250.0                     | 87.14 | 241.6 | 83.24 | 226.8 | 78.76 | 220.0 | 76.28 | 212.2 | 73.22 | 197.4 | 70.08 |
|        | -11.8             | -13      | 256.2                     | 84.42 | 241.6 | 79.50 | 226.8 | 76.26 | 220.0 | 73.84 | 212.2 | 70.88 | 197.4 | 67.84 |
|        | -9.8              | -11      | 256.4                     | 79.54 | 241.6 | 75.82 | 226.8 | 73.64 | 220.0 | 71.22 | 212.2 | 68.40 | 197.4 | 65.46 |
|        | -9.5              | -10      | 256.4                     | 78.54 | 241.6 | 74.96 | 226.8 | 73.24 | 220.0 | 70.84 | 212.2 | 68.04 | 197.4 | 65.12 |
|        | -8.5              | -9.1     | 256.4                     | 76.44 | 241.6 | 73.34 | 226.8 | 71.92 | 220.0 | 69.54 | 212.2 | 66.84 | 197.4 | 63.96 |
|        | -7                | -7.6     | 256.4                     | 73.64 | 241.6 | 71.36 | 226.8 | 69.96 | 220.0 | 67.58 | 212.2 | 65.00 | 197.4 | 62.16 |
|        | -5                | -5.6     | 256.4                     | 70.96 | 241.6 | 68.82 | 226.8 | 67.34 | 220.0 | 65.04 | 212.2 | 62.54 | 197.4 | 59.84 |
|        | -3                | -3.7     | 256.4                     | 68.30 | 241.6 | 66.22 | 226.8 | 64.76 | 220.0 | 62.46 | 212.2 | 60.12 | 197.4 | 57.48 |
|        | 0                 | -0.7     | 256.4                     | 64.28 | 241.6 | 62.38 | 226.8 | 60.88 | 220.0 | 58.62 | 212.2 | 56.48 | 197.4 | 54.00 |
|        | 3                 | 2.2      | 256.4                     | 60.28 | 241.6 | 58.50 | 226.8 | 56.96 | 220.0 | 54.74 | 212.2 | 52.86 | 197.4 | 50.50 |
|        | 5                 | 4.1      | 256.4                     | 57.62 | 241.6 | 55.94 | 226.8 | 54.38 | 220.0 | 52.18 | 212.2 | 50.42 | 197.4 | 48.16 |
|        | 7                 | 6        | 256.4                     | 54.94 | 241.6 | 53.34 | 226.8 | 51.78 | 220.0 | 49.64 | 212.2 | 47.98 | 197.4 | 45.82 |
|        | 9                 | 7.9      | 256.4                     | 51.60 | 241.6 | 50.10 | 226.8 | 48.62 | 220.0 | 46.60 | 212.2 | 45.06 | 197.4 | 43.04 |
|        | 11                | 9.8      | 256.4                     | 47.88 | 241.6 | 46.50 | 226.8 | 45.14 | 220.0 | 43.24 | 212.2 | 41.82 | 197.4 | 39.94 |
|        | 13                | 11.8     | 256.4                     | 44.70 | 241.6 | 43.40 | 226.8 | 42.14 | 220.0 | 40.38 | 212.2 | 39.04 | 197.4 | 37.28 |
|        | 15                | 13.7     | 256.4                     | 42.08 | 241.6 | 40.84 | 226.8 | 39.64 | 220.0 | 38.00 | 212.2 | 36.74 | 197.4 | 35.08 |
| 70     | -30               | -30.2    | 105.6                     | 85.26 | 105.6 | 85.70 | 105.0 | 86.48 | 105.0 | 97.02 | 105.0 | 92.36 | 103.0 | 88.14 |
|        | -24.8             | -25      | 176.2                     | 87.24 | 176.2 | 87.64 | 175.0 | 88.44 | 175.0 | 89.62 | 175.0 | 85.42 | 169.0 | 80.24 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 204.8                     | 88.38 | 204.8 | 88.76 | 193.2 | 85.00 | 186.6 | 81.00 | 180.8 | 77.24 | 169.0 | 73.64 |
|        | -19.8             | -20      | 217.4                     | 86.48 | 205.2 | 84.94 | 193.2 | 82.14 | 186.6 | 78.30 | 180.8 | 74.74 | 169.0 | 71.18 |
|        | -18.8             | -19      | 217.4                     | 84.94 | 205.2 | 83.52 | 193.2 | 80.74 | 186.6 | 76.94 | 180.8 | 73.44 | 169.0 | 69.96 |
|        | -16.7             | -17      | 217.4                     | 81.90 | 205.2 | 80.40 | 193.2 | 77.76 | 186.6 | 74.10 | 180.8 | 70.82 | 169.0 | 67.38 |
|        | -15               | -15.9    | 217.4                     | 79.74 | 205.2 | 78.22 | 193.2 | 75.62 | 186.6 | 72.08 | 180.8 | 68.92 | 169.0 | 65.56 |
|        | -13.7             | -15      | 217.4                     | 77.56 | 205.2 | 76.02 | 193.2 | 73.50 | 186.6 | 70.08 | 180.8 | 67.02 | 169.0 | 63.72 |
|        | -11.8             | -13      | 217.4                     | 74.80 | 205.2 | 73.26 | 193.2 | 70.82 | 186.6 | 67.50 | 180.8 | 64.62 | 169.0 | 61.42 |
|        | -9.8              | -11      | 217.4                     | 71.94 | 205.2 | 70.30 | 193.2 | 68.00 | 186.6 | 64.82 | 180.8 | 62.12 | 169.0 | 58.98 |
|        | -9.5              | -10      | 217.4                     | 71.50 | 205.2 | 69.86 | 193.2 | 67.56 | 186.6 | 64.40 | 180.8 | 61.74 | 169.0 | 58.62 |
|        | -8.5              | -9.1     | 217.4                     | 70.06 | 205.2 | 68.42 | 193.2 | 66.16 | 186.6 | 63.06 | 180.8 | 60.46 | 169.0 | 57.40 |
|        | -7                | -7.6     | 217.4                     | 67.88 | 205.2 | 66.24 | 193.2 | 64.06 | 186.6 | 61.06 | 180.8 | 58.58 | 169.0 | 55.56 |
|        | -5                | -5.6     | 217.4                     | 65.04 | 205.2 | 63.34 | 193.2 | 61.22 | 186.6 | 58.40 | 180.8 | 56.10 | 169.0 | 53.18 |
|        | -3                | -3.7     | 217.4                     | 62.20 | 205.2 | 60.46 | 193.2 | 58.44 | 186.6 | 55.74 | 180.8 | 53.60 | 169.0 | 50.76 |
|        | 0                 | -0.7     | 217.4                     | 57.92 | 205.2 | 56.12 | 193.2 | 54.26 | 186.6 | 51.76 | 180.8 | 49.88 | 169.0 | 47.16 |
|        | 3                 | 2.2      | 217.4                     | 53.64 | 205.2 | 51.80 | 193.2 | 50.06 | 186.6 | 47.78 | 180.8 | 46.16 | 169.0 | 43.54 |
|        | 5                 | 4.1      | 217.4                     | 50.80 | 205.2 | 48.90 | 193.2 | 47.30 | 186.6 | 45.14 | 180.8 | 43.66 | 169.0 | 41.14 |
|        | 7                 | 6        | 217.4                     | 47.94 | 205.2 | 46.02 | 193.2 | 44.46 | 186.6 | 42.48 | 180.8 | 41.20 | 169.0 | 38.72 |
|        | 9                 | 7.9      | 217.4                     | 43.32 | 205.2 | 41.56 | 193.2 | 40.16 | 186.6 | 38.36 | 180.8 | 37.20 | 169.0 | 34.96 |
|        | 11                | 9.8      | 217.4                     | 40.32 | 205.2 | 38.68 | 193.2 | 37.40 | 186.6 | 35.72 | 180.8 | 34.64 | 169.0 | 32.54 |
|        | 13                | 11.8     | 217.4                     | 37.72 | 205.2 | 36.20 | 193.2 | 34.98 | 186.6 | 33.42 | 180.8 | 32.40 | 169.0 | 30.48 |
|        | 15                | 13.7     | 217.4                     | 35.58 | 205.2 | 34.12 | 193.2 | 33.00 | 186.6 | 31.48 | 180.8 | 30.54 | 169.0 | 28.72 |
| 60     | -30               | -30.2    | 105.0                     | 84.50 | 105.0 | 85.28 | 104.2 | 96.50 | 101.2 | 91.40 | 97.60 | 86.70 | 91.60 | 82.46 |
|        | -24.8             | -25      | 174.8                     | 86.48 | 174.8 | 87.26 | 165.6 | 84.40 | 160.0 | 79.64 | 154.4 | 75.60 | 144.8 | 71.80 |
|        | -21.8             | -22      | 186.6                     | 87.00 | 176.4 | 83.90 | 165.6 | 79.58 | 160.0 | 75.54 | 154.4 | 71.74 | 144.8 | 68.06 |
|        | -19.8             | -20      | 186.6                     | 83.86 | 176.4 | 80.82 | 165.6 | 76.66 | 160.0 | 72.80 | 154.4 | 69.16 | 144.8 | 65.58 |
|        | -18.8             | -19      | 186.6                     | 82.30 | 176.4 | 79.28 | 165.6 | 75.24 | 160.0 | 71.46 | 154.4 | 67.88 | 144.8 | 64.32 |
|        | -16.7             | -17      | 186.6                     | 79.04 | 176.4 | 76.04 | 165.6 | 72.16 | 160.0 | 68.58 | 154.4 | 65.20 | 144.8 | 61.72 |
|        | -15               | -15.9    | 186.6                     | 76.72 | 176.4 | 73.74 | 165.6 | 69.98 | 160.0 | 66.54 | 154.4 | 63.26 | 144.8 | 59.88 |
|        | -13.7             | -15      | 186.6                     | 74.40 | 176.4 | 71.46 | 165.6 | 67.82 | 160.0 | 64.50 | 154.4 | 61.36 | 144.8 | 58.02 |
|        | -11.8             | -13      | 186.6                     | 71.46 | 176.4 | 68.52 | 165.6 | 65.04 | 160.0 | 61.90 | 154.4 | 58.92 | 144.8 | 55.66 |
|        | -9.8              | -11      | 186.6                     | 68.36 | 176.4 | 65.44 | 165.6 | 62.16 | 160.0 | 59.20 | 154.4 | 56.36 | 144.8 | 53.20 |
|        | -9.5              | -10      | 186.6                     | 67.90 | 176.4 | 64.98 | 165.6 | 61.74 | 160.0 | 58.78 | 154.4 | 55.96 | 144.8 | 52.82 |
|        | -8.5              | -9.1     | 186.6                     | 66.36 | 176.4 | 63.46 | 165.6 | 60.30 | 160.0 | 57.44 | 154.4 | 54.70 | 144.8 | 51.58 |
|        | -7                | -7.6     | 186.6                     | 64.06 | 176.4 | 61.18 | 165.6 | 58.12 | 160.0 | 55.40 | 154.4 | 52.80 | 144.8 | 49.72 |
|        | -5                | -5.6     | 186.6                     | 60.96 | 176.4 | 58.12 | 165.6 | 55.26 | 160.0 | 52.72 | 154.4 | 50.26 | 144.8 | 47.30 |
|        | -3                | -3.7     | 186.6                     | 57.94 | 176.4 | 55.10 | 165.6 | 52.38 | 160.0 | 50.02 | 154.4 | 47.72 | 144.8 | 44.84 |
|        | 0                 | -0.7     | 186.6                     | 53.32 | 176.4 | 50.54 | 165.6 | 48.10 | 160.0 | 45.98 | 154.4 | 43.92 | 144.8 | 41.18 |
|        | 3                 | 2.2      | 186.6                     | 48.72 | 176.4 | 45.98 | 165.6 | 43.78 | 160.0 | 41.96 | 154.4 | 40.14 | 144.8 | 37.50 |
|        | 5                 | 4.1      | 186.6                     | 45.68 | 176.4 | 42.96 | 165.6 | 40.94 | 160.0 | 39.28 | 154.4 | 37.62 | 144.8 | 35.06 |
|        | 7                 | 6        | 186.6                     | 42.62 | 176.4 | 39.90 | 165.6 | 38.08 | 160.0 | 36.56 | 154.4 | 35.08 | 144.8 | 32.62 |
|        | 9                 | 7.9      | 186.6                     | 38.04 | 176.4 | 35.64 | 165.6 | 33.94 | 160.0 | 32.64 | 154.4 | 31.30 | 144.8 | 29.10 |
|        | 11                | 9.8      | 186.6                     | 35.48 | 176.4 | 33.26 | 165.6 | 31.70 | 160.0 | 30.48 | 154.4 | 29.24 | 144.8 | 27.18 |
|        | 13                | 11.8     | 186.6                     | 33.26 | 176.4 | 31.14 | 165.6 | 29.72 | 160.0 | 28.56 | 154.4 | 27.38 | 144.8 | 25.46 |
|        | 15                | 13.7     | 186.6                     | 31.42 | 176.4 | 29.44 | 165.6 | 28.06 | 160.0 | 26.96 | 154.4 | 25.88 | 144.8 | 24.08 |
| 50     | -30               | -30.2    | 98.40                     | 73.34 | 92.80 | 83.50 | 87.20 | 79.06 | 84.40 | 74.98 | 81.60 | 70.98 | 76.00 | 67.50 |
|        | -24.8             | -25      | 155.6                     | 71.46 | 146.8 | 72.58 | 138.0 | 68.78 | 133.6 | 65.24 | 129.0 | 61.90 | 120.0 | 58.76 |
|        | -21.8             | -22      | 155.6                     | 72.54 | 146.8 | 68.76 | 138.0 | 65.20 | 133.6 | 61.84 | 129.0 | 58.72 | 120.0 | 55.70 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 155.6                     | 69.86 | 146.8 | 66.18 | 138.0 | 62.80 | 133.6 | 59.56 | 129.0 | 56.60 | 120.0 | 53.64 |
|        | -18.8             | -19      | 155.6                     | 68.52 | 146.8 | 64.90 | 138.0 | 61.62 | 133.6 | 58.46 | 129.0 | 55.54 | 120.0 | 52.66 |
|        | -16.7             | -17      | 155.6                     | 65.74 | 146.8 | 62.24 | 138.0 | 59.12 | 133.6 | 56.06 | 129.0 | 53.34 | 120.0 | 50.52 |
|        | -15               | -15.9    | 155.6                     | 63.74 | 146.8 | 60.30 | 138.0 | 57.32 | 133.6 | 54.36 | 129.0 | 51.76 | 120.0 | 49.00 |
|        | -13.7             | -15      | 155.6                     | 61.74 | 146.8 | 58.40 | 138.0 | 55.52 | 133.6 | 52.68 | 129.0 | 50.18 | 120.0 | 47.48 |
|        | -11.8             | -13      | 155.6                     | 59.22 | 146.8 | 56.00 | 138.0 | 53.28 | 133.6 | 50.54 | 129.0 | 48.18 | 120.0 | 45.56 |
|        | -9.8              | -11      | 155.6                     | 56.58 | 146.8 | 53.44 | 138.0 | 50.88 | 133.6 | 48.26 | 129.0 | 46.06 | 120.0 | 43.52 |
|        | -9.5              | -10      | 155.6                     | 56.16 | 146.8 | 53.08 | 138.0 | 50.52 | 133.6 | 47.94 | 129.0 | 45.78 | 120.0 | 43.22 |
|        | -8.5              | -9.1     | 155.6                     | 54.84 | 146.8 | 51.80 | 138.0 | 49.34 | 133.6 | 46.82 | 129.0 | 44.72 | 120.0 | 42.20 |
|        | -7                | -7.6     | 155.6                     | 52.84 | 146.8 | 49.90 | 138.0 | 47.56 | 133.6 | 45.14 | 129.0 | 43.14 | 120.0 | 40.70 |
|        | -5                | -5.6     | 155.6                     | 50.20 | 146.8 | 47.38 | 138.0 | 45.22 | 133.6 | 42.92 | 129.0 | 41.06 | 120.0 | 38.68 |
|        | -3                | -3.7     | 155.6                     | 47.60 | 146.8 | 44.86 | 138.0 | 42.84 | 133.6 | 40.66 | 129.0 | 38.98 | 120.0 | 36.70 |
|        | 0                 | -0.7     | 155.6                     | 43.66 | 146.8 | 41.04 | 138.0 | 39.30 | 133.6 | 37.32 | 129.0 | 35.88 | 120.0 | 33.68 |
|        | 3                 | 2.2      | 155.6                     | 39.70 | 146.8 | 37.30 | 138.0 | 35.80 | 133.6 | 33.96 | 129.0 | 32.76 | 120.0 | 30.68 |
|        | 5                 | 4.1      | 155.6                     | 37.08 | 146.8 | 34.78 | 138.0 | 33.44 | 133.6 | 31.74 | 129.0 | 30.68 | 120.0 | 28.68 |
|        | 7                 | 6        | 155.6                     | 34.46 | 146.8 | 32.26 | 138.0 | 31.08 | 133.6 | 29.50 | 129.0 | 28.58 | 120.0 | 26.70 |
|        | 9                 | 7.9      | 155.6                     | 31.12 | 146.8 | 29.12 | 138.0 | 28.06 | 133.6 | 26.66 | 129.0 | 25.82 | 120.0 | 24.10 |
|        | 11                | 9.8      | 155.6                     | 29.10 | 146.8 | 27.24 | 138.0 | 26.24 | 133.6 | 24.94 | 129.0 | 24.16 | 120.0 | 22.54 |
|        | 13                | 11.8     | 155.6                     | 27.32 | 146.8 | 25.60 | 138.0 | 24.64 | 133.6 | 23.42 | 129.0 | 22.68 | 120.0 | 21.18 |
|        | 15                | 13.7     | 155.6                     | 25.86 | 146.8 | 24.20 | 138.0 | 23.34 | 133.6 | 22.14 | 129.0 | 21.48 | 120.0 | 20.02 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM900LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 110.9                     | 99.87 | 110.9 | 100.5 | 110.1 | 101.0 | 110.1 | 101.7 | 110.1 | 102.5 | 108.1 | 103.8 |
|        | -24.8             | -25      | 184.8                     | 101.7 | 184.8 | 102.3 | 183.5 | 102.8 | 183.5 | 103.6 | 183.5 | 104.4 | 180.2 | 105.6 |
|        | -21.8             | -22      | 226.3                     | 102.7 | 226.3 | 103.4 | 224.9 | 103.9 | 224.9 | 104.7 | 224.9 | 105.4 | 220.4 | 106.6 |
|        | -19.8             | -20      | 239.6                     | 103.5 | 239.6 | 104.1 | 237.7 | 104.6 | 237.7 | 105.4 | 237.7 | 106.1 | 233.5 | 107.3 |
|        | -18.8             | -19      | 244.9                     | 103.8 | 244.9 | 104.4 | 243.2 | 104.9 | 243.2 | 105.7 | 243.2 | 106.5 | 238.6 | 107.7 |
|        | -16.7             | -17      | 256.0                     | 104.6 | 256.0 | 105.2 | 254.2 | 105.7 | 254.2 | 106.5 | 254.2 | 107.2 | 249.6 | 108.4 |
|        | -15               | -15.9    | 263.8                     | 105.1 | 263.8 | 105.7 | 262.2 | 106.2 | 262.2 | 107.0 | 262.2 | 107.8 | 257.1 | 106.4 |
|        | -13.7             | -15      | 271.9                     | 105.6 | 271.9 | 106.2 | 270.1 | 106.7 | 270.1 | 107.5 | 270.1 | 108.3 | 264.9 | 104.4 |
|        | -11.8             | -13      | 280.7                     | 106.3 | 280.7 | 106.9 | 278.9 | 107.4 | 278.9 | 108.2 | 278.9 | 105.6 | 274.8 | 101.8 |
|        | -9.8              | -11      | 290.0                     | 107.0 | 290.0 | 107.6 | 288.2 | 108.1 | 288.2 | 105.4 | 288.2 | 102.7 | 285.0 | 99.09 |
|        | -9.5              | -10      | 291.6                     | 107.1 | 291.6 | 107.7 | 289.9 | 107.7 | 289.9 | 104.9 | 289.7 | 102.3 | 286.5 | 98.67 |
|        | -8.5              | -9.1     | 297.3                     | 107.5 | 297.3 | 108.1 | 295.5 | 106.2 | 295.5 | 103.5 | 294.3 | 100.9 | 291.7 | 97.34 |
|        | -7                | -7.6     | 305.8                     | 108.0 | 305.8 | 106.0 | 303.7 | 104.1 | 303.7 | 101.3 | 303.7 | 98.73 | 299.5 | 95.32 |
|        | -5                | -5.6     | 316.9                     | 105.4 | 316.9 | 103.2 | 314.8 | 101.2 | 314.8 | 98.54 | 314.8 | 95.97 | 309.6 | 92.70 |
|        | -3                | -3.7     | 328.2                     | 102.8 | 328.2 | 100.5 | 326.0 | 98.39 | 326.0 | 95.73 | 326.0 | 93.20 | 319.5 | 89.95 |
|        | 0                 | -0.7     | 345.0                     | 98.85 | 345.0 | 96.40 | 342.7 | 94.15 | 342.7 | 91.57 | 342.7 | 89.07 | 319.9 | 82.13 |
|        | 3                 | 2.2      | 361.9                     | 94.94 | 361.9 | 92.25 | 359.5 | 89.92 | 356.3 | 86.60 | 343.6 | 81.17 | 319.9 | 78.03 |
|        | 5                 | 4.1      | 366.2                     | 90.66 | 366.2 | 87.93 | 365.1 | 85.77 | 356.3 | 81.31 | 343.6 | 77.93 | 319.9 | 75.54 |
|        | 7                 | 6        | 366.2                     | 85.53 | 366.2 | 82.77 | 365.1 | 80.64 | 356.3 | 77.63 | 343.6 | 75.32 | 319.9 | 73.06 |
|        | 9                 | 7.9      | 366.2                     | 83.05 | 366.2 | 80.37 | 365.1 | 78.04 | 356.3 | 75.77 | 343.6 | 73.53 | 319.9 | 71.31 |
|        | 11                | 9.8      | 366.2                     | 81.74 | 366.2 | 79.13 | 365.1 | 76.85 | 356.3 | 74.57 | 343.6 | 72.37 | 319.9 | 70.20 |
|        | 13                | 11.8     | 366.2                     | 80.36 | 366.2 | 77.75 | 365.1 | 75.50 | 356.3 | 73.30 | 343.6 | 71.12 | 319.9 | 68.99 |
|        | 15                | 13.7     | 366.2                     | 78.84 | 366.2 | 76.29 | 365.1 | 74.07 | 356.3 | 71.92 | 343.6 | 69.77 | 319.9 | 67.67 |
| 120    | -30               | -30.2    | 110.1                     | 100.5 | 110.1 | 101.0 | 109.4 | 101.7 | 109.4 | 102.5 | 109.4 | 103.8 | 107.3 | 104.6 |
|        | -24.8             | -25      | 183.4                     | 102.3 | 183.4 | 102.8 | 182.3 | 103.6 | 182.3 | 104.4 | 182.3 | 105.6 | 178.9 | 106.4 |
|        | -21.8             | -22      | 224.8                     | 103.4 | 224.8 | 103.9 | 223.3 | 104.7 | 223.3 | 105.4 | 223.3 | 106.6 | 219.1 | 107.5 |
|        | -19.8             | -20      | 237.7                     | 104.1 | 237.7 | 104.6 | 236.2 | 105.4 | 236.2 | 106.1 | 236.2 | 107.3 | 231.7 | 108.2 |
|        | -18.8             | -19      | 243.0                     | 104.4 | 243.0 | 104.9 | 241.4 | 105.7 | 241.4 | 106.5 | 241.4 | 107.7 | 236.9 | 108.5 |
|        | -16.7             | -17      | 254.0                     | 105.2 | 254.0 | 105.7 | 252.4 | 106.5 | 252.4 | 107.2 | 252.4 | 108.4 | 247.6 | 105.9 |
|        | -15               | -15.9    | 262.0                     | 105.7 | 262.0 | 106.2 | 260.2 | 107.0 | 260.2 | 107.8 | 260.2 | 106.5 | 255.3 | 104.0 |
|        | -13.7             | -15      | 269.7                     | 106.2 | 269.7 | 106.7 | 268.2 | 107.5 | 268.2 | 108.3 | 268.2 | 104.5 | 263.0 | 102.2 |
|        | -11.8             | -13      | 278.6                     | 106.9 | 278.6 | 107.4 | 276.8 | 108.2 | 276.8 | 105.6 | 276.8 | 102.1 | 272.9 | 99.79 |
|        | -9.8              | -11      | 287.8                     | 107.6 | 287.8 | 108.1 | 286.1 | 105.2 | 286.1 | 102.7 | 286.1 | 99.50 | 283.2 | 97.31 |
|        | -9.5              | -10      | 289.7                     | 107.7 | 289.7 | 107.7 | 287.8 | 104.8 | 287.8 | 102.3 | 287.8 | 99.09 | 284.6 | 96.92 |
|        | -8.5              | -9.1     | 295.2                     | 108.1 | 295.2 | 106.1 | 293.1 | 103.3 | 293.1 | 100.8 | 293.1 | 97.82 | 289.7 | 95.68 |
|        | -7                | -7.6     | 303.5                     | 105.7 | 303.5 | 103.7 | 301.6 | 101.0 | 301.6 | 98.65 | 301.6 | 95.89 | 297.2 | 93.82 |
|        | -5                | -5.6     | 314.8                     | 102.7 | 314.8 | 100.6 | 312.7 | 98.11 | 312.7 | 95.86 | 312.7 | 93.38 | 300.5 | 89.31 |
|        | -3                | -3.7     | 325.7                     | 99.68 | 325.7 | 97.61 | 323.8 | 95.20 | 323.8 | 93.08 | 323.4 | 90.83 | 300.5 | 84.43 |
|        | 0                 | -0.7     | 342.5                     | 95.16 | 342.5 | 93.01 | 340.2 | 90.85 | 333.8 | 87.21 | 323.4 | 82.82 | 300.5 | 81.02 |
|        | 3                 | 2.2      | 359.2                     | 90.63 | 359.2 | 88.42 | 345.3 | 83.65 | 333.8 | 80.37 | 323.4 | 79.10 | 300.5 | 77.59 |
|        | 5                 | 4.1      | 363.4                     | 85.99 | 359.6 | 82.88 | 345.3 | 79.31 | 333.8 | 77.71 | 323.4 | 76.73 | 300.5 | 75.32 |
|        | 7                 | 6        | 363.4                     | 80.56 | 359.6 | 78.07 | 345.3 | 76.53 | 333.8 | 75.06 | 323.4 | 74.37 | 300.5 | 73.02 |
|        | 9                 | 7.9      | 363.4                     | 78.12 | 359.6 | 76.00 | 345.3 | 74.51 | 333.8 | 73.09 | 323.4 | 72.40 | 300.5 | 71.10 |
|        | 11                | 9.8      | 363.4                     | 76.69 | 359.6 | 74.61 | 345.3 | 73.13 | 333.8 | 71.76 | 323.4 | 71.06 | 300.5 | 69.79 |
|        | 13                | 11.8     | 363.4                     | 75.14 | 359.6 | 73.10 | 345.3 | 71.67 | 333.8 | 70.30 | 323.4 | 69.63 | 300.5 | 68.40 |
|        | 15                | 13.7     | 363.4                     | 73.50 | 359.6 | 71.48 | 345.3 | 70.10 | 333.8 | 68.75 | 323.4 | 68.08 | 300.5 | 66.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 109.7                     | 101.0 | 109.7 | 101.7 | 108.9 | 102.5 | 108.9 | 103.8 | 108.9 | 104.6 | 106.7 | 105.0 |
|        | -24.8             | -25      | 182.6                     | 102.8 | 182.6 | 103.6 | 181.3 | 104.4 | 181.3 | 105.6 | 181.3 | 106.4 | 177.7 | 106.8 |
|        | -21.8             | -22      | 223.5                     | 103.9 | 223.5 | 104.7 | 221.8 | 105.4 | 221.8 | 106.6 | 221.8 | 107.5 | 217.9 | 107.9 |
|        | -19.8             | -20      | 236.5                     | 104.6 | 236.5 | 105.4 | 235.1 | 106.1 | 235.1 | 107.3 | 235.1 | 108.2 | 230.4 | 108.6 |
|        | -18.8             | -19      | 241.7                     | 104.9 | 241.7 | 105.7 | 240.2 | 106.5 | 240.2 | 107.7 | 240.2 | 108.5 | 235.7 | 107.2 |
|        | -16.7             | -17      | 252.8                     | 105.7 | 252.8 | 106.5 | 251.1 | 107.2 | 251.1 | 108.4 | 251.1 | 105.7 | 246.3 | 104.2 |
|        | -15               | -15.9    | 260.5                     | 106.2 | 260.5 | 107.0 | 258.9 | 107.8 | 258.9 | 106.3 | 258.9 | 103.7 | 256.4 | 102.1 |
|        | -13.7             | -15      | 268.2                     | 106.7 | 268.2 | 107.5 | 266.7 | 108.3 | 266.7 | 104.2 | 266.7 | 101.6 | 266.7 | 100.1 |
|        | -11.8             | -13      | 276.9                     | 107.4 | 276.9 | 108.2 | 275.4 | 105.3 | 275.4 | 101.4 | 275.4 | 99.03 | 270.4 | 95.64 |
|        | -9.8              | -11      | 286.2                     | 108.1 | 286.2 | 104.8 | 284.6 | 102.1 | 284.6 | 98.56 | 284.6 | 96.35 | 270.4 | 90.44 |
|        | -9.5              | -10      | 287.8                     | 107.6 | 287.8 | 104.3 | 286.2 | 101.6 | 286.2 | 98.14 | 286.2 | 95.94 | 270.4 | 89.42 |
|        | -8.5              | -9.1     | 293.4                     | 105.8 | 293.4 | 102.6 | 291.8 | 100.1 | 291.8 | 96.72 | 289.6 | 93.85 | 270.4 | 88.10 |
|        | -7                | -7.6     | 301.9                     | 103.0 | 301.9 | 100.1 | 300.1 | 97.68 | 299.7 | 94.50 | 289.6 | 89.35 | 270.4 | 86.15 |
|        | -5                | -5.6     | 312.9                     | 99.49 | 312.9 | 96.77 | 309.9 | 94.32 | 299.7 | 88.56 | 289.6 | 85.35 | 270.4 | 83.58 |
|        | -3                | -3.7     | 324.1                     | 95.93 | 324.1 | 93.49 | 309.9 | 88.07 | 299.7 | 84.47 | 289.6 | 82.84 | 270.4 | 81.02 |
|        | 0                 | -0.7     | 340.5                     | 90.60 | 330.3 | 85.87 | 309.9 | 82.47 | 299.7 | 80.54 | 289.6 | 79.13 | 270.4 | 77.19 |
|        | 3                 | 2.2      | 349.5                     | 83.44 | 330.3 | 79.31 | 309.9 | 78.07 | 299.7 | 76.61 | 289.6 | 75.40 | 270.4 | 73.34 |
|        | 5                 | 4.1      | 349.5                     | 77.54 | 330.3 | 76.18 | 309.9 | 75.17 | 299.7 | 73.96 | 289.6 | 72.91 | 270.4 | 70.80 |
|        | 7                 | 6        | 349.5                     | 74.15 | 330.3 | 73.05 | 309.9 | 72.24 | 299.7 | 71.35 | 289.6 | 70.45 | 270.4 | 68.24 |
|        | 9                 | 7.9      | 349.5                     | 71.88 | 330.3 | 70.79 | 309.9 | 70.00 | 299.7 | 69.14 | 289.6 | 68.24 | 270.4 | 66.15 |
|        | 11                | 9.8      | 349.5                     | 70.22 | 330.3 | 69.16 | 309.9 | 68.38 | 299.7 | 67.54 | 289.6 | 66.65 | 270.4 | 64.61 |
|        | 13                | 11.8     | 349.5                     | 68.42 | 330.3 | 67.40 | 309.9 | 66.62 | 299.7 | 65.82 | 289.6 | 64.98 | 270.4 | 62.98 |
|        | 15                | 13.7     | 349.5                     | 66.50 | 330.3 | 65.51 | 309.9 | 64.77 | 299.7 | 63.98 | 289.6 | 63.16 | 270.4 | 61.20 |
| 100    | -30               | -30.2    | 108.9                     | 115.2 | 108.9 | 114.6 | 108.4 | 99.13 | 108.4 | 113.1 | 108.4 | 110.0 | 106.2 | 112.2 |
|        | -24.8             | -25      | 181.7                     | 113.4 | 181.7 | 112.8 | 180.6 | 104.6 | 180.6 | 111.3 | 180.6 | 110.6 | 176.9 | 110.3 |
|        | -21.8             | -22      | 222.2                     | 112.3 | 222.2 | 111.7 | 221.0 | 107.8 | 221.0 | 110.2 | 221.0 | 111.1 | 216.7 | 109.3 |
|        | -19.8             | -20      | 235.5                     | 111.6 | 235.5 | 111.0 | 234.1 | 109.7 | 234.1 | 109.5 | 234.1 | 109.4 | 229.6 | 108.6 |
|        | -18.8             | -19      | 240.6                     | 111.3 | 239.3 | 110.7 | 239.3 | 110.1 | 239.3 | 109.2 | 239.3 | 108.5 | 234.6 | 106.9 |
|        | -16.7             | -17      | 250.1                     | 110.6 | 250.1 | 109.9 | 250.1 | 110.8 | 248.6 | 108.4 | 248.6 | 105.0 | 244.0 | 103.3 |
|        | -15               | -15.9    | 258.6                     | 110.0 | 258.6 | 109.4 | 257.6 | 109.6 | 257.1 | 105.9 | 257.1 | 102.5 | 247.1 | 98.66 |
|        | -13.7             | -15      | 267.0                     | 109.5 | 267.0 | 108.9 | 265.4 | 108.3 | 265.4 | 103.3 | 265.3 | 99.88 | 247.1 | 93.08 |
|        | -11.8             | -13      | 275.6                     | 108.8 | 274.2 | 108.2 | 274.2 | 104.9 | 274.2 | 100.1 | 265.3 | 93.63 | 247.1 | 90.02 |
|        | -9.8              | -11      | 284.8                     | 108.1 | 284.8 | 104.4 | 283.5 | 101.4 | 274.3 | 93.63 | 265.3 | 88.65 | 247.1 | 86.79 |
|        | -9.5              | -10      | 286.2                     | 107.5 | 286.2 | 103.9 | 283.5 | 100.3 | 274.3 | 92.63 | 265.3 | 88.17 | 247.1 | 86.29 |
|        | -8.5              | -9.1     | 291.9                     | 105.6 | 291.9 | 102.0 | 283.5 | 96.56 | 274.3 | 89.70 | 265.3 | 86.58 | 247.1 | 84.67 |
|        | -7                | -7.6     | 305.3                     | 102.6 | 301.5 | 98.38 | 283.5 | 91.40 | 274.3 | 87.30 | 265.3 | 84.21 | 247.1 | 82.26 |
|        | -5                | -5.6     | 318.5                     | 98.75 | 301.5 | 91.30 | 283.5 | 88.13 | 274.3 | 84.15 | 265.3 | 81.13 | 247.1 | 79.10 |
|        | -3                | -3.7     | 319.7                     | 92.64 | 301.5 | 87.06 | 283.5 | 84.84 | 274.3 | 81.02 | 265.3 | 78.03 | 247.1 | 75.94 |
|        | 0                 | -0.7     | 319.7                     | 84.57 | 301.5 | 81.80 | 283.5 | 79.88 | 274.3 | 76.33 | 265.3 | 73.37 | 247.1 | 71.21 |
|        | 3                 | 2.2      | 319.7                     | 79.09 | 301.5 | 76.55 | 283.5 | 74.94 | 274.3 | 71.63 | 265.3 | 68.75 | 247.1 | 66.46 |
|        | 5                 | 4.1      | 319.7                     | 75.46 | 301.5 | 73.05 | 283.5 | 71.63 | 274.3 | 68.52 | 265.3 | 65.65 | 247.1 | 63.32 |
|        | 7                 | 6        | 319.7                     | 71.80 | 301.5 | 69.53 | 283.5 | 68.35 | 274.3 | 65.38 | 265.3 | 62.56 | 247.1 | 60.15 |
|        | 9                 | 7.9      | 319.7                     | 69.27 | 301.5 | 67.11 | 283.5 | 65.93 | 274.3 | 63.08 | 265.3 | 60.37 | 247.1 | 58.04 |
|        | 11                | 9.8      | 319.7                     | 67.36 | 301.5 | 65.24 | 283.5 | 64.11 | 274.3 | 61.31 | 265.3 | 58.67 | 247.1 | 56.42 |
|        | 13                | 11.8     | 319.7                     | 65.32 | 301.5 | 63.24 | 283.5 | 62.15 | 274.3 | 59.46 | 265.3 | 56.89 | 247.1 | 54.70 |
|        | 15                | 13.7     | 319.7                     | 63.12 | 301.5 | 61.14 | 283.5 | 60.08 | 274.3 | 57.48 | 265.3 | 55.00 | 247.1 | 52.88 |
| 90     | -30               | -30.2    | 108.6                     | 99.36 | 108.6 | 100.5 | 107.9 | 101.4 | 107.9 | 101.7 | 107.9 | 102.5 | 105.9 | 113.6 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 181.0                     | 101.2 | 181.0 | 102.4 | 179.9 | 103.2 | 179.9 | 103.6 | 179.9 | 104.4 | 176.5 | 105.6 |
|        | -21.8             | -22      | 221.4                     | 102.2 | 221.4 | 103.4 | 220.2 | 104.3 | 220.2 | 104.7 | 220.2 | 105.5 | 215.9 | 101.0 |
|        | -19.8             | -20      | 234.6                     | 102.9 | 234.6 | 104.2 | 233.1 | 105.0 | 233.1 | 105.4 | 233.1 | 102.3 | 225.8 | 96.76 |
|        | -18.8             | -19      | 240.6                     | 103.3 | 239.3 | 104.5 | 238.1 | 105.3 | 238.1 | 103.8 | 238.1 | 100.8 | 225.8 | 93.21 |
|        | -16.7             | -17      | 250.1                     | 104.1 | 250.1 | 105.3 | 249.0 | 102.0 | 249.0 | 100.4 | 243.4 | 95.27 | 225.8 | 88.44 |
|        | -15               | -15.9    | 258.6                     | 104.6 | 258.6 | 102.8 | 256.7 | 99.66 | 251.3 | 95.93 | 243.4 | 91.61 | 225.8 | 86.26 |
|        | -13.7             | -15      | 267.0                     | 105.1 | 267.0 | 100.3 | 259.4 | 95.39 | 251.3 | 90.86 | 243.4 | 88.06 | 225.8 | 84.12 |
|        | -11.8             | -13      | 275.6                     | 101.8 | 274.2 | 97.23 | 259.4 | 89.53 | 251.3 | 87.82 | 243.4 | 85.28 | 225.8 | 81.35 |
|        | -9.8              | -11      | 284.8                     | 98.26 | 275.4 | 90.88 | 259.4 | 86.48 | 251.3 | 84.78 | 243.4 | 82.33 | 225.8 | 78.48 |
|        | -9.5              | -10      | 286.2                     | 97.71 | 275.4 | 89.94 | 259.4 | 86.04 | 251.3 | 84.32 | 243.4 | 81.87 | 225.8 | 78.04 |
|        | -8.5              | -9.1     | 291.9                     | 95.96 | 275.4 | 87.25 | 259.4 | 84.54 | 251.3 | 82.82 | 243.4 | 80.42 | 225.8 | 76.61 |
|        | -7                | -7.6     | 292.7                     | 89.49 | 275.4 | 84.83 | 259.4 | 82.32 | 251.3 | 80.55 | 243.4 | 78.21 | 225.8 | 74.44 |
|        | -5                | -5.6     | 292.7                     | 85.28 | 275.4 | 81.82 | 259.4 | 79.41 | 251.3 | 77.60 | 243.4 | 75.35 | 225.8 | 71.66 |
|        | -3                | -3.7     | 292.7                     | 82.02 | 275.4 | 78.80 | 259.4 | 76.52 | 251.3 | 74.64 | 243.4 | 72.45 | 225.8 | 68.84 |
|        | 0                 | -0.7     | 292.7                     | 77.15 | 275.4 | 74.26 | 259.4 | 72.16 | 251.3 | 70.21 | 243.4 | 68.14 | 225.8 | 64.64 |
|        | 3                 | 2.2      | 292.7                     | 72.25 | 275.4 | 69.74 | 259.4 | 67.80 | 251.3 | 65.80 | 243.4 | 63.84 | 225.8 | 60.39 |
|        | 5                 | 4.1      | 292.7                     | 68.99 | 275.4 | 66.72 | 259.4 | 64.89 | 251.3 | 62.84 | 243.4 | 60.96 | 225.8 | 57.58 |
|        | 7                 | 6        | 292.7                     | 65.73 | 275.4 | 63.71 | 259.4 | 62.00 | 251.3 | 59.89 | 243.4 | 58.12 | 225.8 | 54.78 |
|        | 9                 | 7.9      | 292.7                     | 62.65 | 275.4 | 60.71 | 259.4 | 59.08 | 251.3 | 57.07 | 243.4 | 55.37 | 225.8 | 52.23 |
|        | 11                | 9.8      | 292.7                     | 59.57 | 275.4 | 57.74 | 259.4 | 56.18 | 251.3 | 54.26 | 243.4 | 52.65 | 225.8 | 49.65 |
|        | 13                | 11.8     | 292.7                     | 56.51 | 275.4 | 54.75 | 259.4 | 53.30 | 251.3 | 51.47 | 243.4 | 49.93 | 225.8 | 47.09 |
|        | 15                | 13.7     | 292.7                     | 53.43 | 275.4 | 51.78 | 259.4 | 50.37 | 251.3 | 48.65 | 243.4 | 47.21 | 225.8 | 44.52 |
| 80     | -30               | -30.2    | 108.1                     | 87.42 | 108.1 | 88.70 | 107.4 | 89.58 | 107.4 | 88.53 | 107.4 | 100.9 | 105.4 | 96.69 |
|        | -24.8             | -25      | 180.3                     | 89.35 | 180.3 | 90.57 | 179.1 | 91.42 | 179.1 | 91.82 | 179.1 | 93.81 | 175.7 | 89.88 |
|        | -21.8             | -22      | 219.2                     | 90.46 | 219.2 | 91.64 | 219.2 | 92.49 | 219.2 | 93.69 | 217.0 | 88.88 | 201.8 | 81.57 |
|        | -19.8             | -20      | 232.1                     | 91.17 | 232.1 | 92.37 | 231.7 | 93.46 | 225.0 | 88.07 | 217.0 | 82.59 | 201.8 | 79.07 |
|        | -18.8             | -19      | 237.2                     | 91.54 | 237.2 | 93.58 | 231.9 | 90.11 | 225.0 | 84.91 | 217.0 | 81.31 | 201.8 | 77.88 |
|        | -16.7             | -17      | 244.6                     | 93.49 | 244.6 | 90.57 | 231.9 | 84.58 | 225.0 | 82.00 | 217.0 | 78.64 | 201.8 | 75.31 |
|        | -15               | -15.9    | 250.2                     | 91.27 | 247.1 | 88.28 | 231.9 | 82.52 | 225.0 | 79.97 | 217.0 | 76.71 | 201.8 | 73.45 |
|        | -13.7             | -15      | 255.7                     | 89.06 | 247.1 | 85.10 | 231.9 | 80.49 | 225.0 | 77.95 | 217.0 | 74.81 | 201.8 | 71.61 |
|        | -11.8             | -13      | 262.0                     | 86.25 | 247.1 | 81.23 | 231.9 | 77.90 | 225.0 | 75.42 | 217.0 | 72.40 | 201.8 | 69.29 |
|        | -9.8              | -11      | 262.2                     | 81.21 | 247.1 | 77.39 | 231.9 | 75.19 | 225.0 | 72.72 | 217.0 | 69.84 | 201.8 | 66.84 |
|        | -9.5              | -10      | 262.2                     | 80.19 | 247.1 | 76.52 | 231.9 | 74.78 | 225.0 | 72.32 | 217.0 | 69.46 | 201.8 | 66.49 |
|        | -8.5              | -9.1     | 262.2                     | 78.01 | 247.1 | 74.86 | 231.9 | 73.42 | 225.0 | 70.99 | 217.0 | 68.23 | 201.8 | 65.29 |
|        | -7                | -7.6     | 262.2                     | 75.15 | 247.1 | 72.82 | 231.9 | 71.40 | 225.0 | 68.97 | 217.0 | 66.33 | 201.8 | 63.44 |
|        | -5                | -5.6     | 262.2                     | 72.42 | 247.1 | 70.23 | 231.9 | 68.73 | 225.0 | 66.37 | 217.0 | 63.83 | 201.8 | 61.06 |
|        | -3                | -3.7     | 262.2                     | 69.70 | 247.1 | 67.58 | 231.9 | 66.08 | 225.0 | 63.75 | 217.0 | 61.36 | 201.8 | 58.67 |
|        | 0                 | -0.7     | 262.2                     | 65.60 | 247.1 | 63.66 | 231.9 | 62.13 | 225.0 | 59.82 | 217.0 | 57.64 | 201.8 | 55.11 |
|        | 3                 | 2.2      | 262.2                     | 61.52 | 247.1 | 59.70 | 231.9 | 58.13 | 225.0 | 55.87 | 217.0 | 53.94 | 201.8 | 51.53 |
|        | 5                 | 4.1      | 262.2                     | 58.80 | 247.1 | 57.09 | 231.9 | 55.50 | 225.0 | 53.25 | 217.0 | 51.45 | 201.8 | 49.15 |
|        | 7                 | 6        | 262.2                     | 56.08 | 247.1 | 54.44 | 231.9 | 52.85 | 225.0 | 50.66 | 217.0 | 48.97 | 201.8 | 46.76 |
|        | 9                 | 7.9      | 262.2                     | 52.66 | 247.1 | 51.13 | 231.9 | 49.62 | 225.0 | 47.55 | 217.0 | 45.98 | 201.8 | 43.92 |
|        | 11                | 9.8      | 262.2                     | 48.86 | 247.1 | 47.45 | 231.9 | 46.06 | 225.0 | 44.13 | 217.0 | 42.68 | 201.8 | 40.76 |
|        | 13                | 11.8     | 262.2                     | 45.62 | 247.1 | 44.29 | 231.9 | 43.00 | 225.0 | 41.21 | 217.0 | 39.84 | 201.8 | 38.05 |
|        | 15                | 13.7     | 262.2                     | 42.94 | 247.1 | 41.68 | 231.9 | 40.45 | 225.0 | 38.78 | 217.0 | 37.50 | 201.8 | 35.80 |
| 70     | -30               | -30.2    | 108.1                     | 87.45 | 108.1 | 87.85 | 107.4 | 88.67 | 107.4 | 99.46 | 107.4 | 94.70 | 105.4 | 90.36 |
|        | -24.8             | -25      | 180.3                     | 89.36 | 180.3 | 89.76 | 179.1 | 90.57 | 179.1 | 91.78 | 179.1 | 87.48 | 172.8 | 82.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 209.5                     | 90.46 | 209.5 | 90.86 | 197.6 | 86.97 | 190.8 | 82.88 | 185.0 | 79.03 | 172.8 | 75.35 |
|        | -19.8             | -20      | 222.4                     | 88.53 | 209.8 | 86.88 | 197.6 | 84.01 | 190.8 | 80.09 | 185.0 | 76.44 | 172.8 | 72.81 |
|        | -18.8             | -19      | 222.4                     | 86.86 | 209.8 | 85.40 | 197.6 | 82.56 | 190.8 | 78.68 | 185.0 | 75.11 | 172.8 | 71.55 |
|        | -16.7             | -17      | 222.4                     | 83.71 | 209.8 | 82.19 | 197.6 | 79.49 | 190.8 | 75.74 | 185.0 | 72.39 | 172.8 | 68.88 |
|        | -15               | -15.9    | 222.4                     | 81.47 | 209.8 | 79.93 | 197.6 | 77.28 | 190.8 | 73.66 | 185.0 | 70.43 | 172.8 | 66.99 |
|        | -13.7             | -15      | 222.4                     | 79.23 | 209.8 | 77.66 | 197.6 | 75.09 | 190.8 | 71.59 | 185.0 | 68.46 | 172.8 | 65.10 |
|        | -11.8             | -13      | 222.4                     | 76.39 | 209.8 | 74.81 | 197.6 | 72.33 | 190.8 | 68.93 | 185.0 | 65.99 | 172.8 | 62.73 |
|        | -9.8              | -11      | 222.4                     | 73.43 | 209.8 | 71.77 | 197.6 | 69.42 | 190.8 | 66.18 | 185.0 | 63.42 | 172.8 | 60.21 |
|        | -9.5              | -10      | 222.4                     | 72.98 | 209.8 | 71.31 | 197.6 | 68.97 | 190.8 | 65.75 | 185.0 | 63.03 | 172.8 | 59.84 |
|        | -8.5              | -9.1     | 222.4                     | 71.51 | 209.8 | 69.83 | 197.6 | 67.52 | 190.8 | 64.35 | 185.0 | 61.70 | 172.8 | 58.58 |
|        | -7                | -7.6     | 222.4                     | 69.26 | 209.8 | 67.58 | 197.6 | 65.36 | 190.8 | 62.30 | 185.0 | 59.77 | 172.8 | 56.69 |
|        | -5                | -5.6     | 222.4                     | 66.36 | 209.8 | 64.63 | 197.6 | 62.47 | 190.8 | 59.59 | 185.0 | 57.24 | 172.8 | 54.25 |
|        | -3                | -3.7     | 222.4                     | 63.46 | 209.8 | 61.68 | 197.6 | 59.63 | 190.8 | 56.88 | 185.0 | 54.69 | 172.8 | 51.79 |
|        | 0                 | -0.7     | 222.4                     | 59.09 | 209.8 | 57.26 | 197.6 | 55.36 | 190.8 | 52.81 | 185.0 | 50.90 | 172.8 | 48.11 |
|        | 3                 | 2.2      | 222.4                     | 54.73 | 209.8 | 52.85 | 197.6 | 51.08 | 190.8 | 48.75 | 185.0 | 47.10 | 172.8 | 44.42 |
|        | 5                 | 4.1      | 222.4                     | 51.83 | 209.8 | 49.90 | 197.6 | 48.25 | 190.8 | 46.05 | 185.0 | 44.55 | 172.8 | 41.97 |
|        | 7                 | 6        | 222.4                     | 48.92 | 209.8 | 46.96 | 197.6 | 45.36 | 190.8 | 43.34 | 185.0 | 42.03 | 172.8 | 39.50 |
|        | 9                 | 7.9      | 222.4                     | 44.19 | 209.8 | 42.40 | 197.6 | 40.98 | 190.8 | 39.14 | 185.0 | 37.96 | 172.8 | 35.66 |
|        | 11                | 9.8      | 222.4                     | 41.14 | 209.8 | 39.47 | 197.6 | 38.16 | 190.8 | 36.44 | 185.0 | 35.34 | 172.8 | 33.20 |
|        | 13                | 11.8     | 222.4                     | 38.48 | 209.8 | 36.93 | 197.6 | 35.69 | 190.8 | 34.10 | 185.0 | 33.05 | 172.8 | 31.09 |
|        | 15                | 13.7     | 222.4                     | 36.29 | 209.8 | 34.82 | 197.6 | 33.66 | 190.8 | 32.12 | 185.0 | 31.16 | 172.8 | 29.30 |
| 60     | -30               | -30.2    | 107.3                     | 86.65 | 107.3 | 87.46 | 106.6 | 98.91 | 103.5 | 93.69 | 99.80 | 88.90 | 93.60 | 84.51 |
|        | -24.8             | -25      | 178.8                     | 88.57 | 178.8 | 89.37 | 169.4 | 86.39 | 163.6 | 81.53 | 157.9 | 77.39 | 148.0 | 73.49 |
|        | -21.8             | -22      | 190.8                     | 89.02 | 180.4 | 85.84 | 169.4 | 81.41 | 163.6 | 77.29 | 157.9 | 73.39 | 148.0 | 69.62 |
|        | -19.8             | -20      | 190.8                     | 85.76 | 180.4 | 82.65 | 169.4 | 78.40 | 163.6 | 74.45 | 157.9 | 70.73 | 148.0 | 67.06 |
|        | -18.8             | -19      | 190.8                     | 84.16 | 180.4 | 81.06 | 169.4 | 76.92 | 163.6 | 73.05 | 157.9 | 69.40 | 148.0 | 65.77 |
|        | -16.7             | -17      | 190.8                     | 80.79 | 180.4 | 77.72 | 169.4 | 73.75 | 163.6 | 70.09 | 157.9 | 66.63 | 148.0 | 63.08 |
|        | -15               | -15.9    | 190.8                     | 78.38 | 180.4 | 75.34 | 169.4 | 71.50 | 163.6 | 67.98 | 157.9 | 64.63 | 148.0 | 61.18 |
|        | -13.7             | -15      | 190.8                     | 75.99 | 180.4 | 72.99 | 169.4 | 69.28 | 163.6 | 65.88 | 157.9 | 62.67 | 148.0 | 59.27 |
|        | -11.8             | -13      | 190.8                     | 72.96 | 180.4 | 69.96 | 169.4 | 66.42 | 163.6 | 63.20 | 157.9 | 60.17 | 148.0 | 56.83 |
|        | -9.8              | -11      | 190.8                     | 69.78 | 180.4 | 66.80 | 169.4 | 63.45 | 163.6 | 60.42 | 157.9 | 57.52 | 148.0 | 54.30 |
|        | -9.5              | -10      | 190.8                     | 69.30 | 180.4 | 66.33 | 169.4 | 63.01 | 163.6 | 59.99 | 157.9 | 57.12 | 148.0 | 53.91 |
|        | -8.5              | -9.1     | 190.8                     | 67.72 | 180.4 | 64.75 | 169.4 | 61.53 | 163.6 | 58.60 | 157.9 | 55.81 | 148.0 | 52.63 |
|        | -7                | -7.6     | 190.8                     | 65.34 | 180.4 | 62.41 | 169.4 | 59.29 | 163.6 | 56.51 | 157.9 | 53.86 | 148.0 | 50.72 |
|        | -5                | -5.6     | 190.8                     | 62.19 | 180.4 | 59.29 | 169.4 | 56.37 | 163.6 | 53.78 | 157.9 | 51.27 | 148.0 | 48.25 |
|        | -3                | -3.7     | 190.8                     | 59.10 | 180.4 | 56.20 | 169.4 | 53.43 | 163.6 | 51.03 | 157.9 | 48.68 | 148.0 | 45.74 |
|        | 0                 | -0.7     | 190.8                     | 54.39 | 180.4 | 51.56 | 169.4 | 49.07 | 163.6 | 46.90 | 157.9 | 44.80 | 148.0 | 42.01 |
|        | 3                 | 2.2      | 190.8                     | 49.70 | 180.4 | 46.90 | 169.4 | 44.67 | 163.6 | 42.80 | 157.9 | 40.95 | 148.0 | 38.25 |
|        | 5                 | 4.1      | 190.8                     | 46.60 | 180.4 | 43.82 | 169.4 | 41.76 | 163.6 | 40.07 | 157.9 | 38.37 | 148.0 | 35.77 |
|        | 7                 | 6        | 190.8                     | 43.47 | 180.4 | 40.71 | 169.4 | 38.83 | 163.6 | 37.30 | 157.9 | 35.79 | 148.0 | 33.28 |
|        | 9                 | 7.9      | 190.8                     | 38.80 | 180.4 | 36.35 | 169.4 | 34.63 | 163.6 | 33.29 | 157.9 | 31.93 | 148.0 | 29.68 |
|        | 11                | 9.8      | 190.8                     | 36.19 | 180.4 | 33.93 | 169.4 | 32.34 | 163.6 | 31.08 | 157.9 | 29.82 | 148.0 | 27.72 |
| 50     | 13                | 11.8     | 190.8                     | 33.93 | 180.4 | 31.77 | 169.4 | 30.31 | 163.6 | 29.12 | 157.9 | 27.93 | 148.0 | 25.98 |
|        | 15                | 13.7     | 190.8                     | 32.06 | 180.4 | 30.03 | 169.4 | 28.62 | 163.6 | 27.51 | 157.9 | 26.39 | 148.0 | 24.56 |
|        | -30               | -30.2    | 100.6                     | 75.15 | 94.90 | 85.57 | 89.20 | 81.01 | 86.30 | 76.82 | 83.50 | 72.74 | 77.70 | 69.16 |
|        | -24.8             | -25      | 159.1                     | 73.13 | 150.1 | 74.27 | 141.1 | 70.39 | 136.6 | 66.76 | 132.0 | 63.34 | 122.8 | 60.13 |
| 50     | -21.8             | -22      | 159.1                     | 74.19 | 150.1 | 70.32 | 141.1 | 66.68 | 136.6 | 63.25 | 132.0 | 60.05 | 122.8 | 56.97 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 159.1                     | 71.43 | 150.1 | 67.66 | 141.1 | 64.20 | 136.6 | 60.89 | 132.0 | 57.86 | 122.8 | 54.85 |
|        | -18.8             | -19      | 159.1                     | 70.04 | 150.1 | 66.34 | 141.1 | 62.97 | 136.6 | 59.75 | 132.0 | 56.77 | 122.8 | 53.82 |
|        | -16.7             | -17      | 159.1                     | 67.16 | 150.1 | 63.58 | 141.1 | 60.41 | 136.6 | 57.28 | 132.0 | 54.50 | 122.8 | 51.61 |
|        | -15               | -15.9    | 159.1                     | 65.10 | 150.1 | 61.59 | 141.1 | 58.54 | 136.6 | 55.53 | 132.0 | 52.87 | 122.8 | 50.05 |
|        | -13.7             | -15      | 159.1                     | 63.04 | 150.1 | 59.64 | 141.1 | 56.69 | 136.6 | 53.80 | 132.0 | 51.24 | 122.8 | 48.48 |
|        | -11.8             | -13      | 159.1                     | 60.46 | 150.1 | 57.15 | 141.1 | 54.38 | 136.6 | 51.59 | 132.0 | 49.18 | 122.8 | 46.50 |
|        | -9.8              | -11      | 159.1                     | 57.73 | 150.1 | 54.53 | 141.1 | 51.92 | 136.6 | 49.24 | 132.0 | 47.00 | 122.8 | 44.40 |
|        | -9.5              | -10      | 159.1                     | 57.30 | 150.1 | 54.15 | 141.1 | 51.55 | 136.6 | 48.91 | 132.0 | 46.70 | 122.8 | 44.10 |
|        | -8.5              | -9.1     | 159.1                     | 55.94 | 150.1 | 52.84 | 141.1 | 50.33 | 136.6 | 47.75 | 132.0 | 45.61 | 122.8 | 43.05 |
|        | -7                | -7.6     | 159.1                     | 53.90 | 150.1 | 50.88 | 141.1 | 48.50 | 136.6 | 46.04 | 132.0 | 44.00 | 122.8 | 41.50 |
|        | -5                | -5.6     | 159.1                     | 51.20 | 150.1 | 48.31 | 141.1 | 46.11 | 136.6 | 43.76 | 132.0 | 41.88 | 122.8 | 39.45 |
|        | -3                | -3.7     | 159.1                     | 48.54 | 150.1 | 45.74 | 141.1 | 43.69 | 136.6 | 41.47 | 132.0 | 39.76 | 122.8 | 37.43 |
|        | 0                 | -0.7     | 159.1                     | 44.52 | 150.1 | 41.86 | 141.1 | 40.08 | 136.6 | 38.05 | 132.0 | 36.59 | 122.8 | 34.35 |
|        | 3                 | 2.2      | 159.1                     | 40.49 | 150.1 | 38.04 | 141.1 | 36.51 | 136.6 | 34.64 | 132.0 | 33.41 | 122.8 | 31.29 |
|        | 5                 | 4.1      | 159.1                     | 37.82 | 150.1 | 35.46 | 141.1 | 34.09 | 136.6 | 32.37 | 132.0 | 31.29 | 122.8 | 29.25 |
|        | 7                 | 6        | 159.1                     | 35.14 | 150.1 | 32.90 | 141.1 | 31.69 | 136.6 | 30.09 | 132.0 | 29.15 | 122.8 | 27.22 |
|        | 9                 | 7.9      | 159.1                     | 31.73 | 150.1 | 29.70 | 141.1 | 28.62 | 136.6 | 27.19 | 132.0 | 26.33 | 122.8 | 24.57 |
|        | 11                | 9.8      | 159.1                     | 29.68 | 150.1 | 27.79 | 141.1 | 26.76 | 136.6 | 25.43 | 132.0 | 24.63 | 122.8 | 22.99 |
|        | 13                | 11.8     | 159.1                     | 27.87 | 150.1 | 26.10 | 141.1 | 25.13 | 136.6 | 23.89 | 132.0 | 23.14 | 122.8 | 21.60 |
|        | 15                | 13.7     | 159.1                     | 26.37 | 150.1 | 24.67 | 141.1 | 23.80 | 136.6 | 22.58 | 132.0 | 21.90 | 122.8 | 20.43 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM920LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 113.4                     | 102.5 | 113.4 | 103.1 | 112.6 | 103.6 | 112.6 | 104.4 | 112.6 | 105.2 | 110.6 | 106.4 |
|        | -24.8             | -25      | 189.0                     | 104.2 | 189.0 | 104.8 | 187.8 | 105.3 | 187.8 | 106.1 | 187.8 | 106.9 | 184.2 | 108.1 |
|        | -21.8             | -22      | 231.4                     | 105.2 | 231.4 | 105.8 | 230.0 | 106.3 | 230.0 | 107.2 | 230.0 | 107.9 | 225.4 | 109.1 |
|        | -19.8             | -20      | 245.0                     | 105.9 | 245.0 | 106.5 | 243.0 | 107.0 | 243.0 | 107.8 | 243.0 | 108.6 | 238.8 | 109.8 |
|        | -18.8             | -19      | 250.4                     | 106.2 | 250.4 | 106.8 | 248.6 | 107.4 | 248.6 | 108.2 | 248.6 | 108.9 | 244.0 | 110.2 |
|        | -16.7             | -17      | 261.8                     | 106.9 | 261.8 | 107.5 | 259.8 | 108.1 | 259.8 | 108.9 | 259.8 | 109.7 | 255.2 | 110.9 |
|        | -15               | -15.9    | 269.8                     | 107.4 | 269.8 | 108.1 | 268.0 | 108.6 | 268.0 | 109.4 | 268.0 | 110.2 | 262.8 | 108.8 |
|        | -13.7             | -15      | 278.0                     | 108.0 | 278.0 | 108.6 | 276.0 | 109.1 | 276.0 | 109.9 | 276.0 | 110.7 | 270.8 | 106.7 |
|        | -11.8             | -13      | 287.0                     | 108.6 | 287.0 | 109.2 | 285.2 | 109.7 | 285.2 | 110.6 | 285.2 | 107.9 | 281.0 | 104.0 |
|        | -9.8              | -11      | 296.6                     | 109.3 | 296.6 | 109.9 | 294.6 | 110.4 | 294.6 | 107.6 | 294.6 | 104.9 | 291.4 | 101.2 |
|        | -9.5              | -10      | 298.2                     | 109.4 | 298.2 | 110.0 | 296.4 | 110.0 | 296.4 | 107.2 | 296.2 | 104.5 | 293.0 | 100.8 |
|        | -8.5              | -9.1     | 304.0                     | 109.7 | 304.0 | 110.3 | 302.2 | 108.5 | 302.2 | 105.6 | 301.0 | 103.0 | 298.2 | 99.40 |
|        | -7                | -7.6     | 312.6                     | 110.2 | 312.6 | 108.2 | 310.6 | 106.2 | 310.6 | 103.4 | 310.6 | 100.8 | 306.2 | 97.30 |
|        | -5                | -5.6     | 324.0                     | 107.6 | 324.0 | 105.4 | 321.8 | 103.3 | 321.8 | 100.6 | 321.8 | 97.96 | 316.6 | 94.62 |
|        | -3                | -3.7     | 335.6                     | 104.9 | 335.6 | 102.6 | 333.2 | 100.4 | 333.2 | 97.72 | 333.2 | 95.14 | 326.8 | 91.82 |
|        | 0                 | -0.7     | 352.8                     | 100.9 | 352.8 | 98.40 | 350.4 | 96.12 | 350.4 | 93.48 | 350.4 | 90.92 | 327.0 | 83.82 |
|        | 3                 | 2.2      | 370.0                     | 96.92 | 370.0 | 94.16 | 367.6 | 91.78 | 364.2 | 88.38 | 351.2 | 82.82 | 327.0 | 79.64 |
|        | 5                 | 4.1      | 374.4                     | 92.54 | 374.4 | 89.76 | 373.2 | 87.54 | 364.2 | 82.98 | 351.2 | 79.54 | 327.0 | 77.10 |
|        | 7                 | 6        | 374.4                     | 87.30 | 374.4 | 84.48 | 373.2 | 82.30 | 364.2 | 79.22 | 351.2 | 76.86 | 327.0 | 74.56 |
|        | 9                 | 7.9      | 374.4                     | 84.76 | 374.4 | 82.02 | 373.2 | 79.64 | 364.2 | 77.32 | 351.2 | 75.04 | 327.0 | 72.78 |
| 120    | 11                | 9.8      | 374.4                     | 83.42 | 374.4 | 80.76 | 373.2 | 78.42 | 364.2 | 76.10 | 351.2 | 73.86 | 327.0 | 71.64 |
|        | 13                | 11.8     | 374.4                     | 82.02 | 374.4 | 79.34 | 373.2 | 77.06 | 364.2 | 74.80 | 351.2 | 72.58 | 327.0 | 70.40 |
|        | 15                | 13.7     | 374.4                     | 80.46 | 374.4 | 77.86 | 373.2 | 75.60 | 364.2 | 73.40 | 351.2 | 71.20 | 327.0 | 69.06 |
|        | -30               | -30.2    | 112.6                     | 103.1 | 112.6 | 103.6 | 112.0 | 104.4 | 112.0 | 105.2 | 112.0 | 106.4 | 109.8 | 107.2 |
|        | -24.8             | -25      | 187.6                     | 104.8 | 187.6 | 105.3 | 186.6 | 106.1 | 186.6 | 106.9 | 186.6 | 108.1 | 183.0 | 109.0 |
|        | -21.8             | -22      | 229.8                     | 105.8 | 229.8 | 106.3 | 228.4 | 107.2 | 228.4 | 107.9 | 228.4 | 109.1 | 224.0 | 110.0 |
|        | -19.8             | -20      | 243.0                     | 106.5 | 243.0 | 107.0 | 241.4 | 107.8 | 241.4 | 108.6 | 241.4 | 109.8 | 237.0 | 110.7 |
|        | -18.8             | -19      | 248.4                     | 106.8 | 248.4 | 107.4 | 246.8 | 108.2 | 246.8 | 108.9 | 246.8 | 110.2 | 242.2 | 111.0 |
|        | -16.7             | -17      | 259.6                     | 107.5 | 259.6 | 108.1 | 258.0 | 108.9 | 258.0 | 109.7 | 258.0 | 110.9 | 253.2 | 108.3 |
|        | -15               | -15.9    | 267.8                     | 108.1 | 267.8 | 108.6 | 266.0 | 109.4 | 266.0 | 110.2 | 266.0 | 108.8 | 261.0 | 106.3 |
|        | -13.7             | -15      | 275.8                     | 108.6 | 275.8 | 109.1 | 274.2 | 109.9 | 274.2 | 110.7 | 274.2 | 106.9 | 268.8 | 104.4 |
|        | -11.8             | -13      | 284.8                     | 109.2 | 284.8 | 109.7 | 283.0 | 110.6 | 283.0 | 107.9 | 283.0 | 104.3 | 279.0 | 102.0 |
|        | -9.8              | -11      | 294.4                     | 109.9 | 294.4 | 110.4 | 292.6 | 107.5 | 292.6 | 104.9 | 292.6 | 101.6 | 289.6 | 99.38 |
|        | -9.5              | -10      | 296.2                     | 110.0 | 296.2 | 109.9 | 294.4 | 107.0 | 294.4 | 104.4 | 294.4 | 101.2 | 291.0 | 98.98 |
|        | -8.5              | -9.1     | 302.0                     | 110.3 | 302.0 | 108.3 | 299.6 | 105.5 | 299.6 | 103.0 | 299.6 | 99.88 | 296.2 | 97.70 |
|        | -7                | -7.6     | 310.4                     | 107.9 | 310.4 | 105.9 | 308.4 | 103.1 | 308.4 | 100.7 | 308.4 | 97.88 | 304.0 | 95.78 |
|        | -5                | -5.6     | 321.8                     | 104.8 | 321.8 | 102.7 | 319.8 | 100.2 | 319.8 | 97.86 | 319.8 | 95.32 | 307.2 | 91.18 |
|        | -3                | -3.7     | 333.0                     | 101.8 | 333.0 | 99.64 | 331.0 | 97.18 | 331.0 | 95.02 | 330.6 | 92.70 | 307.2 | 86.16 |
|        | 0                 | -0.7     | 350.2                     | 97.14 | 350.2 | 94.94 | 347.8 | 92.74 | 341.2 | 89.02 | 330.6 | 84.54 | 307.2 | 82.68 |
| 110    | 3                 | 2.2      | 367.2                     | 92.52 | 367.2 | 90.26 | 353.0 | 85.38 | 341.2 | 82.02 | 330.6 | 80.72 | 307.2 | 79.18 |
|        | 5                 | 4.1      | 371.4                     | 87.74 | 367.6 | 84.58 | 353.0 | 80.94 | 341.2 | 79.30 | 330.6 | 78.30 | 307.2 | 76.86 |
|        | 7                 | 6        | 371.4                     | 82.20 | 367.6 | 79.68 | 353.0 | 78.10 | 341.2 | 76.60 | 330.6 | 75.90 | 307.2 | 74.52 |
|        | 9                 | 7.9      | 371.4                     | 79.72 | 367.6 | 77.56 | 353.0 | 76.04 | 341.2 | 74.60 | 330.6 | 73.90 | 307.2 | 72.56 |
|        | 11                | 9.8      | 371.4                     | 78.26 | 367.6 | 76.14 | 353.0 | 74.64 | 341.2 | 73.24 | 330.6 | 72.52 | 307.2 | 71.22 |
|        | 13                | 11.8     | 371.4                     | 76.68 | 367.6 | 74.60 | 353.0 | 73.14 | 341.2 | 71.74 | 330.6 | 71.06 | 307.2 | 69.80 |
|        | 15                | 13.7     | 371.4                     | 75.00 | 367.6 | 72.94 | 353.0 | 71.54 | 341.2 | 70.16 | 330.6 | 69.48 | 307.2 | 68.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 112.2                     | 103.6 | 112.2 | 104.4 | 111.4 | 105.2 | 111.4 | 106.4 | 111.4 | 107.2 | 109.2 | 107.7 |
|        | -24.8             | -25      | 186.8                     | 105.3 | 186.8 | 106.1 | 185.4 | 106.9 | 185.4 | 108.1 | 185.4 | 109.0 | 181.8 | 109.4 |
|        | -21.8             | -22      | 228.6                     | 106.3 | 228.6 | 107.2 | 226.8 | 107.9 | 226.8 | 109.1 | 226.8 | 110.0 | 222.8 | 110.4 |
|        | -19.8             | -20      | 241.8                     | 107.0 | 241.8 | 107.8 | 240.4 | 108.6 | 240.4 | 109.8 | 240.4 | 110.7 | 235.6 | 111.1 |
|        | -18.8             | -19      | 247.2                     | 107.4 | 247.2 | 108.2 | 245.6 | 108.9 | 245.6 | 110.2 | 245.6 | 111.0 | 241.0 | 109.6 |
|        | -16.7             | -17      | 258.4                     | 108.1 | 258.4 | 108.9 | 256.8 | 109.7 | 256.8 | 110.9 | 256.8 | 108.1 | 251.8 | 106.6 |
|        | -15               | -15.9    | 266.4                     | 108.6 | 266.4 | 109.4 | 264.8 | 110.2 | 264.8 | 108.6 | 264.8 | 106.0 | 262.2 | 104.4 |
|        | -13.7             | -15      | 274.2                     | 109.1 | 274.2 | 109.9 | 272.8 | 110.7 | 272.8 | 106.5 | 272.8 | 103.9 | 272.8 | 102.3 |
|        | -11.8             | -13      | 283.2                     | 109.7 | 283.2 | 110.6 | 281.6 | 107.6 | 281.6 | 103.6 | 281.6 | 101.2 | 276.4 | 97.70 |
|        | -9.8              | -11      | 292.6                     | 110.4 | 292.6 | 107.1 | 291.0 | 104.3 | 291.0 | 100.7 | 291.0 | 98.40 | 276.4 | 92.36 |
|        | -9.5              | -10      | 294.4                     | 109.9 | 294.4 | 106.5 | 292.6 | 103.8 | 292.6 | 100.2 | 292.6 | 97.98 | 276.4 | 91.30 |
|        | -8.5              | -9.1     | 300.0                     | 108.0 | 300.0 | 104.8 | 298.4 | 102.2 | 298.4 | 98.76 | 296.0 | 95.78 | 276.4 | 89.94 |
|        | -7                | -7.6     | 308.6                     | 105.2 | 308.6 | 102.2 | 306.8 | 99.72 | 306.4 | 96.46 | 296.0 | 91.18 | 276.4 | 87.92 |
|        | -5                | -5.6     | 320.0                     | 101.6 | 320.0 | 98.78 | 316.8 | 96.28 | 306.4 | 90.40 | 296.0 | 87.10 | 276.4 | 85.30 |
|        | -3                | -3.7     | 331.4                     | 97.92 | 331.4 | 95.44 | 316.8 | 89.88 | 306.4 | 86.20 | 296.0 | 84.54 | 276.4 | 82.68 |
|        | 0                 | -0.7     | 348.2                     | 92.48 | 337.6 | 87.62 | 316.8 | 84.16 | 306.4 | 82.20 | 296.0 | 80.76 | 276.4 | 78.78 |
|        | 3                 | 2.2      | 357.2                     | 85.12 | 337.6 | 80.94 | 316.8 | 79.68 | 306.4 | 78.18 | 296.0 | 76.94 | 276.4 | 74.84 |
|        | 5                 | 4.1      | 357.2                     | 79.14 | 337.6 | 77.74 | 316.8 | 76.70 | 306.4 | 75.48 | 296.0 | 74.40 | 276.4 | 72.26 |
|        | 7                 | 6        | 357.2                     | 75.68 | 337.6 | 74.56 | 316.8 | 73.72 | 306.4 | 72.82 | 296.0 | 71.90 | 276.4 | 69.64 |
|        | 9                 | 7.9      | 357.2                     | 73.36 | 337.6 | 72.24 | 316.8 | 71.44 | 306.4 | 70.56 | 296.0 | 69.64 | 276.4 | 67.52 |
|        | 11                | 9.8      | 357.2                     | 71.66 | 337.6 | 70.58 | 316.8 | 69.78 | 306.4 | 68.94 | 296.0 | 68.02 | 276.4 | 65.94 |
|        | 13                | 11.8     | 357.2                     | 69.82 | 337.6 | 68.78 | 316.8 | 67.98 | 306.4 | 67.16 | 296.0 | 66.32 | 276.4 | 64.28 |
|        | 15                | 13.7     | 357.2                     | 67.86 | 337.6 | 66.86 | 316.8 | 66.10 | 306.4 | 65.28 | 296.0 | 64.46 | 276.4 | 62.46 |
| 100    | -30               | -30.2    | 111.4                     | 118.1 | 111.4 | 117.5 | 110.8 | 101.6 | 110.8 | 116.0 | 110.8 | 112.7 | 108.6 | 115.0 |
|        | -24.8             | -25      | 185.8                     | 116.1 | 185.8 | 115.5 | 184.6 | 107.2 | 184.6 | 114.0 | 184.6 | 113.3 | 181.0 | 113.0 |
|        | -21.8             | -22      | 227.2                     | 115.0 | 227.2 | 114.4 | 226.0 | 110.4 | 226.0 | 112.8 | 226.0 | 113.7 | 221.6 | 111.9 |
|        | -19.8             | -20      | 240.8                     | 114.2 | 240.8 | 113.6 | 239.4 | 112.3 | 239.4 | 112.1 | 239.4 | 111.9 | 234.8 | 111.1 |
|        | -18.8             | -19      | 246.0                     | 113.9 | 244.6 | 113.2 | 244.6 | 112.6 | 244.6 | 111.7 | 244.6 | 111.0 | 239.8 | 109.3 |
|        | -16.7             | -17      | 255.8                     | 113.1 | 255.8 | 112.4 | 255.8 | 113.3 | 254.2 | 110.9 | 254.2 | 107.4 | 249.4 | 105.6 |
|        | -15               | -15.9    | 264.4                     | 112.5 | 264.4 | 111.8 | 263.4 | 112.0 | 262.8 | 108.2 | 262.8 | 104.8 | 252.6 | 100.8 |
|        | -13.7             | -15      | 273.0                     | 111.9 | 273.0 | 111.3 | 271.4 | 110.7 | 271.4 | 105.6 | 271.2 | 102.1 | 252.6 | 95.10 |
|        | -11.8             | -13      | 281.8                     | 111.2 | 280.4 | 110.6 | 280.4 | 107.2 | 280.4 | 102.3 | 271.2 | 95.64 | 252.6 | 91.96 |
|        | -9.8              | -11      | 291.2                     | 110.4 | 291.2 | 106.7 | 289.8 | 103.5 | 280.4 | 95.62 | 271.2 | 90.52 | 252.6 | 88.62 |
|        | -9.5              | -10      | 292.6                     | 109.8 | 292.6 | 106.1 | 289.8 | 102.4 | 280.4 | 94.58 | 271.2 | 90.02 | 252.6 | 88.10 |
|        | -8.5              | -9.1     | 298.4                     | 107.8 | 298.4 | 104.1 | 289.8 | 98.58 | 280.4 | 91.58 | 271.2 | 88.38 | 252.6 | 86.44 |
|        | -7                | -7.6     | 312.2                     | 104.8 | 308.2 | 100.4 | 289.8 | 93.28 | 280.4 | 89.10 | 271.2 | 85.94 | 252.6 | 83.96 |
|        | -5                | -5.6     | 325.6                     | 100.8 | 308.2 | 93.16 | 289.8 | 89.94 | 280.4 | 85.88 | 271.2 | 82.80 | 252.6 | 80.72 |
|        | -3                | -3.7     | 326.8                     | 94.54 | 308.2 | 88.84 | 289.8 | 86.58 | 280.4 | 82.68 | 271.2 | 79.64 | 252.6 | 77.50 |
|        | 0                 | -0.7     | 326.8                     | 86.30 | 308.2 | 83.48 | 289.8 | 81.52 | 280.4 | 77.90 | 271.2 | 74.88 | 252.6 | 72.68 |
|        | 3                 | 2.2      | 326.8                     | 80.72 | 308.2 | 78.12 | 289.8 | 76.48 | 280.4 | 73.10 | 271.2 | 70.16 | 252.6 | 67.82 |
|        | 5                 | 4.1      | 326.8                     | 77.02 | 308.2 | 74.56 | 289.8 | 73.10 | 280.4 | 69.92 | 271.2 | 67.00 | 252.6 | 64.62 |
|        | 7                 | 6        | 326.8                     | 73.28 | 308.2 | 70.96 | 289.8 | 69.74 | 280.4 | 66.72 | 271.2 | 63.84 | 252.6 | 61.38 |
|        | 9                 | 7.9      | 326.8                     | 70.70 | 308.2 | 68.48 | 289.8 | 67.28 | 280.4 | 64.38 | 271.2 | 61.60 | 252.6 | 59.24 |
|        | 11                | 9.8      | 326.8                     | 68.74 | 308.2 | 66.58 | 289.8 | 65.42 | 280.4 | 62.58 | 271.2 | 59.88 | 252.6 | 57.58 |
|        | 13                | 11.8     | 326.8                     | 66.66 | 308.2 | 64.54 | 289.8 | 63.42 | 280.4 | 60.68 | 271.2 | 58.06 | 252.6 | 55.82 |
|        | 15                | 13.7     | 326.8                     | 64.42 | 308.2 | 62.40 | 289.8 | 61.32 | 280.4 | 58.66 | 271.2 | 56.14 | 252.6 | 53.96 |
| 90     | -30               | -30.2    | 111.0                     | 101.9 | 111.0 | 103.0 | 110.4 | 103.9 | 110.4 | 104.3 | 110.4 | 105.1 | 108.4 | 116.5 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 185.0                     | 103.6 | 185.0 | 104.8 | 184.0 | 105.7 | 184.0 | 106.1 | 184.0 | 106.9 | 180.6 | 108.2 |
|        | -21.8             | -22      | 226.4                     | 104.6 | 226.4 | 105.9 | 225.2 | 106.7 | 225.2 | 107.1 | 225.2 | 107.9 | 220.8 | 103.4 |
|        | -19.8             | -20      | 239.8                     | 105.3 | 239.8 | 106.6 | 238.4 | 107.4 | 238.4 | 107.8 | 238.4 | 104.7 | 230.8 | 98.96 |
|        | -18.8             | -19      | 246.0                     | 105.7 | 244.6 | 106.9 | 243.4 | 107.8 | 243.4 | 106.2 | 243.4 | 103.1 | 230.8 | 95.32 |
|        | -16.7             | -17      | 255.8                     | 106.4 | 255.8 | 107.6 | 254.6 | 104.3 | 254.6 | 102.7 | 248.8 | 97.40 | 230.8 | 90.40 |
|        | -15               | -15.9    | 264.4                     | 106.9 | 264.4 | 105.1 | 262.4 | 101.9 | 256.8 | 98.02 | 248.8 | 93.62 | 230.8 | 88.14 |
|        | -13.7             | -15      | 273.0                     | 107.4 | 273.0 | 102.5 | 265.2 | 97.50 | 256.8 | 92.82 | 248.8 | 89.96 | 230.8 | 85.94 |
|        | -11.8             | -13      | 281.8                     | 104.0 | 280.4 | 99.32 | 265.2 | 91.44 | 256.8 | 89.68 | 248.8 | 87.10 | 230.8 | 83.08 |
|        | -9.8              | -11      | 291.2                     | 100.3 | 281.6 | 92.80 | 265.2 | 88.28 | 256.8 | 86.56 | 248.8 | 84.04 | 230.8 | 80.12 |
|        | -9.5              | -10      | 292.6                     | 99.78 | 281.6 | 91.86 | 265.2 | 87.84 | 256.8 | 86.08 | 248.8 | 83.56 | 230.8 | 79.66 |
|        | -8.5              | -9.1     | 298.4                     | 97.96 | 281.6 | 89.04 | 265.2 | 86.28 | 256.8 | 84.52 | 248.8 | 82.08 | 230.8 | 78.20 |
|        | -7                | -7.6     | 299.2                     | 91.32 | 281.6 | 86.56 | 265.2 | 84.00 | 256.8 | 82.18 | 248.8 | 79.80 | 230.8 | 75.96 |
|        | -5                | -5.6     | 299.2                     | 87.02 | 281.6 | 83.48 | 265.2 | 81.02 | 256.8 | 79.18 | 248.8 | 76.88 | 230.8 | 73.12 |
|        | -3                | -3.7     | 299.2                     | 83.68 | 281.6 | 80.40 | 265.2 | 78.08 | 256.8 | 76.16 | 248.8 | 73.92 | 230.8 | 70.24 |
|        | 0                 | -0.7     | 299.2                     | 78.72 | 281.6 | 75.78 | 265.2 | 73.62 | 256.8 | 71.64 | 248.8 | 69.52 | 230.8 | 65.96 |
|        | 3                 | 2.2      | 299.2                     | 73.72 | 281.6 | 71.16 | 265.2 | 69.18 | 256.8 | 67.14 | 248.8 | 65.14 | 230.8 | 61.62 |
|        | 5                 | 4.1      | 299.2                     | 70.40 | 281.6 | 68.08 | 265.2 | 66.20 | 256.8 | 64.12 | 248.8 | 62.20 | 230.8 | 58.76 |
|        | 7                 | 6        | 299.2                     | 67.06 | 281.6 | 65.00 | 265.2 | 63.26 | 256.8 | 61.10 | 248.8 | 59.30 | 230.8 | 55.88 |
|        | 9                 | 7.9      | 299.2                     | 63.92 | 281.6 | 61.94 | 265.2 | 60.28 | 256.8 | 58.24 | 248.8 | 56.50 | 230.8 | 53.30 |
|        | 11                | 9.8      | 299.2                     | 60.78 | 281.6 | 58.92 | 265.2 | 57.32 | 256.8 | 55.36 | 248.8 | 53.72 | 230.8 | 50.66 |
|        | 13                | 11.8     | 299.2                     | 57.66 | 281.6 | 55.86 | 265.2 | 54.38 | 256.8 | 52.52 | 248.8 | 50.94 | 230.8 | 48.06 |
|        | 15                | 13.7     | 299.2                     | 54.52 | 281.6 | 52.82 | 265.2 | 51.40 | 256.8 | 49.64 | 248.8 | 48.18 | 230.8 | 45.42 |
| 80     | -30               | -30.2    | 110.6                     | 89.62 | 110.6 | 90.94 | 109.8 | 91.82 | 109.8 | 90.76 | 109.8 | 103.4 | 107.8 | 99.10 |
|        | -24.8             | -25      | 184.4                     | 91.50 | 184.4 | 92.74 | 183.2 | 93.60 | 183.2 | 94.02 | 183.2 | 96.04 | 179.8 | 92.02 |
|        | -21.8             | -22      | 224.2                     | 92.58 | 224.2 | 93.78 | 224.2 | 94.64 | 224.2 | 95.86 | 221.8 | 90.88 | 206.2 | 83.44 |
|        | -19.8             | -20      | 237.4                     | 93.26 | 237.4 | 94.48 | 236.8 | 95.54 | 230.0 | 90.06 | 221.8 | 84.46 | 206.2 | 80.86 |
|        | -18.8             | -19      | 242.4                     | 93.62 | 242.4 | 95.70 | 237.0 | 92.14 | 230.0 | 86.80 | 221.8 | 83.12 | 206.2 | 79.62 |
|        | -16.7             | -17      | 250.0                     | 95.56 | 250.0 | 92.58 | 237.0 | 86.44 | 230.0 | 83.80 | 221.8 | 80.36 | 206.2 | 76.96 |
|        | -15               | -15.9    | 255.8                     | 93.26 | 252.6 | 90.22 | 237.0 | 84.30 | 230.0 | 81.70 | 221.8 | 78.36 | 206.2 | 75.04 |
|        | -13.7             | -15      | 261.4                     | 90.98 | 252.6 | 86.96 | 237.0 | 82.22 | 230.0 | 79.62 | 221.8 | 76.40 | 206.2 | 73.14 |
|        | -11.8             | -13      | 267.8                     | 88.08 | 252.6 | 82.96 | 237.0 | 79.54 | 230.0 | 77.00 | 221.8 | 73.92 | 206.2 | 70.74 |
|        | -9.8              | -11      | 268.0                     | 82.88 | 252.6 | 78.96 | 237.0 | 76.74 | 230.0 | 74.22 | 221.8 | 71.28 | 206.2 | 68.22 |
|        | -9.5              | -10      | 268.0                     | 81.84 | 252.6 | 78.08 | 237.0 | 76.32 | 230.0 | 73.80 | 221.8 | 70.88 | 206.2 | 67.86 |
|        | -8.5              | -9.1     | 268.0                     | 79.58 | 252.6 | 76.38 | 237.0 | 74.92 | 230.0 | 72.44 | 221.8 | 69.62 | 206.2 | 66.62 |
|        | -7                | -7.6     | 268.0                     | 76.66 | 252.6 | 74.28 | 237.0 | 72.84 | 230.0 | 70.36 | 221.8 | 67.66 | 206.2 | 64.72 |
|        | -5                | -5.6     | 268.0                     | 73.88 | 252.6 | 71.64 | 237.0 | 70.12 | 230.0 | 67.70 | 221.8 | 65.12 | 206.2 | 62.28 |
|        | -3                | -3.7     | 268.0                     | 71.10 | 252.6 | 68.94 | 237.0 | 67.40 | 230.0 | 65.04 | 221.8 | 62.60 | 206.2 | 59.86 |
|        | 0                 | -0.7     | 268.0                     | 66.92 | 252.6 | 64.94 | 237.0 | 63.38 | 230.0 | 61.02 | 221.8 | 58.80 | 206.2 | 56.22 |
|        | 3                 | 2.2      | 268.0                     | 62.76 | 252.6 | 60.90 | 237.0 | 59.30 | 230.0 | 57.00 | 221.8 | 55.02 | 206.2 | 52.56 |
|        | 5                 | 4.1      | 268.0                     | 59.98 | 252.6 | 58.24 | 237.0 | 56.62 | 230.0 | 54.32 | 221.8 | 52.48 | 206.2 | 50.14 |
|        | 7                 | 6        | 268.0                     | 57.22 | 252.6 | 55.54 | 237.0 | 53.92 | 230.0 | 51.68 | 221.8 | 49.96 | 206.2 | 47.70 |
|        | 9                 | 7.9      | 268.0                     | 53.72 | 252.6 | 52.16 | 237.0 | 50.62 | 230.0 | 48.50 | 221.8 | 46.90 | 206.2 | 44.80 |
|        | 11                | 9.8      | 268.0                     | 49.84 | 252.6 | 48.40 | 237.0 | 46.98 | 230.0 | 45.02 | 221.8 | 43.54 | 206.2 | 41.58 |
|        | 13                | 11.8     | 268.0                     | 46.54 | 252.6 | 45.18 | 237.0 | 43.86 | 230.0 | 42.04 | 221.8 | 40.64 | 206.2 | 38.82 |
|        | 15                | 13.7     | 268.0                     | 43.80 | 252.6 | 42.52 | 237.0 | 41.26 | 230.0 | 39.56 | 221.8 | 38.26 | 206.2 | 36.52 |
| 70     | -30               | -30.2    | 110.6                     | 89.64 | 110.6 | 90.00 | 109.8 | 90.86 | 109.8 | 101.9 | 109.8 | 97.04 | 107.8 | 92.58 |
|        | -24.8             | -25      | 184.4                     | 91.48 | 184.4 | 91.88 | 183.2 | 92.70 | 183.2 | 93.94 | 183.2 | 89.54 | 176.6 | 83.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 214.2                     | 92.54 | 214.2 | 92.96 | 202.0 | 88.94 | 195.0 | 84.76 | 189.2 | 80.82 | 176.6 | 77.06 |
|        | -19.8             | -20      | 227.4                     | 90.58 | 214.4 | 88.82 | 202.0 | 85.88 | 195.0 | 81.88 | 189.2 | 78.14 | 176.6 | 74.44 |
|        | -18.8             | -19      | 227.4                     | 88.78 | 214.4 | 87.28 | 202.0 | 84.38 | 195.0 | 80.42 | 189.2 | 76.78 | 176.6 | 73.14 |
|        | -16.7             | -17      | 227.4                     | 85.52 | 214.4 | 83.98 | 202.0 | 81.22 | 195.0 | 77.38 | 189.2 | 73.96 | 176.6 | 70.38 |
|        | -15               | -15.9    | 227.4                     | 83.20 | 214.4 | 81.64 | 202.0 | 78.94 | 195.0 | 75.24 | 189.2 | 71.94 | 176.6 | 68.42 |
|        | -13.7             | -15      | 227.4                     | 80.90 | 214.4 | 79.30 | 202.0 | 76.68 | 195.0 | 73.10 | 189.2 | 69.90 | 176.6 | 66.48 |
|        | -11.8             | -13      | 227.4                     | 77.98 | 214.4 | 76.36 | 202.0 | 73.84 | 195.0 | 70.36 | 189.2 | 67.36 | 176.6 | 64.04 |
|        | -9.8              | -11      | 227.4                     | 74.92 | 214.4 | 73.24 | 202.0 | 70.84 | 195.0 | 67.54 | 189.2 | 64.72 | 176.6 | 61.44 |
|        | -9.5              | -10      | 227.4                     | 74.46 | 214.4 | 72.76 | 202.0 | 70.38 | 195.0 | 67.10 | 189.2 | 64.32 | 176.6 | 61.06 |
|        | -8.5              | -9.1     | 227.4                     | 72.96 | 214.4 | 71.24 | 202.0 | 68.88 | 195.0 | 65.64 | 189.2 | 62.94 | 176.6 | 59.76 |
|        | -7                | -7.6     | 227.4                     | 70.64 | 214.4 | 68.92 | 202.0 | 66.66 | 195.0 | 63.54 | 189.2 | 60.96 | 176.6 | 57.82 |
|        | -5                | -5.6     | 227.4                     | 67.68 | 214.4 | 65.92 | 202.0 | 63.72 | 195.0 | 60.78 | 189.2 | 58.38 | 176.6 | 55.32 |
|        | -3                | -3.7     | 227.4                     | 64.72 | 214.4 | 62.90 | 202.0 | 60.82 | 195.0 | 58.02 | 189.2 | 55.78 | 176.6 | 52.82 |
|        | 0                 | -0.7     | 227.4                     | 60.26 | 214.4 | 58.40 | 202.0 | 56.46 | 195.0 | 53.86 | 189.2 | 51.92 | 176.6 | 49.06 |
|        | 3                 | 2.2      | 227.4                     | 55.82 | 214.4 | 53.90 | 202.0 | 52.10 | 195.0 | 49.72 | 189.2 | 48.04 | 176.6 | 45.30 |
|        | 5                 | 4.1      | 227.4                     | 52.86 | 214.4 | 50.90 | 202.0 | 49.20 | 195.0 | 46.96 | 189.2 | 45.44 | 176.6 | 42.80 |
|        | 7                 | 6        | 227.4                     | 49.90 | 214.4 | 47.90 | 202.0 | 46.26 | 195.0 | 44.20 | 189.2 | 42.86 | 176.6 | 40.28 |
|        | 9                 | 7.9      | 227.4                     | 45.06 | 214.4 | 43.24 | 202.0 | 41.80 | 195.0 | 39.92 | 189.2 | 38.72 | 176.6 | 36.36 |
|        | 11                | 9.8      | 227.4                     | 41.96 | 214.4 | 40.26 | 202.0 | 38.92 | 195.0 | 37.16 | 189.2 | 36.04 | 176.6 | 33.86 |
|        | 13                | 11.8     | 227.4                     | 39.24 | 214.4 | 37.66 | 202.0 | 36.40 | 195.0 | 34.78 | 189.2 | 33.70 | 176.6 | 31.70 |
|        | 15                | 13.7     | 227.4                     | 37.00 | 214.4 | 35.52 | 202.0 | 34.32 | 195.0 | 32.76 | 189.2 | 31.78 | 176.6 | 29.88 |
| 60     | -30               | -30.2    | 109.6                     | 88.80 | 109.6 | 89.64 | 109.0 | 101.3 | 105.8 | 95.98 | 102.0 | 91.10 | 95.60 | 86.56 |
|        | -24.8             | -25      | 182.8                     | 90.66 | 182.8 | 91.48 | 173.2 | 88.38 | 167.2 | 83.42 | 161.4 | 79.18 | 151.2 | 75.18 |
|        | -21.8             | -22      | 195.0                     | 91.04 | 184.4 | 87.78 | 173.2 | 83.24 | 167.2 | 79.04 | 161.4 | 75.04 | 151.2 | 71.18 |
|        | -19.8             | -20      | 195.0                     | 87.66 | 184.4 | 84.48 | 173.2 | 80.14 | 167.2 | 76.10 | 161.4 | 72.30 | 151.2 | 68.54 |
|        | -18.8             | -19      | 195.0                     | 86.02 | 184.4 | 82.84 | 173.2 | 78.60 | 167.2 | 74.64 | 161.4 | 70.92 | 151.2 | 67.22 |
|        | -16.7             | -17      | 195.0                     | 82.54 | 184.4 | 79.40 | 173.2 | 75.34 | 167.2 | 71.60 | 161.4 | 68.06 | 151.2 | 64.44 |
|        | -15               | -15.9    | 195.0                     | 80.04 | 184.4 | 76.94 | 173.2 | 73.02 | 167.2 | 69.42 | 161.4 | 66.00 | 151.2 | 62.48 |
|        | -13.7             | -15      | 195.0                     | 77.58 | 184.4 | 74.52 | 173.2 | 70.74 | 167.2 | 67.26 | 161.4 | 63.98 | 151.2 | 60.52 |
|        | -11.8             | -13      | 195.0                     | 74.46 | 184.4 | 71.40 | 173.2 | 67.80 | 167.2 | 64.50 | 161.4 | 61.42 | 151.2 | 58.00 |
|        | -9.8              | -11      | 195.0                     | 71.20 | 184.4 | 68.16 | 173.2 | 64.74 | 167.2 | 61.64 | 161.4 | 58.68 | 151.2 | 55.40 |
|        | -9.5              | -10      | 195.0                     | 70.70 | 184.4 | 67.68 | 173.2 | 64.28 | 167.2 | 61.20 | 161.4 | 58.28 | 151.2 | 55.00 |
|        | -8.5              | -9.1     | 195.0                     | 69.08 | 184.4 | 66.04 | 173.2 | 62.76 | 167.2 | 59.76 | 161.4 | 56.92 | 151.2 | 53.68 |
|        | -7                | -7.6     | 195.0                     | 66.62 | 184.4 | 63.64 | 173.2 | 60.46 | 167.2 | 57.62 | 161.4 | 54.92 | 151.2 | 51.72 |
|        | -5                | -5.6     | 195.0                     | 63.42 | 184.4 | 60.46 | 173.2 | 57.48 | 167.2 | 54.84 | 161.4 | 52.28 | 151.2 | 49.20 |
|        | -3                | -3.7     | 195.0                     | 60.26 | 184.4 | 57.30 | 173.2 | 54.48 | 167.2 | 52.04 | 161.4 | 49.64 | 151.2 | 46.64 |
|        | 0                 | -0.7     | 195.0                     | 55.46 | 184.4 | 52.58 | 173.2 | 50.04 | 167.2 | 47.82 | 161.4 | 45.68 | 151.2 | 42.84 |
|        | 3                 | 2.2      | 195.0                     | 50.68 | 184.4 | 47.82 | 173.2 | 45.56 | 167.2 | 43.64 | 161.4 | 41.76 | 151.2 | 39.00 |
|        | 5                 | 4.1      | 195.0                     | 47.52 | 184.4 | 44.68 | 173.2 | 42.58 | 167.2 | 40.86 | 161.4 | 39.12 | 151.2 | 36.48 |
|        | 7                 | 6        | 195.0                     | 44.32 | 184.4 | 41.52 | 173.2 | 39.58 | 167.2 | 38.04 | 161.4 | 36.50 | 151.2 | 33.94 |
|        | 9                 | 7.9      | 195.0                     | 39.56 | 184.4 | 37.06 | 173.2 | 35.32 | 167.2 | 33.94 | 161.4 | 32.56 | 151.2 | 30.26 |
|        | 11                | 9.8      | 195.0                     | 36.90 | 184.4 | 34.60 | 173.2 | 32.98 | 167.2 | 31.68 | 161.4 | 30.40 | 151.2 | 28.26 |
|        | 13                | 11.8     | 195.0                     | 34.60 | 184.4 | 32.40 | 173.2 | 30.90 | 167.2 | 29.68 | 161.4 | 28.48 | 151.2 | 26.50 |
|        | 15                | 13.7     | 195.0                     | 32.70 | 184.4 | 30.62 | 173.2 | 29.18 | 167.2 | 28.06 | 161.4 | 26.90 | 151.2 | 25.04 |
| 50     | -30               | -30.2    | 102.8                     | 76.96 | 97.00 | 87.64 | 91.20 | 82.96 | 88.20 | 78.66 | 85.40 | 74.50 | 79.40 | 70.82 |
|        | -24.8             | -25      | 162.6                     | 74.80 | 153.4 | 75.96 | 144.2 | 72.00 | 139.6 | 68.28 | 135.0 | 64.78 | 125.6 | 61.50 |
|        | -21.8             | -22      | 162.6                     | 75.84 | 153.4 | 71.88 | 144.2 | 68.16 | 139.6 | 64.66 | 135.0 | 61.38 | 125.6 | 58.24 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 162.6                     | 73.00 | 153.4 | 69.14 | 144.2 | 65.60 | 139.6 | 62.22 | 135.0 | 59.12 | 125.6 | 56.06 |
|        | -18.8             | -19      | 162.6                     | 71.56 | 153.4 | 67.78 | 144.2 | 64.32 | 139.6 | 61.04 | 135.0 | 58.00 | 125.6 | 54.98 |
|        | -16.7             | -17      | 162.6                     | 68.58 | 153.4 | 64.92 | 144.2 | 61.70 | 139.6 | 58.50 | 135.0 | 55.66 | 125.6 | 52.70 |
|        | -15               | -15.9    | 162.6                     | 66.46 | 153.4 | 62.88 | 144.2 | 59.76 | 139.6 | 56.70 | 135.0 | 53.98 | 125.6 | 51.10 |
|        | -13.7             | -15      | 162.6                     | 64.34 | 153.4 | 60.88 | 144.2 | 57.86 | 139.6 | 54.92 | 135.0 | 52.30 | 125.6 | 49.48 |
|        | -11.8             | -13      | 162.6                     | 61.70 | 153.4 | 58.30 | 144.2 | 55.48 | 139.6 | 52.64 | 135.0 | 50.18 | 125.6 | 47.44 |
|        | -9.8              | -11      | 162.6                     | 58.88 | 153.4 | 55.62 | 144.2 | 52.96 | 139.6 | 50.22 | 135.0 | 47.94 | 125.6 | 45.28 |
|        | -9.5              | -10      | 162.6                     | 58.44 | 153.4 | 55.22 | 144.2 | 52.58 | 139.6 | 49.88 | 135.0 | 47.62 | 125.6 | 44.98 |
|        | -8.5              | -9.1     | 162.6                     | 57.04 | 153.4 | 53.88 | 144.2 | 51.32 | 139.6 | 48.68 | 135.0 | 46.50 | 125.6 | 43.90 |
|        | -7                | -7.6     | 162.6                     | 54.96 | 153.4 | 51.86 | 144.2 | 49.44 | 139.6 | 46.94 | 135.0 | 44.86 | 125.6 | 42.30 |
|        | -5                | -5.6     | 162.6                     | 52.20 | 153.4 | 49.24 | 144.2 | 47.00 | 139.6 | 44.60 | 135.0 | 42.70 | 125.6 | 40.22 |
|        | -3                | -3.7     | 162.6                     | 49.48 | 153.4 | 46.62 | 144.2 | 44.54 | 139.6 | 42.28 | 135.0 | 40.54 | 125.6 | 38.16 |
|        | 0                 | -0.7     | 162.6                     | 45.38 | 153.4 | 42.68 | 144.2 | 40.86 | 139.6 | 38.78 | 135.0 | 37.30 | 125.6 | 35.02 |
|        | 3                 | 2.2      | 162.6                     | 41.28 | 153.4 | 38.78 | 144.2 | 37.22 | 139.6 | 35.32 | 135.0 | 34.06 | 125.6 | 31.90 |
|        | 5                 | 4.1      | 162.6                     | 38.56 | 153.4 | 36.14 | 144.2 | 34.74 | 139.6 | 33.00 | 135.0 | 31.90 | 125.6 | 29.82 |
|        | 7                 | 6        | 162.6                     | 35.82 | 153.4 | 33.54 | 144.2 | 32.30 | 139.6 | 30.68 | 135.0 | 29.72 | 125.6 | 27.74 |
|        | 9                 | 7.9      | 162.6                     | 32.34 | 153.4 | 30.28 | 144.2 | 29.18 | 139.6 | 27.72 | 135.0 | 26.84 | 125.6 | 25.04 |
|        | 11                | 9.8      | 162.6                     | 30.26 | 153.4 | 28.34 | 144.2 | 27.28 | 139.6 | 25.92 | 135.0 | 25.10 | 125.6 | 23.44 |
|        | 13                | 11.8     | 162.6                     | 28.42 | 153.4 | 26.60 | 144.2 | 25.62 | 139.6 | 24.36 | 135.0 | 23.60 | 125.6 | 22.02 |
|        | 15                | 13.7     | 162.6                     | 26.88 | 153.4 | 25.14 | 144.2 | 24.26 | 139.6 | 23.02 | 135.0 | 22.32 | 125.6 | 20.84 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM940LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 115.1                     | 105.0 | 115.1 | 105.7 | 114.3 | 106.4 | 114.3 | 107.3 | 114.3 | 108.3 | 112.3 | 109.9 |
|        | -24.8             | -25      | 191.9                     | 107.4 | 191.9 | 108.2 | 190.5 | 108.8 | 190.5 | 109.8 | 190.5 | 110.7 | 187.1 | 112.3 |
|        | -21.8             | -22      | 235.7                     | 108.8 | 235.7 | 109.6 | 234.2 | 110.2 | 234.2 | 111.2 | 234.2 | 112.2 | 229.5 | 113.7 |
|        | -19.8             | -20      | 249.9                     | 109.7 | 249.9 | 110.5 | 247.9 | 111.2 | 247.9 | 112.2 | 247.9 | 113.1 | 243.6 | 114.6 |
|        | -18.8             | -19      | 255.6                     | 110.2 | 255.6 | 111.0 | 253.7 | 111.6 | 253.7 | 112.6 | 253.7 | 113.6 | 249.0 | 115.1 |
|        | -16.7             | -17      | 267.3                     | 111.2 | 267.3 | 112.0 | 265.3 | 112.6 | 265.3 | 113.6 | 265.3 | 114.6 | 260.6 | 116.1 |
|        | -15               | -15.9    | 275.5                     | 111.9 | 275.5 | 112.7 | 273.8 | 113.3 | 273.8 | 114.3 | 273.8 | 115.3 | 268.4 | 113.9 |
|        | -13.7             | -15      | 284.0                     | 112.6 | 284.0 | 113.4 | 282.0 | 114.1 | 282.0 | 115.1 | 282.0 | 116.0 | 276.6 | 111.8 |
|        | -11.8             | -13      | 293.1                     | 113.6 | 293.1 | 114.3 | 291.4 | 114.9 | 291.4 | 116.0 | 291.4 | 113.1 | 287.1 | 109.1 |
|        | -9.8              | -11      | 302.9                     | 114.5 | 302.9 | 115.2 | 300.9 | 115.9 | 300.9 | 113.0 | 300.9 | 110.1 | 297.9 | 106.2 |
|        | -9.5              | -10      | 304.5                     | 114.7 | 304.5 | 115.4 | 302.8 | 115.4 | 302.8 | 112.5 | 302.5 | 109.7 | 299.5 | 105.8 |
|        | -8.5              | -9.1     | 310.4                     | 115.1 | 310.4 | 115.9 | 308.7 | 113.9 | 308.7 | 110.9 | 307.5 | 108.2 | 304.9 | 104.4 |
|        | -7                | -7.6     | 319.3                     | 115.8 | 319.3 | 113.7 | 317.1 | 111.6 | 317.1 | 108.7 | 317.1 | 105.9 | 313.1 | 102.2 |
|        | -5                | -5.6     | 331.0                     | 113.0 | 331.0 | 110.7 | 328.7 | 108.6 | 328.7 | 105.7 | 328.7 | 102.9 | 323.7 | 99.41 |
|        | -3                | -3.7     | 342.8                     | 110.2 | 342.8 | 107.8 | 340.4 | 105.5 | 340.4 | 102.7 | 340.4 | 99.95 | 334.0 | 96.41 |
|        | 0                 | -0.7     | 360.4                     | 106.0 | 360.4 | 103.4 | 357.8 | 101.0 | 357.8 | 98.20 | 357.8 | 95.52 | 334.1 | 87.91 |
|        | 3                 | 2.2      | 378.0                     | 101.8 | 378.0 | 98.92 | 375.4 | 96.43 | 372.1 | 92.87 | 358.8 | 87.03 | 334.1 | 83.68 |
|        | 5                 | 4.1      | 382.4                     | 97.23 | 382.4 | 94.32 | 381.2 | 91.97 | 372.1 | 87.19 | 358.8 | 83.57 | 334.1 | 81.01 |
|        | 7                 | 6        | 382.4                     | 91.73 | 382.4 | 88.76 | 381.2 | 86.47 | 372.1 | 83.25 | 358.8 | 80.77 | 334.1 | 78.34 |
|        | 9                 | 7.9      | 382.4                     | 89.06 | 382.4 | 86.19 | 381.2 | 83.68 | 372.1 | 81.26 | 358.8 | 78.86 | 334.1 | 76.47 |
| 120    | 11                | 9.8      | 382.4                     | 87.65 | 382.4 | 84.86 | 381.2 | 82.41 | 372.1 | 79.97 | 358.8 | 77.61 | 334.1 | 75.28 |
|        | 13                | 11.8     | 382.4                     | 86.19 | 382.4 | 83.37 | 381.2 | 80.97 | 372.1 | 78.60 | 358.8 | 76.27 | 334.1 | 73.98 |
|        | 15                | 13.7     | 382.4                     | 84.55 | 382.4 | 81.81 | 381.2 | 79.44 | 372.1 | 77.12 | 358.8 | 74.82 | 334.1 | 72.57 |
|        | -30               | -30.2    | 114.3                     | 105.7 | 114.3 | 106.4 | 113.6 | 107.3 | 113.6 | 108.3 | 113.6 | 109.9 | 111.5 | 110.8 |
|        | -24.8             | -25      | 190.4                     | 108.2 | 190.4 | 108.8 | 189.3 | 109.8 | 189.3 | 110.7 | 189.3 | 112.3 | 185.9 | 113.3 |
|        | -21.8             | -22      | 234.1                     | 109.6 | 234.1 | 110.2 | 232.6 | 111.2 | 232.6 | 112.2 | 232.6 | 113.7 | 228.2 | 114.7 |
|        | -19.8             | -20      | 247.9                     | 110.5 | 247.9 | 111.2 | 246.3 | 112.2 | 246.3 | 113.1 | 246.3 | 114.6 | 241.7 | 115.7 |
|        | -18.8             | -19      | 253.4                     | 111.0 | 253.4 | 111.6 | 251.8 | 112.6 | 251.8 | 113.6 | 251.8 | 115.1 | 247.1 | 116.1 |
|        | -16.7             | -17      | 265.0                     | 112.0 | 265.0 | 112.6 | 263.4 | 113.6 | 263.4 | 114.6 | 263.4 | 116.1 | 258.4 | 113.4 |
|        | -15               | -15.9    | 273.5                     | 112.7 | 273.5 | 113.3 | 271.6 | 114.3 | 271.6 | 115.3 | 271.6 | 114.0 | 266.5 | 111.4 |
|        | -13.7             | -15      | 281.7                     | 113.4 | 281.7 | 114.1 | 280.1 | 115.1 | 280.1 | 116.0 | 280.1 | 112.0 | 274.6 | 109.4 |
|        | -11.8             | -13      | 291.0                     | 114.3 | 291.0 | 114.9 | 289.1 | 116.0 | 289.1 | 113.1 | 289.1 | 109.4 | 285.1 | 106.9 |
|        | -9.8              | -11      | 300.6                     | 115.2 | 300.6 | 115.9 | 298.9 | 112.8 | 298.9 | 110.1 | 298.9 | 106.7 | 296.0 | 104.3 |
|        | -9.5              | -10      | 302.5                     | 115.4 | 302.5 | 115.4 | 300.6 | 112.3 | 300.6 | 109.6 | 300.6 | 106.2 | 297.5 | 103.9 |
|        | -8.5              | -9.1     | 308.4                     | 115.9 | 308.4 | 113.7 | 306.0 | 110.7 | 306.0 | 108.1 | 306.0 | 104.9 | 302.7 | 102.6 |
|        | -7                | -7.6     | 317.0                     | 113.4 | 317.0 | 111.2 | 315.0 | 108.4 | 315.0 | 105.8 | 315.0 | 102.8 | 310.8 | 100.6 |
|        | -5                | -5.6     | 328.7                     | 110.1 | 328.7 | 107.9 | 326.7 | 105.2 | 326.7 | 102.8 | 326.7 | 100.1 | 313.8 | 95.67 |
|        | -3                | -3.7     | 340.1                     | 106.9 | 340.1 | 104.7 | 338.1 | 102.1 | 338.1 | 99.83 | 337.7 | 97.41 | 313.8 | 90.54 |
|        | 0                 | -0.7     | 357.7                     | 102.1 | 357.7 | 99.75 | 355.3 | 97.43 | 348.6 | 93.53 | 337.7 | 88.83 | 313.8 | 86.88 |
| 110    | 3                 | 2.2      | 375.0                     | 97.20 | 375.0 | 94.83 | 360.5 | 89.69 | 348.6 | 86.19 | 337.7 | 84.82 | 313.8 | 83.21 |
|        | 5                 | 4.1      | 379.5                     | 92.21 | 375.6 | 88.89 | 360.5 | 85.05 | 348.6 | 83.33 | 337.7 | 82.27 | 313.8 | 80.77 |
|        | 7                 | 6        | 379.5                     | 86.40 | 375.6 | 83.72 | 360.5 | 82.07 | 348.6 | 80.48 | 337.7 | 79.75 | 313.8 | 78.30 |
|        | 9                 | 7.9      | 379.5                     | 83.76 | 375.6 | 81.50 | 360.5 | 79.90 | 348.6 | 78.38 | 337.7 | 77.65 | 313.8 | 76.24 |
|        | 11                | 9.8      | 379.5                     | 82.23 | 375.6 | 80.01 | 360.5 | 78.42 | 348.6 | 76.96 | 337.7 | 76.20 | 313.8 | 74.83 |
|        | 13                | 11.8     | 379.5                     | 80.58 | 375.6 | 78.38 | 360.5 | 76.85 | 348.6 | 75.39 | 337.7 | 74.67 | 313.8 | 73.36 |
|        | 15                | 13.7     | 379.5                     | 78.82 | 375.6 | 76.65 | 360.5 | 75.17 | 348.6 | 73.72 | 337.7 | 73.00 | 313.8 | 71.73 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 113.9                     | 106.4 | 113.9 | 107.3 | 113.1 | 108.3 | 113.1 | 109.9 | 113.1 | 110.8 | 110.8 | 111.4 |
|        | -24.8             | -25      | 189.6                     | 108.8 | 189.6 | 109.8 | 188.3 | 110.7 | 188.3 | 112.3 | 188.3 | 113.3 | 184.5 | 113.8 |
|        | -21.8             | -22      | 232.9                     | 110.2 | 232.9 | 111.2 | 231.0 | 112.2 | 231.0 | 113.7 | 231.0 | 114.7 | 227.0 | 115.2 |
|        | -19.8             | -20      | 246.7                     | 111.2 | 246.7 | 112.2 | 245.2 | 113.1 | 245.2 | 114.6 | 245.2 | 115.7 | 240.4 | 116.2 |
|        | -18.8             | -19      | 252.2                     | 111.6 | 252.2 | 112.6 | 250.6 | 113.6 | 250.6 | 115.1 | 250.6 | 116.1 | 245.9 | 114.7 |
|        | -16.7             | -17      | 263.8                     | 112.6 | 263.8 | 113.6 | 262.2 | 114.6 | 262.2 | 116.1 | 262.2 | 113.2 | 257.1 | 111.6 |
|        | -15               | -15.9    | 272.0                     | 113.3 | 272.0 | 114.3 | 270.4 | 115.3 | 270.4 | 113.8 | 270.4 | 111.0 | 267.7 | 109.4 |
|        | -13.7             | -15      | 280.1                     | 114.1 | 280.1 | 115.1 | 278.6 | 116.0 | 278.6 | 111.6 | 278.6 | 108.9 | 278.6 | 107.2 |
|        | -11.8             | -13      | 289.2                     | 114.9 | 289.2 | 116.0 | 287.6 | 112.8 | 287.6 | 108.7 | 287.6 | 106.1 | 282.4 | 102.5 |
|        | -9.8              | -11      | 298.9                     | 115.9 | 298.9 | 112.4 | 297.3 | 109.5 | 297.3 | 105.7 | 297.3 | 103.3 | 282.4 | 96.88 |
|        | -9.5              | -10      | 300.6                     | 115.3 | 300.6 | 111.8 | 298.9 | 108.9 | 298.9 | 105.2 | 298.9 | 102.9 | 282.4 | 95.85 |
|        | -8.5              | -9.1     | 306.4                     | 113.4 | 306.4 | 110.0 | 304.8 | 107.3 | 304.8 | 103.7 | 302.4 | 100.6 | 282.4 | 94.45 |
|        | -7                | -7.6     | 315.3                     | 110.5 | 315.3 | 107.4 | 313.4 | 104.8 | 313.0 | 101.4 | 302.4 | 95.81 | 282.4 | 92.38 |
|        | -5                | -5.6     | 326.8                     | 106.7 | 326.8 | 103.8 | 323.6 | 101.1 | 313.0 | 95.00 | 302.4 | 91.53 | 282.4 | 89.63 |
|        | -3                | -3.7     | 338.5                     | 102.9 | 338.5 | 100.3 | 323.6 | 94.42 | 313.0 | 90.58 | 302.4 | 88.83 | 282.4 | 86.88 |
|        | 0                 | -0.7     | 355.7                     | 97.16 | 345.0 | 92.09 | 323.6 | 88.44 | 313.0 | 86.38 | 302.4 | 84.86 | 282.4 | 82.79 |
|        | 3                 | 2.2      | 365.0                     | 89.48 | 345.0 | 85.05 | 323.6 | 83.72 | 313.0 | 82.15 | 302.4 | 80.85 | 282.4 | 78.64 |
|        | 5                 | 4.1      | 365.0                     | 83.15 | 345.0 | 81.69 | 323.6 | 80.61 | 313.0 | 79.32 | 302.4 | 78.18 | 282.4 | 75.93 |
|        | 7                 | 6        | 365.0                     | 79.52 | 345.0 | 78.34 | 323.6 | 77.46 | 313.0 | 76.51 | 302.4 | 75.55 | 282.4 | 73.18 |
|        | 9                 | 7.9      | 365.0                     | 77.08 | 345.0 | 75.92 | 323.6 | 75.06 | 313.0 | 74.14 | 302.4 | 73.18 | 282.4 | 70.94 |
|        | 11                | 9.8      | 365.0                     | 75.31 | 345.0 | 74.17 | 323.6 | 73.33 | 313.0 | 72.43 | 302.4 | 71.47 | 282.4 | 69.29 |
|        | 13                | 11.8     | 365.0                     | 73.37 | 345.0 | 72.27 | 323.6 | 71.43 | 313.0 | 70.58 | 302.4 | 69.68 | 282.4 | 67.54 |
|        | 15                | 13.7     | 365.0                     | 71.31 | 345.0 | 70.25 | 323.6 | 69.45 | 313.0 | 68.60 | 302.4 | 67.73 | 282.4 | 65.63 |
| 100    | -30               | -30.2    | 113.1                     | 121.9 | 113.1 | 121.4 | 112.6 | 105.5 | 112.6 | 120.1 | 112.6 | 116.7 | 110.3 | 119.3 |
|        | -24.8             | -25      | 188.7                     | 120.4 | 188.7 | 119.8 | 187.5 | 111.5 | 187.5 | 118.5 | 187.5 | 117.9 | 183.7 | 117.7 |
|        | -21.8             | -22      | 231.4                     | 119.5 | 231.4 | 119.0 | 230.2 | 114.9 | 230.2 | 117.6 | 230.2 | 118.7 | 225.6 | 116.8 |
|        | -19.8             | -20      | 245.6                     | 118.9 | 245.6 | 118.3 | 244.3 | 117.0 | 244.3 | 117.0 | 244.3 | 117.0 | 239.6 | 116.2 |
|        | -18.8             | -19      | 251.0                     | 118.6 | 249.7 | 118.0 | 249.7 | 117.5 | 249.7 | 116.7 | 249.7 | 116.1 | 244.7 | 114.4 |
|        | -16.7             | -17      | 261.1                     | 118.0 | 261.1 | 117.4 | 261.1 | 118.5 | 259.5 | 116.1 | 259.5 | 112.4 | 254.7 | 110.6 |
|        | -15               | -15.9    | 270.0                     | 117.5 | 270.0 | 117.0 | 268.9 | 117.3 | 268.4 | 113.4 | 268.4 | 109.7 | 258.1 | 105.7 |
|        | -13.7             | -15      | 278.9                     | 117.1 | 278.9 | 116.5 | 277.1 | 116.0 | 277.1 | 110.7 | 277.0 | 107.0 | 258.1 | 99.69 |
|        | -11.8             | -13      | 287.9                     | 116.5 | 286.4 | 116.0 | 286.4 | 112.4 | 286.4 | 107.3 | 277.0 | 100.3 | 258.1 | 96.46 |
|        | -9.8              | -11      | 297.4                     | 115.9 | 297.4 | 112.0 | 296.1 | 108.6 | 286.4 | 100.4 | 277.0 | 95.02 | 258.1 | 93.03 |
|        | -9.5              | -10      | 298.9                     | 115.3 | 298.9 | 111.3 | 296.1 | 107.5 | 286.4 | 99.27 | 277.0 | 94.51 | 258.1 | 92.49 |
|        | -8.5              | -9.1     | 304.8                     | 113.2 | 304.8 | 109.3 | 296.1 | 103.5 | 286.4 | 96.17 | 277.0 | 92.83 | 258.1 | 90.78 |
|        | -7                | -7.6     | 318.9                     | 110.1 | 314.9 | 105.5 | 296.1 | 98.02 | 286.4 | 93.63 | 277.0 | 90.31 | 258.1 | 88.22 |
|        | -5                | -5.6     | 332.6                     | 105.9 | 314.9 | 97.94 | 296.1 | 94.51 | 286.4 | 90.24 | 277.0 | 87.00 | 258.1 | 84.82 |
|        | -3                | -3.7     | 333.8                     | 99.33 | 314.9 | 93.36 | 296.1 | 90.97 | 286.4 | 86.88 | 277.0 | 83.68 | 258.1 | 81.43 |
|        | 0                 | -0.7     | 333.8                     | 90.69 | 314.9 | 87.72 | 296.1 | 85.66 | 286.4 | 81.85 | 277.0 | 78.68 | 258.1 | 76.36 |
|        | 3                 | 2.2      | 333.8                     | 84.82 | 314.9 | 82.08 | 296.1 | 80.36 | 286.4 | 76.81 | 277.0 | 73.72 | 258.1 | 71.27 |
|        | 5                 | 4.1      | 333.8                     | 80.93 | 314.9 | 78.34 | 296.1 | 76.81 | 286.4 | 73.48 | 277.0 | 70.40 | 258.1 | 67.91 |
|        | 7                 | 6        | 333.8                     | 77.00 | 314.9 | 74.56 | 296.1 | 73.31 | 286.4 | 70.12 | 277.0 | 67.08 | 258.1 | 64.51 |
|        | 9                 | 7.9      | 333.8                     | 74.29 | 314.9 | 71.96 | 296.1 | 70.70 | 286.4 | 67.65 | 277.0 | 64.74 | 258.1 | 62.24 |
|        | 11                | 9.8      | 333.8                     | 72.23 | 314.9 | 69.97 | 296.1 | 68.75 | 286.4 | 65.75 | 277.0 | 62.92 | 258.1 | 60.51 |
|        | 13                | 11.8     | 333.8                     | 70.05 | 314.9 | 67.81 | 296.1 | 66.65 | 286.4 | 63.76 | 277.0 | 61.01 | 258.1 | 58.65 |
|        | 15                | 13.7     | 333.8                     | 67.69 | 314.9 | 65.56 | 296.1 | 64.44 | 286.4 | 61.63 | 277.0 | 58.99 | 258.1 | 56.70 |
| 90     | -30               | -30.2    | 112.7                     | 104.8 | 112.7 | 106.2 | 112.0 | 107.3 | 112.0 | 107.8 | 112.0 | 108.8 | 110.0 | 121.2 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 187.9                     | 107.2 | 187.9 | 108.7 | 186.8 | 109.8 | 186.8 | 110.3 | 186.8 | 111.2 | 183.3 | 112.8 |
|        | -21.8             | -22      | 230.6                     | 108.6 | 230.6 | 110.1 | 229.4 | 111.2 | 229.4 | 111.7 | 229.4 | 112.7 | 224.8 | 108.0 |
|        | -19.8             | -20      | 244.7                     | 109.6 | 244.7 | 111.1 | 243.2 | 112.1 | 243.2 | 112.7 | 243.2 | 109.4 | 235.8 | 103.6 |
|        | -18.8             | -19      | 251.0                     | 110.1 | 249.7 | 111.6 | 248.3 | 112.6 | 248.3 | 111.0 | 248.3 | 107.7 | 235.8 | 99.76 |
|        | -16.7             | -17      | 261.1                     | 111.1 | 261.1 | 112.6 | 259.9 | 109.1 | 259.9 | 107.4 | 254.2 | 101.9 | 235.8 | 94.60 |
|        | -15               | -15.9    | 270.0                     | 111.8 | 270.0 | 110.0 | 268.0 | 106.6 | 262.4 | 102.7 | 254.2 | 98.03 | 235.8 | 92.29 |
|        | -13.7             | -15      | 278.9                     | 112.5 | 278.9 | 107.4 | 271.0 | 102.1 | 262.4 | 97.23 | 254.2 | 94.24 | 235.8 | 90.03 |
|        | -11.8             | -13      | 287.9                     | 108.9 | 286.4 | 104.1 | 271.0 | 95.88 | 262.4 | 94.02 | 254.2 | 91.31 | 235.8 | 87.10 |
|        | -9.8              | -11      | 297.4                     | 105.2 | 287.6 | 97.36 | 271.0 | 92.62 | 262.4 | 90.80 | 254.2 | 88.18 | 235.8 | 84.06 |
|        | -9.5              | -10      | 298.9                     | 104.7 | 287.6 | 96.35 | 271.0 | 92.16 | 262.4 | 90.32 | 254.2 | 87.68 | 235.8 | 83.59 |
|        | -8.5              | -9.1     | 304.8                     | 102.8 | 287.6 | 93.46 | 271.0 | 90.56 | 262.4 | 88.72 | 254.2 | 86.16 | 235.8 | 82.08 |
|        | -7                | -7.6     | 305.6                     | 95.88 | 287.6 | 90.90 | 271.0 | 88.22 | 262.4 | 86.31 | 254.2 | 83.82 | 235.8 | 79.78 |
|        | -5                | -5.6     | 305.6                     | 91.39 | 287.6 | 87.68 | 271.0 | 85.11 | 262.4 | 83.17 | 254.2 | 80.76 | 235.8 | 76.80 |
|        | -3                | -3.7     | 305.6                     | 87.90 | 287.6 | 84.46 | 271.0 | 82.02 | 262.4 | 80.00 | 254.2 | 77.66 | 235.8 | 73.80 |
|        | 0                 | -0.7     | 305.6                     | 82.70 | 287.6 | 79.61 | 271.0 | 77.35 | 262.4 | 75.26 | 254.2 | 73.04 | 235.8 | 69.30 |
|        | 3                 | 2.2      | 305.6                     | 77.46 | 287.6 | 74.76 | 271.0 | 72.69 | 262.4 | 70.55 | 254.2 | 68.45 | 235.8 | 64.75 |
|        | 5                 | 4.1      | 305.6                     | 73.98 | 287.6 | 71.54 | 271.0 | 69.58 | 262.4 | 67.38 | 254.2 | 65.36 | 235.8 | 61.74 |
|        | 7                 | 6        | 305.6                     | 70.49 | 287.6 | 68.32 | 271.0 | 66.49 | 262.4 | 64.23 | 254.2 | 62.33 | 235.8 | 58.74 |
|        | 9                 | 7.9      | 305.6                     | 67.20 | 287.6 | 65.11 | 271.0 | 63.36 | 262.4 | 61.22 | 254.2 | 59.39 | 235.8 | 56.03 |
|        | 11                | 9.8      | 305.6                     | 63.91 | 287.6 | 61.94 | 271.0 | 60.26 | 262.4 | 58.20 | 254.2 | 56.48 | 235.8 | 53.25 |
|        | 13                | 11.8     | 305.6                     | 60.63 | 287.6 | 58.73 | 271.0 | 57.19 | 262.4 | 55.22 | 254.2 | 53.57 | 235.8 | 50.53 |
|        | 15                | 13.7     | 305.6                     | 57.34 | 287.6 | 55.57 | 271.0 | 54.06 | 262.4 | 52.22 | 254.2 | 50.67 | 235.8 | 47.77 |
| 80     | -30               | -30.2    | 112.3                     | 92.05 | 112.3 | 93.65 | 111.5 | 94.73 | 111.5 | 93.44 | 111.5 | 107.6 | 109.5 | 103.2 |
|        | -24.8             | -25      | 187.2                     | 94.59 | 187.2 | 96.11 | 186.0 | 97.18 | 186.0 | 97.69 | 186.0 | 100.2 | 182.5 | 95.99 |
|        | -21.8             | -22      | 228.3                     | 96.05 | 228.3 | 97.53 | 228.3 | 98.60 | 228.3 | 100.1 | 226.7 | 95.24 | 210.7 | 87.16 |
|        | -19.8             | -20      | 242.1                     | 96.99 | 242.1 | 98.50 | 241.8 | 99.95 | 235.0 | 94.27 | 226.7 | 88.29 | 210.7 | 84.53 |
|        | -18.8             | -19      | 247.4                     | 97.47 | 247.4 | 100.1 | 242.1 | 96.43 | 235.0 | 90.82 | 226.7 | 86.92 | 210.7 | 83.27 |
|        | -16.7             | -17      | 255.4                     | 99.98 | 255.4 | 96.87 | 242.1 | 90.46 | 235.0 | 87.70 | 226.7 | 84.12 | 210.7 | 80.56 |
|        | -15               | -15.9    | 261.3                     | 97.65 | 258.1 | 94.49 | 242.1 | 88.29 | 235.0 | 85.57 | 226.7 | 82.08 | 210.7 | 78.60 |
|        | -13.7             | -15      | 267.1                     | 95.31 | 258.1 | 91.12 | 242.1 | 86.15 | 235.0 | 83.43 | 226.7 | 80.06 | 210.7 | 76.65 |
|        | -11.8             | -13      | 273.5                     | 92.34 | 258.1 | 87.02 | 242.1 | 83.41 | 235.0 | 80.74 | 226.7 | 77.52 | 210.7 | 74.19 |
|        | -9.8              | -11      | 273.8                     | 87.02 | 258.1 | 82.92 | 242.1 | 80.53 | 235.0 | 77.89 | 226.7 | 74.80 | 210.7 | 71.59 |
|        | -9.5              | -10      | 273.8                     | 85.92 | 258.1 | 81.98 | 242.1 | 80.10 | 235.0 | 77.46 | 226.7 | 74.40 | 210.7 | 71.23 |
|        | -8.5              | -9.1     | 273.8                     | 83.57 | 258.1 | 80.19 | 242.1 | 78.66 | 235.0 | 76.06 | 226.7 | 73.11 | 210.7 | 69.95 |
|        | -7                | -7.6     | 273.8                     | 80.53 | 258.1 | 78.04 | 242.1 | 76.52 | 235.0 | 73.92 | 226.7 | 71.09 | 210.7 | 68.00 |
|        | -5                | -5.6     | 273.8                     | 77.62 | 258.1 | 75.26 | 242.1 | 73.66 | 235.0 | 71.13 | 226.7 | 68.42 | 210.7 | 65.44 |
|        | -3                | -3.7     | 273.8                     | 74.71 | 258.1 | 72.43 | 242.1 | 70.82 | 235.0 | 68.34 | 226.7 | 65.78 | 210.7 | 62.89 |
|        | 0                 | -0.7     | 273.8                     | 70.32 | 258.1 | 68.25 | 242.1 | 66.61 | 235.0 | 64.13 | 226.7 | 61.80 | 210.7 | 59.09 |
|        | 3                 | 2.2      | 273.8                     | 65.96 | 258.1 | 64.01 | 242.1 | 62.33 | 235.0 | 59.90 | 226.7 | 57.83 | 210.7 | 55.24 |
|        | 5                 | 4.1      | 273.8                     | 63.05 | 258.1 | 61.22 | 242.1 | 59.51 | 235.0 | 57.10 | 226.7 | 55.16 | 210.7 | 52.71 |
|        | 7                 | 6        | 273.8                     | 60.15 | 258.1 | 58.39 | 242.1 | 56.68 | 235.0 | 54.34 | 226.7 | 52.52 | 210.7 | 50.15 |
|        | 9                 | 7.9      | 273.8                     | 56.48 | 258.1 | 54.84 | 242.1 | 53.21 | 235.0 | 50.99 | 226.7 | 49.31 | 210.7 | 47.10 |
|        | 11                | 9.8      | 273.8                     | 52.40 | 258.1 | 50.88 | 242.1 | 49.39 | 235.0 | 47.33 | 226.7 | 45.77 | 210.7 | 43.71 |
|        | 13                | 11.8     | 273.8                     | 48.93 | 258.1 | 47.49 | 242.1 | 46.11 | 235.0 | 44.20 | 226.7 | 42.72 | 210.7 | 40.81 |
|        | 15                | 13.7     | 273.8                     | 46.04 | 258.1 | 44.70 | 242.1 | 43.37 | 235.0 | 41.58 | 226.7 | 40.21 | 210.7 | 38.40 |
| 70     | -30               | -30.2    | 112.3                     | 92.46 | 112.3 | 92.94 | 111.5 | 93.97 | 111.5 | 106.1 | 111.5 | 101.0 | 109.5 | 96.41 |
|        | -24.8             | -25      | 187.2                     | 94.98 | 187.2 | 95.48 | 186.0 | 96.49 | 186.0 | 98.03 | 186.0 | 93.43 | 180.5 | 88.15 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 218.7                     | 96.43 | 218.7 | 96.94 | 206.4 | 92.93 | 199.3 | 88.56 | 193.2 | 84.45 | 180.5 | 80.53 |
|        | -19.8             | -20      | 232.3                     | 94.31 | 219.0 | 92.87 | 206.4 | 89.80 | 199.3 | 85.62 | 193.2 | 81.71 | 180.5 | 77.84 |
|        | -18.8             | -19      | 232.3                     | 92.87 | 219.0 | 91.30 | 206.4 | 88.27 | 199.3 | 84.13 | 193.2 | 80.31 | 180.5 | 76.51 |
|        | -16.7             | -17      | 232.3                     | 89.52 | 219.0 | 87.91 | 206.4 | 85.03 | 199.3 | 81.01 | 193.2 | 77.44 | 180.5 | 73.69 |
|        | -15               | -15.9    | 232.3                     | 87.16 | 219.0 | 85.52 | 206.4 | 82.69 | 199.3 | 78.82 | 193.2 | 75.37 | 180.5 | 71.69 |
|        | -13.7             | -15      | 232.3                     | 84.79 | 219.0 | 83.11 | 206.4 | 80.36 | 199.3 | 76.63 | 193.2 | 73.27 | 180.5 | 69.68 |
|        | -11.8             | -13      | 232.3                     | 81.79 | 219.0 | 80.10 | 206.4 | 77.44 | 199.3 | 73.80 | 193.2 | 70.66 | 180.5 | 67.18 |
|        | -9.8              | -11      | 232.3                     | 78.64 | 219.0 | 76.88 | 206.4 | 74.36 | 199.3 | 70.89 | 193.2 | 67.94 | 180.5 | 64.50 |
|        | -9.5              | -10      | 232.3                     | 78.17 | 219.0 | 76.38 | 206.4 | 73.89 | 199.3 | 70.43 | 193.2 | 67.52 | 180.5 | 64.11 |
|        | -8.5              | -9.1     | 232.3                     | 76.62 | 219.0 | 74.82 | 206.4 | 72.34 | 199.3 | 68.94 | 193.2 | 66.11 | 180.5 | 62.76 |
|        | -7                | -7.6     | 232.3                     | 74.22 | 219.0 | 72.42 | 206.4 | 70.05 | 199.3 | 66.77 | 193.2 | 64.06 | 180.5 | 60.77 |
|        | -5                | -5.6     | 232.3                     | 71.12 | 219.0 | 69.28 | 206.4 | 66.96 | 199.3 | 63.87 | 193.2 | 61.35 | 180.5 | 58.14 |
|        | -3                | -3.7     | 232.3                     | 68.02 | 219.0 | 66.11 | 206.4 | 63.91 | 199.3 | 60.97 | 193.2 | 58.63 | 180.5 | 55.51 |
|        | 0                 | -0.7     | 232.3                     | 63.35 | 219.0 | 61.38 | 206.4 | 59.35 | 199.3 | 56.61 | 193.2 | 54.58 | 180.5 | 51.57 |
|        | 3                 | 2.2      | 232.3                     | 58.69 | 219.0 | 56.67 | 206.4 | 54.77 | 199.3 | 52.28 | 193.2 | 50.50 | 180.5 | 47.63 |
|        | 5                 | 4.1      | 232.3                     | 55.57 | 219.0 | 53.51 | 206.4 | 51.74 | 199.3 | 49.38 | 193.2 | 47.78 | 180.5 | 45.00 |
|        | 7                 | 6        | 232.3                     | 52.47 | 219.0 | 50.37 | 206.4 | 48.65 | 199.3 | 46.48 | 193.2 | 45.07 | 180.5 | 42.36 |
|        | 9                 | 7.9      | 232.3                     | 47.39 | 219.0 | 45.46 | 206.4 | 43.96 | 199.3 | 41.98 | 193.2 | 40.72 | 180.5 | 38.24 |
|        | 11                | 9.8      | 232.3                     | 44.12 | 219.0 | 42.33 | 206.4 | 40.92 | 199.3 | 39.08 | 193.2 | 37.90 | 180.5 | 35.61 |
|        | 13                | 11.8     | 232.3                     | 41.26 | 219.0 | 39.61 | 206.4 | 38.28 | 199.3 | 36.57 | 193.2 | 35.45 | 180.5 | 33.35 |
|        | 15                | 13.7     | 232.3                     | 38.92 | 219.0 | 37.34 | 206.4 | 36.10 | 199.3 | 34.44 | 193.2 | 33.43 | 180.5 | 31.42 |
| 60     | -30               | -30.2    | 111.8                     | 91.54 | 111.8 | 92.56 | 111.1 | 105.4 | 108.1 | 99.81 | 104.2 | 94.73 | 97.80 | 90.04 |
|        | -24.8             | -25      | 186.4                     | 94.07 | 186.4 | 95.08 | 177.0 | 92.31 | 170.8 | 86.95 | 164.9 | 82.55 | 154.6 | 78.39 |
|        | -21.8             | -22      | 199.3                     | 94.90 | 188.4 | 91.59 | 177.0 | 86.86 | 170.8 | 82.48 | 164.9 | 78.32 | 154.6 | 74.31 |
|        | -19.8             | -20      | 199.3                     | 91.53 | 188.4 | 88.22 | 177.0 | 83.69 | 170.8 | 79.49 | 164.9 | 75.53 | 154.6 | 71.61 |
|        | -18.8             | -19      | 199.3                     | 89.85 | 188.4 | 86.54 | 177.0 | 82.12 | 170.8 | 78.00 | 164.9 | 74.12 | 154.6 | 70.25 |
|        | -16.7             | -17      | 199.3                     | 86.29 | 188.4 | 83.02 | 177.0 | 78.79 | 170.8 | 74.88 | 164.9 | 71.19 | 154.6 | 67.40 |
|        | -15               | -15.9    | 199.3                     | 83.74 | 188.4 | 80.51 | 177.0 | 76.41 | 170.8 | 72.65 | 164.9 | 69.08 | 154.6 | 65.40 |
|        | -13.7             | -15      | 199.3                     | 81.21 | 188.4 | 78.02 | 177.0 | 74.07 | 170.8 | 70.43 | 164.9 | 67.01 | 154.6 | 63.38 |
|        | -11.8             | -13      | 199.3                     | 78.01 | 188.4 | 74.82 | 177.0 | 71.04 | 170.8 | 67.59 | 164.9 | 64.37 | 154.6 | 60.80 |
|        | -9.8              | -11      | 199.3                     | 74.66 | 188.4 | 71.48 | 177.0 | 67.89 | 170.8 | 64.66 | 164.9 | 61.56 | 154.6 | 58.12 |
|        | -9.5              | -10      | 199.3                     | 74.15 | 188.4 | 70.98 | 177.0 | 67.42 | 170.8 | 64.20 | 164.9 | 61.14 | 154.6 | 57.70 |
|        | -8.5              | -9.1     | 199.3                     | 72.48 | 188.4 | 69.30 | 177.0 | 65.86 | 170.8 | 62.72 | 164.9 | 59.74 | 154.6 | 56.34 |
|        | -7                | -7.6     | 199.3                     | 69.95 | 188.4 | 66.82 | 177.0 | 63.49 | 170.8 | 60.51 | 164.9 | 57.68 | 154.6 | 54.32 |
|        | -5                | -5.6     | 199.3                     | 66.59 | 188.4 | 63.49 | 177.0 | 60.36 | 170.8 | 57.60 | 164.9 | 54.92 | 154.6 | 51.68 |
|        | -3                | -3.7     | 199.3                     | 63.29 | 188.4 | 60.19 | 177.0 | 57.22 | 170.8 | 54.66 | 164.9 | 52.16 | 154.6 | 49.00 |
|        | 0                 | -0.7     | 199.3                     | 58.27 | 188.4 | 55.25 | 177.0 | 52.58 | 170.8 | 50.25 | 164.9 | 48.00 | 154.6 | 45.02 |
|        | 3                 | 2.2      | 199.3                     | 53.26 | 188.4 | 50.27 | 177.0 | 47.88 | 170.8 | 45.88 | 164.9 | 43.90 | 154.6 | 41.00 |
|        | 5                 | 4.1      | 199.3                     | 49.96 | 188.4 | 46.98 | 177.0 | 44.77 | 170.8 | 42.97 | 164.9 | 41.14 | 154.6 | 38.36 |
|        | 7                 | 6        | 199.3                     | 46.62 | 188.4 | 43.66 | 177.0 | 41.65 | 170.8 | 40.00 | 164.9 | 38.39 | 154.6 | 35.69 |
|        | 9                 | 7.9      | 199.3                     | 41.62 | 188.4 | 38.99 | 177.0 | 37.14 | 170.8 | 35.69 | 164.9 | 34.24 | 154.6 | 31.83 |
|        | 11                | 9.8      | 199.3                     | 38.81 | 188.4 | 36.40 | 177.0 | 34.69 | 170.8 | 33.32 | 164.9 | 31.98 | 154.6 | 29.73 |
|        | 13                | 11.8     | 199.3                     | 36.40 | 188.4 | 34.08 | 177.0 | 32.51 | 170.8 | 31.22 | 164.9 | 29.96 | 154.6 | 27.87 |
|        | 15                | 13.7     | 199.3                     | 34.39 | 188.4 | 32.21 | 177.0 | 30.69 | 170.8 | 29.51 | 164.9 | 28.29 | 154.6 | 26.34 |
| 50     | -30               | -30.2    | 105.0                     | 79.54 | 99.10 | 91.32 | 93.20 | 86.44 | 90.10 | 81.97 | 87.30 | 77.61 | 81.10 | 73.79 |
|        | -24.8             | -25      | 166.1                     | 77.88 | 156.7 | 79.32 | 147.3 | 75.18 | 142.6 | 71.30 | 137.9 | 67.65 | 128.2 | 64.23 |
|        | -21.8             | -22      | 166.1                     | 79.28 | 156.7 | 75.14 | 147.3 | 71.26 | 142.6 | 67.59 | 137.9 | 64.17 | 128.2 | 60.90 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 166.1                     | 76.36 | 156.7 | 72.33 | 147.3 | 68.64 | 142.6 | 65.09 | 137.9 | 61.86 | 128.2 | 58.65 |
|        | -18.8             | -19      | 166.1                     | 74.88 | 156.7 | 70.93 | 147.3 | 67.32 | 142.6 | 63.90 | 137.9 | 60.70 | 128.2 | 57.55 |
|        | -16.7             | -17      | 166.1                     | 71.83 | 156.7 | 68.00 | 147.3 | 64.63 | 142.6 | 61.29 | 137.9 | 58.31 | 128.2 | 55.21 |
|        | -15               | -15.9    | 166.1                     | 69.65 | 156.7 | 65.90 | 147.3 | 62.64 | 142.6 | 59.43 | 137.9 | 56.59 | 128.2 | 53.57 |
|        | -13.7             | -15      | 166.1                     | 67.47 | 156.7 | 63.84 | 147.3 | 60.69 | 142.6 | 57.60 | 137.9 | 54.85 | 128.2 | 51.90 |
|        | -11.8             | -13      | 166.1                     | 64.75 | 156.7 | 61.19 | 147.3 | 58.22 | 142.6 | 55.24 | 137.9 | 52.67 | 128.2 | 49.80 |
|        | -9.8              | -11      | 166.1                     | 61.84 | 156.7 | 58.41 | 147.3 | 55.62 | 142.6 | 52.75 | 137.9 | 50.35 | 128.2 | 47.56 |
|        | -9.5              | -10      | 166.1                     | 61.38 | 156.7 | 58.01 | 147.3 | 55.23 | 142.6 | 52.40 | 137.9 | 50.03 | 128.2 | 47.25 |
|        | -8.5              | -9.1     | 166.1                     | 59.92 | 156.7 | 56.62 | 147.3 | 53.92 | 142.6 | 51.16 | 137.9 | 48.87 | 128.2 | 46.13 |
|        | -7                | -7.6     | 166.1                     | 57.78 | 156.7 | 54.53 | 147.3 | 51.98 | 142.6 | 49.35 | 137.9 | 47.17 | 128.2 | 44.49 |
|        | -5                | -5.6     | 166.1                     | 54.88 | 156.7 | 51.78 | 147.3 | 49.42 | 142.6 | 46.90 | 137.9 | 44.89 | 128.2 | 42.29 |
|        | -3                | -3.7     | 166.1                     | 52.02 | 156.7 | 49.03 | 147.3 | 46.83 | 142.6 | 44.46 | 137.9 | 42.63 | 128.2 | 40.14 |
|        | 0                 | -0.7     | 166.1                     | 47.73 | 156.7 | 44.88 | 147.3 | 42.97 | 142.6 | 40.79 | 137.9 | 39.23 | 128.2 | 36.83 |
|        | 3                 | 2.2      | 166.1                     | 43.42 | 156.7 | 40.79 | 147.3 | 39.15 | 142.6 | 37.14 | 137.9 | 35.83 | 128.2 | 33.55 |
|        | 5                 | 4.1      | 166.1                     | 40.56 | 156.7 | 38.03 | 147.3 | 36.55 | 142.6 | 34.72 | 137.9 | 33.55 | 128.2 | 31.37 |
|        | 7                 | 6        | 166.1                     | 37.69 | 156.7 | 35.29 | 147.3 | 33.99 | 142.6 | 32.28 | 137.9 | 31.26 | 128.2 | 29.19 |
|        | 9                 | 7.9      | 166.1                     | 34.03 | 156.7 | 31.86 | 147.3 | 30.69 | 142.6 | 29.16 | 137.9 | 28.24 | 128.2 | 26.34 |
|        | 11                | 9.8      | 166.1                     | 31.83 | 156.7 | 29.81 | 147.3 | 28.70 | 142.6 | 27.28 | 137.9 | 26.41 | 128.2 | 24.66 |
|        | 13                | 11.8     | 166.1                     | 29.89 | 156.7 | 28.00 | 147.3 | 26.95 | 142.6 | 25.62 | 137.9 | 24.82 | 128.2 | 23.17 |
|        | 15                | 13.7     | 166.1                     | 28.28 | 156.7 | 26.45 | 147.3 | 25.53 | 142.6 | 24.23 | 137.9 | 23.48 | 128.2 | 21.92 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM960LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 116.8                     | 107.5 | 116.8 | 108.4 | 116.0 | 109.1 | 116.0 | 110.2 | 116.0 | 111.4 | 114.0 | 113.3 |
|        | -24.8             | -25      | 194.8                     | 110.6 | 194.8 | 111.5 | 193.2 | 112.2 | 193.2 | 113.4 | 193.2 | 114.6 | 190.0 | 116.4 |
|        | -21.8             | -22      | 240.0                     | 112.4 | 240.0 | 113.3 | 238.4 | 114.0 | 238.4 | 115.2 | 238.4 | 116.4 | 233.6 | 118.2 |
|        | -19.8             | -20      | 254.8                     | 113.6 | 254.8 | 114.5 | 252.8 | 115.3 | 252.8 | 116.5 | 252.8 | 117.6 | 248.4 | 119.4 |
|        | -18.8             | -19      | 260.8                     | 114.2 | 260.8 | 115.1 | 258.8 | 115.9 | 258.8 | 117.1 | 258.8 | 118.2 | 254.0 | 120.0 |
|        | -16.7             | -17      | 272.8                     | 115.5 | 272.8 | 116.4 | 270.8 | 117.2 | 270.8 | 118.4 | 270.8 | 119.5 | 266.0 | 121.3 |
|        | -15               | -15.9    | 281.2                     | 116.4 | 281.2 | 117.3 | 279.6 | 118.1 | 279.6 | 119.3 | 279.6 | 120.4 | 274.0 | 119.1 |
|        | -13.7             | -15      | 290.0                     | 117.3 | 290.0 | 118.2 | 288.0 | 119.0 | 288.0 | 120.2 | 288.0 | 121.3 | 282.4 | 116.9 |
|        | -11.8             | -13      | 299.2                     | 118.5 | 299.2 | 119.4 | 297.6 | 120.1 | 297.6 | 121.4 | 297.6 | 118.4 | 293.2 | 114.2 |
|        | -9.8              | -11      | 309.2                     | 119.7 | 309.2 | 120.6 | 307.2 | 121.4 | 307.2 | 118.3 | 307.2 | 115.3 | 304.4 | 111.2 |
|        | -9.5              | -10      | 310.8                     | 119.9 | 310.8 | 120.8 | 309.2 | 120.9 | 309.2 | 117.8 | 308.8 | 114.9 | 306.0 | 110.8 |
|        | -8.5              | -9.1     | 316.8                     | 120.5 | 316.8 | 121.4 | 315.2 | 119.3 | 315.2 | 116.2 | 314.0 | 113.3 | 311.6 | 109.3 |
|        | -7                | -7.6     | 326.0                     | 121.4 | 326.0 | 119.1 | 323.6 | 117.0 | 323.6 | 113.9 | 323.6 | 111.0 | 320.0 | 107.2 |
|        | -5                | -5.6     | 338.0                     | 118.5 | 338.0 | 116.0 | 335.6 | 113.8 | 335.6 | 110.8 | 335.6 | 107.9 | 330.8 | 104.2 |
|        | -3                | -3.7     | 350.0                     | 115.5 | 350.0 | 113.0 | 347.6 | 110.6 | 347.6 | 107.6 | 347.6 | 104.8 | 341.2 | 101.0 |
|        | 0                 | -0.7     | 368.0                     | 111.1 | 368.0 | 108.4 | 365.2 | 105.8 | 365.2 | 102.9 | 365.2 | 100.1 | 341.2 | 92.00 |
|        | 3                 | 2.2      | 386.0                     | 106.7 | 386.0 | 103.7 | 383.2 | 101.1 | 380.0 | 97.36 | 366.4 | 91.24 | 341.2 | 87.72 |
|        | 5                 | 4.1      | 390.4                     | 101.9 | 390.4 | 98.88 | 389.2 | 96.40 | 380.0 | 91.40 | 366.4 | 87.60 | 341.2 | 84.92 |
|        | 7                 | 6        | 390.4                     | 96.16 | 390.4 | 93.04 | 389.2 | 90.64 | 380.0 | 87.28 | 366.4 | 84.68 | 341.2 | 82.12 |
|        | 9                 | 7.9      | 390.4                     | 93.36 | 390.4 | 90.36 | 389.2 | 87.72 | 380.0 | 85.20 | 366.4 | 82.68 | 341.2 | 80.16 |
| 120    | 11                | 9.8      | 390.4                     | 91.88 | 390.4 | 88.96 | 389.2 | 86.40 | 380.0 | 83.84 | 366.4 | 81.36 | 341.2 | 78.92 |
|        | 13                | 11.8     | 390.4                     | 90.36 | 390.4 | 87.40 | 389.2 | 84.88 | 380.0 | 82.40 | 366.4 | 79.96 | 341.2 | 77.56 |
|        | 15                | 13.7     | 390.4                     | 88.64 | 390.4 | 85.76 | 389.2 | 83.28 | 380.0 | 80.84 | 366.4 | 78.44 | 341.2 | 76.08 |
|        | -30               | -30.2    | 116.0                     | 108.4 | 116.0 | 109.1 | 115.2 | 110.2 | 115.2 | 111.4 | 115.2 | 113.3 | 113.2 | 114.4 |
|        | -24.8             | -25      | 193.2                     | 111.5 | 193.2 | 112.2 | 192.0 | 113.4 | 192.0 | 114.6 | 192.0 | 116.4 | 188.8 | 117.6 |
|        | -21.8             | -22      | 238.4                     | 113.3 | 238.4 | 114.0 | 236.8 | 115.2 | 236.8 | 116.4 | 236.8 | 118.2 | 232.4 | 119.4 |
|        | -19.8             | -20      | 252.8                     | 114.5 | 252.8 | 115.3 | 251.2 | 116.5 | 251.2 | 117.6 | 251.2 | 119.4 | 246.4 | 120.6 |
|        | -18.8             | -19      | 258.4                     | 115.1 | 258.4 | 115.9 | 256.8 | 117.1 | 256.8 | 118.2 | 256.8 | 120.0 | 252.0 | 121.2 |
|        | -16.7             | -17      | 270.4                     | 116.4 | 270.4 | 117.2 | 268.8 | 118.4 | 268.8 | 119.5 | 268.8 | 121.3 | 263.6 | 118.4 |
|        | -15               | -15.9    | 279.2                     | 117.3 | 279.2 | 118.1 | 277.2 | 119.3 | 277.2 | 120.4 | 277.2 | 119.2 | 272.0 | 116.4 |
|        | -13.7             | -15      | 287.6                     | 118.2 | 287.6 | 119.0 | 286.0 | 120.2 | 286.0 | 121.3 | 286.0 | 117.1 | 280.4 | 114.4 |
|        | -11.8             | -13      | 297.2                     | 119.4 | 297.2 | 120.1 | 295.2 | 121.4 | 295.2 | 118.4 | 295.2 | 114.4 | 291.2 | 111.9 |
|        | -9.8              | -11      | 306.8                     | 120.6 | 306.8 | 121.4 | 305.2 | 118.1 | 305.2 | 115.2 | 305.2 | 111.7 | 302.4 | 109.2 |
|        | -9.5              | -10      | 308.8                     | 120.8 | 308.8 | 120.8 | 306.8 | 117.6 | 306.8 | 114.8 | 306.8 | 111.2 | 304.0 | 108.8 |
|        | -8.5              | -9.1     | 314.8                     | 121.4 | 314.8 | 119.1 | 312.4 | 116.0 | 312.4 | 113.2 | 312.4 | 109.9 | 309.2 | 107.5 |
|        | -7                | -7.6     | 323.6                     | 118.8 | 323.6 | 116.6 | 321.6 | 113.6 | 321.6 | 110.9 | 321.6 | 107.8 | 317.6 | 105.5 |
|        | -5                | -5.6     | 335.6                     | 115.4 | 335.6 | 113.1 | 333.6 | 110.3 | 333.6 | 107.8 | 333.6 | 105.0 | 320.4 | 100.2 |
|        | -3                | -3.7     | 347.2                     | 112.0 | 347.2 | 109.7 | 345.2 | 107.0 | 345.2 | 104.6 | 344.8 | 102.1 | 320.4 | 94.92 |
|        | 0                 | -0.7     | 365.2                     | 107.0 | 365.2 | 104.6 | 362.8 | 102.1 | 356.0 | 98.04 | 344.8 | 93.12 | 320.4 | 91.08 |
| 110    | 3                 | 2.2      | 382.8                     | 101.9 | 382.8 | 99.40 | 368.0 | 94.00 | 356.0 | 90.36 | 344.8 | 88.92 | 320.4 | 87.24 |
|        | 5                 | 4.1      | 387.6                     | 96.68 | 383.6 | 93.20 | 368.0 | 89.16 | 356.0 | 87.36 | 344.8 | 86.24 | 320.4 | 84.68 |
|        | 7                 | 6        | 387.6                     | 90.60 | 383.6 | 87.76 | 368.0 | 86.04 | 356.0 | 84.36 | 344.8 | 83.60 | 320.4 | 82.08 |
|        | 9                 | 7.9      | 387.6                     | 87.80 | 383.6 | 85.44 | 368.0 | 83.76 | 356.0 | 82.16 | 344.8 | 81.40 | 320.4 | 79.92 |
|        | 11                | 9.8      | 387.6                     | 86.20 | 383.6 | 83.88 | 368.0 | 82.20 | 356.0 | 80.68 | 344.8 | 79.88 | 320.4 | 78.44 |
|        | 13                | 11.8     | 387.6                     | 84.48 | 383.6 | 82.16 | 368.0 | 80.56 | 356.0 | 79.04 | 344.8 | 78.28 | 320.4 | 76.92 |
|        | 15                | 13.7     | 387.6                     | 82.64 | 383.6 | 80.36 | 368.0 | 78.80 | 356.0 | 77.28 | 344.8 | 76.52 | 320.4 | 75.20 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 115.6                     | 109.1 | 115.6 | 110.2 | 114.8 | 111.4 | 114.8 | 113.3 | 114.8 | 114.4 | 112.4 | 115.1 |
|        | -24.8             | -25      | 192.4                     | 112.2 | 192.4 | 113.4 | 191.2 | 114.6 | 191.2 | 116.4 | 191.2 | 117.6 | 187.2 | 118.2 |
|        | -21.8             | -22      | 237.2                     | 114.0 | 237.2 | 115.2 | 235.2 | 116.4 | 235.2 | 118.2 | 235.2 | 119.4 | 231.2 | 120.0 |
|        | -19.8             | -20      | 251.6                     | 115.3 | 251.6 | 116.5 | 250.0 | 117.6 | 250.0 | 119.4 | 250.0 | 120.6 | 245.2 | 121.2 |
|        | -18.8             | -19      | 257.2                     | 115.9 | 257.2 | 117.1 | 255.6 | 118.2 | 255.6 | 120.0 | 255.6 | 121.2 | 250.8 | 119.8 |
|        | -16.7             | -17      | 269.2                     | 117.2 | 269.2 | 118.4 | 267.6 | 119.5 | 267.6 | 121.3 | 267.6 | 118.2 | 262.4 | 116.6 |
|        | -15               | -15.9    | 277.6                     | 118.1 | 277.6 | 119.3 | 276.0 | 120.4 | 276.0 | 119.0 | 276.0 | 116.0 | 273.2 | 114.4 |
|        | -13.7             | -15      | 286.0                     | 119.0 | 286.0 | 120.2 | 284.4 | 121.3 | 284.4 | 116.7 | 284.4 | 113.8 | 284.4 | 112.1 |
|        | -11.8             | -13      | 295.2                     | 120.1 | 295.2 | 121.4 | 293.6 | 118.1 | 293.6 | 113.7 | 293.6 | 111.0 | 288.4 | 107.3 |
|        | -9.8              | -11      | 305.2                     | 121.4 | 305.2 | 117.7 | 303.6 | 114.6 | 303.6 | 110.6 | 303.6 | 108.2 | 288.4 | 101.4 |
|        | -9.5              | -10      | 306.8                     | 120.8 | 306.8 | 117.1 | 305.2 | 114.1 | 305.2 | 110.2 | 305.2 | 107.7 | 288.4 | 100.4 |
|        | -8.5              | -9.1     | 312.8                     | 118.8 | 312.8 | 115.3 | 311.2 | 112.4 | 311.2 | 108.6 | 308.8 | 105.4 | 288.4 | 98.96 |
|        | -7                | -7.6     | 322.0                     | 115.8 | 322.0 | 112.5 | 320.0 | 109.8 | 319.6 | 106.3 | 308.8 | 100.4 | 288.4 | 96.84 |
|        | -5                | -5.6     | 333.6                     | 111.8 | 333.6 | 108.8 | 330.4 | 106.0 | 319.6 | 99.60 | 308.8 | 95.96 | 288.4 | 93.96 |
|        | -3                | -3.7     | 345.6                     | 107.8 | 345.6 | 105.1 | 330.4 | 98.96 | 319.6 | 94.96 | 308.8 | 93.12 | 288.4 | 91.08 |
|        | 0                 | -0.7     | 363.2                     | 101.8 | 352.4 | 96.56 | 330.4 | 92.72 | 319.6 | 90.56 | 308.8 | 88.96 | 288.4 | 86.80 |
|        | 3                 | 2.2      | 372.8                     | 93.84 | 352.4 | 89.16 | 330.4 | 87.76 | 319.6 | 86.12 | 308.8 | 84.76 | 288.4 | 82.44 |
|        | 5                 | 4.1      | 372.8                     | 87.16 | 352.4 | 85.64 | 330.4 | 84.52 | 319.6 | 83.16 | 308.8 | 81.96 | 288.4 | 79.60 |
|        | 7                 | 6        | 372.8                     | 83.36 | 352.4 | 82.12 | 330.4 | 81.20 | 319.6 | 80.20 | 308.8 | 79.20 | 288.4 | 76.72 |
|        | 9                 | 7.9      | 372.8                     | 80.80 | 352.4 | 79.60 | 330.4 | 78.68 | 319.6 | 77.72 | 308.8 | 76.72 | 288.4 | 74.36 |
|        | 11                | 9.8      | 372.8                     | 78.96 | 352.4 | 77.76 | 330.4 | 76.88 | 319.6 | 75.92 | 308.8 | 74.92 | 288.4 | 72.64 |
|        | 13                | 11.8     | 372.8                     | 76.92 | 352.4 | 75.76 | 330.4 | 74.88 | 319.6 | 74.00 | 308.8 | 73.04 | 288.4 | 70.80 |
|        | 15                | 13.7     | 372.8                     | 74.76 | 352.4 | 73.64 | 330.4 | 72.80 | 319.6 | 71.92 | 308.8 | 71.00 | 288.4 | 68.80 |
| 100    | -30               | -30.2    | 114.8                     | 125.7 | 114.8 | 125.3 | 114.4 | 109.4 | 114.4 | 124.2 | 114.4 | 120.7 | 112.0 | 123.5 |
|        | -24.8             | -25      | 191.6                     | 124.6 | 191.6 | 124.2 | 190.4 | 115.8 | 190.4 | 123.0 | 190.4 | 122.6 | 186.4 | 122.4 |
|        | -21.8             | -22      | 235.6                     | 123.9 | 235.6 | 123.5 | 234.4 | 119.5 | 234.4 | 122.4 | 234.4 | 123.6 | 229.6 | 121.7 |
|        | -19.8             | -20      | 250.4                     | 123.5 | 250.4 | 123.0 | 249.2 | 121.8 | 249.2 | 122.0 | 249.2 | 122.1 | 244.4 | 121.2 |
|        | -18.8             | -19      | 256.0                     | 123.3 | 254.8 | 122.8 | 254.8 | 122.4 | 254.8 | 121.7 | 254.8 | 121.2 | 249.6 | 119.4 |
|        | -16.7             | -17      | 266.4                     | 122.9 | 266.4 | 122.4 | 266.4 | 123.7 | 264.8 | 121.3 | 264.8 | 117.4 | 260.0 | 115.5 |
|        | -15               | -15.9    | 275.6                     | 122.6 | 275.6 | 122.1 | 274.4 | 122.5 | 274.0 | 118.5 | 274.0 | 114.7 | 263.6 | 110.5 |
|        | -13.7             | -15      | 284.8                     | 122.2 | 284.8 | 121.8 | 282.8 | 121.3 | 282.8 | 115.8 | 282.8 | 111.9 | 263.6 | 104.3 |
|        | -11.8             | -13      | 294.0                     | 121.8 | 292.4 | 121.4 | 292.4 | 117.6 | 292.4 | 112.2 | 282.8 | 104.9 | 263.6 | 101.0 |
|        | -9.8              | -11      | 303.6                     | 121.4 | 303.6 | 117.2 | 302.4 | 113.8 | 292.4 | 105.1 | 282.8 | 99.52 | 263.6 | 97.44 |
|        | -9.5              | -10      | 305.2                     | 120.7 | 305.2 | 116.6 | 302.4 | 112.6 | 292.4 | 104.0 | 282.8 | 99.00 | 263.6 | 96.88 |
|        | -8.5              | -9.1     | 311.2                     | 118.6 | 311.2 | 114.5 | 302.4 | 108.4 | 292.4 | 100.8 | 282.8 | 97.28 | 263.6 | 95.12 |
|        | -7                | -7.6     | 325.6                     | 115.4 | 321.6 | 110.6 | 302.4 | 102.8 | 292.4 | 98.16 | 282.8 | 94.68 | 263.6 | 92.48 |
|        | -5                | -5.6     | 339.6                     | 111.0 | 321.6 | 102.7 | 302.4 | 99.08 | 292.4 | 94.60 | 282.8 | 91.20 | 263.6 | 88.92 |
|        | -3                | -3.7     | 340.8                     | 104.1 | 321.6 | 97.88 | 302.4 | 95.36 | 292.4 | 91.08 | 282.8 | 87.72 | 263.6 | 85.36 |
|        | 0                 | -0.7     | 340.8                     | 95.08 | 321.6 | 91.96 | 302.4 | 89.80 | 292.4 | 85.80 | 282.8 | 82.48 | 263.6 | 80.04 |
|        | 3                 | 2.2      | 340.8                     | 88.92 | 321.6 | 86.04 | 302.4 | 84.24 | 292.4 | 80.52 | 282.8 | 77.28 | 263.6 | 74.72 |
|        | 5                 | 4.1      | 340.8                     | 84.84 | 321.6 | 82.12 | 302.4 | 80.52 | 292.4 | 77.04 | 282.8 | 73.80 | 263.6 | 71.20 |
|        | 7                 | 6        | 340.8                     | 80.72 | 321.6 | 78.16 | 302.4 | 76.88 | 292.4 | 73.52 | 282.8 | 70.32 | 263.6 | 67.64 |
|        | 9                 | 7.9      | 340.8                     | 77.88 | 321.6 | 75.44 | 302.4 | 74.12 | 292.4 | 70.92 | 282.8 | 67.88 | 263.6 | 65.24 |
|        | 11                | 9.8      | 340.8                     | 75.72 | 321.6 | 73.36 | 302.4 | 72.08 | 292.4 | 68.92 | 282.8 | 65.96 | 263.6 | 63.44 |
|        | 13                | 11.8     | 340.8                     | 73.44 | 321.6 | 71.08 | 302.4 | 69.88 | 292.4 | 66.84 | 282.8 | 63.96 | 263.6 | 61.48 |
|        | 15                | 13.7     | 340.8                     | 70.96 | 321.6 | 68.72 | 302.4 | 67.56 | 292.4 | 64.60 | 282.8 | 61.84 | 263.6 | 59.44 |
| 90     | -30               | -30.2    | 114.4                     | 107.7 | 114.4 | 109.4 | 113.6 | 110.7 | 113.6 | 111.2 | 113.6 | 112.4 | 111.6 | 126.0 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 190.8                     | 110.8 | 190.8 | 112.6 | 189.6 | 113.8 | 189.6 | 114.4 | 189.6 | 115.6 | 186.0 | 117.4 |
|        | -21.8             | -22      | 234.8                     | 112.6 | 234.8 | 114.4 | 233.6 | 115.6 | 233.6 | 116.2 | 233.6 | 117.4 | 228.8 | 112.5 |
|        | -19.8             | -20      | 249.6                     | 113.8 | 249.6 | 115.6 | 248.0 | 116.9 | 248.0 | 117.5 | 248.0 | 114.1 | 240.8 | 108.2 |
|        | -18.8             | -19      | 256.0                     | 114.4 | 254.8 | 116.2 | 253.2 | 117.5 | 253.2 | 115.8 | 253.2 | 112.4 | 240.8 | 104.2 |
|        | -16.7             | -17      | 266.4                     | 115.7 | 266.4 | 117.5 | 265.2 | 113.9 | 265.2 | 112.1 | 259.6 | 106.5 | 240.8 | 98.80 |
|        | -15               | -15.9    | 275.6                     | 116.6 | 275.6 | 114.9 | 273.6 | 111.4 | 268.0 | 107.3 | 259.6 | 102.4 | 240.8 | 96.44 |
|        | -13.7             | -15      | 284.8                     | 117.6 | 284.8 | 112.2 | 276.8 | 106.7 | 268.0 | 101.6 | 259.6 | 98.52 | 240.8 | 94.12 |
|        | -11.8             | -13      | 294.0                     | 113.9 | 292.4 | 108.9 | 276.8 | 100.3 | 268.0 | 98.36 | 259.6 | 95.52 | 240.8 | 91.12 |
|        | -9.8              | -11      | 303.6                     | 110.1 | 293.6 | 101.9 | 276.8 | 96.96 | 268.0 | 95.04 | 259.6 | 92.32 | 240.8 | 88.00 |
|        | -9.5              | -10      | 305.2                     | 109.5 | 293.6 | 100.8 | 276.8 | 96.48 | 268.0 | 94.56 | 259.6 | 91.80 | 240.8 | 87.52 |
|        | -8.5              | -9.1     | 311.2                     | 107.6 | 293.6 | 97.88 | 276.8 | 94.84 | 268.0 | 92.92 | 259.6 | 90.24 | 240.8 | 85.96 |
|        | -7                | -7.6     | 312.0                     | 100.4 | 293.6 | 95.24 | 276.8 | 92.44 | 268.0 | 90.44 | 259.6 | 87.84 | 240.8 | 83.60 |
|        | -5                | -5.6     | 312.0                     | 95.76 | 293.6 | 91.88 | 276.8 | 89.20 | 268.0 | 87.16 | 259.6 | 84.64 | 240.8 | 80.48 |
|        | -3                | -3.7     | 312.0                     | 92.12 | 293.6 | 88.52 | 276.8 | 85.96 | 268.0 | 83.84 | 259.6 | 81.40 | 240.8 | 77.36 |
|        | 0                 | -0.7     | 312.0                     | 86.68 | 293.6 | 83.44 | 276.8 | 81.08 | 268.0 | 78.88 | 259.6 | 76.56 | 240.8 | 72.64 |
|        | 3                 | 2.2      | 312.0                     | 81.20 | 293.6 | 78.36 | 276.8 | 76.20 | 268.0 | 73.96 | 259.6 | 71.76 | 240.8 | 67.88 |
|        | 5                 | 4.1      | 312.0                     | 77.56 | 293.6 | 75.00 | 276.8 | 72.96 | 268.0 | 70.64 | 259.6 | 68.52 | 240.8 | 64.72 |
|        | 7                 | 6        | 312.0                     | 73.92 | 293.6 | 71.64 | 276.8 | 69.72 | 268.0 | 67.36 | 259.6 | 65.36 | 240.8 | 61.60 |
|        | 9                 | 7.9      | 312.0                     | 70.48 | 293.6 | 68.28 | 276.8 | 66.44 | 268.0 | 64.20 | 259.6 | 62.28 | 240.8 | 58.76 |
|        | 11                | 9.8      | 312.0                     | 67.04 | 293.6 | 64.96 | 276.8 | 63.20 | 268.0 | 61.04 | 259.6 | 59.24 | 240.8 | 55.84 |
|        | 13                | 11.8     | 312.0                     | 63.60 | 293.6 | 61.60 | 276.8 | 60.00 | 268.0 | 57.92 | 259.6 | 56.20 | 240.8 | 53.00 |
|        | 15                | 13.7     | 312.0                     | 60.16 | 293.6 | 58.32 | 276.8 | 56.72 | 268.0 | 54.80 | 259.6 | 53.16 | 240.8 | 50.12 |
| 80     | -30               | -30.2    | 114.0                     | 94.48 | 114.0 | 96.36 | 113.2 | 97.64 | 113.2 | 96.12 | 113.2 | 111.8 | 111.2 | 107.2 |
|        | -24.8             | -25      | 190.0                     | 97.68 | 190.0 | 99.48 | 188.8 | 100.8 | 188.8 | 101.4 | 188.8 | 104.3 | 185.2 | 99.96 |
|        | -21.8             | -22      | 232.4                     | 99.52 | 232.4 | 101.3 | 232.4 | 102.6 | 232.4 | 104.4 | 231.6 | 99.60 | 215.2 | 90.88 |
|        | -19.8             | -20      | 246.8                     | 100.7 | 246.8 | 102.5 | 246.8 | 104.4 | 240.0 | 98.48 | 231.6 | 92.12 | 215.2 | 88.20 |
|        | -18.8             | -19      | 252.4                     | 101.3 | 252.4 | 104.4 | 247.2 | 100.7 | 240.0 | 94.84 | 231.6 | 90.72 | 215.2 | 86.92 |
|        | -16.7             | -17      | 260.8                     | 104.4 | 260.8 | 101.2 | 247.2 | 94.48 | 240.0 | 91.60 | 231.6 | 87.88 | 215.2 | 84.16 |
|        | -15               | -15.9    | 266.8                     | 102.0 | 263.6 | 98.76 | 247.2 | 92.28 | 240.0 | 89.44 | 231.6 | 85.80 | 215.2 | 82.16 |
|        | -13.7             | -15      | 272.8                     | 99.64 | 263.6 | 95.28 | 247.2 | 90.08 | 240.0 | 87.24 | 231.6 | 83.72 | 215.2 | 80.16 |
|        | -11.8             | -13      | 279.2                     | 96.60 | 263.6 | 91.08 | 247.2 | 87.28 | 240.0 | 84.48 | 231.6 | 81.12 | 215.2 | 77.64 |
|        | -9.8              | -11      | 279.6                     | 91.16 | 263.6 | 86.88 | 247.2 | 84.32 | 240.0 | 81.56 | 231.6 | 78.32 | 215.2 | 74.96 |
|        | -9.5              | -10      | 279.6                     | 90.00 | 263.6 | 85.88 | 247.2 | 83.88 | 240.0 | 81.12 | 231.6 | 77.92 | 215.2 | 74.60 |
|        | -8.5              | -9.1     | 279.6                     | 87.56 | 263.6 | 84.00 | 247.2 | 82.40 | 240.0 | 79.68 | 231.6 | 76.60 | 215.2 | 73.28 |
|        | -7                | -7.6     | 279.6                     | 84.40 | 263.6 | 81.80 | 247.2 | 80.20 | 240.0 | 77.48 | 231.6 | 74.52 | 215.2 | 71.28 |
|        | -5                | -5.6     | 279.6                     | 81.36 | 263.6 | 78.88 | 247.2 | 77.20 | 240.0 | 74.56 | 231.6 | 71.72 | 215.2 | 68.60 |
|        | -3                | -3.7     | 279.6                     | 78.32 | 263.6 | 75.92 | 247.2 | 74.24 | 240.0 | 71.64 | 231.6 | 68.96 | 215.2 | 65.92 |
|        | 0                 | -0.7     | 279.6                     | 73.72 | 263.6 | 71.56 | 247.2 | 69.84 | 240.0 | 67.24 | 231.6 | 64.80 | 215.2 | 61.96 |
|        | 3                 | 2.2      | 279.6                     | 69.16 | 263.6 | 67.12 | 247.2 | 65.36 | 240.0 | 62.80 | 231.6 | 60.64 | 215.2 | 57.92 |
|        | 5                 | 4.1      | 279.6                     | 66.12 | 263.6 | 64.20 | 247.2 | 62.40 | 240.0 | 59.88 | 231.6 | 57.84 | 215.2 | 55.28 |
|        | 7                 | 6        | 279.6                     | 63.08 | 263.6 | 61.24 | 247.2 | 59.44 | 240.0 | 57.00 | 231.6 | 55.08 | 215.2 | 52.60 |
|        | 9                 | 7.9      | 279.6                     | 59.24 | 263.6 | 57.52 | 247.2 | 55.80 | 240.0 | 53.48 | 231.6 | 51.72 | 215.2 | 49.40 |
|        | 11                | 9.8      | 279.6                     | 54.96 | 263.6 | 53.36 | 247.2 | 51.80 | 240.0 | 49.64 | 231.6 | 48.00 | 215.2 | 45.84 |
|        | 13                | 11.8     | 279.6                     | 51.32 | 263.6 | 49.80 | 247.2 | 48.36 | 240.0 | 46.36 | 231.6 | 44.80 | 215.2 | 42.80 |
|        | 15                | 13.7     | 279.6                     | 48.28 | 263.6 | 46.88 | 247.2 | 45.48 | 240.0 | 43.60 | 231.6 | 42.16 | 215.2 | 40.28 |
| 70     | -30               | -30.2    | 114.0                     | 95.28 | 114.0 | 95.88 | 113.2 | 97.08 | 113.2 | 110.4 | 113.2 | 105.0 | 111.2 | 100.2 |
|        | -24.8             | -25      | 190.0                     | 98.48 | 190.0 | 99.08 | 188.8 | 100.3 | 188.8 | 102.1 | 188.8 | 97.32 | 184.4 | 92.36 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 223.2                     | 100.3 | 223.2 | 100.9 | 210.8 | 96.92 | 203.6 | 92.36 | 197.2 | 88.08 | 184.4 | 84.00 |
|        | -19.8             | -20      | 237.2                     | 98.04 | 223.6 | 96.92 | 210.8 | 93.72 | 203.6 | 89.36 | 197.2 | 85.28 | 184.4 | 81.24 |
|        | -18.8             | -19      | 237.2                     | 96.96 | 223.6 | 95.32 | 210.8 | 92.16 | 203.6 | 87.84 | 197.2 | 83.84 | 184.4 | 79.88 |
|        | -16.7             | -17      | 237.2                     | 93.52 | 223.6 | 91.84 | 210.8 | 88.84 | 203.6 | 84.64 | 197.2 | 80.92 | 184.4 | 77.00 |
|        | -15               | -15.9    | 237.2                     | 91.12 | 223.6 | 89.40 | 210.8 | 86.44 | 203.6 | 82.40 | 197.2 | 78.80 | 184.4 | 74.96 |
|        | -13.7             | -15      | 237.2                     | 88.68 | 223.6 | 86.92 | 210.8 | 84.04 | 203.6 | 80.16 | 197.2 | 76.64 | 184.4 | 72.88 |
|        | -11.8             | -13      | 237.2                     | 85.60 | 223.6 | 83.84 | 210.8 | 81.04 | 203.6 | 77.24 | 197.2 | 73.96 | 184.4 | 70.32 |
|        | -9.8              | -11      | 237.2                     | 82.36 | 223.6 | 80.52 | 210.8 | 77.88 | 203.6 | 74.24 | 197.2 | 71.16 | 184.4 | 67.56 |
|        | -9.5              | -10      | 237.2                     | 81.88 | 223.6 | 80.00 | 210.8 | 77.40 | 203.6 | 73.76 | 197.2 | 70.72 | 184.4 | 67.16 |
|        | -8.5              | -9.1     | 237.2                     | 80.28 | 223.6 | 78.40 | 210.8 | 75.80 | 203.6 | 72.24 | 197.2 | 69.28 | 184.4 | 65.76 |
|        | -7                | -7.6     | 237.2                     | 77.80 | 223.6 | 75.92 | 210.8 | 73.44 | 203.6 | 70.00 | 197.2 | 67.16 | 184.4 | 63.72 |
|        | -5                | -5.6     | 237.2                     | 74.56 | 223.6 | 72.64 | 210.8 | 70.20 | 203.6 | 66.96 | 197.2 | 64.32 | 184.4 | 60.96 |
|        | -3                | -3.7     | 237.2                     | 71.32 | 223.6 | 69.32 | 210.8 | 67.00 | 203.6 | 63.92 | 197.2 | 61.48 | 184.4 | 58.20 |
|        | 0                 | -0.7     | 237.2                     | 66.44 | 223.6 | 64.36 | 210.8 | 62.24 | 203.6 | 59.36 | 197.2 | 57.24 | 184.4 | 54.08 |
|        | 3                 | 2.2      | 237.2                     | 61.56 | 223.6 | 59.44 | 210.8 | 57.44 | 203.6 | 54.84 | 197.2 | 52.96 | 184.4 | 49.96 |
|        | 5                 | 4.1      | 237.2                     | 58.28 | 223.6 | 56.12 | 210.8 | 54.28 | 203.6 | 51.80 | 197.2 | 50.12 | 184.4 | 47.20 |
|        | 7                 | 6        | 237.2                     | 55.04 | 223.6 | 52.84 | 210.8 | 51.04 | 203.6 | 48.76 | 197.2 | 47.28 | 184.4 | 44.44 |
|        | 9                 | 7.9      | 237.2                     | 49.72 | 223.6 | 47.68 | 210.8 | 46.12 | 203.6 | 44.04 | 197.2 | 42.72 | 184.4 | 40.12 |
|        | 11                | 9.8      | 237.2                     | 46.28 | 223.6 | 44.40 | 210.8 | 42.92 | 203.6 | 41.00 | 197.2 | 39.76 | 184.4 | 37.36 |
|        | 13                | 11.8     | 237.2                     | 43.28 | 223.6 | 41.56 | 210.8 | 40.16 | 203.6 | 38.36 | 197.2 | 37.20 | 184.4 | 35.00 |
|        | 15                | 13.7     | 237.2                     | 40.84 | 223.6 | 39.16 | 210.8 | 37.88 | 203.6 | 36.12 | 197.2 | 35.08 | 184.4 | 32.96 |
| 60     | -30               | -30.2    | 114.0                     | 94.28 | 114.0 | 95.48 | 113.2 | 109.4 | 110.4 | 103.6 | 106.4 | 98.36 | 100.0 | 93.52 |
|        | -24.8             | -25      | 190.0                     | 97.48 | 190.0 | 98.68 | 180.8 | 96.24 | 174.4 | 90.48 | 168.4 | 85.92 | 158.0 | 81.60 |
|        | -21.8             | -22      | 203.6                     | 98.76 | 192.4 | 95.40 | 180.8 | 90.48 | 174.4 | 85.92 | 168.4 | 81.60 | 158.0 | 77.44 |
|        | -19.8             | -20      | 203.6                     | 95.40 | 192.4 | 91.96 | 180.8 | 87.24 | 174.4 | 82.88 | 168.4 | 78.76 | 158.0 | 74.68 |
|        | -18.8             | -19      | 203.6                     | 93.68 | 192.4 | 90.24 | 180.8 | 85.64 | 174.4 | 81.36 | 168.4 | 77.32 | 158.0 | 73.28 |
|        | -16.7             | -17      | 203.6                     | 90.04 | 192.4 | 86.64 | 180.8 | 82.24 | 174.4 | 78.16 | 168.4 | 74.32 | 158.0 | 70.36 |
|        | -15               | -15.9    | 203.6                     | 87.44 | 192.4 | 84.08 | 180.8 | 79.80 | 174.4 | 75.88 | 168.4 | 72.16 | 158.0 | 68.32 |
|        | -13.7             | -15      | 203.6                     | 84.84 | 192.4 | 81.52 | 180.8 | 77.40 | 174.4 | 73.60 | 168.4 | 70.04 | 158.0 | 66.24 |
|        | -11.8             | -13      | 203.6                     | 81.56 | 192.4 | 78.24 | 180.8 | 74.28 | 174.4 | 70.68 | 168.4 | 67.32 | 158.0 | 63.60 |
|        | -9.8              | -11      | 203.6                     | 78.12 | 192.4 | 74.80 | 180.8 | 71.04 | 174.4 | 67.68 | 168.4 | 64.44 | 158.0 | 60.84 |
|        | -9.5              | -10      | 203.6                     | 77.60 | 192.4 | 74.28 | 180.8 | 70.56 | 174.4 | 67.20 | 168.4 | 64.00 | 158.0 | 60.40 |
|        | -8.5              | -9.1     | 203.6                     | 75.88 | 192.4 | 72.56 | 180.8 | 68.96 | 174.4 | 65.68 | 168.4 | 62.56 | 158.0 | 59.00 |
|        | -7                | -7.6     | 203.6                     | 73.28 | 192.4 | 70.00 | 180.8 | 66.52 | 174.4 | 63.40 | 168.4 | 60.44 | 158.0 | 56.92 |
|        | -5                | -5.6     | 203.6                     | 69.76 | 192.4 | 66.52 | 180.8 | 63.24 | 174.4 | 60.36 | 168.4 | 57.56 | 158.0 | 54.16 |
|        | -3                | -3.7     | 203.6                     | 66.32 | 192.4 | 63.08 | 180.8 | 59.96 | 174.4 | 57.28 | 168.4 | 54.68 | 158.0 | 51.36 |
|        | 0                 | -0.7     | 203.6                     | 61.08 | 192.4 | 57.92 | 180.8 | 55.12 | 174.4 | 52.68 | 168.4 | 50.32 | 158.0 | 47.20 |
|        | 3                 | 2.2      | 203.6                     | 55.84 | 192.4 | 52.72 | 180.8 | 50.20 | 174.4 | 48.12 | 168.4 | 46.04 | 158.0 | 43.00 |
|        | 5                 | 4.1      | 203.6                     | 52.40 | 192.4 | 49.28 | 180.8 | 46.96 | 174.4 | 45.08 | 168.4 | 43.16 | 158.0 | 40.24 |
|        | 7                 | 6        | 203.6                     | 48.92 | 192.4 | 45.80 | 180.8 | 43.72 | 174.4 | 41.96 | 168.4 | 40.28 | 158.0 | 37.44 |
|        | 9                 | 7.9      | 203.6                     | 43.68 | 192.4 | 40.92 | 180.8 | 38.96 | 174.4 | 37.44 | 168.4 | 35.92 | 158.0 | 33.40 |
|        | 11                | 9.8      | 203.6                     | 40.72 | 192.4 | 38.20 | 180.8 | 36.40 | 174.4 | 34.96 | 168.4 | 33.56 | 158.0 | 31.20 |
|        | 13                | 11.8     | 203.6                     | 38.20 | 192.4 | 35.76 | 180.8 | 34.12 | 174.4 | 32.76 | 168.4 | 31.44 | 158.0 | 29.24 |
|        | 15                | 13.7     | 203.6                     | 36.08 | 192.4 | 33.80 | 180.8 | 32.20 | 174.4 | 30.96 | 168.4 | 29.68 | 158.0 | 27.64 |
| 50     | -30               | -30.2    | 107.2                     | 82.12 | 101.2 | 95.00 | 95.20 | 89.92 | 92.00 | 85.28 | 89.20 | 80.72 | 82.80 | 76.76 |
|        | -24.8             | -25      | 169.6                     | 80.96 | 160.0 | 82.68 | 150.4 | 78.36 | 145.6 | 74.32 | 140.8 | 70.52 | 130.8 | 66.96 |
|        | -21.8             | -22      | 169.6                     | 82.72 | 160.0 | 78.40 | 150.4 | 74.36 | 145.6 | 70.52 | 140.8 | 66.96 | 130.8 | 63.56 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 169.6                     | 79.72 | 160.0 | 75.52 | 150.4 | 71.68 | 145.6 | 67.96 | 140.8 | 64.60 | 130.8 | 61.24 |
|        | -18.8             | -19      | 169.6                     | 78.20 | 160.0 | 74.08 | 150.4 | 70.32 | 145.6 | 66.76 | 140.8 | 63.40 | 130.8 | 60.12 |
|        | -16.7             | -17      | 169.6                     | 75.08 | 160.0 | 71.08 | 150.4 | 67.56 | 145.6 | 64.08 | 140.8 | 60.96 | 130.8 | 57.72 |
|        | -15               | -15.9    | 169.6                     | 72.84 | 160.0 | 68.92 | 150.4 | 65.52 | 145.6 | 62.16 | 140.8 | 59.20 | 130.8 | 56.04 |
|        | -13.7             | -15      | 169.6                     | 70.60 | 160.0 | 66.80 | 150.4 | 63.52 | 145.6 | 60.28 | 140.8 | 57.40 | 130.8 | 54.32 |
|        | -11.8             | -13      | 169.6                     | 67.80 | 160.0 | 64.08 | 150.4 | 60.96 | 145.6 | 57.84 | 140.8 | 55.16 | 130.8 | 52.16 |
|        | -9.8              | -11      | 169.6                     | 64.80 | 160.0 | 61.20 | 150.4 | 58.28 | 145.6 | 55.28 | 140.8 | 52.76 | 130.8 | 49.84 |
|        | -9.5              | -10      | 169.6                     | 64.32 | 160.0 | 60.80 | 150.4 | 57.88 | 145.6 | 54.92 | 140.8 | 52.44 | 130.8 | 49.52 |
|        | -8.5              | -9.1     | 169.6                     | 62.80 | 160.0 | 59.36 | 150.4 | 56.52 | 145.6 | 53.64 | 140.8 | 51.24 | 130.8 | 48.36 |
|        | -7                | -7.6     | 169.6                     | 60.60 | 160.0 | 57.20 | 150.4 | 54.52 | 145.6 | 51.76 | 140.8 | 49.48 | 130.8 | 46.68 |
|        | -5                | -5.6     | 169.6                     | 57.56 | 160.0 | 54.32 | 150.4 | 51.84 | 145.6 | 49.20 | 140.8 | 47.08 | 130.8 | 44.36 |
|        | -3                | -3.7     | 169.6                     | 54.56 | 160.0 | 51.44 | 150.4 | 49.12 | 145.6 | 46.64 | 140.8 | 44.72 | 130.8 | 42.12 |
|        | 0                 | -0.7     | 169.6                     | 50.08 | 160.0 | 47.08 | 150.4 | 45.08 | 145.6 | 42.80 | 140.8 | 41.16 | 130.8 | 38.64 |
|        | 3                 | 2.2      | 169.6                     | 45.56 | 160.0 | 42.80 | 150.4 | 41.08 | 145.6 | 38.96 | 140.8 | 37.60 | 130.8 | 35.20 |
|        | 5                 | 4.1      | 169.6                     | 42.56 | 160.0 | 39.92 | 150.4 | 38.36 | 145.6 | 36.44 | 140.8 | 35.20 | 130.8 | 32.92 |
|        | 7                 | 6        | 169.6                     | 39.56 | 160.0 | 37.04 | 150.4 | 35.68 | 145.6 | 33.88 | 140.8 | 32.80 | 130.8 | 30.64 |
|        | 9                 | 7.9      | 169.6                     | 35.72 | 160.0 | 33.44 | 150.4 | 32.20 | 145.6 | 30.60 | 140.8 | 29.64 | 130.8 | 27.64 |
|        | 11                | 9.8      | 169.6                     | 33.40 | 160.0 | 31.28 | 150.4 | 30.12 | 145.6 | 28.64 | 140.8 | 27.72 | 130.8 | 25.88 |
|        | 13                | 11.8     | 169.6                     | 31.36 | 160.0 | 29.40 | 150.4 | 28.28 | 145.6 | 26.88 | 140.8 | 26.04 | 130.8 | 24.32 |
|        | 15                | 13.7     | 169.6                     | 29.68 | 160.0 | 27.76 | 150.4 | 26.80 | 145.6 | 25.44 | 140.8 | 24.64 | 130.8 | 23.00 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### 7.4 Heating Operation : Advanced SLC

ARUM080LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 130    | -30               | -30.2    | 9.90                      | 7.23 | 9.90  | 7.28 | 9.80  | 7.32 | 9.80  | 7.39 | 9.80  | 7.45 | 9.60  | 7.55 |
|        | -24.8             | -25      | 16.40                     | 7.33 | 16.40 | 7.38 | 16.30 | 7.42 | 16.30 | 7.49 | 16.30 | 7.55 | 16.00 | 7.65 |
|        | -21.8             | -22      | 20.00                     | 7.39 | 20.00 | 7.44 | 19.90 | 7.48 | 19.90 | 7.55 | 19.90 | 7.61 | 19.50 | 7.71 |
|        | -19.8             | -20      | 21.20                     | 7.42 | 21.20 | 7.47 | 21.00 | 7.52 | 21.00 | 7.58 | 21.00 | 7.64 | 20.60 | 7.74 |
|        | -18.8             | -19      | 21.60                     | 7.45 | 21.60 | 7.50 | 21.50 | 7.54 | 21.50 | 7.60 | 21.50 | 7.66 | 21.10 | 7.75 |
|        | -16.7             | -17      | 22.70                     | 7.49 | 22.70 | 7.53 | 22.60 | 7.58 | 22.60 | 7.63 | 22.60 | 7.69 | 22.10 | 7.79 |
|        | -15               | -15.9    | 23.40                     | 7.51 | 23.40 | 7.55 | 23.30 | 7.60 | 23.30 | 7.66 | 23.30 | 7.72 | 22.80 | 7.80 |
|        | -13.7             | -15      | 24.10                     | 7.53 | 24.10 | 7.58 | 24.00 | 7.62 | 24.00 | 7.69 | 24.00 | 7.75 | 23.50 | 7.81 |
|        | -11.8             | -13      | 25.00                     | 7.58 | 25.00 | 7.62 | 24.80 | 7.66 | 24.80 | 7.72 | 24.80 | 7.79 | 24.50 | 7.86 |
|        | -9.8              | -11      | 25.80                     | 7.61 | 25.80 | 7.66 | 25.60 | 7.69 | 25.60 | 7.74 | 25.60 | 7.80 | 25.40 | 7.90 |
|        | -9.5              | -10      | 25.90                     | 7.61 | 25.90 | 7.66 | 25.80 | 7.65 | 25.80 | 7.70 | 25.70 | 7.75 | 25.60 | 7.85 |
|        | -8.5              | -9.1     | 26.50                     | 7.63 | 26.50 | 7.68 | 26.30 | 7.70 | 26.30 | 7.75 | 26.10 | 7.80 | 26.00 | 7.90 |
|        | -7                | -7.6     | 27.20                     | 7.66 | 27.20 | 7.71 | 27.00 | 7.73 | 27.00 | 7.78 | 27.00 | 7.83 | 26.80 | 7.95 |
|        | -5                | -5.6     | 28.20                     | 7.73 | 28.20 | 7.78 | 27.90 | 7.80 | 27.90 | 7.85 | 27.90 | 7.90 | 27.70 | 8.00 |
|        | -3                | -3.7     | 29.10                     | 7.78 | 29.10 | 7.83 | 29.00 | 7.85 | 29.00 | 7.90 | 29.00 | 7.95 | 28.40 | 8.05 |
|        | 0                 | -0.7     | 30.60                     | 7.83 | 30.60 | 7.88 | 30.50 | 7.90 | 30.50 | 7.95 | 30.50 | 8.00 | 28.40 | 8.10 |
|        | 3                 | 2.2      | 32.10                     | 7.88 | 32.10 | 7.93 | 31.80 | 7.95 | 31.70 | 8.00 | 30.60 | 8.05 | 28.40 | 8.15 |
|        | 5                 | 4.1      | 30.90                     | 7.93 | 30.70 | 7.98 | 30.50 | 8.00 | 29.70 | 8.05 | 28.60 | 8.10 | 26.40 | 8.20 |
|        | 7                 | 6        | 29.10                     | 7.98 | 28.80 | 8.03 | 28.50 | 8.05 | 27.60 | 8.10 | 26.50 | 8.15 | 24.20 | 8.25 |
|        | 9                 | 7.9      | 27.20                     | 8.03 | 26.80 | 8.08 | 26.30 | 8.10 | 25.50 | 8.15 | 24.30 | 8.20 | 22.10 | 8.30 |
| 120    | 11                | 9.8      | 25.30                     | 8.08 | 24.80 | 8.13 | 24.10 | 8.15 | 23.20 | 8.20 | 22.10 | 8.25 | 19.80 | 8.35 |
|        | 13                | 11.8     | 23.30                     | 8.13 | 22.70 | 8.18 | 21.90 | 8.20 | 20.90 | 8.25 | 19.80 | 8.30 | 17.50 | 8.40 |
|        | 15                | 13.7     | 21.30                     | 8.18 | 20.50 | 8.23 | 19.50 | 8.25 | 18.60 | 8.30 | 17.40 | 8.35 | 15.10 | 8.45 |
|        | -30               | -30.2    | 9.80                      | 7.28 | 9.80  | 7.32 | 9.70  | 7.39 | 9.70  | 7.45 | 9.70  | 7.55 | 9.60  | 7.64 |
|        | -24.8             | -25      | 16.30                     | 7.38 | 16.30 | 7.42 | 16.20 | 7.49 | 16.20 | 7.55 | 16.20 | 7.65 | 15.90 | 7.72 |
|        | -21.8             | -22      | 19.90                     | 7.44 | 19.90 | 7.48 | 19.80 | 7.55 | 19.80 | 7.61 | 19.80 | 7.71 | 19.40 | 7.77 |
|        | -19.8             | -20      | 21.00                     | 7.47 | 21.00 | 7.52 | 20.90 | 7.58 | 20.90 | 7.64 | 20.90 | 7.74 | 20.50 | 7.81 |
|        | -18.8             | -19      | 21.50                     | 7.50 | 21.50 | 7.54 | 21.40 | 7.60 | 21.40 | 7.66 | 21.40 | 7.75 | 21.00 | 7.82 |
|        | -16.7             | -17      | 22.60                     | 7.53 | 22.60 | 7.58 | 22.40 | 7.63 | 22.40 | 7.69 | 22.40 | 7.79 | 21.90 | 7.87 |
|        | -15               | -15.9    | 23.30                     | 7.55 | 23.30 | 7.60 | 23.10 | 7.66 | 23.10 | 7.72 | 23.10 | 7.80 | 22.70 | 7.93 |
|        | -13.7             | -15      | 24.00                     | 7.58 | 24.00 | 7.62 | 23.80 | 7.69 | 23.80 | 7.75 | 23.80 | 7.81 | 23.40 | 7.99 |
|        | -11.8             | -13      | 24.80                     | 7.62 | 24.80 | 7.66 | 24.70 | 7.72 | 24.70 | 7.78 | 24.70 | 7.84 | 24.40 | 8.06 |
|        | -9.8              | -11      | 25.60                     | 7.66 | 25.60 | 7.69 | 25.50 | 7.73 | 25.50 | 7.79 | 25.50 | 7.85 | 25.30 | 8.13 |
|        | -9.5              | -10      | 25.70                     | 7.66 | 25.70 | 7.65 | 25.60 | 7.39 | 25.60 | 7.17 | 25.60 | 6.89 | 25.40 | 6.71 |
|        | -8.5              | -9.1     | 26.30                     | 7.68 | 26.30 | 7.49 | 26.10 | 7.24 | 26.10 | 7.03 | 26.10 | 6.77 | 25.90 | 6.59 |
|        | -7                | -7.6     | 27.00                     | 7.44 | 27.00 | 7.26 | 26.80 | 7.03 | 26.80 | 6.82 | 26.80 | 6.58 | 26.60 | 6.42 |
|        | -5                | -5.6     | 27.90                     | 7.15 | 27.90 | 6.98 | 27.80 | 6.76 | 27.80 | 6.57 | 27.80 | 6.36 | 26.70 | 6.00 |
|        | -3                | -3.7     | 29.00                     | 6.86 | 29.00 | 6.70 | 28.80 | 6.50 | 28.80 | 6.32 | 28.80 | 6.14 | 26.70 | 5.68 |
|        | 0                 | -0.7     | 30.40                     | 6.44 | 30.40 | 6.27 | 30.30 | 6.10 | 29.70 | 5.83 | 28.80 | 5.52 | 26.70 | 5.38 |
|        | 3                 | 2.2      | 31.80                     | 6.00 | 31.80 | 5.85 | 30.70 | 5.53 | 29.70 | 5.29 | 28.80 | 5.19 | 26.70 | 5.08 |
|        | 5                 | 4.1      | 30.60                     | 5.10 | 30.20 | 4.89 | 28.80 | 4.63 | 27.80 | 4.52 | 26.90 | 4.45 | 24.80 | 4.34 |
|        | 7                 | 6        | 28.80                     | 4.21 | 28.30 | 4.05 | 26.90 | 3.93 | 25.90 | 3.83 | 24.90 | 3.78 | 22.80 | 3.67 |
|        | 9                 | 7.9      | 27.00                     | 3.59 | 26.30 | 3.45 | 24.90 | 3.34 | 23.80 | 3.25 | 22.90 | 3.20 | 20.80 | 3.09 |
|        | 11                | 9.8      | 25.10                     | 3.09 | 24.30 | 2.95 | 22.80 | 2.84 | 21.80 | 2.76 | 20.80 | 2.70 | 18.60 | 2.59 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 120    | 13                | 11.8     | 23.10                     | 2.62 | 22.30 | 2.50 | 20.70 | 2.39 | 19.60 | 2.32 | 18.60 | 2.27 | 16.40 | 2.16 |
|        | 15                | 13.7     | 21.10                     | 2.21 | 20.10 | 2.09 | 18.40 | 2.00 | 17.40 | 1.93 | 16.40 | 1.89 | 14.20 | 1.79 |
| 110    | -30               | -30.2    | 9.70                      | 7.32 | 9.70  | 7.39 | 9.70  | 7.45 | 9.70  | 7.55 | 9.70  | 7.64 | 9.50  | 7.65 |
|        | -24.8             | -25      | 16.20                     | 7.42 | 16.20 | 7.49 | 16.10 | 7.55 | 16.10 | 7.65 | 16.10 | 7.72 | 15.80 | 7.75 |
|        | -21.8             | -22      | 19.80                     | 7.48 | 19.80 | 7.55 | 19.70 | 7.61 | 19.70 | 7.71 | 19.70 | 7.77 | 19.30 | 7.81 |
|        | -19.8             | -20      | 20.90                     | 7.52 | 20.90 | 7.58 | 20.80 | 7.64 | 20.80 | 7.74 | 20.80 | 7.81 | 20.30 | 7.84 |
|        | -18.8             | -19      | 21.40                     | 7.54 | 21.40 | 7.60 | 21.30 | 7.66 | 21.30 | 7.75 | 21.30 | 7.82 | 20.80 | 7.70 |
|        | -16.7             | -17      | 22.50                     | 7.58 | 22.50 | 7.63 | 22.20 | 7.69 | 22.20 | 7.79 | 22.20 | 7.86 | 21.80 | 7.74 |
|        | -15               | -15.9    | 23.20                     | 7.60 | 23.20 | 7.66 | 23.00 | 7.72 | 23.00 | 7.79 | 23.00 | 7.86 | 22.80 | 7.74 |
|        | -13.7             | -15      | 23.90                     | 7.62 | 23.90 | 7.69 | 23.70 | 7.75 | 23.70 | 7.82 | 23.70 | 7.89 | 23.70 | 7.86 |
|        | -11.8             | -13      | 24.70                     | 7.66 | 24.70 | 7.72 | 24.60 | 7.78 | 24.60 | 7.85 | 24.60 | 7.92 | 24.00 | 7.80 |
|        | -9.8              | -11      | 25.50                     | 7.69 | 25.50 | 7.75 | 25.30 | 7.81 | 25.30 | 7.88 | 25.30 | 7.95 | 24.00 | 7.83 |
|        | -9.5              | -10      | 25.60                     | 7.70 | 25.60 | 7.76 | 25.50 | 7.82 | 25.50 | 7.89 | 25.50 | 7.96 | 24.00 | 7.84 |
|        | -8.5              | -9.1     | 26.10                     | 7.72 | 26.10 | 7.78 | 25.90 | 7.84 | 25.90 | 7.91 | 25.80 | 7.98 | 24.00 | 7.85 |
|        | -7                | -7.6     | 26.90                     | 7.76 | 26.90 | 7.82 | 26.70 | 7.88 | 26.70 | 7.95 | 25.80 | 8.02 | 24.00 | 7.86 |
|        | -5                | -5.6     | 27.80                     | 7.80 | 27.80 | 7.86 | 27.60 | 7.92 | 27.60 | 7.99 | 25.80 | 8.05 | 24.00 | 7.87 |
|        | -3                | -3.7     | 28.80                     | 7.84 | 28.80 | 7.90 | 28.60 | 7.96 | 28.60 | 8.03 | 25.80 | 8.08 | 24.00 | 7.88 |
|        | 0                 | -0.7     | 30.30                     | 7.88 | 29.40 | 7.94 | 29.20 | 8.00 | 29.20 | 8.07 | 25.80 | 8.11 | 24.00 | 7.89 |
|        | 3                 | 2.2      | 31.10                     | 7.92 | 29.40 | 7.98 | 29.20 | 8.04 | 29.20 | 8.11 | 25.80 | 8.14 | 24.00 | 7.90 |
|        | 5                 | 4.1      | 29.40                     | 7.96 | 27.70 | 8.02 | 25.90 | 8.08 | 25.00 | 8.15 | 24.10 | 8.22 | 22.30 | 7.91 |
|        | 7                 | 6        | 27.70                     | 8.00 | 26.00 | 8.06 | 24.20 | 8.12 | 23.20 | 8.19 | 22.30 | 8.26 | 20.50 | 7.92 |
|        | 9                 | 7.9      | 26.00                     | 8.04 | 24.20 | 8.10 | 22.40 | 8.16 | 21.40 | 8.23 | 20.50 | 8.30 | 18.70 | 7.93 |
|        | 11                | 9.8      | 24.10                     | 8.08 | 22.40 | 8.14 | 20.50 | 8.20 | 19.60 | 8.27 | 18.60 | 8.34 | 16.80 | 7.94 |
| 100    | 13                | 11.8     | 22.20                     | 8.12 | 20.40 | 8.18 | 18.60 | 8.24 | 17.60 | 8.31 | 16.70 | 8.38 | 14.80 | 7.95 |
|        | 15                | 13.7     | 20.30                     | 8.16 | 18.50 | 8.22 | 16.60 | 8.28 | 15.60 | 8.35 | 14.70 | 8.42 | 12.70 | 7.96 |
|        | -30               | -30.2    | 9.70                      | 8.41 | 9.70  | 8.37 | 9.70  | 7.25 | 9.70  | 8.26 | 9.70  | 8.03 | 9.50  | 8.22 |
|        | -24.8             | -25      | 16.20                     | 8.22 | 16.20 | 8.18 | 16.10 | 7.59 | 16.10 | 8.08 | 16.10 | 8.04 | 15.80 | 8.02 |
|        | -21.8             | -22      | 19.70                     | 8.11 | 19.70 | 8.07 | 19.60 | 7.79 | 19.60 | 7.98 | 19.60 | 8.04 | 19.20 | 7.91 |
|        | -19.8             | -20      | 20.80                     | 8.04 | 20.80 | 8.01 | 20.70 | 7.91 | 20.70 | 7.91 | 20.70 | 7.90 | 20.20 | 7.84 |
|        | -18.8             | -19      | 21.30                     | 8.01 | 21.20 | 7.97 | 21.20 | 7.93 | 21.20 | 7.87 | 21.20 | 7.82 | 20.80 | 7.68 |
|        | -16.7             | -17      | 22.10                     | 7.93 | 22.10 | 7.89 | 22.10 | 7.97 | 22.00 | 7.79 | 22.00 | 7.51 | 21.60 | 7.37 |
|        | -15               | -15.9    | 23.00                     | 7.88 | 23.00 | 7.84 | 22.90 | 7.86 | 22.80 | 7.56 | 22.80 | 7.28 | 22.00 | 7.02 |
|        | -13.7             | -15      | 23.80                     | 7.83 | 23.80 | 7.79 | 23.60 | 7.75 | 23.60 | 7.34 | 23.60 | 7.06 | 22.00 | 6.57 |
|        | -11.8             | -13      | 24.60                     | 7.76 | 24.50 | 7.72 | 24.50 | 7.44 | 24.40 | 7.03 | 23.60 | 6.55 | 22.00 | 6.30 |
|        | -9.8              | -11      | 25.30                     | 7.69 | 25.30 | 7.38 | 25.20 | 7.12 | 24.40 | 6.54 | 23.60 | 6.15 | 22.00 | 6.03 |
|        | -9.5              | -10      | 25.50                     | 7.64 | 25.50 | 7.33 | 25.20 | 7.01 | 24.40 | 6.43 | 23.60 | 6.11 | 22.00 | 5.98 |
|        | -8.5              | -9.1     | 25.90                     | 7.46 | 25.90 | 7.15 | 25.20 | 6.74 | 24.40 | 6.21 | 23.60 | 5.98 | 22.00 | 5.85 |
|        | -7                | -7.6     | 27.20                     | 7.19 | 26.80 | 6.85 | 25.20 | 6.33 | 24.40 | 6.00 | 23.60 | 5.78 | 22.00 | 5.64 |
|        | -5                | -5.6     | 28.40                     | 6.85 | 26.80 | 6.30 | 25.20 | 6.05 | 24.40 | 5.75 | 23.60 | 5.52 | 22.00 | 5.38 |
|        | -3                | -3.7     | 28.40                     | 6.34 | 26.80 | 5.95 | 25.20 | 5.78 | 24.40 | 5.49 | 23.60 | 5.27 | 22.00 | 5.12 |
|        | 0                 | -0.7     | 28.40                     | 5.71 | 26.80 | 5.50 | 25.20 | 5.35 | 24.40 | 5.10 | 23.60 | 4.90 | 22.00 | 4.75 |
|        | 3                 | 2.2      | 28.40                     | 5.23 | 26.80 | 5.05 | 25.20 | 4.94 | 24.40 | 4.71 | 23.60 | 4.52 | 22.00 | 4.36 |
|        | 5                 | 4.1      | 26.90                     | 4.47 | 25.30 | 4.31 | 23.70 | 4.20 | 22.80 | 4.02 | 22.00 | 3.83 | 20.40 | 3.68 |
|        | 7                 | 6        | 25.30                     | 3.78 | 23.70 | 3.64 | 22.10 | 3.55 | 21.20 | 3.38 | 20.40 | 3.23 | 18.80 | 3.07 |
|        | 9                 | 7.9      | 23.70                     | 3.23 | 22.10 | 3.10 | 20.40 | 3.00 | 19.60 | 2.86 | 18.80 | 2.71 | 17.10 | 2.57 |
|        | 11                | 9.8      | 22.00                     | 2.76 | 20.40 | 2.64 | 18.70 | 2.55 | 17.90 | 2.42 | 17.00 | 2.29 | 15.40 | 2.16 |
|        | 13                | 11.8     | 20.30                     | 2.33 | 18.60 | 2.22 | 17.00 | 2.15 | 16.10 | 2.03 | 15.30 | 1.92 | 13.60 | 1.81 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 100    | 15                | 13.7     | 18.50                     | 1.96 | 16.80 | 1.86 | 15.10 | 1.79 | 14.30 | 1.69 | 13.40 | 1.60 | 11.70 | 1.50 |
| 90     | -30               | -30.2    | 9.70                      | 7.21 | 9.70  | 7.31 | 9.60  | 7.38 | 9.60  | 7.41 | 9.60  | 7.48 | 9.40  | 8.41 |
|        | -24.8             | -25      | 16.10                     | 7.31 | 16.10 | 7.41 | 16.00 | 7.48 | 16.00 | 7.52 | 16.00 | 7.59 | 15.70 | 7.69 |
|        | -21.8             | -22      | 19.60                     | 7.37 | 19.60 | 7.47 | 19.50 | 7.54 | 19.50 | 7.57 | 19.50 | 7.64 | 19.10 | 7.27 |
|        | -19.8             | -20      | 20.80                     | 7.42 | 20.80 | 7.50 | 20.60 | 7.57 | 20.60 | 7.61 | 20.60 | 7.36 | 20.10 | 7.00 |
|        | -18.8             | -19      | 21.30                     | 7.43 | 21.20 | 7.53 | 21.10 | 7.60 | 21.10 | 7.46 | 21.10 | 7.22 | 20.10 | 6.69 |
|        | -16.7             | -17      | 22.10                     | 7.47 | 22.10 | 7.57 | 22.10 | 7.29 | 22.10 | 7.17 | 21.60 | 6.76 | 20.10 | 6.25 |
|        | -15               | -15.9    | 23.00                     | 7.50 | 23.00 | 7.35 | 22.80 | 7.08 | 22.30 | 6.79 | 21.60 | 6.47 | 20.10 | 6.07 |
|        | -13.7             | -15      | 23.80                     | 7.53 | 23.80 | 7.13 | 23.10 | 6.75 | 22.30 | 6.40 | 21.60 | 6.19 | 20.10 | 5.89 |
|        | -11.8             | -13      | 24.60                     | 7.22 | 24.50 | 6.85 | 23.10 | 6.27 | 22.30 | 6.14 | 21.60 | 5.95 | 20.10 | 5.65 |
|        | -9.8              | -11      | 25.30                     | 6.90 | 24.50 | 6.35 | 23.10 | 6.01 | 22.30 | 5.88 | 21.60 | 5.70 | 20.10 | 5.41 |
|        | -9.5              | -10      | 25.50                     | 6.86 | 24.50 | 6.25 | 23.10 | 5.97 | 22.30 | 5.84 | 21.60 | 5.66 | 20.10 | 5.37 |
|        | -8.5              | -9.1     | 25.90                     | 6.70 | 24.50 | 6.04 | 23.10 | 5.84 | 22.30 | 5.71 | 21.60 | 5.53 | 20.10 | 5.25 |
|        | -7                | -7.6     | 26.00                     | 6.18 | 24.50 | 5.83 | 23.10 | 5.64 | 22.30 | 5.52 | 21.60 | 5.35 | 20.10 | 5.07 |
|        | -5                | -5.6     | 26.00                     | 5.86 | 24.50 | 5.58 | 23.10 | 5.41 | 22.30 | 5.28 | 21.60 | 5.11 | 20.10 | 4.85 |
|        | -3                | -3.7     | 26.00                     | 5.58 | 24.50 | 5.34 | 23.10 | 5.17 | 22.30 | 5.04 | 21.60 | 4.88 | 20.10 | 4.63 |
|        | 0                 | -0.7     | 26.00                     | 5.17 | 24.50 | 4.96 | 23.10 | 4.81 | 22.30 | 4.67 | 21.60 | 4.54 | 20.10 | 4.29 |
|        | 3                 | 2.2      | 26.00                     | 4.77 | 24.50 | 4.58 | 23.10 | 4.45 | 22.30 | 4.32 | 21.60 | 4.19 | 20.10 | 3.96 |
|        | 5                 | 4.1      | 24.60                     | 4.09 | 23.10 | 3.93 | 21.70 | 3.82 | 20.90 | 3.68 | 20.20 | 3.57 | 18.70 | 3.36 |
|        | 7                 | 6        | 23.20                     | 3.49 | 21.70 | 3.36 | 20.20 | 3.25 | 19.40 | 3.12 | 18.70 | 3.02 | 17.20 | 2.82 |
|        | 9                 | 7.9      | 21.70                     | 2.96 | 20.20 | 2.84 | 18.70 | 2.74 | 17.90 | 2.63 | 17.20 | 2.53 | 15.60 | 2.36 |
|        | 11                | 9.8      | 20.20                     | 2.50 | 18.60 | 2.39 | 17.20 | 2.29 | 16.30 | 2.20 | 15.60 | 2.12 | 14.00 | 1.97 |
|        | 13                | 11.8     | 18.60                     | 2.08 | 17.00 | 1.99 | 15.50 | 1.91 | 14.70 | 1.83 | 14.00 | 1.76 | 12.40 | 1.62 |
| 80     | 15                | 13.7     | 17.00                     | 1.74 | 15.40 | 1.65 | 13.90 | 1.58 | 13.10 | 1.51 | 12.30 | 1.45 | 10.70 | 1.34 |
|        | -30               | -30.2    | 9.60                      | 6.34 | 9.60  | 6.45 | 9.60  | 6.52 | 9.60  | 6.42 | 9.60  | 7.46 | 9.40  | 7.11 |
|        | -24.8             | -25      | 16.00                     | 6.46 | 16.00 | 6.56 | 15.90 | 6.63 | 15.90 | 6.66 | 15.90 | 6.83 | 15.60 | 6.51 |
|        | -21.8             | -22      | 19.40                     | 6.52 | 19.40 | 6.62 | 19.40 | 6.69 | 19.40 | 6.79 | 19.30 | 6.44 | 17.90 | 5.84 |
|        | -19.8             | -20      | 20.50                     | 6.57 | 20.50 | 6.65 | 20.50 | 6.76 | 20.00 | 6.39 | 19.30 | 5.91 | 17.90 | 5.63 |
|        | -18.8             | -19      | 21.00                     | 6.58 | 21.00 | 6.75 | 20.60 | 6.51 | 20.00 | 6.10 | 19.30 | 5.80 | 17.90 | 5.53 |
|        | -16.7             | -17      | 21.70                     | 6.73 | 21.70 | 6.48 | 20.60 | 6.03 | 20.00 | 5.84 | 19.30 | 5.56 | 17.90 | 5.30 |
|        | -15               | -15.9    | 22.20                     | 6.52 | 22.00 | 6.29 | 20.60 | 5.85 | 20.00 | 5.65 | 19.30 | 5.40 | 17.90 | 5.14 |
|        | -13.7             | -15      | 22.80                     | 6.32 | 22.00 | 6.03 | 20.60 | 5.68 | 20.00 | 5.48 | 19.30 | 5.23 | 17.90 | 4.99 |
|        | -11.8             | -13      | 23.30                     | 6.08 | 22.00 | 5.69 | 20.60 | 5.45 | 20.00 | 5.26 | 19.30 | 5.03 | 17.90 | 4.80 |
|        | -9.8              | -11      | 23.30                     | 5.66 | 22.00 | 5.38 | 20.60 | 5.22 | 20.00 | 5.03 | 19.30 | 4.82 | 17.90 | 4.59 |
|        | -9.5              | -10      | 23.30                     | 5.60 | 22.00 | 5.31 | 20.60 | 5.19 | 20.00 | 5.00 | 19.30 | 4.78 | 17.90 | 4.56 |
|        | -8.5              | -9.1     | 23.30                     | 5.40 | 22.00 | 5.17 | 20.60 | 5.07 | 20.00 | 4.88 | 19.30 | 4.68 | 17.90 | 4.46 |
|        | -7                | -7.6     | 23.30                     | 5.17 | 22.00 | 5.00 | 20.60 | 4.89 | 20.00 | 4.71 | 19.30 | 4.52 | 17.90 | 4.31 |
|        | -5                | -5.6     | 23.30                     | 4.95 | 22.00 | 4.78 | 20.60 | 4.67 | 20.00 | 4.51 | 19.30 | 4.32 | 17.90 | 4.12 |
|        | -3                | -3.7     | 23.30                     | 4.72 | 22.00 | 4.56 | 20.60 | 4.46 | 20.00 | 4.30 | 19.30 | 4.12 | 17.90 | 3.93 |
|        | 0                 | -0.7     | 23.30                     | 4.38 | 22.00 | 4.24 | 20.60 | 4.14 | 20.00 | 3.98 | 19.30 | 3.83 | 17.90 | 3.65 |
|        | 3                 | 2.2      | 23.30                     | 4.05 | 22.00 | 3.92 | 20.60 | 3.82 | 20.00 | 3.67 | 19.30 | 3.53 | 17.90 | 3.38 |
|        | 5                 | 4.1      | 22.10                     | 3.49 | 20.70 | 3.38 | 19.30 | 3.28 | 18.70 | 3.14 | 18.00 | 3.02 | 16.60 | 2.87 |
|        | 7                 | 6        | 20.80                     | 3.00 | 19.40 | 2.90 | 18.00 | 2.79 | 17.40 | 2.66 | 16.70 | 2.56 | 15.30 | 2.43 |
|        | 9                 | 7.9      | 19.40                     | 2.56 | 18.10 | 2.46 | 16.70 | 2.36 | 16.10 | 2.25 | 15.30 | 2.17 | 13.90 | 2.05 |
|        | 11                | 9.8      | 18.10                     | 2.15 | 16.70 | 2.06 | 15.30 | 1.97 | 14.70 | 1.88 | 13.90 | 1.81 | 12.50 | 1.70 |
|        | 13                | 11.8     | 16.70                     | 1.81 | 15.30 | 1.74 | 13.90 | 1.66 | 13.20 | 1.58 | 12.50 | 1.52 | 11.00 | 1.43 |
|        | 15                | 13.7     | 15.20                     | 1.54 | 13.80 | 1.48 | 12.40 | 1.41 | 11.70 | 1.34 | 11.00 | 1.28 | 9.50  | 1.21 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 70     | -30               | -30.2    | 9.60                      | 6.37 | 9.60  | 6.40 | 9.60  | 6.47 | 9.60  | 7.36 | 9.60  | 6.94 | 9.40  | 6.62 |
|        | -24.8             | -25      | 16.00                     | 6.48 | 16.00 | 6.51 | 15.90 | 6.58 | 15.90 | 6.68 | 15.90 | 6.33 | 15.40 | 5.94 |
|        | -21.8             | -22      | 18.70                     | 6.54 | 18.70 | 6.57 | 17.60 | 6.30 | 17.00 | 5.97 | 16.50 | 5.67 | 15.40 | 5.38 |
|        | -19.8             | -20      | 19.80                     | 6.40 | 18.70 | 6.28 | 17.60 | 6.04 | 17.00 | 5.74 | 16.50 | 5.45 | 15.40 | 5.17 |
|        | -18.8             | -19      | 19.80                     | 6.26 | 18.70 | 6.14 | 17.60 | 5.92 | 17.00 | 5.61 | 16.50 | 5.34 | 15.40 | 5.06 |
|        | -16.7             | -17      | 19.80                     | 5.99 | 18.70 | 5.87 | 17.60 | 5.66 | 17.00 | 5.37 | 16.50 | 5.10 | 15.40 | 4.84 |
|        | -15               | -15.9    | 19.80                     | 5.79 | 18.70 | 5.68 | 17.60 | 5.47 | 17.00 | 5.19 | 16.50 | 4.94 | 15.40 | 4.69 |
|        | -13.7             | -15      | 19.80                     | 5.61 | 18.70 | 5.49 | 17.60 | 5.29 | 17.00 | 5.02 | 16.50 | 4.78 | 15.40 | 4.54 |
|        | -11.8             | -13      | 19.80                     | 5.37 | 18.70 | 5.24 | 17.60 | 5.06 | 17.00 | 4.80 | 16.50 | 4.58 | 15.40 | 4.33 |
|        | -9.8              | -11      | 19.80                     | 5.11 | 18.70 | 4.99 | 17.60 | 4.81 | 17.00 | 4.57 | 16.50 | 4.36 | 15.40 | 4.13 |
|        | -9.5              | -10      | 19.80                     | 5.07 | 18.70 | 4.95 | 17.60 | 4.78 | 17.00 | 4.54 | 16.50 | 4.33 | 15.40 | 4.10 |
|        | -8.5              | -9.1     | 19.80                     | 4.95 | 18.70 | 4.82 | 17.60 | 4.66 | 17.00 | 4.43 | 16.50 | 4.22 | 15.40 | 4.00 |
|        | -7                | -7.6     | 19.80                     | 4.76 | 18.70 | 4.64 | 17.60 | 4.47 | 17.00 | 4.25 | 16.50 | 4.07 | 15.40 | 3.84 |
|        | -5                | -5.6     | 19.80                     | 4.53 | 18.70 | 4.41 | 17.60 | 4.25 | 17.00 | 4.05 | 16.50 | 3.87 | 15.40 | 3.66 |
|        | -3                | -3.7     | 19.80                     | 4.30 | 18.70 | 4.18 | 17.60 | 4.03 | 17.00 | 3.83 | 16.50 | 3.68 | 15.40 | 3.48 |
|        | 0                 | -0.7     | 19.80                     | 3.95 | 18.70 | 3.83 | 17.60 | 3.70 | 17.00 | 3.51 | 16.50 | 3.38 | 15.40 | 3.19 |
|        | 3                 | 2.2      | 19.80                     | 3.60 | 18.70 | 3.48 | 17.60 | 3.36 | 17.00 | 3.20 | 16.50 | 3.09 | 15.40 | 2.91 |
|        | 5                 | 4.1      | 18.70                     | 3.09 | 17.60 | 2.96 | 16.50 | 2.86 | 15.90 | 2.72 | 15.40 | 2.63 | 14.30 | 2.47 |
|        | 7                 | 6        | 17.70                     | 2.63 | 16.50 | 2.51 | 15.40 | 2.42 | 14.80 | 2.29 | 14.30 | 2.22 | 13.10 | 2.07 |
|        | 9                 | 7.9      | 16.50                     | 2.17 | 15.40 | 2.07 | 14.30 | 1.99 | 13.60 | 1.89 | 13.10 | 1.82 | 12.00 | 1.70 |
| 60     | 11                | 9.8      | 15.40                     | 1.84 | 14.20 | 1.75 | 13.10 | 1.68 | 12.50 | 1.59 | 11.90 | 1.54 | 10.70 | 1.43 |
|        | 13                | 11.8     | 14.20                     | 1.57 | 13.00 | 1.49 | 11.80 | 1.43 | 11.20 | 1.35 | 10.70 | 1.31 | 9.50  | 1.21 |
|        | 15                | 13.7     | 12.90                     | 1.35 | 11.70 | 1.28 | 10.60 | 1.23 | 9.90  | 1.17 | 9.40  | 1.12 | 8.20  | 1.04 |
|        | -30               | -30.2    | 9.60                      | 6.34 | 9.60  | 6.38 | 9.60  | 7.29 | 9.20  | 6.89 | 8.90  | 6.51 | 8.30  | 6.15 |
|        | -24.8             | -25      | 15.90                     | 6.43 | 15.90 | 6.49 | 15.10 | 6.25 | 14.50 | 5.91 | 14.00 | 5.58 | 13.10 | 5.28 |
|        | -21.8             | -22      | 17.00                     | 6.45 | 16.10 | 6.22 | 15.10 | 5.88 | 14.50 | 5.55 | 14.00 | 5.25 | 13.10 | 4.96 |
|        | -19.8             | -20      | 17.00                     | 6.19 | 16.10 | 5.95 | 15.10 | 5.62 | 14.50 | 5.31 | 14.00 | 5.03 | 13.10 | 4.75 |
|        | -18.8             | -19      | 17.00                     | 6.06 | 16.10 | 5.81 | 15.10 | 5.49 | 14.50 | 5.20 | 14.00 | 4.92 | 13.10 | 4.64 |
|        | -16.7             | -17      | 17.00                     | 5.77 | 16.10 | 5.54 | 15.10 | 5.24 | 14.50 | 4.95 | 14.00 | 4.69 | 13.10 | 4.43 |
|        | -15               | -15.9    | 17.00                     | 5.57 | 16.10 | 5.34 | 15.10 | 5.05 | 14.50 | 4.78 | 14.00 | 4.53 | 13.10 | 4.27 |
|        | -13.7             | -15      | 17.00                     | 5.38 | 16.10 | 5.14 | 15.10 | 4.86 | 14.50 | 4.61 | 14.00 | 4.37 | 13.10 | 4.12 |
|        | -11.8             | -13      | 17.00                     | 5.12 | 16.10 | 4.90 | 15.10 | 4.63 | 14.50 | 4.40 | 14.00 | 4.16 | 13.10 | 3.92 |
|        | -9.8              | -11      | 17.00                     | 4.85 | 16.10 | 4.64 | 15.10 | 4.39 | 14.50 | 4.17 | 14.00 | 3.95 | 13.10 | 3.72 |
|        | -9.5              | -10      | 17.00                     | 4.81 | 16.10 | 4.60 | 15.10 | 4.36 | 14.50 | 4.14 | 14.00 | 3.92 | 13.10 | 3.69 |
|        | -8.5              | -9.1     | 17.00                     | 4.69 | 16.10 | 4.47 | 15.10 | 4.23 | 14.50 | 4.02 | 14.00 | 3.82 | 13.10 | 3.59 |
|        | -7                | -7.6     | 17.00                     | 4.49 | 16.10 | 4.29 | 15.10 | 4.05 | 14.50 | 3.85 | 14.00 | 3.67 | 13.10 | 3.44 |
|        | -5                | -5.6     | 17.00                     | 4.25 | 16.10 | 4.04 | 15.10 | 3.83 | 14.50 | 3.65 | 14.00 | 3.46 | 13.10 | 3.26 |
|        | -3                | -3.7     | 17.00                     | 4.01 | 16.10 | 3.80 | 15.10 | 3.61 | 14.50 | 3.44 | 14.00 | 3.27 | 13.10 | 3.07 |
|        | 0                 | -0.7     | 17.00                     | 3.64 | 16.10 | 3.44 | 15.10 | 3.27 | 14.50 | 3.12 | 14.00 | 2.98 | 13.10 | 2.79 |
|        | 3                 | 2.2      | 17.00                     | 3.28 | 16.10 | 3.09 | 15.10 | 2.94 | 14.50 | 2.81 | 14.00 | 2.69 | 13.10 | 2.51 |
| 50     | 5                 | 4.1      | 16.10                     | 2.79 | 15.20 | 2.62 | 14.20 | 2.50 | 13.60 | 2.38 | 13.10 | 2.28 | 12.20 | 2.12 |
|        | 7                 | 6        | 15.20                     | 2.37 | 14.20 | 2.20 | 13.20 | 2.09 | 12.60 | 2.00 | 12.10 | 1.92 | 11.20 | 1.77 |
|        | 9                 | 7.9      | 14.20                     | 1.93 | 13.30 | 1.81 | 12.20 | 1.72 | 11.60 | 1.64 | 11.10 | 1.57 | 10.20 | 1.44 |
|        | 11                | 9.8      | 13.20                     | 1.67 | 12.20 | 1.55 | 11.20 | 1.47 | 10.60 | 1.40 | 10.10 | 1.34 | 9.10  | 1.24 |
|        | 13                | 11.8     | 12.20                     | 1.44 | 11.20 | 1.34 | 10.20 | 1.26 | 9.60  | 1.21 | 9.10  | 1.15 | 8.10  | 1.06 |
|        | 15                | 13.7     | 11.10                     | 1.25 | 10.10 | 1.17 | 9.10  | 1.10 | 8.50  | 1.05 | 8.00  | 1.00 | 7.00  | 0.93 |
|        | -30               | -30.2    | 8.90                      | 5.48 | 8.40  | 6.32 | 7.90  | 5.94 | 7.70  | 5.63 | 7.40  | 5.31 | 6.90  | 5.02 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -24.8             | -25      | 14.10                     | 5.31 | 13.30 | 5.40 | 12.50 | 5.10 | 12.10 | 4.82 | 11.70 | 4.55 | 10.90 | 4.30 |
|        | -21.8             | -22      | 14.10                     | 5.37 | 13.30 | 5.07 | 12.50 | 4.79 | 12.10 | 4.53 | 11.70 | 4.28 | 10.90 | 4.04 |
|        | -19.8             | -20      | 14.10                     | 5.14 | 13.30 | 4.85 | 12.50 | 4.59 | 12.10 | 4.33 | 11.70 | 4.10 | 10.90 | 3.87 |
|        | -18.8             | -19      | 14.10                     | 5.03 | 13.30 | 4.74 | 12.50 | 4.48 | 12.10 | 4.24 | 11.70 | 4.01 | 10.90 | 3.79 |
|        | -16.7             | -17      | 14.10                     | 4.78 | 13.30 | 4.51 | 12.50 | 4.27 | 12.10 | 4.03 | 11.70 | 3.82 | 10.90 | 3.61 |
|        | -15               | -15.9    | 14.10                     | 4.61 | 13.30 | 4.35 | 12.50 | 4.12 | 12.10 | 3.89 | 11.70 | 3.69 | 10.90 | 3.48 |
|        | -13.7             | -15      | 14.10                     | 4.45 | 13.30 | 4.19 | 12.50 | 3.97 | 12.10 | 3.76 | 11.70 | 3.56 | 10.90 | 3.36 |
|        | -11.8             | -13      | 14.10                     | 4.23 | 13.30 | 3.99 | 12.50 | 3.78 | 12.10 | 3.57 | 11.70 | 3.40 | 10.90 | 3.20 |
|        | -9.8              | -11      | 14.10                     | 4.01 | 13.30 | 3.78 | 12.50 | 3.58 | 12.10 | 3.39 | 11.70 | 3.23 | 10.90 | 3.04 |
|        | -9.5              | -10      | 14.10                     | 3.98 | 13.30 | 3.75 | 12.50 | 3.55 | 12.10 | 3.36 | 11.70 | 3.20 | 10.90 | 3.01 |
|        | -8.5              | -9.1     | 14.10                     | 3.87 | 13.30 | 3.64 | 12.50 | 3.45 | 12.10 | 3.27 | 11.70 | 3.12 | 10.90 | 2.93 |
|        | -7                | -7.6     | 14.10                     | 3.70 | 13.30 | 3.48 | 12.50 | 3.31 | 12.10 | 3.14 | 11.70 | 2.99 | 10.90 | 2.81 |
|        | -5                | -5.6     | 14.10                     | 3.49 | 13.30 | 3.28 | 12.50 | 3.13 | 12.10 | 2.96 | 11.70 | 2.82 | 10.90 | 2.66 |
|        | -3                | -3.7     | 14.10                     | 3.28 | 13.30 | 3.09 | 12.50 | 2.94 | 12.10 | 2.78 | 11.70 | 2.66 | 10.90 | 2.51 |
|        | 0                 | -0.7     | 14.10                     | 2.98 | 13.30 | 2.79 | 12.50 | 2.67 | 12.10 | 2.54 | 11.70 | 2.42 | 10.90 | 2.28 |
|        | 3                 | 2.2      | 14.10                     | 2.66 | 13.30 | 2.50 | 12.50 | 2.40 | 12.10 | 2.28 | 11.70 | 2.19 | 10.90 | 2.05 |
|        | 5                 | 4.1      | 13.30                     | 2.28 | 12.50 | 2.13 | 11.70 | 2.04 | 11.30 | 1.94 | 10.90 | 1.87 | 10.10 | 1.75 |
|        | 7                 | 6        | 12.60                     | 1.94 | 11.80 | 1.81 | 10.90 | 1.74 | 10.50 | 1.65 | 10.10 | 1.59 | 9.30  | 1.48 |
|        | 9                 | 7.9      | 11.80                     | 1.63 | 10.90 | 1.52 | 10.10 | 1.45 | 9.70  | 1.37 | 9.30  | 1.33 | 8.50  | 1.23 |
|        | 11                | 9.8      | 10.90                     | 1.41 | 10.10 | 1.32 | 9.30  | 1.26 | 8.90  | 1.19 | 8.40  | 1.15 | 7.60  | 1.06 |
|        | 13                | 11.8     | 10.10                     | 1.23 | 9.30  | 1.14 | 8.40  | 1.10 | 8.00  | 1.05 | 7.60  | 1.00 | 6.70  | 0.94 |
|        | 15                | 13.7     | 9.20                      | 1.09 | 8.40  | 1.01 | 7.50  | 0.97 | 7.10  | 0.92 | 6.70  | 0.89 | 5.80  | 0.83 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM100LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 12.90                     | 9.68  | 12.90 | 9.78  | 12.80 | 9.89  | 12.80 | 10.03 | 12.80 | 10.13 | 12.50 | 10.36 |
|        | -24.8             | -25      | 21.60                     | 10.00 | 21.60 | 10.10 | 21.40 | 10.19 | 21.40 | 10.33 | 21.40 | 10.45 | 20.80 | 10.66 |
|        | -21.8             | -22      | 26.10                     | 10.18 | 26.10 | 10.28 | 26.00 | 10.36 | 26.00 | 10.50 | 26.00 | 10.63 | 25.40 | 10.83 |
|        | -19.8             | -20      | 27.60                     | 10.30 | 27.60 | 10.40 | 27.40 | 10.48 | 27.40 | 10.62 | 27.40 | 10.75 | 26.70 | 10.95 |
|        | -18.8             | -19      | 28.10                     | 10.36 | 28.10 | 10.45 | 27.90 | 10.55 | 27.90 | 10.68 | 27.90 | 10.80 | 27.20 | 11.01 |
|        | -16.7             | -17      | 29.10                     | 10.48 | 29.10 | 10.58 | 28.90 | 10.67 | 28.90 | 10.81 | 28.90 | 10.93 | 28.10 | 11.13 |
|        | -15               | -15.9    | 29.80                     | 10.57 | 29.80 | 10.67 | 29.60 | 10.76 | 29.60 | 10.89 | 29.60 | 11.02 | 28.80 | 10.83 |
|        | -13.7             | -15      | 30.40                     | 10.66 | 30.40 | 10.76 | 30.30 | 10.84 | 30.30 | 10.98 | 30.30 | 11.11 | 29.50 | 10.52 |
|        | -11.8             | -13      | 31.40                     | 10.76 | 31.40 | 10.87 | 31.20 | 10.96 | 31.20 | 11.09 | 31.20 | 10.68 | 30.40 | 10.13 |
|        | -9.8              | -11      | 32.20                     | 10.88 | 32.20 | 10.98 | 32.00 | 11.08 | 32.00 | 10.63 | 32.00 | 10.24 | 31.30 | 9.73  |
|        | -9.5              | -10      | 32.50                     | 10.90 | 32.50 | 11.00 | 32.20 | 11.00 | 32.20 | 10.55 | 32.20 | 10.17 | 31.50 | 9.67  |
|        | -8.5              | -9.1     | 33.10                     | 10.96 | 33.10 | 11.06 | 32.90 | 10.75 | 32.90 | 10.32 | 32.70 | 9.95  | 31.90 | 9.47  |
|        | -7                | -7.6     | 34.00                     | 11.05 | 34.00 | 10.68 | 33.80 | 10.38 | 33.80 | 9.98  | 33.80 | 9.62  | 32.60 | 9.17  |
|        | -5                | -5.6     | 35.30                     | 10.54 | 35.30 | 10.19 | 35.10 | 9.91  | 35.10 | 9.53  | 35.10 | 9.20  | 33.50 | 8.78  |
|        | -3                | -3.7     | 36.70                     | 10.04 | 36.70 | 9.71  | 36.40 | 9.43  | 36.40 | 9.08  | 36.40 | 8.78  | 34.50 | 8.39  |
|        | 0                 | -0.7     | 38.60                     | 9.28  | 38.60 | 8.98  | 38.40 | 8.73  | 38.40 | 8.42  | 38.20 | 8.10  | 35.60 | 7.76  |
|        | 3                 | 2.2      | 40.50                     | 8.52  | 40.50 | 8.25  | 40.30 | 8.01  | 39.60 | 7.62  | 38.20 | 7.12  | 35.60 | 6.92  |
|        | 5                 | 4.1      | 38.50                     | 7.06  | 38.40 | 6.80  | 38.10 | 6.58  | 37.10 | 6.21  | 35.70 | 5.95  | 33.00 | 5.72  |
|        | 7                 | 6        | 36.30                     | 5.75  | 36.00 | 5.51  | 35.50 | 5.31  | 34.50 | 5.11  | 33.10 | 4.93  | 30.40 | 4.73  |
|        | 9                 | 7.9      | 34.00                     | 4.81  | 33.50 | 4.60  | 32.90 | 4.40  | 31.80 | 4.23  | 30.40 | 4.06  | 27.70 | 3.86  |
|        | 11                | 9.8      | 31.60                     | 4.02  | 31.00 | 3.82  | 30.20 | 3.63  | 29.00 | 3.48  | 27.60 | 3.33  | 24.80 | 3.13  |
|        | 13                | 11.8     | 29.10                     | 3.31  | 28.30 | 3.12  | 27.30 | 2.94  | 26.20 | 2.82  | 24.70 | 2.69  | 21.90 | 2.51  |
|        | 15                | 13.7     | 26.50                     | 2.67  | 25.60 | 2.51  | 24.40 | 2.35  | 23.20 | 2.24  | 21.70 | 2.13  | 18.90 | 1.97  |
| 120    | -30               | -30.2    | 12.80                     | 9.78  | 12.80 | 9.89  | 12.70 | 10.03 | 12.70 | 10.13 | 12.70 | 10.36 | 12.40 | 10.48 |
|        | -24.8             | -25      | 21.40                     | 10.10 | 21.40 | 10.19 | 21.20 | 10.33 | 21.20 | 10.45 | 21.20 | 10.66 | 20.70 | 10.79 |
|        | -21.8             | -22      | 26.00                     | 10.28 | 26.00 | 10.36 | 25.80 | 10.50 | 25.80 | 10.63 | 25.80 | 10.83 | 25.20 | 10.97 |
|        | -19.8             | -20      | 27.40                     | 10.40 | 27.40 | 10.48 | 27.30 | 10.62 | 27.30 | 10.75 | 27.30 | 10.95 | 26.50 | 11.09 |
|        | -18.8             | -19      | 27.90                     | 10.45 | 27.90 | 10.55 | 27.70 | 10.68 | 27.70 | 10.80 | 27.70 | 11.01 | 27.00 | 11.15 |
|        | -16.7             | -17      | 28.90                     | 10.58 | 28.90 | 10.67 | 28.60 | 10.81 | 28.60 | 10.93 | 28.60 | 11.13 | 27.90 | 10.75 |
|        | -15               | -15.9    | 29.50                     | 10.67 | 29.50 | 10.76 | 29.40 | 10.89 | 29.40 | 11.02 | 29.40 | 10.83 | 28.60 | 10.47 |
|        | -13.7             | -15      | 30.20                     | 10.76 | 30.20 | 10.84 | 30.10 | 10.98 | 30.10 | 11.11 | 30.10 | 10.53 | 29.30 | 10.20 |
|        | -11.8             | -13      | 31.20                     | 10.87 | 31.20 | 10.96 | 31.00 | 11.09 | 31.00 | 10.68 | 31.00 | 10.16 | 30.20 | 9.83  |
|        | -9.8              | -11      | 32.00                     | 10.98 | 32.00 | 11.08 | 31.80 | 10.62 | 31.80 | 10.24 | 31.80 | 9.77  | 31.10 | 9.46  |
|        | -9.5              | -10      | 32.20                     | 11.00 | 32.20 | 10.99 | 32.00 | 10.54 | 32.00 | 10.17 | 32.00 | 9.70  | 31.20 | 9.41  |
|        | -8.5              | -9.1     | 32.90                     | 11.06 | 32.90 | 10.74 | 32.70 | 10.31 | 32.70 | 9.95  | 32.60 | 9.51  | 31.70 | 9.23  |
|        | -7                | -7.6     | 33.80                     | 10.66 | 33.80 | 10.36 | 33.60 | 9.95  | 33.60 | 9.61  | 33.20 | 9.22  | 32.30 | 8.94  |
|        | -5                | -5.6     | 35.10                     | 10.15 | 35.10 | 9.86  | 34.90 | 9.50  | 34.90 | 9.20  | 34.90 | 8.84  | 33.30 | 8.58  |
|        | -3                | -3.7     | 36.40                     | 9.64  | 36.40 | 9.37  | 36.20 | 9.04  | 36.20 | 8.77  | 36.00 | 8.43  | 33.40 | 8.05  |
|        | 0                 | -0.7     | 38.30                     | 8.88  | 38.30 | 8.62  | 38.10 | 8.36  | 37.10 | 7.92  | 36.00 | 7.51  | 33.40 | 7.28  |
|        | 3                 | 2.2      | 40.20                     | 8.10  | 40.00 | 7.85  | 38.40 | 7.38  | 37.10 | 7.08  | 36.00 | 6.96  | 33.40 | 6.78  |
|        | 5                 | 4.1      | 38.20                     | 6.68  | 37.70 | 6.41  | 36.00 | 6.12  | 34.70 | 5.96  | 33.60 | 5.85  | 31.00 | 5.70  |
|        | 7                 | 6        | 36.00                     | 5.44  | 35.40 | 5.24  | 33.60 | 5.09  | 32.30 | 4.97  | 31.20 | 4.89  | 28.50 | 4.75  |
|        | 9                 | 7.9      | 33.70                     | 4.57  | 32.90 | 4.38  | 31.10 | 4.23  | 29.80 | 4.12  | 28.60 | 4.04  | 26.00 | 3.89  |
|        | 11                | 9.8      | 31.30                     | 3.82  | 30.40 | 3.65  | 28.50 | 3.50  | 27.20 | 3.39  | 26.00 | 3.32  | 23.30 | 3.17  |
|        | 13                | 11.8     | 28.90                     | 3.15  | 27.80 | 2.99  | 25.80 | 2.85  | 24.50 | 2.76  | 23.30 | 2.69  | 20.60 | 2.55  |
|        | 15                | 13.7     | 26.30                     | 2.56  | 25.10 | 2.41  | 23.10 | 2.29  | 21.70 | 2.21  | 20.50 | 2.14  | 17.70 | 2.02  |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 12.70                     | 9.89  | 12.70 | 10.03 | 12.70 | 10.13 | 12.70 | 10.36 | 12.70 | 10.48 | 12.40 | 10.55 |
|        | -24.8             | -25      | 21.20                     | 10.19 | 21.20 | 10.33 | 21.10 | 10.45 | 21.10 | 10.66 | 21.10 | 10.79 | 20.60 | 10.86 |
|        | -21.8             | -22      | 25.80                     | 10.36 | 25.80 | 10.50 | 25.70 | 10.63 | 25.70 | 10.83 | 25.70 | 10.97 | 25.10 | 11.04 |
|        | -19.8             | -20      | 27.30                     | 10.48 | 27.30 | 10.62 | 27.10 | 10.75 | 27.10 | 10.95 | 27.10 | 11.09 | 26.40 | 11.16 |
|        | -18.8             | -19      | 27.70                     | 10.55 | 27.70 | 10.68 | 27.60 | 10.80 | 27.60 | 11.01 | 27.60 | 11.15 | 26.80 | 10.96 |
|        | -16.7             | -17      | 28.80                     | 10.67 | 28.80 | 10.81 | 28.50 | 10.93 | 28.50 | 11.13 | 28.50 | 10.73 | 27.80 | 10.55 |
|        | -15               | -15.9    | 29.40                     | 10.76 | 29.40 | 10.89 | 29.20 | 11.02 | 29.20 | 10.82 | 29.20 | 10.44 | 28.90 | 10.25 |
|        | -13.7             | -15      | 30.10                     | 10.84 | 30.10 | 10.98 | 29.90 | 11.11 | 29.90 | 10.50 | 29.90 | 10.15 | 29.90 | 9.96  |
|        | -11.8             | -13      | 31.00                     | 10.96 | 31.00 | 11.09 | 30.80 | 10.66 | 30.80 | 10.10 | 30.80 | 9.77  | 30.10 | 9.38  |
|        | -9.8              | -11      | 31.80                     | 11.08 | 31.80 | 10.58 | 31.70 | 10.19 | 31.70 | 9.69  | 31.70 | 9.38  | 30.10 | 8.91  |
|        | -9.5              | -10      | 32.00                     | 10.99 | 32.00 | 10.50 | 31.80 | 10.12 | 31.80 | 9.62  | 31.80 | 9.33  | 30.10 | 8.73  |
|        | -8.5              | -9.1     | 32.70                     | 10.72 | 32.70 | 10.26 | 32.50 | 9.89  | 32.50 | 9.42  | 32.20 | 9.06  | 30.10 | 8.46  |
|        | -7                | -7.6     | 33.60                     | 10.30 | 33.60 | 9.88  | 33.40 | 9.53  | 33.30 | 9.08  | 32.20 | 8.52  | 30.10 | 8.19  |
|        | -5                | -5.6     | 34.90                     | 9.77  | 34.90 | 9.39  | 34.40 | 9.01  | 33.30 | 8.36  | 32.20 | 8.01  | 30.10 | 7.83  |
|        | -3                | -3.7     | 36.20                     | 9.23  | 36.20 | 8.90  | 34.40 | 8.27  | 33.30 | 7.86  | 32.20 | 7.66  | 30.10 | 7.47  |
|        | 0                 | -0.7     | 38.10                     | 8.42  | 36.70 | 7.88  | 34.40 | 7.53  | 33.30 | 7.29  | 32.20 | 7.13  | 30.10 | 6.94  |
|        | 3                 | 2.2      | 38.80                     | 7.41  | 36.70 | 7.03  | 34.40 | 6.89  | 33.30 | 6.72  | 32.20 | 6.60  | 30.10 | 6.41  |
|        | 5                 | 4.1      | 36.70                     | 6.07  | 34.60 | 5.92  | 32.30 | 5.80  | 31.20 | 5.68  | 30.10 | 5.57  | 27.90 | 5.38  |
|        | 7                 | 6        | 34.60                     | 5.05  | 32.40 | 4.93  | 30.10 | 4.83  | 29.00 | 4.74  | 27.90 | 4.65  | 25.70 | 4.45  |
|        | 9                 | 7.9      | 32.40                     | 4.24  | 30.20 | 4.12  | 27.90 | 4.01  | 26.70 | 3.92  | 25.60 | 3.85  | 23.40 | 3.65  |
|        | 11                | 9.8      | 30.10                     | 3.54  | 27.90 | 3.43  | 25.60 | 3.31  | 24.40 | 3.25  | 23.30 | 3.17  | 21.00 | 2.98  |
|        | 13                | 11.8     | 27.70                     | 2.92  | 25.50 | 2.81  | 23.10 | 2.71  | 22.00 | 2.64  | 20.80 | 2.56  | 18.50 | 2.41  |
|        | 15                | 13.7     | 25.30                     | 2.36  | 23.10 | 2.27  | 20.70 | 2.17  | 19.50 | 2.11  | 18.30 | 2.04  | 16.00 | 1.91  |
| 100    | -30               | -30.2    | 12.70                     | 10.46 | 12.70 | 10.52 | 12.60 | 9.88  | 12.60 | 10.73 | 12.60 | 10.71 | 12.30 | 10.86 |
|        | -24.8             | -25      | 21.10                     | 10.62 | 21.10 | 10.69 | 21.00 | 10.40 | 21.00 | 10.88 | 21.00 | 10.97 | 20.50 | 11.01 |
|        | -21.8             | -22      | 25.70                     | 10.70 | 25.70 | 10.79 | 25.60 | 10.69 | 25.60 | 10.97 | 25.60 | 11.12 | 24.90 | 11.10 |
|        | -19.8             | -20      | 27.20                     | 10.77 | 27.20 | 10.84 | 27.00 | 10.89 | 27.00 | 11.04 | 27.00 | 11.14 | 26.30 | 11.16 |
|        | -18.8             | -19      | 27.60                     | 10.79 | 27.40 | 10.88 | 27.40 | 10.95 | 27.40 | 11.07 | 27.40 | 11.15 | 26.70 | 10.94 |
|        | -16.7             | -17      | 28.40                     | 10.86 | 28.40 | 10.94 | 28.40 | 11.07 | 28.20 | 11.13 | 28.20 | 10.68 | 27.50 | 10.47 |
|        | -15               | -15.9    | 29.20                     | 10.90 | 29.20 | 10.98 | 29.10 | 11.09 | 29.00 | 10.78 | 29.00 | 10.35 | 27.50 | 9.85  |
|        | -13.7             | -15      | 29.90                     | 10.95 | 29.90 | 11.03 | 29.80 | 11.11 | 29.80 | 10.43 | 29.50 | 9.91  | 27.50 | 9.27  |
|        | -11.8             | -13      | 30.80                     | 11.01 | 30.70 | 11.09 | 30.70 | 10.63 | 30.50 | 9.95  | 29.50 | 9.23  | 27.50 | 8.87  |
|        | -9.8              | -11      | 31.70                     | 11.08 | 31.70 | 10.54 | 31.50 | 10.12 | 30.50 | 9.23  | 29.50 | 8.65  | 27.50 | 8.45  |
|        | -9.5              | -10      | 31.90                     | 10.98 | 31.90 | 10.47 | 31.50 | 9.98  | 30.50 | 9.10  | 29.50 | 8.58  | 27.50 | 8.38  |
|        | -8.5              | -9.1     | 32.60                     | 10.70 | 32.60 | 10.20 | 31.50 | 9.54  | 30.50 | 8.74  | 29.50 | 8.37  | 27.50 | 8.17  |
|        | -7                | -7.6     | 34.00                     | 10.27 | 33.50 | 9.70  | 31.50 | 8.92  | 30.50 | 8.41  | 29.50 | 8.06  | 27.50 | 7.86  |
|        | -5                | -5.6     | 35.50                     | 9.70  | 33.50 | 8.83  | 31.50 | 8.46  | 30.50 | 7.99  | 29.50 | 7.66  | 27.50 | 7.46  |
|        | -3                | -3.7     | 35.50                     | 8.88  | 33.50 | 8.28  | 31.50 | 8.01  | 30.50 | 7.57  | 29.50 | 7.25  | 27.50 | 7.05  |
|        | 0                 | -0.7     | 35.50                     | 7.85  | 33.50 | 7.54  | 31.50 | 7.31  | 30.50 | 6.93  | 29.50 | 6.65  | 27.50 | 6.44  |
|        | 3                 | 2.2      | 35.50                     | 7.06  | 33.50 | 6.80  | 31.50 | 6.63  | 30.50 | 6.31  | 29.50 | 6.04  | 27.50 | 5.84  |
|        | 5                 | 4.1      | 33.60                     | 5.92  | 31.60 | 5.70  | 29.60 | 5.55  | 28.60 | 5.28  | 27.50 | 5.04  | 25.50 | 4.83  |
|        | 7                 | 6        | 31.60                     | 4.91  | 29.60 | 4.71  | 27.60 | 4.59  | 26.60 | 4.37  | 25.50 | 4.16  | 23.50 | 3.95  |
|        | 9                 | 7.9      | 29.60                     | 4.02  | 27.60 | 3.84  | 25.50 | 3.73  | 24.50 | 3.54  | 23.50 | 3.36  | 21.40 | 3.18  |
|        | 11                | 9.8      | 27.50                     | 3.27  | 25.50 | 3.11  | 23.40 | 3.00  | 22.40 | 2.84  | 21.30 | 2.69  | 19.20 | 2.53  |
|        | 13                | 11.8     | 25.40                     | 2.60  | 23.30 | 2.47  | 21.20 | 2.37  | 20.10 | 2.24  | 19.10 | 2.11  | 16.90 | 1.97  |
|        | 15                | 13.7     | 23.20                     | 2.02  | 21.00 | 1.91  | 18.90 | 1.83  | 17.80 | 1.73  | 16.80 | 1.62  | 14.60 | 1.51  |
| 90     | -30               | -30.2    | 12.60                     | 9.51  | 12.60 | 9.72  | 12.60 | 9.88  | 12.60 | 9.92  | 12.60 | 10.06 | 12.20 | 11.57 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 21.00                     | 9.83  | 21.00 | 10.04 | 20.90 | 10.18 | 20.90 | 10.24 | 20.90 | 10.38 | 20.40 | 10.59 |
|        | -21.8             | -22      | 25.60                     | 10.01 | 25.60 | 10.22 | 25.50 | 10.35 | 25.50 | 10.43 | 25.50 | 10.56 | 24.80 | 10.02 |
|        | -19.8             | -20      | 27.10                     | 10.13 | 27.10 | 10.34 | 26.80 | 10.47 | 26.80 | 10.54 | 26.80 | 10.17 | 25.10 | 9.25  |
|        | -18.8             | -19      | 27.60                     | 10.20 | 27.40 | 10.39 | 27.30 | 10.54 | 27.30 | 10.34 | 27.00 | 9.88  | 25.10 | 8.96  |
|        | -16.7             | -17      | 28.40                     | 10.31 | 28.40 | 10.52 | 28.30 | 10.11 | 27.90 | 9.77  | 27.00 | 9.12  | 25.10 | 8.59  |
|        | -15               | -15.9    | 29.20                     | 10.40 | 29.20 | 10.20 | 28.80 | 9.73  | 27.90 | 9.28  | 27.00 | 8.81  | 25.10 | 8.33  |
|        | -13.7             | -15      | 29.90                     | 10.49 | 29.90 | 9.88  | 28.80 | 9.22  | 27.90 | 8.81  | 27.00 | 8.51  | 25.10 | 8.07  |
|        | -11.8             | -13      | 30.80                     | 10.05 | 30.60 | 9.47  | 28.80 | 8.63  | 27.90 | 8.46  | 27.00 | 8.17  | 25.10 | 7.74  |
|        | -9.8              | -11      | 31.70                     | 9.59  | 30.60 | 8.74  | 28.80 | 8.26  | 27.90 | 8.08  | 27.00 | 7.81  | 25.10 | 7.39  |
|        | -9.5              | -10      | 31.90                     | 9.52  | 30.60 | 8.62  | 28.80 | 8.20  | 27.90 | 8.02  | 27.00 | 7.75  | 25.10 | 7.34  |
|        | -8.5              | -9.1     | 32.50                     | 9.27  | 30.60 | 8.34  | 28.80 | 8.01  | 27.90 | 7.83  | 27.00 | 7.57  | 25.10 | 7.17  |
|        | -7                | -7.6     | 32.50                     | 8.53  | 30.60 | 8.01  | 28.80 | 7.73  | 27.90 | 7.55  | 27.00 | 7.30  | 25.10 | 6.91  |
|        | -5                | -5.6     | 32.50                     | 8.03  | 30.60 | 7.62  | 28.80 | 7.36  | 27.90 | 7.19  | 27.00 | 6.95  | 25.10 | 6.58  |
|        | -3                | -3.7     | 32.50                     | 7.61  | 30.60 | 7.25  | 28.80 | 7.00  | 27.90 | 6.82  | 27.00 | 6.60  | 25.10 | 6.24  |
|        | 0                 | -0.7     | 32.50                     | 6.98  | 30.60 | 6.67  | 28.80 | 6.46  | 27.90 | 6.28  | 27.00 | 6.08  | 25.10 | 5.74  |
|        | 3                 | 2.2      | 32.50                     | 6.34  | 30.60 | 6.09  | 28.80 | 5.90  | 27.90 | 5.73  | 27.00 | 5.56  | 25.10 | 5.25  |
|        | 5                 | 4.1      | 30.80                     | 5.37  | 28.90 | 5.17  | 27.00 | 5.00  | 26.10 | 4.82  | 25.20 | 4.68  | 23.30 | 4.38  |
|        | 7                 | 6        | 29.00                     | 4.51  | 27.10 | 4.34  | 25.20 | 4.19  | 24.30 | 4.03  | 23.40 | 3.88  | 21.40 | 3.63  |
|        | 9                 | 7.9      | 27.10                     | 3.77  | 25.20 | 3.62  | 23.30 | 3.47  | 22.40 | 3.33  | 21.50 | 3.20  | 19.50 | 2.98  |
|        | 11                | 9.8      | 25.20                     | 3.12  | 23.30 | 2.98  | 21.40 | 2.84  | 20.40 | 2.72  | 19.50 | 2.61  | 17.50 | 2.41  |
|        | 13                | 11.8     | 23.20                     | 2.55  | 21.30 | 2.42  | 19.40 | 2.31  | 18.40 | 2.20  | 17.50 | 2.12  | 15.50 | 1.94  |
|        | 15                | 13.7     | 21.20                     | 2.05  | 19.20 | 1.95  | 17.30 | 1.84  | 16.30 | 1.76  | 15.40 | 1.68  | 13.30 | 1.54  |
| 80     | -30               | -30.2    | 12.60                     | 8.35  | 12.60 | 8.53  | 12.50 | 8.67  | 12.50 | 8.53  | 12.50 | 10.25 | 12.20 | 9.75  |
|        | -24.8             | -25      | 21.00                     | 8.65  | 21.00 | 8.85  | 20.80 | 9.00  | 20.80 | 9.07  | 20.80 | 9.40  | 20.30 | 8.94  |
|        | -21.8             | -22      | 25.40                     | 8.83  | 25.40 | 9.04  | 25.40 | 9.18  | 25.00 | 9.24  | 24.10 | 8.47  | 22.40 | 8.01  |
|        | -19.8             | -20      | 26.70                     | 8.95  | 26.70 | 9.16  | 25.80 | 9.03  | 25.00 | 8.55  | 24.10 | 8.12  | 22.40 | 7.72  |
|        | -18.8             | -19      | 27.20                     | 9.02  | 27.20 | 9.36  | 25.80 | 8.72  | 25.00 | 8.37  | 24.10 | 7.96  | 22.40 | 7.56  |
|        | -16.7             | -17      | 27.30                     | 9.34  | 27.30 | 8.98  | 25.80 | 8.33  | 25.00 | 8.03  | 24.10 | 7.64  | 22.40 | 7.26  |
|        | -15               | -15.9    | 27.90                     | 9.06  | 27.50 | 8.68  | 25.80 | 8.08  | 25.00 | 7.78  | 24.10 | 7.41  | 22.40 | 7.04  |
|        | -13.7             | -15      | 28.50                     | 8.78  | 27.50 | 8.31  | 25.80 | 7.82  | 25.00 | 7.53  | 24.10 | 7.18  | 22.40 | 6.82  |
|        | -11.8             | -13      | 29.10                     | 8.33  | 27.50 | 7.80  | 25.80 | 7.50  | 25.00 | 7.22  | 24.10 | 6.89  | 22.40 | 6.55  |
|        | -9.8              | -11      | 29.10                     | 7.76  | 27.50 | 7.37  | 25.80 | 7.16  | 25.00 | 6.90  | 24.10 | 6.58  | 22.40 | 6.26  |
|        | -9.5              | -10      | 29.10                     | 7.65  | 27.50 | 7.29  | 25.80 | 7.11  | 25.00 | 6.85  | 24.10 | 6.54  | 22.40 | 6.22  |
|        | -8.5              | -9.1     | 29.10                     | 7.42  | 27.50 | 7.10  | 25.80 | 6.94  | 25.00 | 6.69  | 24.10 | 6.38  | 22.40 | 6.07  |
|        | -7                | -7.6     | 29.10                     | 7.10  | 27.50 | 6.85  | 25.80 | 6.69  | 25.00 | 6.44  | 24.10 | 6.16  | 22.40 | 5.86  |
|        | -5                | -5.6     | 29.10                     | 6.76  | 27.50 | 6.52  | 25.80 | 6.37  | 25.00 | 6.13  | 24.10 | 5.86  | 22.40 | 5.58  |
|        | -3                | -3.7     | 29.10                     | 6.41  | 27.50 | 6.19  | 25.80 | 6.04  | 25.00 | 5.81  | 24.10 | 5.57  | 22.40 | 5.30  |
|        | 0                 | -0.7     | 29.10                     | 5.90  | 27.50 | 5.69  | 25.80 | 5.56  | 25.00 | 5.33  | 24.10 | 5.12  | 22.40 | 4.88  |
|        | 3                 | 2.2      | 29.10                     | 5.37  | 27.50 | 5.21  | 25.80 | 5.06  | 25.00 | 4.86  | 24.10 | 4.69  | 22.40 | 4.46  |
|        | 5                 | 4.1      | 27.50                     | 4.58  | 25.90 | 4.43  | 24.20 | 4.29  | 23.40 | 4.11  | 22.50 | 3.95  | 20.80 | 3.75  |
|        | 7                 | 6        | 25.90                     | 3.88  | 24.30 | 3.73  | 22.60 | 3.59  | 21.80 | 3.43  | 20.90 | 3.31  | 19.10 | 3.13  |
|        | 9                 | 7.9      | 24.30                     | 3.29  | 22.60 | 3.15  | 20.90 | 3.02  | 20.10 | 2.89  | 19.20 | 2.77  | 17.40 | 2.60  |
|        | 11                | 9.8      | 22.60                     | 2.74  | 20.90 | 2.62  | 19.20 | 2.51  | 18.30 | 2.38  | 17.40 | 2.28  | 15.60 | 2.14  |
|        | 13                | 11.8     | 20.80                     | 2.28  | 19.10 | 2.18  | 17.40 | 2.08  | 16.50 | 1.98  | 15.60 | 1.89  | 13.80 | 1.76  |
|        | 15                | 13.7     | 19.00                     | 1.92  | 17.30 | 1.83  | 15.50 | 1.73  | 14.60 | 1.64  | 13.70 | 1.57  | 11.90 | 1.46  |
| 70     | -30               | -30.2    | 12.60                     | 8.49  | 12.60 | 8.53  | 12.50 | 8.67  | 12.50 | 10.11 | 12.50 | 9.55  | 12.20 | 9.05  |
|        | -24.8             | -25      | 21.00                     | 8.80  | 21.00 | 8.86  | 20.80 | 8.99  | 20.80 | 9.20  | 20.60 | 8.61  | 19.20 | 7.79  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 70     | -21.8             | -22      | 23.40                     | 8.97 | 23.30 | 9.02 | 21.90 | 8.69 | 21.20 | 8.21 | 20.60 | 7.77 | 19.20 | 7.35 |
|        | -19.8             | -20      | 24.70                     | 9.01 | 23.30 | 8.67 | 21.90 | 8.34 | 21.20 | 7.89 | 20.60 | 7.47 | 19.20 | 7.06 |
|        | -18.8             | -19      | 24.70                     | 8.81 | 23.30 | 8.49 | 21.90 | 8.17 | 21.20 | 7.72 | 20.60 | 7.31 | 19.20 | 6.92 |
|        | -16.7             | -17      | 24.70                     | 8.28 | 23.30 | 8.10 | 21.90 | 7.80 | 21.20 | 7.38 | 20.60 | 7.00 | 19.20 | 6.62 |
|        | -15               | -15.9    | 24.70                     | 8.00 | 23.30 | 7.83 | 21.90 | 7.54 | 21.20 | 7.13 | 20.60 | 6.77 | 19.20 | 6.40 |
|        | -13.7             | -15      | 24.70                     | 7.73 | 23.30 | 7.57 | 21.90 | 7.27 | 21.20 | 6.88 | 20.60 | 6.54 | 19.20 | 6.18 |
|        | -11.8             | -13      | 24.70                     | 7.39 | 23.30 | 7.22 | 21.90 | 6.95 | 21.20 | 6.58 | 20.60 | 6.26 | 19.20 | 5.91 |
|        | -9.8              | -11      | 24.70                     | 7.03 | 23.30 | 6.86 | 21.90 | 6.60 | 21.20 | 6.26 | 20.60 | 5.96 | 19.20 | 5.63 |
|        | -9.5              | -10      | 24.70                     | 6.98 | 23.30 | 6.80 | 21.90 | 6.55 | 21.20 | 6.21 | 20.60 | 5.91 | 19.20 | 5.59 |
|        | -8.5              | -9.1     | 24.70                     | 6.80 | 23.30 | 6.62 | 21.90 | 6.38 | 21.20 | 6.05 | 20.60 | 5.76 | 19.20 | 5.45 |
|        | -7                | -7.6     | 24.70                     | 6.53 | 23.30 | 6.36 | 21.90 | 6.12 | 21.20 | 5.81 | 20.60 | 5.54 | 19.20 | 5.23 |
|        | -5                | -5.6     | 24.70                     | 6.18 | 23.30 | 6.01 | 21.90 | 5.79 | 21.20 | 5.49 | 20.60 | 5.25 | 19.20 | 4.96 |
|        | -3                | -3.7     | 24.70                     | 5.83 | 23.30 | 5.67 | 21.90 | 5.46 | 21.20 | 5.18 | 20.60 | 4.96 | 19.20 | 4.68 |
|        | 0                 | -0.7     | 24.70                     | 5.31 | 23.30 | 5.14 | 21.90 | 4.96 | 21.20 | 4.71 | 20.60 | 4.53 | 19.20 | 4.27 |
|        | 3                 | 2.2      | 24.70                     | 4.78 | 23.30 | 4.62 | 21.90 | 4.46 | 21.20 | 4.25 | 20.60 | 4.09 | 19.20 | 3.85 |
|        | 5                 | 4.1      | 23.40                     | 4.06 | 22.00 | 3.89 | 20.60 | 3.74 | 19.90 | 3.57 | 19.20 | 3.44 | 17.80 | 3.22 |
|        | 7                 | 6        | 22.00                     | 3.40 | 20.60 | 3.25 | 19.20 | 3.11 | 18.50 | 2.96 | 17.80 | 2.86 | 16.40 | 2.67 |
|        | 9                 | 7.9      | 20.60                     | 2.79 | 19.20 | 2.65 | 17.70 | 2.53 | 17.00 | 2.41 | 16.40 | 2.32 | 14.90 | 2.15 |
|        | 11                | 9.8      | 19.20                     | 2.34 | 17.70 | 2.22 | 16.30 | 2.12 | 15.50 | 2.01 | 14.90 | 1.93 | 13.40 | 1.78 |
|        | 13                | 11.8     | 17.70                     | 1.98 | 16.20 | 1.87 | 14.70 | 1.78 | 14.00 | 1.68 | 13.30 | 1.62 | 11.80 | 1.49 |
|        | 15                | 13.7     | 16.10                     | 1.68 | 14.60 | 1.58 | 13.20 | 1.50 | 12.40 | 1.42 | 11.70 | 1.37 | 10.20 | 1.26 |
| 60     | -30               | -30.2    | 12.00                     | 8.37 | 12.00 | 8.51 | 11.90 | 9.96 | 11.50 | 9.36 | 11.20 | 8.84 | 10.40 | 8.33 |
|        | -24.8             | -25      | 20.00                     | 8.68 | 20.00 | 8.81 | 18.80 | 8.53 | 18.20 | 8.03 | 17.60 | 7.58 | 16.40 | 7.15 |
|        | -21.8             | -22      | 21.20                     | 8.75 | 20.10 | 8.51 | 18.80 | 8.01 | 18.20 | 7.56 | 17.60 | 7.13 | 16.40 | 6.73 |
|        | -19.8             | -20      | 21.20                     | 8.49 | 20.10 | 8.15 | 18.80 | 7.68 | 18.20 | 7.25 | 17.60 | 6.83 | 16.40 | 6.44 |
|        | -18.8             | -19      | 21.20                     | 8.31 | 20.10 | 7.97 | 18.80 | 7.50 | 18.20 | 7.08 | 17.60 | 6.69 | 16.40 | 6.30 |
|        | -16.7             | -17      | 21.20                     | 7.92 | 20.10 | 7.58 | 18.80 | 7.15 | 18.20 | 6.75 | 17.60 | 6.38 | 16.40 | 6.00 |
|        | -15               | -15.9    | 21.20                     | 7.64 | 20.10 | 7.31 | 18.80 | 6.90 | 18.20 | 6.51 | 17.60 | 6.16 | 16.40 | 5.79 |
|        | -13.7             | -15      | 21.20                     | 7.37 | 20.10 | 7.04 | 18.80 | 6.64 | 18.20 | 6.28 | 17.60 | 5.94 | 16.40 | 5.59 |
|        | -11.8             | -13      | 21.20                     | 7.01 | 20.10 | 6.70 | 18.80 | 6.32 | 18.20 | 5.98 | 17.60 | 5.66 | 16.40 | 5.33 |
|        | -9.8              | -11      | 21.20                     | 6.64 | 20.10 | 6.34 | 18.80 | 5.99 | 18.20 | 5.67 | 17.60 | 5.37 | 16.40 | 5.05 |
|        | -9.5              | -10      | 21.20                     | 6.59 | 20.10 | 6.28 | 18.80 | 5.94 | 18.20 | 5.62 | 17.60 | 5.33 | 16.40 | 5.01 |
|        | -8.5              | -9.1     | 21.20                     | 6.40 | 20.10 | 6.11 | 18.80 | 5.77 | 18.20 | 5.47 | 17.60 | 5.18 | 16.40 | 4.87 |
|        | -7                | -7.6     | 21.20                     | 6.13 | 20.10 | 5.84 | 18.80 | 5.52 | 18.20 | 5.24 | 17.60 | 4.97 | 16.40 | 4.67 |
|        | -5                | -5.6     | 21.20                     | 5.77 | 20.10 | 5.49 | 18.80 | 5.20 | 18.20 | 4.94 | 17.60 | 4.68 | 16.40 | 4.39 |
|        | -3                | -3.7     | 21.20                     | 5.41 | 20.10 | 5.14 | 18.80 | 4.87 | 18.20 | 4.63 | 17.60 | 4.40 | 16.40 | 4.12 |
|        | 0                 | -0.7     | 21.20                     | 4.88 | 20.10 | 4.63 | 18.80 | 4.38 | 18.20 | 4.18 | 17.60 | 3.98 | 16.40 | 3.72 |
|        | 3                 | 2.2      | 21.20                     | 4.34 | 20.10 | 4.10 | 18.80 | 3.90 | 18.20 | 3.72 | 17.60 | 3.56 | 16.40 | 3.32 |
|        | 5                 | 4.1      | 20.10                     | 3.66 | 19.00 | 3.43 | 17.60 | 3.26 | 17.00 | 3.12 | 16.40 | 2.98 | 15.20 | 2.76 |
|        | 7                 | 6        | 18.90                     | 3.06 | 17.80 | 2.84 | 16.50 | 2.70 | 15.80 | 2.58 | 15.20 | 2.47 | 14.00 | 2.28 |
|        | 9                 | 7.9      | 17.70                     | 2.49 | 16.50 | 2.31 | 15.20 | 2.18 | 14.60 | 2.08 | 14.00 | 1.99 | 12.70 | 1.83 |
|        | 11                | 9.8      | 16.50                     | 2.11 | 15.30 | 1.96 | 14.00 | 1.84 | 13.30 | 1.76 | 12.70 | 1.69 | 11.40 | 1.54 |
|        | 13                | 11.8     | 15.20                     | 1.80 | 14.00 | 1.66 | 12.70 | 1.57 | 12.00 | 1.49 | 11.40 | 1.42 | 10.10 | 1.30 |
|        | 15                | 13.7     | 13.80                     | 1.54 | 12.60 | 1.43 | 11.30 | 1.34 | 10.70 | 1.28 | 10.00 | 1.22 | 8.70  | 1.12 |
| 50     | -30               | -30.2    | 11.20                     | 7.34 | 10.60 | 8.68 | 10.00 | 8.17 | 9.60  | 7.70 | 9.30  | 7.22 | 8.70  | 6.83 |
|        | -24.8             | -25      | 17.70                     | 7.24 | 16.70 | 7.43 | 15.70 | 6.99 | 15.20 | 6.59 | 14.70 | 6.20 | 13.70 | 5.86 |
|        | -21.8             | -22      | 17.70                     | 7.41 | 16.70 | 6.98 | 15.70 | 6.57 | 15.20 | 6.19 | 14.70 | 5.84 | 13.70 | 5.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 17.70                     | 7.09 | 16.70 | 6.67 | 15.70 | 6.29 | 15.20 | 5.93 | 14.70 | 5.60 | 13.70 | 5.27 |
|        | -18.8             | -19      | 17.70                     | 6.93 | 16.70 | 6.53 | 15.70 | 6.15 | 15.20 | 5.80 | 14.70 | 5.47 | 13.70 | 5.16 |
|        | -16.7             | -17      | 17.70                     | 6.60 | 16.70 | 6.21 | 15.70 | 5.86 | 15.20 | 5.52 | 14.70 | 5.22 | 13.70 | 4.92 |
|        | -15               | -15.9    | 17.70                     | 6.36 | 16.70 | 5.98 | 15.70 | 5.65 | 15.20 | 5.33 | 14.70 | 5.04 | 13.70 | 4.74 |
|        | -13.7             | -15      | 17.70                     | 6.13 | 16.70 | 5.76 | 15.70 | 5.44 | 15.20 | 5.13 | 14.70 | 4.86 | 13.70 | 4.57 |
|        | -11.8             | -13      | 17.70                     | 5.83 | 16.70 | 5.47 | 15.70 | 5.18 | 15.20 | 4.89 | 14.70 | 4.63 | 13.70 | 4.36 |
|        | -9.8              | -11      | 17.70                     | 5.51 | 16.70 | 5.18 | 15.70 | 4.90 | 15.20 | 4.63 | 14.70 | 4.39 | 13.70 | 4.13 |
|        | -9.5              | -10      | 17.70                     | 5.46 | 16.70 | 5.13 | 15.70 | 4.86 | 15.20 | 4.59 | 14.70 | 4.36 | 13.70 | 4.10 |
|        | -8.5              | -9.1     | 17.70                     | 5.30 | 16.70 | 4.98 | 15.70 | 4.73 | 15.20 | 4.47 | 14.70 | 4.24 | 13.70 | 3.99 |
|        | -7                | -7.6     | 17.70                     | 5.07 | 16.70 | 4.76 | 15.70 | 4.52 | 15.20 | 4.27 | 14.70 | 4.06 | 13.70 | 3.82 |
|        | -5                | -5.6     | 17.70                     | 4.76 | 16.70 | 4.48 | 15.70 | 4.26 | 15.20 | 4.02 | 14.70 | 3.83 | 13.70 | 3.59 |
|        | -3                | -3.7     | 17.70                     | 4.46 | 16.70 | 4.19 | 15.70 | 3.98 | 15.20 | 3.77 | 14.70 | 3.59 | 13.70 | 3.38 |
|        | 0                 | -0.7     | 17.70                     | 4.00 | 16.70 | 3.76 | 15.70 | 3.58 | 15.20 | 3.39 | 14.70 | 3.25 | 13.70 | 3.05 |
|        | 3                 | 2.2      | 17.70                     | 3.54 | 16.70 | 3.33 | 15.70 | 3.18 | 15.20 | 3.02 | 14.70 | 2.90 | 13.70 | 2.72 |
|        | 5                 | 4.1      | 16.80                     | 2.99 | 15.70 | 2.80 | 14.70 | 2.67 | 14.20 | 2.54 | 13.70 | 2.44 | 12.70 | 2.27 |
|        | 7                 | 6        | 15.80                     | 2.50 | 14.80 | 2.32 | 13.70 | 2.23 | 13.20 | 2.11 | 12.70 | 2.03 | 11.70 | 1.90 |
|        | 9                 | 7.9      | 14.80                     | 2.07 | 13.70 | 1.92 | 12.70 | 1.85 | 12.20 | 1.74 | 11.70 | 1.68 | 10.60 | 1.55 |
|        | 11                | 9.8      | 13.70                     | 1.78 | 12.70 | 1.66 | 11.70 | 1.58 | 11.10 | 1.49 | 10.60 | 1.44 | 9.60  | 1.33 |
|        | 13                | 11.8     | 12.70                     | 1.53 | 11.60 | 1.42 | 10.60 | 1.36 | 10.00 | 1.29 | 9.50  | 1.24 | 8.40  | 1.14 |
|        | 15                | 13.7     | 11.50                     | 1.33 | 10.50 | 1.24 | 9.40  | 1.18 | 8.90  | 1.12 | 8.40  | 1.08 | 7.30  | 0.99 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM120LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 15.30                     | 11.24 | 15.30 | 11.46 | 15.20 | 11.66 | 15.20 | 11.96 | 15.20 | 12.25 | 15.20 | 12.72 |
|        | -24.8             | -25      | 25.50                     | 11.98 | 25.50 | 12.20 | 25.40 | 12.40 | 25.40 | 12.70 | 25.40 | 12.99 | 25.30 | 13.44 |
|        | -21.8             | -22      | 30.30                     | 12.41 | 30.30 | 12.63 | 30.10 | 12.83 | 30.10 | 13.12 | 30.10 | 13.42 | 30.00 | 13.85 |
|        | -19.8             | -20      | 31.60                     | 12.69 | 31.60 | 12.92 | 31.40 | 13.11 | 31.40 | 13.41 | 31.40 | 13.69 | 31.30 | 14.14 |
|        | -18.8             | -19      | 32.40                     | 12.84 | 32.40 | 13.06 | 32.10 | 13.25 | 32.10 | 13.55 | 32.10 | 13.83 | 32.00 | 14.28 |
|        | -16.7             | -17      | 34.00                     | 13.13 | 34.00 | 13.35 | 33.70 | 13.55 | 33.70 | 13.84 | 33.70 | 14.12 | 33.50 | 14.57 |
|        | -15               | -15.9    | 35.10                     | 13.34 | 35.10 | 13.56 | 34.90 | 13.76 | 34.90 | 14.05 | 34.90 | 14.33 | 34.70 | 14.22 |
|        | -13.7             | -15      | 36.20                     | 13.55 | 36.20 | 13.77 | 36.00 | 13.97 | 36.00 | 14.26 | 36.00 | 14.54 | 35.80 | 13.87 |
|        | -11.8             | -13      | 37.40                     | 13.82 | 37.40 | 14.04 | 37.20 | 14.23 | 37.20 | 14.53 | 37.20 | 14.07 | 37.20 | 13.42 |
|        | -9.8              | -11      | 38.70                     | 14.09 | 38.70 | 14.32 | 38.30 | 14.51 | 38.30 | 14.01 | 38.30 | 13.56 | 38.30 | 12.96 |
|        | -9.5              | -10      | 38.90                     | 14.14 | 38.90 | 14.36 | 38.70 | 14.43 | 38.70 | 13.92 | 38.50 | 13.49 | 38.50 | 12.88 |
|        | -8.5              | -9.1     | 39.80                     | 14.28 | 39.80 | 14.50 | 39.60 | 14.15 | 39.60 | 13.67 | 39.20 | 13.23 | 39.20 | 12.65 |
|        | -7                | -7.6     | 41.30                     | 14.48 | 41.30 | 14.08 | 41.00 | 13.75 | 41.00 | 13.27 | 41.00 | 12.85 | 40.80 | 12.30 |
|        | -5                | -5.6     | 43.20                     | 13.94 | 43.20 | 13.55 | 42.90 | 13.21 | 42.90 | 12.76 | 42.90 | 12.37 | 42.20 | 11.85 |
|        | -3                | -3.7     | 45.20                     | 13.39 | 45.20 | 13.01 | 44.80 | 12.68 | 44.80 | 12.25 | 44.80 | 11.88 | 42.70 | 11.15 |
|        | 0                 | -0.7     | 47.90                     | 12.57 | 47.90 | 12.20 | 47.70 | 11.88 | 47.50 | 11.44 | 45.80 | 10.69 | 42.70 | 10.05 |
|        | 3                 | 2.2      | 48.90                     | 11.31 | 48.90 | 10.96 | 48.70 | 10.68 | 47.50 | 10.10 | 45.80 | 9.75  | 42.70 | 9.42  |
|        | 5                 | 4.1      | 46.30                     | 9.58  | 46.10 | 9.24  | 45.70 | 8.95  | 44.50 | 8.66  | 42.80 | 8.37  | 39.60 | 8.05  |
|        | 7                 | 6        | 43.60                     | 8.27  | 43.20 | 7.93  | 42.60 | 7.63  | 41.40 | 7.37  | 39.60 | 7.10  | 36.50 | 6.80  |
|        | 9                 | 7.9      | 40.80                     | 7.12  | 40.30 | 6.79  | 39.50 | 6.49  | 38.10 | 6.25  | 36.40 | 6.02  | 33.20 | 5.71  |
| 120    | 11                | 9.8      | 37.90                     | 6.11  | 37.20 | 5.80  | 36.20 | 5.51  | 34.80 | 5.29  | 33.10 | 5.06  | 29.80 | 4.76  |
|        | 13                | 11.8     | 35.00                     | 5.16  | 34.00 | 4.88  | 32.80 | 4.60  | 31.40 | 4.39  | 29.60 | 4.19  | 26.30 | 3.90  |
|        | 15                | 13.7     | 31.90                     | 4.30  | 30.70 | 4.03  | 29.20 | 3.76  | 27.80 | 3.58  | 26.00 | 3.40  | 22.70 | 3.12  |
|        | -30               | -30.2    | 15.20                     | 11.46 | 15.20 | 11.66 | 15.10 | 11.96 | 15.10 | 12.25 | 15.10 | 12.72 | 15.10 | 13.04 |
|        | -24.8             | -25      | 25.40                     | 12.20 | 25.40 | 12.40 | 25.20 | 12.70 | 25.20 | 12.99 | 25.20 | 13.44 | 25.10 | 13.76 |
|        | -21.8             | -22      | 30.10                     | 12.63 | 30.10 | 12.83 | 29.90 | 13.12 | 29.90 | 13.42 | 29.90 | 13.85 | 29.80 | 14.17 |
|        | -19.8             | -20      | 31.40                     | 12.92 | 31.40 | 13.11 | 31.20 | 13.41 | 31.20 | 13.69 | 31.20 | 14.14 | 31.10 | 14.45 |
|        | -18.8             | -19      | 32.10                     | 13.06 | 32.10 | 13.25 | 31.90 | 13.55 | 31.90 | 13.83 | 31.90 | 14.28 | 31.80 | 14.59 |
|        | -16.7             | -17      | 33.70                     | 13.35 | 33.70 | 13.55 | 33.50 | 13.84 | 33.50 | 14.12 | 33.50 | 14.57 | 33.30 | 14.14 |
|        | -15               | -15.9    | 34.80                     | 13.56 | 34.80 | 13.76 | 34.60 | 14.05 | 34.60 | 14.33 | 34.60 | 14.23 | 34.40 | 13.82 |
|        | -13.7             | -15      | 35.90                     | 13.77 | 35.90 | 13.97 | 35.70 | 14.26 | 35.70 | 14.54 | 35.70 | 13.89 | 35.60 | 13.49 |
|        | -11.8             | -13      | 37.10                     | 14.04 | 37.10 | 14.23 | 36.80 | 14.53 | 36.80 | 14.06 | 36.80 | 13.45 | 36.80 | 13.08 |
|        | -9.8              | -11      | 38.30                     | 14.32 | 38.30 | 14.51 | 38.10 | 13.99 | 38.10 | 13.55 | 38.10 | 13.00 | 38.10 | 12.65 |
|        | -9.5              | -10      | 38.70                     | 14.36 | 38.70 | 14.42 | 38.40 | 13.91 | 38.40 | 13.48 | 38.40 | 12.94 | 38.40 | 12.58 |
|        | -8.5              | -9.1     | 39.60                     | 14.50 | 39.60 | 14.13 | 39.30 | 13.63 | 39.30 | 13.22 | 39.30 | 12.71 | 39.30 | 12.37 |
|        | -7                | -7.6     | 41.00                     | 14.06 | 41.00 | 13.70 | 40.80 | 13.24 | 40.80 | 12.84 | 40.60 | 12.37 | 40.10 | 11.94 |
|        | -5                | -5.6     | 42.90                     | 13.49 | 42.90 | 13.14 | 42.60 | 12.72 | 42.60 | 12.35 | 42.60 | 11.93 | 40.10 | 11.11 |
|        | -3                | -3.7     | 44.80                     | 12.92 | 44.80 | 12.58 | 44.50 | 12.19 | 44.50 | 11.85 | 43.10 | 11.13 | 40.10 | 10.50 |
|        | 0                 | -0.7     | 47.60                     | 12.06 | 47.60 | 11.74 | 46.10 | 11.12 | 44.50 | 10.46 | 43.10 | 10.15 | 40.10 | 9.92  |
|        | 3                 | 2.2      | 48.50                     | 10.75 | 48.00 | 10.36 | 46.10 | 9.96  | 44.50 | 9.73  | 43.10 | 9.54  | 40.10 | 9.35  |
|        | 5                 | 4.1      | 45.90                     | 9.10  | 45.30 | 8.83  | 43.30 | 8.59  | 41.70 | 8.39  | 40.20 | 8.25  | 37.20 | 8.04  |
|        | 7                 | 6        | 43.20                     | 7.82  | 42.40 | 7.54  | 40.40 | 7.32  | 38.70 | 7.15  | 37.30 | 7.04  | 34.20 | 6.83  |
|        | 9                 | 7.9      | 40.50                     | 6.72  | 39.50 | 6.46  | 37.40 | 6.24  | 35.70 | 6.07  | 34.30 | 5.96  | 31.20 | 5.73  |
|        | 11                | 9.8      | 37.60                     | 5.78  | 36.50 | 5.51  | 34.20 | 5.29  | 32.60 | 5.13  | 31.10 | 5.02  | 28.00 | 4.79  |
|        | 13                | 11.8     | 34.70                     | 4.89  | 33.40 | 4.64  | 31.00 | 4.42  | 29.40 | 4.27  | 27.90 | 4.16  | 24.70 | 3.92  |
|        | 15                | 13.7     | 31.60                     | 4.07  | 30.20 | 3.84  | 27.70 | 3.63  | 26.00 | 3.49  | 24.50 | 3.38  | 21.30 | 3.15  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 15.10                     | 11.66 | 15.10 | 11.96 | 15.10 | 12.25 | 15.10 | 12.72 | 15.10 | 13.04 | 15.00 | 13.17 |
|        | -24.8             | -25      | 25.20                     | 12.40 | 25.20 | 12.70 | 25.10 | 12.99 | 25.10 | 13.44 | 25.10 | 13.76 | 25.00 | 13.90 |
|        | -21.8             | -22      | 30.00                     | 12.83 | 30.00 | 13.12 | 29.80 | 13.42 | 29.80 | 13.85 | 29.80 | 14.17 | 29.70 | 14.33 |
|        | -19.8             | -20      | 31.20                     | 13.11 | 31.20 | 13.41 | 31.10 | 13.69 | 31.10 | 14.14 | 31.10 | 14.45 | 30.90 | 14.60 |
|        | -18.8             | -19      | 31.90                     | 13.25 | 31.90 | 13.55 | 31.70 | 13.83 | 31.70 | 14.28 | 31.70 | 14.59 | 31.60 | 14.37 |
|        | -16.7             | -17      | 33.50                     | 13.55 | 33.50 | 13.84 | 33.30 | 14.12 | 33.30 | 14.57 | 33.30 | 14.11 | 33.10 | 13.88 |
|        | -15               | -15.9    | 34.70                     | 13.76 | 34.70 | 14.05 | 34.40 | 14.33 | 34.40 | 14.21 | 34.40 | 13.76 | 34.30 | 13.53 |
|        | -13.7             | -15      | 35.80                     | 13.97 | 35.80 | 14.26 | 35.50 | 14.54 | 35.50 | 13.85 | 35.50 | 13.42 | 35.50 | 13.19 |
|        | -11.8             | -13      | 36.90                     | 14.23 | 36.90 | 14.53 | 36.60 | 14.03 | 36.60 | 13.38 | 36.60 | 12.99 | 36.10 | 12.58 |
|        | -9.8              | -11      | 38.10                     | 14.51 | 38.10 | 13.95 | 37.90 | 13.49 | 37.90 | 12.90 | 37.90 | 12.53 | 36.10 | 11.71 |
|        | -9.5              | -10      | 38.40                     | 14.41 | 38.40 | 13.85 | 38.20 | 13.40 | 38.20 | 12.82 | 38.20 | 12.47 | 36.10 | 11.54 |
|        | -8.5              | -9.1     | 39.40                     | 14.10 | 39.40 | 13.56 | 39.10 | 13.14 | 39.10 | 12.58 | 38.60 | 12.08 | 36.10 | 11.23 |
|        | -7                | -7.6     | 40.80                     | 13.62 | 40.80 | 13.12 | 40.60 | 12.73 | 40.00 | 12.04 | 38.60 | 11.32 | 36.10 | 10.91 |
|        | -5                | -5.6     | 42.70                     | 13.00 | 42.70 | 12.55 | 41.30 | 11.89 | 40.00 | 11.08 | 38.60 | 10.73 | 36.10 | 10.49 |
|        | -3                | -3.7     | 44.50                     | 12.39 | 44.00 | 11.85 | 41.30 | 10.93 | 40.00 | 10.56 | 38.60 | 10.32 | 36.10 | 10.09 |
|        | 0                 | -0.7     | 46.60                     | 11.26 | 44.00 | 10.44 | 41.30 | 10.19 | 40.00 | 9.90  | 38.60 | 9.71  | 36.10 | 9.47  |
|        | 3                 | 2.2      | 46.60                     | 9.86  | 44.00 | 9.63  | 41.30 | 9.46  | 40.00 | 9.25  | 38.60 | 9.09  | 36.10 | 8.84  |
|        | 5                 | 4.1      | 44.10                     | 8.50  | 41.50 | 8.31  | 38.80 | 8.14  | 37.50 | 7.98  | 36.00 | 7.84  | 33.50 | 7.57  |
|        | 7                 | 6        | 41.50                     | 7.24  | 38.90 | 7.07  | 36.20 | 6.93  | 34.80 | 6.81  | 33.40 | 6.68  | 30.80 | 6.40  |
|        | 9                 | 7.9      | 38.90                     | 6.22  | 36.20 | 6.04  | 33.50 | 5.90  | 32.10 | 5.78  | 30.70 | 5.65  | 28.10 | 5.37  |
|        | 11                | 9.8      | 36.20                     | 5.32  | 33.50 | 5.15  | 30.70 | 4.99  | 29.30 | 4.87  | 27.90 | 4.75  | 25.20 | 4.47  |
|        | 13                | 11.8     | 33.30                     | 4.49  | 30.60 | 4.33  | 27.80 | 4.16  | 26.40 | 4.04  | 25.00 | 3.92  | 22.20 | 3.67  |
|        | 15                | 13.7     | 30.40                     | 3.73  | 27.60 | 3.57  | 24.80 | 3.40  | 23.40 | 3.30  | 21.90 | 3.19  | 19.20 | 2.94  |
| 100    | -30               | -30.2    | 15.10                     | 13.80 | 15.10 | 13.88 | 15.00 | 12.85 | 15.00 | 14.10 | 15.00 | 13.81 | 14.90 | 14.24 |
|        | -24.8             | -25      | 25.10                     | 13.99 | 25.10 | 14.07 | 25.00 | 13.56 | 25.00 | 14.29 | 25.00 | 14.38 | 24.90 | 14.43 |
|        | -21.8             | -22      | 29.80                     | 14.10 | 29.80 | 14.18 | 29.70 | 13.96 | 29.70 | 14.40 | 29.70 | 14.71 | 29.50 | 14.54 |
|        | -19.8             | -20      | 31.10                     | 14.16 | 31.10 | 14.24 | 30.90 | 14.22 | 30.90 | 14.46 | 30.90 | 14.63 | 30.80 | 14.60 |
|        | -18.8             | -19      | 31.80                     | 14.19 | 31.60 | 14.29 | 31.60 | 14.37 | 31.60 | 14.50 | 31.60 | 14.59 | 31.50 | 14.33 |
|        | -16.7             | -17      | 33.20                     | 14.27 | 33.20 | 14.36 | 33.20 | 14.67 | 33.00 | 14.57 | 33.00 | 14.03 | 32.80 | 13.77 |
|        | -15               | -15.9    | 34.40                     | 14.32 | 34.40 | 14.41 | 34.30 | 14.60 | 34.20 | 14.16 | 34.20 | 13.63 | 33.00 | 12.97 |
|        | -13.7             | -15      | 35.60                     | 14.38 | 35.60 | 14.46 | 35.30 | 14.54 | 35.30 | 13.75 | 35.30 | 13.23 | 33.00 | 12.14 |
|        | -11.8             | -13      | 36.70                     | 14.44 | 36.50 | 14.53 | 36.50 | 13.98 | 36.50 | 13.23 | 35.40 | 12.33 | 33.00 | 11.66 |
|        | -9.8              | -11      | 37.90                     | 14.51 | 37.90 | 13.89 | 37.80 | 13.40 | 36.60 | 12.28 | 35.40 | 11.42 | 33.00 | 11.15 |
|        | -9.5              | -10      | 38.20                     | 14.41 | 38.20 | 13.80 | 37.80 | 13.23 | 36.60 | 12.13 | 35.40 | 11.34 | 33.00 | 11.08 |
|        | -8.5              | -9.1     | 39.20                     | 14.07 | 39.20 | 13.49 | 37.80 | 12.62 | 36.60 | 11.53 | 35.40 | 11.09 | 33.00 | 10.83 |
|        | -7                | -7.6     | 41.20                     | 13.57 | 40.20 | 12.72 | 37.80 | 11.77 | 36.60 | 11.15 | 35.40 | 10.72 | 33.00 | 10.46 |
|        | -5                | -5.6     | 42.60                     | 12.79 | 40.20 | 11.70 | 37.80 | 11.23 | 36.60 | 10.66 | 35.40 | 10.23 | 33.00 | 9.97  |
|        | -3                | -3.7     | 42.60                     | 11.79 | 40.20 | 11.04 | 37.80 | 10.70 | 36.60 | 10.15 | 35.40 | 9.76  | 33.00 | 9.48  |
|        | 0                 | -0.7     | 42.60                     | 10.57 | 40.20 | 10.17 | 37.80 | 9.89  | 36.60 | 9.42  | 35.40 | 9.03  | 33.00 | 8.76  |
|        | 3                 | 2.2      | 42.60                     | 9.65  | 40.20 | 9.31  | 37.80 | 9.09  | 36.60 | 8.67  | 35.40 | 8.31  | 33.00 | 8.03  |
|        | 5                 | 4.1      | 40.30                     | 8.29  | 37.90 | 7.98  | 35.50 | 7.78  | 34.30 | 7.40  | 33.10 | 7.08  | 30.60 | 6.78  |
|        | 7                 | 6        | 38.00                     | 7.03  | 35.50 | 6.75  | 33.10 | 6.57  | 31.90 | 6.26  | 30.60 | 5.96  | 28.20 | 5.67  |
|        | 9                 | 7.9      | 35.60                     | 5.98  | 33.10 | 5.72  | 30.60 | 5.54  | 29.40 | 5.26  | 28.10 | 4.99  | 25.60 | 4.71  |
|        | 11                | 9.8      | 33.10                     | 5.07  | 30.60 | 4.83  | 28.10 | 4.65  | 26.80 | 4.39  | 25.60 | 4.16  | 23.00 | 3.89  |
|        | 13                | 11.8     | 30.50                     | 4.23  | 28.00 | 4.00  | 25.40 | 3.83  | 24.20 | 3.61  | 22.90 | 3.41  | 20.30 | 3.15  |
|        | 15                | 13.7     | 27.80                     | 3.46  | 25.30 | 3.26  | 22.70 | 3.10  | 21.40 | 2.91  | 20.10 | 2.73  | 17.50 | 2.50  |
| 90     | -30               | -30.2    | 15.00                     | 11.59 | 15.00 | 12.04 | 14.90 | 12.36 | 14.90 | 12.51 | 14.90 | 12.81 | 14.90 | 15.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 25.00                     | 12.33 | 25.00 | 12.78 | 24.90 | 13.10 | 24.90 | 13.25 | 24.90 | 13.55 | 24.80 | 14.00 |
|        | -21.8             | -22      | 29.70                     | 12.76 | 29.70 | 13.21 | 29.60 | 13.53 | 29.60 | 13.67 | 29.60 | 13.98 | 29.40 | 13.31 |
|        | -19.8             | -20      | 31.00                     | 13.05 | 31.00 | 13.49 | 30.80 | 13.80 | 30.80 | 13.96 | 30.80 | 13.50 | 30.10 | 12.62 |
|        | -18.8             | -19      | 31.80                     | 13.19 | 31.60 | 13.64 | 31.50 | 13.95 | 31.50 | 13.71 | 31.50 | 13.26 | 30.10 | 12.10 |
|        | -16.7             | -17      | 33.20                     | 13.48 | 33.20 | 13.93 | 33.00 | 13.43 | 33.00 | 13.19 | 32.40 | 12.53 | 30.10 | 11.37 |
|        | -15               | -15.9    | 34.40                     | 13.69 | 34.40 | 13.54 | 34.10 | 13.06 | 33.50 | 12.59 | 32.40 | 11.89 | 30.10 | 11.05 |
|        | -13.7             | -15      | 35.60                     | 13.90 | 35.60 | 13.15 | 34.60 | 12.46 | 33.50 | 11.84 | 32.40 | 11.28 | 30.10 | 10.73 |
|        | -11.8             | -13      | 36.70                     | 13.37 | 36.50 | 12.67 | 34.60 | 11.62 | 33.50 | 11.23 | 32.40 | 10.86 | 30.10 | 10.32 |
|        | -9.8              | -11      | 37.90                     | 12.81 | 36.70 | 11.78 | 34.60 | 11.00 | 33.50 | 10.77 | 32.40 | 10.43 | 30.10 | 9.90  |
|        | -9.5              | -10      | 38.20                     | 12.72 | 36.70 | 11.60 | 34.60 | 10.93 | 33.50 | 10.70 | 32.40 | 10.36 | 30.10 | 9.84  |
|        | -8.5              | -9.1     | 39.00                     | 12.38 | 36.70 | 11.17 | 34.60 | 10.70 | 33.50 | 10.47 | 32.40 | 10.14 | 30.10 | 9.62  |
|        | -7                | -7.6     | 39.00                     | 11.38 | 36.70 | 10.72 | 34.60 | 10.36 | 33.50 | 10.13 | 32.40 | 9.80  | 30.10 | 9.31  |
|        | -5                | -5.6     | 39.00                     | 10.76 | 36.70 | 10.25 | 34.60 | 9.92  | 33.50 | 9.69  | 32.40 | 9.38  | 30.10 | 8.90  |
|        | -3                | -3.7     | 39.00                     | 10.25 | 36.70 | 9.79  | 34.60 | 9.48  | 33.50 | 9.24  | 32.40 | 8.95  | 30.10 | 8.48  |
|        | 0                 | -0.7     | 39.00                     | 9.49  | 36.70 | 9.09  | 34.60 | 8.82  | 33.50 | 8.58  | 32.40 | 8.32  | 30.10 | 7.87  |
|        | 3                 | 2.2      | 39.00                     | 8.72  | 36.70 | 8.40  | 34.60 | 8.16  | 33.50 | 7.92  | 32.40 | 7.67  | 30.10 | 7.26  |
|        | 5                 | 4.1      | 36.90                     | 7.54  | 34.60 | 7.26  | 32.50 | 7.02  | 31.40 | 6.79  | 30.30 | 6.57  | 27.90 | 6.17  |
|        | 7                 | 6        | 34.80                     | 6.45  | 32.40 | 6.21  | 30.30 | 6.00  | 29.20 | 5.76  | 28.00 | 5.56  | 25.70 | 5.18  |
|        | 9                 | 7.9      | 32.60                     | 5.50  | 30.20 | 5.26  | 28.00 | 5.05  | 26.90 | 4.84  | 25.80 | 4.66  | 23.40 | 4.32  |
|        | 11                | 9.8      | 30.30                     | 4.62  | 27.90 | 4.41  | 25.70 | 4.20  | 24.60 | 4.02  | 23.40 | 3.85  | 21.00 | 3.54  |
|        | 13                | 11.8     | 27.90                     | 3.83  | 25.50 | 3.64  | 23.30 | 3.45  | 22.10 | 3.29  | 21.00 | 3.14  | 18.50 | 2.86  |
|        | 15                | 13.7     | 25.40                     | 3.13  | 23.10 | 2.95  | 20.80 | 2.79  | 19.60 | 2.64  | 18.40 | 2.51  | 16.00 | 2.27  |
| 80     | -30               | -30.2    | 14.90                     | 10.02 | 14.90 | 10.47 | 14.90 | 10.79 | 14.90 | 10.41 | 14.90 | 13.51 | 14.80 | 12.86 |
|        | -24.8             | -25      | 24.90                     | 10.77 | 24.90 | 11.22 | 24.80 | 11.54 | 24.80 | 11.68 | 24.80 | 12.44 | 24.70 | 11.85 |
|        | -21.8             | -22      | 29.40                     | 11.20 | 29.40 | 11.65 | 29.40 | 11.97 | 29.40 | 12.42 | 28.90 | 11.64 | 26.90 | 10.56 |
|        | -19.8             | -20      | 30.60                     | 11.49 | 30.60 | 11.93 | 30.60 | 12.40 | 30.00 | 11.73 | 28.90 | 10.77 | 26.90 | 10.20 |
|        | -18.8             | -19      | 31.40                     | 11.63 | 31.40 | 12.39 | 30.90 | 11.98 | 30.00 | 11.24 | 28.90 | 10.51 | 26.90 | 10.02 |
|        | -16.7             | -17      | 33.00                     | 12.38 | 33.00 | 11.93 | 30.90 | 10.97 | 30.00 | 10.60 | 28.90 | 10.11 | 26.90 | 9.64  |
|        | -15               | -15.9    | 33.70                     | 12.03 | 33.00 | 11.45 | 30.90 | 10.66 | 30.00 | 10.30 | 28.90 | 9.83  | 26.90 | 9.37  |
|        | -13.7             | -15      | 34.50                     | 11.68 | 33.00 | 10.98 | 30.90 | 10.36 | 30.00 | 9.99  | 28.90 | 9.54  | 26.90 | 9.10  |
|        | -11.8             | -13      | 35.00                     | 11.10 | 33.00 | 10.41 | 30.90 | 9.96  | 30.00 | 9.61  | 28.90 | 9.19  | 26.90 | 8.76  |
|        | -9.8              | -11      | 35.00                     | 10.36 | 33.00 | 9.83  | 30.90 | 9.55  | 30.00 | 9.22  | 28.90 | 8.82  | 26.90 | 8.41  |
|        | -9.5              | -10      | 35.00                     | 10.24 | 33.00 | 9.74  | 30.90 | 9.49  | 30.00 | 9.16  | 28.90 | 8.76  | 26.90 | 8.35  |
|        | -8.5              | -9.1     | 35.00                     | 9.91  | 33.00 | 9.48  | 30.90 | 9.29  | 30.00 | 8.96  | 28.90 | 8.56  | 26.90 | 8.17  |
|        | -7                | -7.6     | 35.00                     | 9.50  | 33.00 | 9.17  | 30.90 | 8.98  | 30.00 | 8.65  | 28.90 | 8.29  | 26.90 | 7.90  |
|        | -5                | -5.6     | 35.00                     | 9.08  | 33.00 | 8.78  | 30.90 | 8.59  | 30.00 | 8.26  | 28.90 | 7.92  | 26.90 | 7.56  |
|        | -3                | -3.7     | 35.00                     | 8.66  | 33.00 | 8.38  | 30.90 | 8.19  | 30.00 | 7.88  | 28.90 | 7.56  | 26.90 | 7.21  |
|        | 0                 | -0.7     | 35.00                     | 8.04  | 33.00 | 7.79  | 30.90 | 7.59  | 30.00 | 7.30  | 28.90 | 7.02  | 26.90 | 6.70  |
|        | 3                 | 2.2      | 35.00                     | 7.42  | 33.00 | 7.18  | 30.90 | 7.00  | 30.00 | 6.71  | 28.90 | 6.47  | 26.90 | 6.18  |
|        | 5                 | 4.1      | 33.10                     | 6.43  | 31.10 | 6.22  | 29.00 | 6.02  | 28.10 | 5.76  | 27.00 | 5.55  | 25.00 | 5.28  |
|        | 7                 | 6        | 31.20                     | 5.53  | 29.20 | 5.33  | 27.10 | 5.14  | 26.10 | 4.89  | 25.00 | 4.71  | 23.00 | 4.45  |
|        | 9                 | 7.9      | 29.20                     | 4.71  | 27.20 | 4.52  | 25.00 | 4.34  | 24.10 | 4.12  | 23.00 | 3.96  | 20.90 | 3.72  |
|        | 11                | 9.8      | 27.20                     | 3.95  | 25.10 | 3.77  | 23.00 | 3.59  | 22.00 | 3.41  | 20.90 | 3.26  | 18.80 | 3.04  |
|        | 13                | 11.8     | 25.00                     | 3.29  | 23.00 | 3.13  | 20.80 | 2.97  | 19.80 | 2.80  | 18.70 | 2.68  | 16.60 | 2.47  |
|        | 15                | 13.7     | 22.80                     | 2.75  | 20.70 | 2.60  | 18.60 | 2.45  | 17.60 | 2.31  | 16.40 | 2.20  | 14.30 | 2.01  |
| 70     | -30               | -30.2    | 14.90                     | 10.35 | 14.90 | 10.50 | 14.90 | 10.81 | 14.90 | 13.12 | 14.90 | 12.45 | 14.70 | 11.81 |
|        | -24.8             | -25      | 24.90                     | 11.11 | 24.90 | 11.25 | 24.80 | 11.56 | 24.80 | 12.01 | 24.70 | 11.37 | 23.00 | 10.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 28.30                     | 11.54 | 28.00 | 11.56 | 26.30 | 11.23 | 25.40 | 10.66 | 24.70 | 10.11 | 23.00 | 9.60  |
|        | -19.8             | -20      | 29.60                     | 11.46 | 28.00 | 11.21 | 26.30 | 10.81 | 25.40 | 10.26 | 24.70 | 9.75  | 23.00 | 9.25  |
|        | -18.8             | -19      | 29.60                     | 11.28 | 28.00 | 10.99 | 26.30 | 10.60 | 25.40 | 10.06 | 24.70 | 9.56  | 23.00 | 9.07  |
|        | -16.7             | -17      | 29.60                     | 10.75 | 28.00 | 10.53 | 26.30 | 10.16 | 25.40 | 9.65  | 24.70 | 9.18  | 23.00 | 8.71  |
|        | -15               | -15.9    | 29.60                     | 10.42 | 28.00 | 10.21 | 26.30 | 9.84  | 25.40 | 9.35  | 24.70 | 8.90  | 23.00 | 8.44  |
|        | -13.7             | -15      | 29.60                     | 10.10 | 28.00 | 9.89  | 26.30 | 9.53  | 25.40 | 9.05  | 24.70 | 8.63  | 23.00 | 8.18  |
|        | -11.8             | -13      | 29.60                     | 9.69  | 28.00 | 9.47  | 26.30 | 9.14  | 25.40 | 8.68  | 24.70 | 8.28  | 23.00 | 7.85  |
|        | -9.8              | -11      | 29.60                     | 9.26  | 28.00 | 9.05  | 26.30 | 8.73  | 25.40 | 8.29  | 24.70 | 7.91  | 23.00 | 7.49  |
|        | -9.5              | -10      | 29.60                     | 9.19  | 28.00 | 8.98  | 26.30 | 8.67  | 25.40 | 8.24  | 24.70 | 7.86  | 23.00 | 7.44  |
|        | -8.5              | -9.1     | 29.60                     | 8.98  | 28.00 | 8.77  | 26.30 | 8.45  | 25.40 | 8.03  | 24.70 | 7.68  | 23.00 | 7.27  |
|        | -7                | -7.6     | 29.60                     | 8.66  | 28.00 | 8.45  | 26.30 | 8.14  | 25.40 | 7.74  | 24.70 | 7.41  | 23.00 | 7.01  |
|        | -5                | -5.6     | 29.60                     | 8.24  | 28.00 | 8.03  | 26.30 | 7.74  | 25.40 | 7.36  | 24.70 | 7.05  | 23.00 | 6.67  |
|        | -3                | -3.7     | 29.60                     | 7.83  | 28.00 | 7.61  | 26.30 | 7.34  | 25.40 | 6.98  | 24.70 | 6.70  | 23.00 | 6.33  |
|        | 0                 | -0.7     | 29.60                     | 7.21  | 28.00 | 6.98  | 26.30 | 6.74  | 25.40 | 6.42  | 24.70 | 6.17  | 23.00 | 5.82  |
|        | 3                 | 2.2      | 29.60                     | 6.58  | 28.00 | 6.35  | 26.30 | 6.13  | 25.40 | 5.85  | 24.70 | 5.64  | 23.00 | 5.31  |
|        | 5                 | 4.1      | 28.00                     | 5.67  | 26.40 | 5.44  | 24.70 | 5.24  | 23.80 | 4.99  | 23.10 | 4.81  | 21.30 | 4.51  |
|        | 7                 | 6        | 26.40                     | 4.84  | 24.80 | 4.62  | 23.00 | 4.43  | 22.10 | 4.21  | 21.40 | 4.06  | 19.60 | 3.78  |
|        | 9                 | 7.9      | 24.70                     | 3.98  | 23.10 | 3.78  | 21.30 | 3.61  | 20.40 | 3.42  | 19.60 | 3.29  | 17.90 | 3.05  |
|        | 11                | 9.8      | 23.00                     | 3.35  | 21.30 | 3.17  | 19.50 | 3.01  | 18.60 | 2.85  | 17.80 | 2.74  | 16.10 | 2.52  |
|        | 13                | 11.8     | 21.20                     | 2.82  | 19.50 | 2.66  | 17.70 | 2.51  | 16.80 | 2.37  | 16.00 | 2.27  | 14.20 | 2.07  |
|        | 15                | 13.7     | 19.30                     | 2.37  | 17.60 | 2.22  | 15.80 | 2.09  | 14.90 | 1.96  | 14.00 | 1.88  | 12.20 | 1.70  |
| 60     | -30               | -30.2    | 14.50                     | 10.07 | 14.50 | 10.37 | 14.50 | 12.71 | 14.00 | 12.02 | 13.50 | 11.36 | 12.60 | 10.77 |
|        | -24.8             | -25      | 24.20                     | 10.82 | 24.10 | 11.06 | 22.60 | 10.85 | 21.80 | 10.26 | 21.10 | 9.71  | 19.70 | 9.19  |
|        | -21.8             | -22      | 25.40                     | 11.02 | 24.10 | 10.83 | 22.60 | 10.24 | 21.80 | 9.69  | 21.10 | 9.18  | 19.70 | 8.68  |
|        | -19.8             | -20      | 25.40                     | 10.81 | 24.10 | 10.40 | 22.60 | 9.84  | 21.80 | 9.31  | 21.10 | 8.82  | 19.70 | 8.35  |
|        | -18.8             | -19      | 25.40                     | 10.60 | 24.10 | 10.18 | 22.60 | 9.63  | 21.80 | 9.12  | 21.10 | 8.65  | 19.70 | 8.17  |
|        | -16.7             | -17      | 25.40                     | 10.14 | 24.10 | 9.73  | 22.60 | 9.21  | 21.80 | 8.73  | 21.10 | 8.28  | 19.70 | 7.82  |
|        | -15               | -15.9    | 25.40                     | 9.81  | 24.10 | 9.41  | 22.60 | 8.91  | 21.80 | 8.45  | 21.10 | 8.01  | 19.70 | 7.56  |
|        | -13.7             | -15      | 25.40                     | 9.48  | 24.10 | 9.09  | 22.60 | 8.61  | 21.80 | 8.17  | 21.10 | 7.75  | 19.70 | 7.31  |
|        | -11.8             | -13      | 25.40                     | 9.08  | 24.10 | 8.69  | 22.60 | 8.22  | 21.80 | 7.81  | 21.10 | 7.42  | 19.70 | 7.00  |
|        | -9.8              | -11      | 25.40                     | 8.64  | 24.10 | 8.26  | 22.60 | 7.83  | 21.80 | 7.44  | 21.10 | 7.07  | 19.70 | 6.66  |
|        | -9.5              | -10      | 25.40                     | 8.57  | 24.10 | 8.20  | 22.60 | 7.77  | 21.80 | 7.38  | 21.10 | 7.02  | 19.70 | 6.60  |
|        | -8.5              | -9.1     | 25.40                     | 8.36  | 24.10 | 7.99  | 22.60 | 7.57  | 21.80 | 7.20  | 21.10 | 6.84  | 19.70 | 6.44  |
|        | -7                | -7.6     | 25.40                     | 8.04  | 24.10 | 7.67  | 22.60 | 7.27  | 21.80 | 6.92  | 21.10 | 6.57  | 19.70 | 6.19  |
|        | -5                | -5.6     | 25.40                     | 7.62  | 24.10 | 7.26  | 22.60 | 6.89  | 21.80 | 6.56  | 21.10 | 6.24  | 19.70 | 5.86  |
|        | -3                | -3.7     | 25.40                     | 7.20  | 24.10 | 6.85  | 22.60 | 6.50  | 21.80 | 6.19  | 21.10 | 5.90  | 19.70 | 5.54  |
|        | 0                 | -0.7     | 25.40                     | 6.57  | 24.10 | 6.22  | 22.60 | 5.92  | 21.80 | 5.65  | 21.10 | 5.39  | 19.70 | 5.05  |
|        | 3                 | 2.2      | 25.40                     | 5.95  | 24.10 | 5.61  | 22.60 | 5.33  | 21.80 | 5.11  | 21.10 | 4.88  | 19.70 | 4.56  |
|        | 5                 | 4.1      | 24.00                     | 5.10  | 22.70 | 4.78  | 21.20 | 4.54  | 20.40 | 4.35  | 19.70 | 4.15  | 18.30 | 3.85  |
|        | 7                 | 6        | 22.60                     | 4.33  | 21.30 | 4.03  | 19.80 | 3.81  | 19.00 | 3.65  | 18.30 | 3.49  | 16.80 | 3.20  |
|        | 9                 | 7.9      | 21.20                     | 3.53  | 19.80 | 3.27  | 18.30 | 3.09  | 17.50 | 2.95  | 16.80 | 2.81  | 15.30 | 2.57  |
|        | 11                | 9.8      | 19.70                     | 3.00  | 18.30 | 2.76  | 16.80 | 2.60  | 16.00 | 2.47  | 15.20 | 2.35  | 13.80 | 2.15  |
|        | 13                | 11.8     | 18.20                     | 2.53  | 16.80 | 2.33  | 15.20 | 2.18  | 14.40 | 2.07  | 13.60 | 1.96  | 12.10 | 1.78  |
|        | 15                | 13.7     | 16.60                     | 2.15  | 15.10 | 1.97  | 13.60 | 1.84  | 12.80 | 1.74  | 12.00 | 1.64  | 10.50 | 1.48  |
| 50     | -30               | -30.2    | 13.60                     | 9.17  | 12.80 | 11.44 | 12.00 | 10.80 | 11.70 | 10.17 | 11.30 | 9.60  | 10.50 | 9.09  |
|        | -24.8             | -25      | 21.20                     | 9.30  | 20.00 | 9.73  | 18.80 | 9.18  | 18.20 | 8.67  | 17.60 | 8.19  | 16.40 | 7.74  |
|        | -21.8             | -22      | 21.20                     | 9.71  | 20.00 | 9.16  | 18.80 | 8.65  | 18.20 | 8.17  | 17.60 | 7.73  | 16.40 | 7.30  |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 21.20                     | 9.31 | 20.00 | 8.79 | 18.80 | 8.30 | 18.20 | 7.84 | 17.60 | 7.42 | 16.40 | 7.01 |
|        | -18.8             | -19      | 21.20                     | 9.12 | 20.00 | 8.59 | 18.80 | 8.13 | 18.20 | 7.68 | 17.60 | 7.27 | 16.40 | 6.87 |
|        | -16.7             | -17      | 21.20                     | 8.70 | 20.00 | 8.21 | 18.80 | 7.76 | 18.20 | 7.33 | 17.60 | 6.94 | 16.40 | 6.56 |
|        | -15               | -15.9    | 21.20                     | 8.41 | 20.00 | 7.92 | 18.80 | 7.50 | 18.20 | 7.08 | 17.60 | 6.72 | 16.40 | 6.34 |
|        | -13.7             | -15      | 21.20                     | 8.11 | 20.00 | 7.64 | 18.80 | 7.24 | 18.20 | 6.84 | 17.60 | 6.49 | 16.40 | 6.12 |
|        | -11.8             | -13      | 21.20                     | 7.74 | 20.00 | 7.29 | 18.80 | 6.90 | 18.20 | 6.53 | 17.60 | 6.20 | 16.40 | 5.85 |
|        | -9.8              | -11      | 21.20                     | 7.35 | 20.00 | 6.91 | 18.80 | 6.56 | 18.20 | 6.21 | 17.60 | 5.90 | 16.40 | 5.56 |
|        | -9.5              | -10      | 21.20                     | 7.29 | 20.00 | 6.86 | 18.80 | 6.51 | 18.20 | 6.16 | 17.60 | 5.86 | 16.40 | 5.52 |
|        | -8.5              | -9.1     | 21.20                     | 7.08 | 20.00 | 6.67 | 18.80 | 6.34 | 18.20 | 6.00 | 17.60 | 5.71 | 16.40 | 5.38 |
|        | -7                | -7.6     | 21.20                     | 6.79 | 20.00 | 6.40 | 18.80 | 6.08 | 18.20 | 5.75 | 17.60 | 5.48 | 16.40 | 5.16 |
|        | -5                | -5.6     | 21.20                     | 6.41 | 20.00 | 6.04 | 18.80 | 5.74 | 18.20 | 5.43 | 17.60 | 5.19 | 16.40 | 4.88 |
|        | -3                | -3.7     | 21.20                     | 6.03 | 20.00 | 5.68 | 18.80 | 5.40 | 18.20 | 5.12 | 17.60 | 4.89 | 16.40 | 4.60 |
|        | 0                 | -0.7     | 21.20                     | 5.46 | 20.00 | 5.13 | 18.80 | 4.90 | 18.20 | 4.65 | 17.60 | 4.45 | 16.40 | 4.18 |
|        | 3                 | 2.2      | 21.20                     | 4.89 | 20.00 | 4.59 | 18.80 | 4.39 | 18.20 | 4.17 | 17.60 | 4.01 | 16.40 | 3.75 |
|        | 5                 | 4.1      | 20.10                     | 4.18 | 18.90 | 3.91 | 17.60 | 3.74 | 17.00 | 3.54 | 16.40 | 3.41 | 15.20 | 3.18 |
|        | 7                 | 6        | 18.90                     | 3.52 | 17.70 | 3.27 | 16.50 | 3.14 | 15.80 | 2.97 | 15.20 | 2.86 | 14.00 | 2.65 |
|        | 9                 | 7.9      | 17.70                     | 2.92 | 16.50 | 2.71 | 15.20 | 2.58 | 14.60 | 2.45 | 14.00 | 2.36 | 12.70 | 2.16 |
|        | 11                | 9.8      | 16.50                     | 2.49 | 15.20 | 2.30 | 14.00 | 2.20 | 13.30 | 2.07 | 12.70 | 1.98 | 11.40 | 1.82 |
|        | 13                | 11.8     | 15.20                     | 2.12 | 13.90 | 1.96 | 12.70 | 1.86 | 12.00 | 1.75 | 11.40 | 1.68 | 10.10 | 1.53 |
|        | 15                | 13.7     | 13.80                     | 1.82 | 12.60 | 1.67 | 11.30 | 1.58 | 10.70 | 1.49 | 10.00 | 1.42 | 8.70  | 1.29 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM140LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 17.30                     | 12.97 | 17.30 | 13.10 | 17.20 | 13.23 | 17.20 | 13.41 | 17.20 | 13.59 | 16.80 | 13.87 |
|        | -24.8             | -25      | 28.80                     | 13.38 | 28.80 | 13.51 | 28.70 | 13.63 | 28.70 | 13.82 | 28.70 | 13.99 | 28.10 | 14.27 |
|        | -21.8             | -22      | 35.10                     | 13.61 | 35.10 | 13.74 | 34.80 | 13.87 | 34.80 | 14.05 | 34.80 | 14.22 | 34.20 | 14.50 |
|        | -19.8             | -20      | 37.00                     | 13.77 | 37.00 | 13.90 | 36.80 | 14.02 | 36.80 | 14.20 | 36.80 | 14.38 | 36.10 | 14.65 |
|        | -18.8             | -19      | 37.90                     | 13.84 | 37.90 | 13.97 | 37.70 | 14.10 | 37.70 | 14.28 | 37.70 | 14.45 | 36.90 | 14.73 |
|        | -16.7             | -17      | 39.80                     | 14.00 | 39.80 | 14.14 | 39.50 | 14.26 | 39.50 | 14.44 | 39.50 | 14.61 | 38.70 | 14.89 |
|        | -15               | -15.9    | 41.00                     | 14.12 | 41.00 | 14.25 | 40.80 | 14.37 | 40.80 | 14.55 | 40.80 | 14.72 | 40.00 | 14.59 |
|        | -13.7             | -15      | 42.30                     | 14.23 | 42.30 | 14.37 | 42.10 | 14.49 | 42.10 | 14.67 | 42.10 | 14.84 | 41.30 | 14.29 |
|        | -11.8             | -13      | 43.70                     | 14.38 | 43.70 | 14.51 | 43.50 | 14.63 | 43.50 | 14.81 | 43.50 | 14.45 | 42.80 | 13.92 |
|        | -9.8              | -11      | 45.20                     | 14.53 | 45.20 | 14.66 | 44.80 | 14.78 | 44.80 | 14.40 | 44.80 | 14.03 | 44.50 | 13.53 |
|        | -9.5              | -10      | 45.50                     | 14.55 | 45.50 | 14.68 | 45.20 | 14.72 | 45.20 | 14.33 | 45.20 | 13.97 | 44.80 | 13.47 |
|        | -8.5              | -9.1     | 46.30                     | 14.63 | 46.30 | 14.76 | 46.00 | 14.51 | 46.00 | 14.12 | 45.80 | 13.76 | 45.70 | 13.27 |
|        | -7                | -7.6     | 47.60                     | 14.74 | 47.60 | 14.46 | 47.30 | 14.18 | 47.30 | 13.80 | 47.30 | 13.45 | 46.90 | 12.98 |
|        | -5                | -5.6     | 49.40                     | 14.37 | 49.40 | 14.06 | 49.10 | 13.79 | 49.10 | 13.42 | 49.10 | 13.07 | 48.60 | 12.62 |
|        | -3                | -3.7     | 51.10                     | 14.00 | 51.10 | 13.68 | 50.70 | 13.40 | 50.70 | 13.03 | 50.70 | 12.69 | 49.80 | 12.13 |
|        | 0                 | -0.7     | 53.70                     | 13.45 | 53.70 | 13.11 | 53.40 | 12.81 | 53.40 | 12.45 | 53.40 | 12.11 | 49.80 | 11.10 |
|        | 3                 | 2.2      | 56.30                     | 12.90 | 56.30 | 12.54 | 55.90 | 12.22 | 55.40 | 11.75 | 53.50 | 11.03 | 49.80 | 10.58 |
|        | 5                 | 4.1      | 54.00                     | 11.19 | 53.70 | 10.80 | 53.30 | 10.48 | 51.90 | 9.90  | 50.00 | 9.47  | 46.20 | 9.12  |
|        | 7                 | 6        | 50.80                     | 9.49  | 50.40 | 9.11  | 49.70 | 8.79  | 48.20 | 8.41  | 46.30 | 8.12  | 42.50 | 7.77  |
|        | 9                 | 7.9      | 47.60                     | 8.25  | 46.90 | 7.88  | 46.00 | 7.54  | 44.50 | 7.26  | 42.50 | 6.98  | 38.70 | 6.63  |
|        | 11                | 9.8      | 44.20                     | 7.21  | 43.30 | 6.85  | 42.20 | 6.51  | 40.60 | 6.25  | 38.60 | 5.99  | 34.80 | 5.64  |
|        | 13                | 11.8     | 40.80                     | 6.24  | 39.60 | 5.89  | 38.20 | 5.56  | 36.60 | 5.32  | 34.60 | 5.08  | 30.70 | 4.75  |
|        | 15                | 13.7     | 37.20                     | 5.33  | 35.80 | 5.00  | 34.10 | 4.70  | 32.40 | 4.47  | 30.40 | 4.26  | 26.50 | 3.95  |
| 120    | -30               | -30.2    | 17.20                     | 13.10 | 17.20 | 13.23 | 17.10 | 13.41 | 17.10 | 13.59 | 17.10 | 13.87 | 16.70 | 14.06 |
|        | -24.8             | -25      | 28.60                     | 13.51 | 28.60 | 13.63 | 28.50 | 13.82 | 28.50 | 13.99 | 28.50 | 14.27 | 27.90 | 14.46 |
|        | -21.8             | -22      | 34.80                     | 13.74 | 34.80 | 13.87 | 34.60 | 14.05 | 34.60 | 14.22 | 34.60 | 14.50 | 34.00 | 14.69 |
|        | -19.8             | -20      | 36.70                     | 13.90 | 36.70 | 14.02 | 36.50 | 14.20 | 36.50 | 14.38 | 36.50 | 14.65 | 35.80 | 14.84 |
|        | -18.8             | -19      | 37.70                     | 13.97 | 37.70 | 14.10 | 37.30 | 14.28 | 37.30 | 14.45 | 37.30 | 14.73 | 36.60 | 14.92 |
|        | -16.7             | -17      | 39.50                     | 14.14 | 39.50 | 14.26 | 39.20 | 14.44 | 39.20 | 14.61 | 39.20 | 14.89 | 38.40 | 14.53 |
|        | -15               | -15.9    | 40.70                     | 14.25 | 40.70 | 14.37 | 40.50 | 14.55 | 40.50 | 14.72 | 40.50 | 14.60 | 39.70 | 14.25 |
|        | -13.7             | -15      | 42.00                     | 14.37 | 42.00 | 14.49 | 41.80 | 14.67 | 41.80 | 14.84 | 41.80 | 14.31 | 40.90 | 13.98 |
|        | -11.8             | -13      | 43.40                     | 14.51 | 43.40 | 14.63 | 43.20 | 14.81 | 43.20 | 14.44 | 43.20 | 13.95 | 42.50 | 13.64 |
|        | -9.8              | -11      | 44.80                     | 14.66 | 44.80 | 14.78 | 44.50 | 14.38 | 44.50 | 14.02 | 44.50 | 13.58 | 44.20 | 13.28 |
|        | -9.5              | -10      | 45.20                     | 14.68 | 45.20 | 14.72 | 44.80 | 14.31 | 44.80 | 13.96 | 44.80 | 13.53 | 44.50 | 13.22 |
|        | -8.5              | -9.1     | 46.00                     | 14.76 | 46.00 | 14.49 | 45.70 | 14.10 | 45.70 | 13.75 | 45.70 | 13.33 | 45.40 | 13.04 |
|        | -7                | -7.6     | 47.30                     | 14.43 | 47.30 | 14.14 | 46.90 | 13.77 | 46.90 | 13.44 | 46.90 | 13.06 | 46.60 | 12.77 |
|        | -5                | -5.6     | 49.00                     | 14.00 | 49.00 | 13.71 | 48.60 | 13.36 | 48.60 | 13.05 | 48.60 | 12.71 | 46.80 | 12.05 |
|        | -3                | -3.7     | 50.70                     | 13.58 | 50.70 | 13.29 | 50.40 | 12.96 | 50.40 | 12.67 | 50.30 | 12.32 | 46.80 | 11.47 |
|        | 0                 | -0.7     | 53.30                     | 12.95 | 53.30 | 12.65 | 53.00 | 12.36 | 52.00 | 11.87 | 50.30 | 11.25 | 46.80 | 11.00 |
|        | 3                 | 2.2      | 55.90                     | 12.31 | 55.90 | 12.00 | 53.70 | 11.36 | 52.00 | 10.90 | 50.30 | 10.73 | 46.80 | 10.52 |
|        | 5                 | 4.1      | 53.50                     | 10.61 | 52.70 | 10.19 | 50.40 | 9.70  | 48.70 | 9.47  | 47.00 | 9.33  | 43.40 | 9.11  |
|        | 7                 | 6        | 50.40                     | 8.96  | 49.40 | 8.63  | 47.00 | 8.38  | 45.30 | 8.17  | 43.50 | 8.05  | 40.00 | 7.81  |
|        | 9                 | 7.9      | 47.20                     | 7.80  | 46.00 | 7.49  | 43.50 | 7.24  | 41.80 | 7.04  | 40.00 | 6.92  | 36.40 | 6.66  |
|        | 11                | 9.8      | 43.80                     | 6.81  | 42.50 | 6.51  | 39.90 | 6.25  | 38.10 | 6.06  | 36.30 | 5.94  | 32.70 | 5.68  |
|        | 13                | 11.8     | 40.40                     | 5.89  | 38.90 | 5.60  | 36.10 | 5.35  | 34.30 | 5.17  | 32.50 | 5.04  | 28.80 | 4.79  |
|        | 15                | 13.7     | 36.80                     | 5.04  | 35.10 | 4.76  | 32.30 | 4.53  | 30.40 | 4.36  | 28.60 | 4.24  | 24.90 | 3.99  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 17.10                     | 13.23 | 17.10 | 13.41 | 17.00 | 13.59 | 17.00 | 13.87 | 17.00 | 14.06 | 16.60 | 14.15 |
|        | -24.8             | -25      | 28.50                     | 13.63 | 28.50 | 13.82 | 28.30 | 13.99 | 28.30 | 14.27 | 28.30 | 14.46 | 27.70 | 14.55 |
|        | -21.8             | -22      | 34.60                     | 13.87 | 34.60 | 14.05 | 34.40 | 14.22 | 34.40 | 14.50 | 34.40 | 14.69 | 33.80 | 14.78 |
|        | -19.8             | -20      | 36.60                     | 14.02 | 36.60 | 14.20 | 36.30 | 14.38 | 36.30 | 14.65 | 36.30 | 14.84 | 35.70 | 14.94 |
|        | -18.8             | -19      | 37.50                     | 14.10 | 37.50 | 14.28 | 37.10 | 14.45 | 37.10 | 14.73 | 37.10 | 14.92 | 36.50 | 14.74 |
|        | -16.7             | -17      | 39.20                     | 14.26 | 39.20 | 14.44 | 39.00 | 14.61 | 39.00 | 14.89 | 39.00 | 14.50 | 38.20 | 14.31 |
|        | -15               | -15.9    | 40.50                     | 14.37 | 40.50 | 14.55 | 40.30 | 14.72 | 40.30 | 14.57 | 40.30 | 14.20 | 39.90 | 14.00 |
|        | -13.7             | -15      | 41.80                     | 14.49 | 41.80 | 14.67 | 41.60 | 14.84 | 41.60 | 14.26 | 41.60 | 13.91 | 41.60 | 13.70 |
|        | -11.8             | -13      | 43.20                     | 14.63 | 43.20 | 14.81 | 42.90 | 14.41 | 42.90 | 13.87 | 42.90 | 13.54 | 42.10 | 13.06 |
|        | -9.8              | -11      | 44.60                     | 14.78 | 44.60 | 14.33 | 44.30 | 13.94 | 44.30 | 13.45 | 44.30 | 13.15 | 42.10 | 12.27 |
|        | -9.5              | -10      | 44.80                     | 14.71 | 44.80 | 14.25 | 44.60 | 13.88 | 44.60 | 13.40 | 44.60 | 13.08 | 42.10 | 12.18 |
|        | -8.5              | -9.1     | 45.70                     | 14.44 | 45.70 | 14.01 | 45.50 | 13.65 | 45.50 | 13.19 | 45.10 | 12.78 | 42.10 | 12.00 |
|        | -7                | -7.6     | 47.10                     | 14.04 | 47.10 | 13.64 | 46.70 | 13.31 | 46.60 | 12.84 | 45.10 | 12.16 | 42.10 | 11.71 |
|        | -5                | -5.6     | 48.70                     | 13.55 | 48.70 | 13.18 | 48.20 | 12.82 | 46.60 | 12.03 | 45.10 | 11.60 | 42.10 | 11.36 |
|        | -3                | -3.7     | 50.40                     | 13.06 | 50.40 | 12.73 | 48.20 | 11.98 | 46.60 | 11.48 | 45.10 | 11.25 | 42.10 | 11.01 |
|        | 0                 | -0.7     | 53.10                     | 12.33 | 51.40 | 11.66 | 48.20 | 11.20 | 46.60 | 10.93 | 45.10 | 10.74 | 42.10 | 10.48 |
|        | 3                 | 2.2      | 54.40                     | 11.33 | 51.40 | 10.76 | 48.20 | 10.59 | 46.60 | 10.39 | 45.10 | 10.23 | 42.10 | 9.95  |
|        | 5                 | 4.1      | 51.50                     | 9.59  | 48.50 | 9.37  | 45.20 | 9.21  | 43.60 | 9.04  | 42.10 | 8.88  | 39.10 | 8.58  |
|        | 7                 | 6        | 48.50                     | 8.29  | 45.40 | 8.09  | 42.20 | 7.93  | 40.60 | 7.79  | 39.00 | 7.66  | 35.90 | 7.34  |
|        | 9                 | 7.9      | 45.40                     | 7.21  | 42.30 | 7.02  | 39.10 | 6.84  | 37.40 | 6.71  | 35.90 | 6.57  | 32.70 | 6.25  |
|        | 11                | 9.8      | 42.20                     | 6.29  | 39.10 | 6.09  | 35.80 | 5.91  | 34.20 | 5.77  | 32.60 | 5.64  | 29.40 | 5.32  |
|        | 13                | 11.8     | 38.90                     | 5.43  | 35.70 | 5.23  | 32.40 | 5.05  | 30.80 | 4.91  | 29.20 | 4.78  | 25.90 | 4.49  |
|        | 15                | 13.7     | 35.50                     | 4.63  | 32.30 | 4.45  | 28.90 | 4.26  | 27.30 | 4.14  | 25.60 | 4.02  | 22.40 | 3.75  |
| 100    | -30               | -30.2    | 17.00                     | 15.10 | 17.00 | 15.10 | 16.90 | 13.51 | 16.90 | 15.10 | 16.90 | 14.76 | 16.60 | 15.10 |
|        | -24.8             | -25      | 28.40                     | 15.01 | 28.40 | 15.01 | 28.20 | 14.20 | 28.20 | 15.01 | 28.20 | 15.01 | 27.60 | 15.01 |
|        | -21.8             | -22      | 34.50                     | 14.97 | 34.50 | 14.97 | 34.30 | 14.59 | 34.30 | 14.97 | 34.30 | 15.16 | 33.70 | 14.97 |
|        | -19.8             | -20      | 36.40                     | 14.94 | 36.40 | 14.94 | 36.20 | 14.84 | 36.20 | 14.94 | 36.20 | 15.00 | 35.40 | 14.94 |
|        | -18.8             | -19      | 37.20                     | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 37.00 | 14.92 | 36.30 | 14.69 |
|        | -16.7             | -17      | 38.80                     | 14.89 | 38.80 | 14.89 | 38.80 | 15.08 | 38.60 | 14.89 | 38.60 | 14.41 | 37.90 | 14.17 |
|        | -15               | -15.9    | 40.20                     | 14.86 | 40.20 | 14.86 | 40.10 | 14.96 | 40.00 | 14.52 | 40.00 | 14.05 | 38.50 | 13.53 |
|        | -13.7             | -15      | 41.60                     | 14.84 | 41.60 | 14.84 | 41.40 | 14.84 | 41.40 | 14.15 | 41.30 | 13.67 | 38.50 | 12.73 |
|        | -11.8             | -13      | 42.90                     | 14.81 | 42.70 | 14.81 | 42.70 | 14.36 | 42.70 | 13.68 | 41.30 | 12.78 | 38.50 | 12.30 |
|        | -9.8              | -11      | 44.40                     | 14.78 | 44.40 | 14.27 | 44.10 | 13.84 | 42.70 | 12.79 | 41.30 | 12.09 | 38.50 | 11.83 |
|        | -9.5              | -10      | 44.60                     | 14.69 | 44.60 | 14.19 | 44.10 | 13.67 | 42.70 | 12.63 | 41.30 | 12.02 | 38.50 | 11.76 |
|        | -8.5              | -9.1     | 45.50                     | 14.42 | 45.50 | 13.91 | 44.10 | 13.17 | 42.70 | 12.22 | 41.30 | 11.80 | 38.50 | 11.53 |
|        | -7                | -7.6     | 47.60                     | 13.99 | 46.90 | 13.38 | 44.10 | 12.45 | 42.70 | 11.87 | 41.30 | 11.45 | 38.50 | 11.19 |
|        | -5                | -5.6     | 49.60                     | 13.46 | 46.90 | 12.40 | 44.10 | 11.99 | 42.70 | 11.45 | 41.30 | 11.03 | 38.50 | 10.75 |
|        | -3                | -3.7     | 49.70                     | 12.58 | 46.90 | 11.84 | 44.10 | 11.53 | 42.70 | 11.02 | 41.30 | 10.61 | 38.50 | 10.32 |
|        | 0                 | -0.7     | 49.70                     | 11.49 | 46.90 | 11.11 | 44.10 | 10.85 | 42.70 | 10.37 | 41.30 | 9.96  | 38.50 | 9.66  |
|        | 3                 | 2.2      | 49.70                     | 10.73 | 46.90 | 10.39 | 44.10 | 10.17 | 42.70 | 9.72  | 41.30 | 9.32  | 38.50 | 9.02  |
|        | 5                 | 4.1      | 47.00                     | 9.33  | 44.20 | 9.00  | 41.40 | 8.79  | 40.00 | 8.38  | 38.60 | 8.01  | 35.70 | 7.69  |
|        | 7                 | 6        | 44.30                     | 8.05  | 41.50 | 7.74  | 38.60 | 7.54  | 37.20 | 7.18  | 35.70 | 6.83  | 32.90 | 6.50  |
|        | 9                 | 7.9      | 41.50                     | 6.98  | 38.60 | 6.68  | 35.70 | 6.48  | 34.30 | 6.15  | 32.80 | 5.84  | 29.90 | 5.53  |
|        | 11                | 9.8      | 38.60                     | 6.06  | 35.70 | 5.77  | 32.80 | 5.57  | 31.30 | 5.28  | 29.80 | 4.99  | 26.90 | 4.69  |
|        | 13                | 11.8     | 35.50                     | 5.20  | 32.60 | 4.93  | 29.70 | 4.74  | 28.20 | 4.48  | 26.70 | 4.23  | 23.70 | 3.95  |
|        | 15                | 13.7     | 32.40                     | 4.42  | 29.50 | 4.18  | 26.50 | 3.99  | 25.00 | 3.77  | 23.50 | 3.54  | 20.40 | 3.29  |
| 90     | -30               | -30.2    | 17.00                     | 13.02 | 17.00 | 13.29 | 16.80 | 13.49 | 16.80 | 13.58 | 16.80 | 13.77 | 16.50 | 15.60 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 28.30                     | 13.42 | 28.30 | 13.70 | 28.10 | 13.90 | 28.10 | 13.99 | 28.10 | 14.17 | 27.50 | 14.45 |
|        | -21.8             | -22      | 34.40                     | 13.66 | 34.40 | 13.93 | 34.20 | 14.13 | 34.20 | 14.22 | 34.20 | 14.40 | 33.40 | 13.79 |
|        | -19.8             | -20      | 36.30                     | 13.81 | 36.30 | 14.09 | 36.10 | 14.28 | 36.10 | 14.37 | 36.10 | 13.95 | 35.10 | 13.27 |
|        | -18.8             | -19      | 37.20                     | 13.89 | 37.00 | 14.16 | 36.90 | 14.36 | 36.90 | 14.14 | 36.90 | 13.74 | 35.10 | 12.75 |
|        | -16.7             | -17      | 38.80                     | 14.05 | 38.80 | 14.33 | 38.60 | 13.89 | 38.60 | 13.67 | 37.80 | 13.00 | 35.10 | 12.03 |
|        | -15               | -15.9    | 40.20                     | 14.16 | 40.20 | 13.98 | 39.90 | 13.55 | 39.10 | 13.05 | 37.80 | 12.47 | 35.10 | 11.72 |
|        | -13.7             | -15      | 41.60                     | 14.28 | 41.60 | 13.63 | 40.40 | 12.94 | 39.10 | 12.32 | 37.80 | 11.96 | 35.10 | 11.42 |
|        | -11.8             | -13      | 42.90                     | 13.81 | 42.70 | 13.20 | 40.40 | 12.17 | 39.10 | 11.91 | 37.80 | 11.56 | 35.10 | 11.04 |
|        | -9.8              | -11      | 44.40                     | 13.31 | 42.90 | 12.30 | 40.40 | 11.72 | 39.10 | 11.49 | 37.80 | 11.16 | 35.10 | 10.63 |
|        | -9.5              | -10      | 44.60                     | 13.24 | 42.90 | 12.18 | 40.40 | 11.65 | 39.10 | 11.42 | 37.80 | 11.10 | 35.10 | 10.57 |
|        | -8.5              | -9.1     | 45.50                     | 13.00 | 42.90 | 11.82 | 40.40 | 11.45 | 39.10 | 11.21 | 37.80 | 10.88 | 35.10 | 10.38 |
|        | -7                | -7.6     | 45.60                     | 12.11 | 42.90 | 11.48 | 40.40 | 11.13 | 39.10 | 10.89 | 37.80 | 10.58 | 35.10 | 10.07 |
|        | -5                | -5.6     | 45.60                     | 11.53 | 42.90 | 11.07 | 40.40 | 10.74 | 39.10 | 10.49 | 37.80 | 10.19 | 35.10 | 9.69  |
|        | -3                | -3.7     | 45.60                     | 11.10 | 42.90 | 10.66 | 40.40 | 10.35 | 39.10 | 10.10 | 37.80 | 9.81  | 35.10 | 9.31  |
|        | 0                 | -0.7     | 45.60                     | 10.44 | 42.90 | 10.06 | 40.40 | 9.77  | 39.10 | 9.50  | 37.80 | 9.23  | 35.10 | 8.75  |
|        | 3                 | 2.2      | 45.60                     | 9.78  | 42.90 | 9.44  | 40.40 | 9.18  | 39.10 | 8.91  | 37.80 | 8.64  | 35.10 | 8.18  |
|        | 5                 | 4.1      | 43.20                     | 8.54  | 40.50 | 8.23  | 37.90 | 7.98  | 36.60 | 7.71  | 35.30 | 7.46  | 32.60 | 7.01  |
|        | 7                 | 6        | 40.70                     | 7.40  | 37.90 | 7.12  | 35.40 | 6.88  | 34.00 | 6.61  | 32.70 | 6.38  | 30.00 | 5.96  |
|        | 9                 | 7.9      | 38.10                     | 6.38  | 35.30 | 6.11  | 32.70 | 5.88  | 31.40 | 5.65  | 30.10 | 5.44  | 27.30 | 5.05  |
|        | 11                | 9.8      | 35.40                     | 5.45  | 32.60 | 5.21  | 30.00 | 4.98  | 28.70 | 4.78  | 27.30 | 4.59  | 24.50 | 4.23  |
|        | 13                | 11.8     | 32.60                     | 4.63  | 29.80 | 4.40  | 27.20 | 4.19  | 25.80 | 4.00  | 24.40 | 3.84  | 21.60 | 3.52  |
|        | 15                | 13.7     | 29.70                     | 3.89  | 26.90 | 3.69  | 24.30 | 3.50  | 22.90 | 3.34  | 21.50 | 3.19  | 18.60 | 2.92  |
| 80     | -30               | -30.2    | 16.90                     | 11.39 | 16.90 | 11.67 | 16.80 | 11.86 | 16.80 | 11.63 | 16.80 | 13.84 | 16.50 | 13.26 |
|        | -24.8             | -25      | 28.20                     | 11.81 | 28.20 | 12.08 | 28.00 | 12.28 | 28.00 | 12.37 | 28.00 | 12.83 | 27.40 | 12.30 |
|        | -21.8             | -22      | 34.00                     | 12.05 | 34.00 | 12.32 | 34.00 | 12.52 | 34.00 | 12.79 | 33.70 | 12.16 | 31.40 | 11.14 |
|        | -19.8             | -20      | 35.90                     | 12.20 | 35.90 | 12.48 | 35.90 | 12.77 | 35.00 | 12.09 | 33.70 | 11.26 | 31.40 | 10.78 |
|        | -18.8             | -19      | 36.70                     | 12.28 | 36.70 | 12.75 | 36.10 | 12.36 | 35.00 | 11.62 | 33.70 | 11.08 | 31.40 | 10.61 |
|        | -16.7             | -17      | 38.10                     | 12.72 | 38.10 | 12.34 | 36.10 | 11.51 | 35.00 | 11.15 | 33.70 | 10.70 | 31.40 | 10.24 |
|        | -15               | -15.9    | 38.90                     | 12.41 | 38.40 | 11.98 | 36.10 | 11.22 | 35.00 | 10.87 | 33.70 | 10.43 | 31.40 | 9.99  |
|        | -13.7             | -15      | 39.80                     | 12.10 | 38.40 | 11.54 | 36.10 | 10.93 | 35.00 | 10.59 | 33.70 | 10.16 | 31.40 | 9.73  |
|        | -11.8             | -13      | 40.80                     | 11.70 | 38.40 | 11.02 | 36.10 | 10.57 | 35.00 | 10.23 | 33.70 | 9.82  | 31.40 | 9.40  |
|        | -9.8              | -11      | 40.80                     | 11.00 | 38.40 | 10.46 | 36.10 | 10.19 | 35.00 | 9.85  | 33.70 | 9.47  | 31.40 | 9.06  |
|        | -9.5              | -10      | 40.80                     | 10.86 | 38.40 | 10.35 | 36.10 | 10.13 | 35.00 | 9.79  | 33.70 | 9.41  | 31.40 | 9.01  |
|        | -8.5              | -9.1     | 40.80                     | 10.56 | 38.40 | 10.14 | 36.10 | 9.94  | 35.00 | 9.61  | 33.70 | 9.24  | 31.40 | 8.84  |
|        | -7                | -7.6     | 40.80                     | 10.16 | 38.40 | 9.85  | 36.10 | 9.65  | 35.00 | 9.33  | 33.70 | 8.98  | 31.40 | 8.58  |
|        | -5                | -5.6     | 40.80                     | 9.80  | 38.40 | 9.50  | 36.10 | 9.30  | 35.00 | 8.98  | 33.70 | 8.64  | 31.40 | 8.26  |
|        | -3                | -3.7     | 40.80                     | 9.43  | 38.40 | 9.15  | 36.10 | 8.95  | 35.00 | 8.62  | 33.70 | 8.31  | 31.40 | 7.94  |
|        | 0                 | -0.7     | 40.80                     | 8.88  | 38.40 | 8.61  | 36.10 | 8.41  | 35.00 | 8.10  | 33.70 | 7.80  | 31.40 | 7.46  |
|        | 3                 | 2.2      | 40.80                     | 8.33  | 38.40 | 8.09  | 36.10 | 7.88  | 35.00 | 7.57  | 33.70 | 7.30  | 31.40 | 6.98  |
|        | 5                 | 4.1      | 38.60                     | 7.29  | 36.20 | 7.06  | 33.90 | 6.83  | 32.80 | 6.56  | 31.50 | 6.32  | 29.10 | 6.01  |
|        | 7                 | 6        | 36.40                     | 6.35  | 33.90 | 6.12  | 31.60 | 5.90  | 30.50 | 5.63  | 29.20 | 5.42  | 26.80 | 5.13  |
|        | 9                 | 7.9      | 34.10                     | 5.40  | 31.60 | 5.20  | 29.20 | 4.99  | 28.10 | 4.75  | 26.80 | 4.56  | 24.40 | 4.30  |
|        | 11                | 9.8      | 31.70                     | 4.53  | 29.20 | 4.34  | 26.80 | 4.15  | 25.70 | 3.94  | 24.30 | 3.78  | 21.90 | 3.54  |
|        | 13                | 11.8     | 29.20                     | 3.80  | 26.70 | 3.63  | 24.30 | 3.45  | 23.10 | 3.28  | 21.80 | 3.14  | 19.30 | 2.92  |
|        | 15                | 13.7     | 26.60                     | 3.20  | 24.10 | 3.05  | 21.70 | 2.90  | 20.50 | 2.74  | 19.20 | 2.62  | 16.70 | 2.44  |
| 70     | -30               | -30.2    | 16.90                     | 11.59 | 16.90 | 11.68 | 16.80 | 11.87 | 16.80 | 13.65 | 16.80 | 13.01 | 16.50 | 12.41 |
|        | -24.8             | -25      | 28.20                     | 12.00 | 28.20 | 12.10 | 28.00 | 12.28 | 28.00 | 12.56 | 28.00 | 11.97 | 26.90 | 11.20 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 32.60                     | 12.24 | 32.60 | 12.34 | 30.70 | 11.87 | 29.70 | 11.31 | 28.80 | 10.79 | 26.90 | 10.28 |
|        | -19.8             | -20      | 34.60                     | 12.03 | 32.70 | 11.84 | 30.70 | 11.45 | 29.70 | 10.92 | 28.80 | 10.42 | 26.90 | 9.93  |
|        | -18.8             | -19      | 34.60                     | 11.83 | 32.70 | 11.63 | 30.70 | 11.25 | 29.70 | 10.72 | 28.80 | 10.24 | 26.90 | 9.74  |
|        | -16.7             | -17      | 34.60                     | 11.39 | 32.70 | 11.18 | 30.70 | 10.82 | 29.70 | 10.31 | 28.80 | 9.85  | 26.90 | 9.37  |
|        | -15               | -15.9    | 34.60                     | 11.07 | 32.70 | 10.86 | 30.70 | 10.51 | 29.70 | 10.01 | 28.80 | 9.58  | 26.90 | 9.11  |
|        | -13.7             | -15      | 34.60                     | 10.76 | 32.70 | 10.55 | 30.70 | 10.20 | 29.70 | 9.72  | 28.80 | 9.31  | 26.90 | 8.84  |
|        | -11.8             | -13      | 34.60                     | 10.37 | 32.70 | 10.14 | 30.70 | 9.81  | 29.70 | 9.36  | 28.80 | 8.96  | 26.90 | 8.51  |
|        | -9.8              | -11      | 34.60                     | 9.95  | 32.70 | 9.73  | 30.70 | 9.40  | 29.70 | 8.97  | 28.80 | 8.60  | 26.90 | 8.16  |
|        | -9.5              | -10      | 34.60                     | 9.89  | 32.70 | 9.67  | 30.70 | 9.34  | 29.70 | 8.91  | 28.80 | 8.54  | 26.90 | 8.11  |
|        | -8.5              | -9.1     | 34.60                     | 9.68  | 32.70 | 9.46  | 30.70 | 9.14  | 29.70 | 8.72  | 28.80 | 8.36  | 26.90 | 7.93  |
|        | -7                | -7.6     | 34.60                     | 9.38  | 32.70 | 9.15  | 30.70 | 8.84  | 29.70 | 8.43  | 28.80 | 8.09  | 26.90 | 7.67  |
|        | -5                | -5.6     | 34.60                     | 8.98  | 32.70 | 8.74  | 30.70 | 8.46  | 29.70 | 8.06  | 28.80 | 7.75  | 26.90 | 7.35  |
|        | -3                | -3.7     | 34.60                     | 8.59  | 32.70 | 8.35  | 30.70 | 8.07  | 29.70 | 7.70  | 28.80 | 7.40  | 26.90 | 7.01  |
|        | 0                 | -0.7     | 34.60                     | 8.00  | 32.70 | 7.76  | 30.70 | 7.50  | 29.70 | 7.15  | 28.80 | 6.90  | 26.90 | 6.51  |
|        | 3                 | 2.2      | 34.60                     | 7.41  | 32.70 | 7.15  | 30.70 | 6.91  | 29.70 | 6.60  | 28.80 | 6.38  | 26.90 | 6.01  |
|        | 5                 | 4.1      | 32.80                     | 6.45  | 30.80 | 6.19  | 28.80 | 5.96  | 27.80 | 5.68  | 26.90 | 5.48  | 25.00 | 5.15  |
|        | 7                 | 6        | 30.80                     | 5.57  | 28.90 | 5.31  | 26.90 | 5.10  | 25.90 | 4.85  | 24.90 | 4.69  | 23.00 | 4.37  |
|        | 9                 | 7.9      | 28.90                     | 4.59  | 26.90 | 4.36  | 24.90 | 4.17  | 23.80 | 3.97  | 22.90 | 3.82  | 20.90 | 3.55  |
|        | 11                | 9.8      | 26.80                     | 3.87  | 24.90 | 3.67  | 22.80 | 3.50  | 21.80 | 3.32  | 20.80 | 3.20  | 18.80 | 2.95  |
|        | 13                | 11.8     | 24.70                     | 3.28  | 22.70 | 3.10  | 20.70 | 2.95  | 19.60 | 2.79  | 18.60 | 2.68  | 16.60 | 2.47  |
|        | 15                | 13.7     | 22.60                     | 2.78  | 20.50 | 2.63  | 18.40 | 2.49  | 17.40 | 2.36  | 16.40 | 2.26  | 14.30 | 2.08  |
| 60     | -30               | -30.2    | 16.80                     | 11.42 | 16.80 | 11.61 | 16.60 | 13.47 | 16.10 | 12.77 | 15.60 | 12.12 | 14.60 | 11.53 |
|        | -24.8             | -25      | 28.00                     | 11.84 | 28.00 | 12.03 | 26.30 | 11.66 | 25.50 | 11.07 | 24.60 | 10.51 | 23.00 | 9.98  |
|        | -21.8             | -22      | 29.70                     | 11.98 | 28.10 | 11.63 | 26.30 | 11.03 | 25.50 | 10.48 | 24.60 | 9.95  | 23.00 | 9.44  |
|        | -19.8             | -20      | 29.70                     | 11.60 | 28.10 | 11.18 | 26.30 | 10.62 | 25.50 | 10.09 | 24.60 | 9.59  | 23.00 | 9.09  |
|        | -18.8             | -19      | 29.70                     | 11.39 | 28.10 | 10.97 | 26.30 | 10.40 | 25.50 | 9.89  | 24.60 | 9.40  | 23.00 | 8.91  |
|        | -16.7             | -17      | 29.70                     | 10.91 | 28.10 | 10.51 | 26.30 | 9.97  | 25.50 | 9.48  | 24.60 | 9.01  | 23.00 | 8.54  |
|        | -15               | -15.9    | 29.70                     | 10.58 | 28.10 | 10.17 | 26.30 | 9.66  | 25.50 | 9.19  | 24.60 | 8.74  | 23.00 | 8.27  |
|        | -13.7             | -15      | 29.70                     | 10.25 | 28.10 | 9.85  | 26.30 | 9.35  | 25.50 | 8.90  | 24.60 | 8.46  | 23.00 | 8.01  |
|        | -11.8             | -13      | 29.70                     | 9.84  | 28.10 | 9.44  | 26.30 | 8.97  | 25.50 | 8.53  | 24.60 | 8.12  | 23.00 | 7.68  |
|        | -9.8              | -11      | 29.70                     | 9.40  | 28.10 | 9.01  | 26.30 | 8.55  | 25.50 | 8.15  | 24.60 | 7.76  | 23.00 | 7.32  |
|        | -9.5              | -10      | 29.70                     | 9.34  | 28.10 | 8.94  | 26.30 | 8.49  | 25.50 | 8.09  | 24.60 | 7.71  | 23.00 | 7.27  |
|        | -8.5              | -9.1     | 29.70                     | 9.12  | 28.10 | 8.73  | 26.30 | 8.29  | 25.50 | 7.90  | 24.60 | 7.52  | 23.00 | 7.10  |
|        | -7                | -7.6     | 29.70                     | 8.80  | 28.10 | 8.41  | 26.30 | 7.98  | 25.50 | 7.61  | 24.60 | 7.25  | 23.00 | 6.84  |
|        | -5                | -5.6     | 29.70                     | 8.38  | 28.10 | 7.99  | 26.30 | 7.60  | 25.50 | 7.24  | 24.60 | 6.92  | 23.00 | 6.51  |
|        | -3                | -3.7     | 29.70                     | 7.96  | 28.10 | 7.58  | 26.30 | 7.21  | 25.50 | 6.88  | 24.60 | 6.57  | 23.00 | 6.17  |
|        | 0                 | -0.7     | 29.70                     | 7.34  | 28.10 | 6.96  | 26.30 | 6.62  | 25.50 | 6.33  | 24.60 | 6.05  | 23.00 | 5.67  |
|        | 3                 | 2.2      | 29.70                     | 6.72  | 28.10 | 6.34  | 26.30 | 6.04  | 25.50 | 5.79  | 24.60 | 5.54  | 23.00 | 5.17  |
|        | 5                 | 4.1      | 28.10                     | 5.81  | 26.50 | 5.45  | 24.70 | 5.18  | 23.90 | 4.96  | 23.00 | 4.74  | 21.30 | 4.41  |
|        | 7                 | 6        | 26.50                     | 4.99  | 24.80 | 4.65  | 23.00 | 4.41  | 22.20 | 4.22  | 21.30 | 4.04  | 19.60 | 3.72  |
|        | 9                 | 7.9      | 24.80                     | 4.08  | 23.10 | 3.79  | 21.30 | 3.58  | 20.50 | 3.42  | 19.60 | 3.27  | 17.90 | 3.00  |
|        | 11                | 9.8      | 23.00                     | 3.48  | 21.40 | 3.23  | 19.50 | 3.04  | 18.70 | 2.90  | 17.80 | 2.77  | 16.10 | 2.54  |
|        | 13                | 11.8     | 21.20                     | 2.97  | 19.50 | 2.75  | 17.70 | 2.59  | 16.80 | 2.46  | 15.90 | 2.35  | 14.20 | 2.15  |
|        | 15                | 13.7     | 19.40                     | 2.55  | 17.70 | 2.36  | 15.80 | 2.21  | 14.90 | 2.11  | 14.00 | 2.01  | 12.20 | 1.83  |
| 50     | -30               | -30.2    | 15.70                     | 10.01 | 14.80 | 11.75 | 13.90 | 11.14 | 13.40 | 10.53 | 13.00 | 10.01 | 12.10 | 9.50  |
|        | -24.8             | -25      | 24.80                     | 9.89  | 23.40 | 10.16 | 21.90 | 9.63  | 21.20 | 9.13  | 20.50 | 8.67  | 19.10 | 8.23  |
|        | -21.8             | -22      | 24.80                     | 10.13 | 23.40 | 9.60  | 21.90 | 9.10  | 21.20 | 8.64  | 20.50 | 8.20  | 19.10 | 7.78  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |      |       |      |       |      |       |      |       |      |       |      |
|--------|-------------------|----------|---------------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|        |                   |          | 16.0                      |      | 18.0  |      | 20.0  |      | 21.0  |      | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 24.80                     | 9.74 | 23.40 | 9.23 | 21.90 | 8.76 | 21.20 | 8.31 | 20.50 | 7.89 | 19.10 | 7.48 |
|        | -18.8             | -19      | 24.80                     | 9.55 | 23.40 | 9.04 | 21.90 | 8.59 | 21.20 | 8.15 | 20.50 | 7.74 | 19.10 | 7.34 |
|        | -16.7             | -17      | 24.80                     | 9.14 | 23.40 | 8.65 | 21.90 | 8.22 | 21.20 | 7.80 | 20.50 | 7.42 | 19.10 | 7.03 |
|        | -15               | -15.9    | 24.80                     | 8.85 | 23.40 | 8.38 | 21.90 | 7.96 | 21.20 | 7.55 | 20.50 | 7.19 | 19.10 | 6.81 |
|        | -13.7             | -15      | 24.80                     | 8.57 | 23.40 | 8.10 | 21.90 | 7.71 | 21.20 | 7.31 | 20.50 | 6.96 | 19.10 | 6.59 |
|        | -11.8             | -13      | 24.80                     | 8.20 | 23.40 | 7.76 | 21.90 | 7.38 | 21.20 | 7.00 | 20.50 | 6.68 | 19.10 | 6.31 |
|        | -9.8              | -11      | 24.80                     | 7.82 | 23.40 | 7.40 | 21.90 | 7.04 | 21.20 | 6.68 | 20.50 | 6.37 | 19.10 | 6.03 |
|        | -9.5              | -10      | 24.80                     | 7.77 | 23.40 | 7.34 | 21.90 | 6.99 | 21.20 | 6.63 | 20.50 | 6.33 | 19.10 | 5.98 |
|        | -8.5              | -9.1     | 24.80                     | 7.58 | 23.40 | 7.15 | 21.90 | 6.82 | 21.20 | 6.47 | 20.50 | 6.18 | 19.10 | 5.83 |
|        | -7                | -7.6     | 24.80                     | 7.30 | 23.40 | 6.88 | 21.90 | 6.57 | 21.20 | 6.23 | 20.50 | 5.96 | 19.10 | 5.62 |
|        | -5                | -5.6     | 24.80                     | 6.93 | 23.40 | 6.54 | 21.90 | 6.24 | 21.20 | 5.92 | 20.50 | 5.67 | 19.10 | 5.35 |
|        | -3                | -3.7     | 24.80                     | 6.57 | 23.40 | 6.19 | 21.90 | 5.91 | 21.20 | 5.61 | 20.50 | 5.38 | 19.10 | 5.07 |
|        | 0                 | -0.7     | 24.80                     | 6.03 | 23.40 | 5.67 | 21.90 | 5.43 | 21.20 | 5.15 | 20.50 | 4.95 | 19.10 | 4.65 |
|        | 3                 | 2.2      | 24.80                     | 5.49 | 23.40 | 5.15 | 21.90 | 4.94 | 21.20 | 4.69 | 20.50 | 4.53 | 19.10 | 4.24 |
|        | 5                 | 4.1      | 23.50                     | 4.74 | 22.10 | 4.44 | 20.60 | 4.25 | 19.90 | 4.03 | 19.10 | 3.90 | 17.70 | 3.63 |
|        | 7                 | 6        | 22.10                     | 4.07 | 20.70 | 3.80 | 19.20 | 3.64 | 18.50 | 3.45 | 17.70 | 3.33 | 16.30 | 3.09 |
|        | 9                 | 7.9      | 20.70                     | 3.39 | 19.30 | 3.16 | 17.70 | 3.01 | 17.00 | 2.85 | 16.30 | 2.76 | 14.80 | 2.55 |
|        | 11                | 9.8      | 19.20                     | 2.92 | 17.80 | 2.71 | 16.30 | 2.58 | 15.50 | 2.45 | 14.80 | 2.36 | 13.30 | 2.17 |
|        | 13                | 11.8     | 17.70                     | 2.52 | 16.30 | 2.34 | 14.70 | 2.23 | 14.00 | 2.11 | 13.30 | 2.03 | 11.80 | 1.86 |
|        | 15                | 13.7     | 16.20                     | 2.20 | 14.70 | 2.04 | 13.20 | 1.93 | 12.40 | 1.83 | 11.70 | 1.76 | 10.10 | 1.62 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM160LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 19.20                     | 15.05 | 19.20 | 15.37 | 19.10 | 15.63 | 19.10 | 16.03 | 19.10 | 16.38 | 19.10 | 17.01 |
|        | -24.8             | -25      | 32.00                     | 16.01 | 32.00 | 16.32 | 31.80 | 16.58 | 31.80 | 16.98 | 31.80 | 17.35 | 31.80 | 17.95 |
|        | -21.8             | -22      | 39.20                     | 16.57 | 39.20 | 16.86 | 39.00 | 17.12 | 39.00 | 17.52 | 39.00 | 17.90 | 39.00 | 18.49 |
|        | -19.8             | -20      | 41.60                     | 16.92 | 41.60 | 17.22 | 41.40 | 17.48 | 41.40 | 17.87 | 41.40 | 18.25 | 41.40 | 18.84 |
|        | -18.8             | -19      | 42.70                     | 17.11 | 42.70 | 17.40 | 42.50 | 17.66 | 42.50 | 18.05 | 42.50 | 18.43 | 42.50 | 19.02 |
|        | -16.7             | -17      | 44.90                     | 17.48 | 44.90 | 17.78 | 44.70 | 18.04 | 44.70 | 18.42 | 44.70 | 18.80 | 44.70 | 19.39 |
|        | -15               | -15.9    | 46.60                     | 17.74 | 46.60 | 18.04 | 46.30 | 18.30 | 46.30 | 18.68 | 46.30 | 19.06 | 46.30 | 19.03 |
|        | -13.7             | -15      | 48.20                     | 18.01 | 48.20 | 18.31 | 47.80 | 18.57 | 47.80 | 18.95 | 47.80 | 19.33 | 47.80 | 18.68 |
|        | -11.8             | -13      | 49.80                     | 18.35 | 49.80 | 18.65 | 49.50 | 18.91 | 49.50 | 19.29 | 49.50 | 18.86 | 49.50 | 18.23 |
|        | -9.8              | -11      | 51.60                     | 18.71 | 51.60 | 18.99 | 51.30 | 19.25 | 51.30 | 18.80 | 51.30 | 18.37 | 51.30 | 17.76 |
|        | -9.5              | -10      | 52.20                     | 18.75 | 52.20 | 19.05 | 51.80 | 19.18 | 51.80 | 18.72 | 51.50 | 18.30 | 51.50 | 17.69 |
|        | -8.5              | -9.1     | 54.30                     | 18.94 | 54.30 | 19.22 | 54.00 | 18.94 | 54.00 | 18.48 | 52.40 | 18.04 | 52.40 | 17.45 |
|        | -7                | -7.6     | 57.50                     | 19.19 | 57.50 | 18.88 | 57.10 | 18.57 | 57.10 | 18.11 | 57.10 | 17.68 | 55.10 | 17.10 |
|        | -5                | -5.6     | 61.80                     | 18.80 | 61.80 | 18.44 | 61.30 | 18.11 | 61.30 | 17.67 | 61.10 | 17.17 | 56.90 | 16.58 |
|        | -3                | -3.7     | 65.10                     | 18.14 | 65.10 | 17.77 | 64.90 | 17.49 | 63.30 | 16.61 | 61.10 | 15.63 | 56.90 | 15.57 |
|        | 0                 | -0.7     | 65.10                     | 16.01 | 65.10 | 15.62 | 64.90 | 15.35 | 63.30 | 14.82 | 61.10 | 14.43 | 56.90 | 14.17 |
|        | 3                 | 2.2      | 65.10                     | 15.41 | 65.10 | 14.99 | 64.90 | 14.62 | 63.30 | 14.22 | 61.10 | 13.82 | 56.90 | 13.39 |
|        | 5                 | 4.1      | 61.60                     | 13.65 | 61.40 | 13.18 | 60.90 | 12.76 | 59.30 | 12.37 | 57.10 | 11.97 | 52.80 | 11.53 |
|        | 7                 | 6        | 58.00                     | 11.98 | 57.60 | 11.48 | 56.80 | 11.03 | 55.10 | 10.65 | 52.90 | 10.27 | 48.60 | 9.83  |
|        | 9                 | 7.9      | 54.30                     | 10.47 | 53.60 | 10.00 | 52.60 | 9.54  | 50.80 | 9.19  | 48.60 | 8.83  | 44.20 | 8.37  |
|        | 11                | 9.8      | 50.50                     | 9.16  | 49.50 | 8.68  | 48.20 | 8.24  | 46.40 | 7.89  | 44.10 | 7.56  | 39.70 | 7.11  |
|        | 13                | 11.8     | 46.60                     | 7.91  | 45.30 | 7.46  | 43.70 | 7.03  | 41.80 | 6.71  | 39.50 | 6.39  | 35.10 | 5.95  |
|        | 15                | 13.7     | 42.50                     | 6.75  | 40.90 | 6.32  | 39.00 | 5.91  | 37.00 | 5.61  | 34.70 | 5.32  | 30.20 | 4.90  |
| 120    | -30               | -30.2    | 19.10                     | 15.37 | 19.10 | 15.63 | 18.90 | 16.03 | 18.90 | 16.38 | 18.90 | 17.01 | 18.90 | 17.43 |
|        | -24.8             | -25      | 31.80                     | 16.32 | 31.80 | 16.58 | 31.60 | 16.98 | 31.60 | 17.35 | 31.60 | 17.95 | 31.60 | 18.36 |
|        | -21.8             | -22      | 39.00                     | 16.86 | 39.00 | 17.12 | 38.80 | 17.52 | 38.80 | 17.90 | 38.80 | 18.49 | 38.80 | 18.90 |
|        | -19.8             | -20      | 41.40                     | 17.22 | 41.40 | 17.48 | 41.00 | 17.87 | 41.00 | 18.25 | 41.00 | 18.84 | 41.00 | 19.26 |
|        | -18.8             | -19      | 42.40                     | 17.40 | 42.40 | 17.66 | 42.10 | 18.05 | 42.10 | 18.43 | 42.10 | 19.02 | 42.10 | 19.43 |
|        | -16.7             | -17      | 44.60                     | 17.78 | 44.60 | 18.04 | 44.40 | 18.42 | 44.40 | 18.80 | 44.40 | 19.39 | 44.40 | 18.97 |
|        | -15               | -15.9    | 46.20                     | 18.04 | 46.20 | 18.30 | 45.90 | 18.68 | 45.90 | 19.06 | 45.90 | 19.04 | 45.90 | 18.64 |
|        | -13.7             | -15      | 47.80                     | 18.31 | 47.80 | 18.57 | 47.50 | 18.95 | 47.50 | 19.33 | 47.50 | 18.71 | 47.50 | 18.31 |
|        | -11.8             | -13      | 49.50                     | 18.65 | 49.50 | 18.91 | 49.20 | 19.29 | 49.20 | 18.85 | 49.20 | 18.28 | 49.20 | 17.89 |
|        | -9.8              | -11      | 51.20                     | 18.99 | 51.20 | 19.25 | 50.80 | 18.78 | 50.80 | 18.36 | 50.80 | 17.83 | 50.80 | 17.46 |
|        | -9.5              | -10      | 51.80                     | 19.05 | 51.80 | 19.17 | 51.50 | 18.70 | 51.50 | 18.29 | 51.50 | 17.76 | 51.50 | 17.39 |
|        | -8.5              | -9.1     | 54.00                     | 19.22 | 54.00 | 18.91 | 53.60 | 18.45 | 53.60 | 18.03 | 53.10 | 17.54 | 53.10 | 17.17 |
|        | -7                | -7.6     | 57.10                     | 18.83 | 57.10 | 18.50 | 56.80 | 18.06 | 56.80 | 17.67 | 54.60 | 17.20 | 53.40 | 16.47 |
|        | -5                | -5.6     | 61.30                     | 18.36 | 61.30 | 18.01 | 60.90 | 17.59 | 59.40 | 16.79 | 57.50 | 15.86 | 53.40 | 15.48 |
|        | -3                | -3.7     | 64.60                     | 17.63 | 63.90 | 17.10 | 61.40 | 16.14 | 59.40 | 15.28 | 57.50 | 14.69 | 53.40 | 14.56 |
|        | 0                 | -0.7     | 64.60                     | 15.42 | 63.90 | 15.04 | 61.40 | 14.71 | 59.40 | 14.40 | 57.50 | 14.14 | 53.40 | 13.86 |
|        | 3                 | 2.2      | 64.60                     | 14.73 | 63.90 | 14.38 | 61.40 | 14.07 | 59.40 | 13.78 | 57.50 | 13.58 | 53.40 | 13.33 |
|        | 5                 | 4.1      | 61.20                     | 12.97 | 60.30 | 12.59 | 57.60 | 12.26 | 55.60 | 12.00 | 53.70 | 11.81 | 49.60 | 11.53 |
|        | 7                 | 6        | 57.60                     | 11.32 | 56.50 | 10.92 | 53.80 | 10.60 | 51.70 | 10.34 | 49.80 | 10.17 | 45.60 | 9.86  |
|        | 9                 | 7.9      | 53.90                     | 9.89  | 52.60 | 9.49  | 49.70 | 9.16  | 47.70 | 8.91  | 45.70 | 8.74  | 41.50 | 8.40  |
|        | 11                | 9.8      | 50.10                     | 8.64  | 48.60 | 8.24  | 45.60 | 7.90  | 43.50 | 7.66  | 41.50 | 7.48  | 37.30 | 7.14  |
|        | 13                | 11.8     | 46.20                     | 7.46  | 44.40 | 7.08  | 41.30 | 6.74  | 39.20 | 6.50  | 37.20 | 6.33  | 32.90 | 5.98  |
|        | 15                | 13.7     | 42.10                     | 6.36  | 40.10 | 6.00  | 36.90 | 5.67  | 34.80 | 5.45  | 32.70 | 5.28  | 28.40 | 4.94  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 18.90                     | 15.63 | 18.90 | 16.03 | 18.90 | 16.38 | 18.90 | 17.01 | 18.90 | 17.43 | 18.90 | 17.63 |
|        | -24.8             | -25      | 31.60                     | 16.58 | 31.60 | 16.98 | 31.40 | 17.35 | 31.40 | 17.95 | 31.40 | 18.36 | 31.40 | 18.57 |
|        | -21.8             | -22      | 38.80                     | 17.12 | 38.80 | 17.52 | 38.60 | 17.90 | 38.60 | 18.49 | 38.60 | 18.90 | 38.60 | 19.10 |
|        | -19.8             | -20      | 41.10                     | 17.48 | 41.10 | 17.87 | 40.80 | 18.25 | 40.80 | 18.84 | 40.80 | 19.26 | 40.80 | 19.45 |
|        | -18.8             | -19      | 42.10                     | 17.66 | 42.10 | 18.05 | 41.90 | 18.43 | 41.90 | 19.02 | 41.90 | 19.43 | 41.90 | 19.21 |
|        | -16.7             | -17      | 44.40                     | 18.04 | 44.40 | 18.42 | 44.20 | 18.80 | 44.20 | 19.39 | 44.20 | 18.93 | 44.20 | 18.68 |
|        | -15               | -15.9    | 46.00                     | 18.30 | 46.00 | 18.68 | 45.70 | 19.06 | 45.70 | 19.01 | 45.70 | 18.57 | 45.70 | 18.31 |
|        | -13.7             | -15      | 47.60                     | 18.57 | 47.60 | 18.95 | 47.30 | 19.33 | 47.30 | 18.63 | 47.30 | 18.22 | 47.30 | 17.95 |
|        | -11.8             | -13      | 49.20                     | 18.91 | 49.20 | 19.29 | 49.00 | 18.81 | 49.00 | 18.16 | 49.00 | 17.75 | 48.10 | 17.17 |
|        | -9.8              | -11      | 51.00                     | 19.25 | 51.00 | 18.71 | 50.60 | 18.26 | 50.60 | 17.66 | 50.60 | 17.28 | 48.10 | 16.14 |
|        | -9.5              | -10      | 51.50                     | 19.16 | 51.50 | 18.62 | 51.30 | 18.17 | 51.30 | 17.58 | 51.30 | 17.21 | 48.10 | 15.86 |
|        | -8.5              | -9.1     | 53.60                     | 18.85 | 53.60 | 18.33 | 53.30 | 17.89 | 53.30 | 17.34 | 51.50 | 16.51 | 48.10 | 15.14 |
|        | -7                | -7.6     | 56.80                     | 18.38 | 56.80 | 17.89 | 55.10 | 17.08 | 53.30 | 16.03 | 51.50 | 15.64 | 48.10 | 14.62 |
|        | -5                | -5.6     | 61.00                     | 17.79 | 58.70 | 16.69 | 55.10 | 15.45 | 53.30 | 14.80 | 51.50 | 14.78 | 48.10 | 14.22 |
|        | -3                | -3.7     | 62.10                     | 16.41 | 58.70 | 15.14 | 55.10 | 14.77 | 53.30 | 14.39 | 51.50 | 14.13 | 48.10 | 13.81 |
|        | 0                 | -0.7     | 62.10                     | 14.64 | 58.70 | 14.33 | 55.10 | 14.08 | 53.30 | 13.77 | 51.50 | 13.54 | 48.10 | 13.20 |
|        | 3                 | 2.2      | 62.10                     | 13.86 | 58.70 | 13.59 | 55.10 | 13.39 | 53.30 | 13.15 | 51.50 | 12.95 | 48.10 | 12.60 |
|        | 5                 | 4.1      | 58.80                     | 12.12 | 55.30 | 11.86 | 51.70 | 11.65 | 49.90 | 11.44 | 48.10 | 11.25 | 44.60 | 10.85 |
|        | 7                 | 6        | 55.40                     | 10.50 | 51.90 | 10.24 | 48.20 | 10.04 | 46.40 | 9.87  | 44.60 | 9.68  | 41.10 | 9.26  |
|        | 9                 | 7.9      | 51.80                     | 9.14  | 48.30 | 8.89  | 44.60 | 8.65  | 42.80 | 8.47  | 40.90 | 8.29  | 37.40 | 7.87  |
|        | 11                | 9.8      | 48.20                     | 7.96  | 44.60 | 7.70  | 40.90 | 7.45  | 39.10 | 7.28  | 37.20 | 7.09  | 33.60 | 6.68  |
|        | 13                | 11.8     | 44.40                     | 6.86  | 40.80 | 6.60  | 37.10 | 6.35  | 35.20 | 6.17  | 33.30 | 5.99  | 29.60 | 5.59  |
|        | 15                | 13.7     | 40.50                     | 5.84  | 36.90 | 5.58  | 33.10 | 5.33  | 31.20 | 5.17  | 29.30 | 5.00  | 25.50 | 4.62  |
| 100    | -30               | -30.2    | 18.90                     | 17.94 | 18.90 | 18.09 | 18.70 | 17.07 | 18.70 | 18.51 | 18.70 | 18.28 | 18.70 | 18.78 |
|        | -24.8             | -25      | 31.40                     | 18.28 | 31.40 | 18.44 | 31.20 | 17.97 | 31.20 | 18.86 | 31.20 | 19.04 | 31.20 | 19.13 |
|        | -21.8             | -22      | 38.60                     | 18.47 | 38.60 | 18.64 | 38.40 | 18.49 | 38.40 | 19.06 | 38.40 | 19.48 | 38.40 | 19.33 |
|        | -19.8             | -20      | 40.90                     | 18.60 | 40.90 | 18.77 | 40.70 | 18.83 | 40.70 | 19.19 | 40.70 | 19.45 | 40.70 | 19.45 |
|        | -18.8             | -19      | 42.00                     | 18.67 | 41.70 | 18.84 | 41.70 | 19.00 | 41.70 | 19.26 | 41.70 | 19.43 | 41.70 | 19.15 |
|        | -16.7             | -17      | 43.90                     | 18.81 | 43.90 | 18.98 | 43.90 | 19.38 | 43.70 | 19.39 | 43.70 | 18.81 | 43.70 | 18.50 |
|        | -15               | -15.9    | 45.70                     | 18.90 | 45.70 | 19.07 | 45.50 | 19.35 | 45.40 | 18.94 | 45.40 | 18.35 | 43.90 | 17.45 |
|        | -13.7             | -15      | 47.40                     | 19.00 | 47.40 | 19.17 | 47.10 | 19.33 | 47.10 | 18.49 | 47.10 | 17.91 | 43.90 | 16.41 |
|        | -11.8             | -13      | 49.00                     | 19.13 | 48.70 | 19.29 | 48.70 | 18.74 | 48.70 | 17.92 | 47.20 | 16.80 | 43.90 | 15.32 |
|        | -9.8              | -11      | 50.60                     | 19.25 | 50.60 | 18.63 | 50.40 | 18.11 | 48.80 | 16.77 | 47.20 | 15.69 | 43.90 | 14.71 |
|        | -9.5              | -10      | 51.30                     | 19.15 | 51.30 | 18.54 | 50.40 | 17.78 | 48.80 | 16.47 | 47.20 | 15.40 | 43.90 | 14.63 |
|        | -8.5              | -9.1     | 53.30                     | 18.81 | 53.30 | 18.20 | 50.40 | 16.82 | 48.80 | 15.19 | 47.20 | 14.68 | 43.90 | 14.36 |
|        | -7                | -7.6     | 56.90                     | 18.14 | 53.60 | 16.60 | 50.40 | 15.46 | 48.80 | 14.79 | 47.20 | 14.28 | 43.90 | 13.96 |
|        | -5                | -5.6     | 56.90                     | 16.76 | 53.60 | 15.45 | 50.40 | 14.94 | 48.80 | 14.29 | 47.20 | 13.78 | 43.90 | 13.45 |
|        | -3                | -3.7     | 56.90                     | 15.71 | 53.60 | 14.79 | 50.40 | 14.42 | 48.80 | 13.79 | 47.20 | 13.29 | 43.90 | 12.94 |
|        | 0                 | -0.7     | 56.90                     | 14.40 | 53.60 | 13.95 | 50.40 | 13.63 | 48.80 | 13.04 | 47.20 | 12.55 | 43.90 | 12.17 |
|        | 3                 | 2.2      | 56.90                     | 13.55 | 53.60 | 13.12 | 50.40 | 12.85 | 48.80 | 12.29 | 47.20 | 11.79 | 43.90 | 11.41 |
|        | 5                 | 4.1      | 53.90                     | 11.81 | 50.50 | 11.39 | 47.30 | 11.12 | 45.70 | 10.61 | 44.10 | 10.14 | 40.70 | 9.72  |
|        | 7                 | 6        | 50.70                     | 10.19 | 47.40 | 9.79  | 44.10 | 9.53  | 42.50 | 9.07  | 40.90 | 8.63  | 37.50 | 8.20  |
|        | 9                 | 7.9      | 47.50                     | 8.82  | 44.10 | 8.43  | 40.80 | 8.16  | 39.20 | 7.74  | 37.50 | 7.35  | 34.10 | 6.93  |
|        | 11                | 9.8      | 44.20                     | 7.61  | 40.80 | 7.25  | 37.40 | 6.98  | 35.80 | 6.60  | 34.10 | 6.25  | 30.60 | 5.84  |
|        | 13                | 11.8     | 40.70                     | 6.51  | 37.30 | 6.16  | 33.90 | 5.90  | 32.20 | 5.56  | 30.50 | 5.23  | 27.00 | 4.86  |
|        | 15                | 13.7     | 37.10                     | 5.50  | 33.70 | 5.17  | 30.30 | 4.92  | 28.60 | 4.63  | 26.80 | 4.34  | 23.30 | 4.00  |
| 90     | -30               | -30.2    | 18.80                     | 15.40 | 18.80 | 16.00 | 18.70 | 16.42 | 18.70 | 16.62 | 18.70 | 17.02 | 18.70 | 19.95 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 31.30                     | 16.35 | 31.30 | 16.95 | 31.10 | 17.37 | 31.10 | 17.56 | 31.10 | 17.96 | 31.10 | 18.56 |
|        | -21.8             | -22      | 38.50                     | 16.89 | 38.50 | 17.49 | 38.20 | 17.91 | 38.20 | 18.10 | 38.20 | 18.50 | 38.20 | 17.77 |
|        | -19.8             | -20      | 40.80                     | 17.26 | 40.80 | 17.85 | 40.50 | 18.26 | 40.50 | 18.46 | 40.50 | 17.97 | 40.20 | 17.13 |
|        | -18.8             | -19      | 42.00                     | 17.43 | 41.70 | 18.02 | 41.60 | 18.44 | 41.60 | 18.19 | 41.60 | 17.70 | 40.20 | 16.41 |
|        | -16.7             | -17      | 43.90                     | 17.81 | 43.90 | 18.40 | 43.70 | 17.89 | 43.70 | 17.62 | 43.20 | 16.95 | 40.20 | 15.11 |
|        | -15               | -15.9    | 45.70                     | 18.08 | 45.70 | 17.99 | 45.30 | 17.49 | 44.70 | 16.98 | 43.20 | 15.96 | 40.20 | 14.56 |
|        | -13.7             | -15      | 47.40                     | 18.35 | 47.40 | 17.59 | 46.10 | 16.79 | 44.70 | 16.01 | 43.20 | 15.05 | 40.20 | 14.03 |
|        | -11.8             | -13      | 49.00                     | 17.80 | 48.70 | 17.07 | 46.10 | 15.78 | 44.70 | 15.02 | 43.20 | 14.23 | 40.20 | 13.59 |
|        | -9.8              | -11      | 50.60                     | 17.22 | 49.00 | 16.00 | 46.10 | 14.77 | 44.70 | 14.14 | 43.20 | 13.76 | 40.20 | 13.13 |
|        | -9.5              | -10      | 51.30                     | 17.14 | 49.00 | 15.72 | 46.10 | 14.50 | 44.70 | 14.07 | 43.20 | 13.68 | 40.20 | 13.06 |
|        | -8.5              | -9.1     | 52.10                     | 16.47 | 49.00 | 14.97 | 46.10 | 14.11 | 44.70 | 13.83 | 43.20 | 13.45 | 40.20 | 12.84 |
|        | -7                | -7.6     | 52.10                     | 14.90 | 49.00 | 14.15 | 46.10 | 13.76 | 44.70 | 13.48 | 43.20 | 13.10 | 40.20 | 12.49 |
|        | -5                | -5.6     | 52.10                     | 14.24 | 49.00 | 13.71 | 46.10 | 13.32 | 44.70 | 13.03 | 43.20 | 12.67 | 40.20 | 12.05 |
|        | -3                | -3.7     | 52.10                     | 13.76 | 49.00 | 13.26 | 46.10 | 12.89 | 44.70 | 12.58 | 43.20 | 12.23 | 40.20 | 11.63 |
|        | 0                 | -0.7     | 52.10                     | 13.04 | 49.00 | 12.58 | 46.10 | 12.24 | 44.70 | 11.91 | 43.20 | 11.57 | 40.20 | 10.98 |
|        | 3                 | 2.2      | 52.10                     | 12.32 | 49.00 | 11.90 | 46.10 | 11.59 | 44.70 | 11.24 | 43.20 | 10.91 | 40.20 | 10.33 |
|        | 5                 | 4.1      | 49.30                     | 10.79 | 46.20 | 10.39 | 43.30 | 10.08 | 41.90 | 9.74  | 40.30 | 9.42  | 37.30 | 8.85  |
|        | 7                 | 6        | 46.40                     | 9.37  | 43.30 | 9.01  | 40.40 | 8.69  | 38.90 | 8.36  | 37.40 | 8.06  | 34.30 | 7.52  |
|        | 9                 | 7.9      | 43.50                     | 8.08  | 40.30 | 7.74  | 37.40 | 7.43  | 35.90 | 7.13  | 34.30 | 6.85  | 31.20 | 6.35  |
|        | 11                | 9.8      | 40.40                     | 6.92  | 37.30 | 6.59  | 34.20 | 6.29  | 32.80 | 6.02  | 31.20 | 5.77  | 28.10 | 5.31  |
|        | 13                | 11.8     | 37.30                     | 5.86  | 34.10 | 5.56  | 31.00 | 5.28  | 29.50 | 5.03  | 27.90 | 4.81  | 24.80 | 4.39  |
|        | 15                | 13.7     | 34.00                     | 4.92  | 30.80 | 4.64  | 27.70 | 4.38  | 26.20 | 4.16  | 24.60 | 3.97  | 21.40 | 3.60  |
| 80     | -30               | -30.2    | 18.70                     | 13.31 | 18.70 | 13.91 | 18.60 | 14.34 | 18.60 | 13.83 | 18.60 | 17.72 | 18.60 | 17.02 |
|        | -24.8             | -25      | 31.20                     | 14.27 | 31.20 | 14.87 | 31.00 | 15.29 | 31.00 | 15.49 | 31.00 | 16.49 | 31.00 | 15.84 |
|        | -21.8             | -22      | 38.00                     | 14.82 | 38.00 | 15.42 | 38.00 | 15.84 | 38.00 | 16.44 | 38.00 | 15.79 | 35.90 | 14.31 |
|        | -19.8             | -20      | 40.40                     | 15.19 | 40.40 | 15.79 | 40.40 | 16.40 | 40.00 | 15.81 | 38.60 | 14.65 | 35.90 | 13.20 |
|        | -18.8             | -19      | 41.40                     | 15.37 | 41.40 | 16.39 | 41.30 | 16.13 | 40.00 | 15.19 | 38.60 | 14.08 | 35.90 | 12.99 |
|        | -16.7             | -17      | 43.70                     | 16.35 | 43.70 | 15.88 | 41.30 | 14.79 | 40.00 | 13.91 | 38.60 | 13.11 | 35.90 | 12.58 |
|        | -15               | -15.9    | 45.90                     | 15.98 | 43.90 | 14.99 | 41.30 | 14.06 | 40.00 | 13.44 | 38.60 | 12.80 | 35.90 | 12.28 |
|        | -13.7             | -15      | 46.60                     | 15.14 | 43.90 | 14.11 | 41.30 | 13.39 | 40.00 | 12.98 | 38.60 | 12.49 | 35.90 | 11.98 |
|        | -11.8             | -13      | 46.60                     | 14.33 | 43.90 | 13.50 | 41.30 | 12.97 | 40.00 | 12.58 | 38.60 | 12.10 | 35.90 | 11.61 |
|        | -9.8              | -11      | 46.60                     | 13.62 | 43.90 | 12.95 | 41.30 | 12.54 | 40.00 | 12.15 | 38.60 | 11.69 | 35.90 | 11.21 |
|        | -9.5              | -10      | 46.60                     | 13.46 | 43.90 | 12.79 | 41.30 | 12.47 | 40.00 | 12.08 | 38.60 | 11.63 | 35.90 | 11.15 |
|        | -8.5              | -9.1     | 46.60                     | 13.06 | 43.90 | 12.50 | 41.30 | 12.26 | 40.00 | 11.88 | 38.60 | 11.43 | 35.90 | 10.96 |
|        | -7                | -7.6     | 46.60                     | 12.54 | 43.90 | 12.18 | 41.30 | 11.94 | 40.00 | 11.55 | 38.60 | 11.13 | 35.90 | 10.66 |
|        | -5                | -5.6     | 46.60                     | 12.14 | 43.90 | 11.78 | 41.30 | 11.54 | 40.00 | 11.15 | 38.60 | 10.75 | 35.90 | 10.29 |
|        | -3                | -3.7     | 46.60                     | 11.72 | 43.90 | 11.39 | 41.30 | 11.14 | 40.00 | 10.75 | 38.60 | 10.37 | 35.90 | 9.93  |
|        | 0                 | -0.7     | 46.60                     | 11.11 | 43.90 | 10.80 | 41.30 | 10.54 | 40.00 | 10.16 | 38.60 | 9.79  | 35.90 | 9.37  |
|        | 3                 | 2.2      | 46.60                     | 10.50 | 43.90 | 10.20 | 41.30 | 9.94  | 40.00 | 9.55  | 38.60 | 9.23  | 35.90 | 8.82  |
|        | 5                 | 4.1      | 44.10                     | 9.22  | 41.40 | 8.91  | 38.80 | 8.63  | 37.50 | 8.27  | 36.00 | 7.98  | 33.30 | 7.58  |
|        | 7                 | 6        | 41.50                     | 8.03  | 38.80 | 7.74  | 36.20 | 7.45  | 34.80 | 7.10  | 33.40 | 6.84  | 30.70 | 6.46  |
|        | 9                 | 7.9      | 38.90                     | 6.80  | 36.10 | 6.54  | 33.50 | 6.26  | 32.10 | 5.95  | 30.70 | 5.72  | 27.90 | 5.36  |
|        | 11                | 9.8      | 36.20                     | 5.66  | 33.40 | 5.41  | 30.70 | 5.16  | 29.30 | 4.89  | 27.90 | 4.69  | 25.10 | 4.37  |
|        | 13                | 11.8     | 33.30                     | 4.71  | 30.50 | 4.48  | 27.80 | 4.26  | 26.40 | 4.02  | 25.00 | 3.85  | 22.10 | 3.56  |
|        | 15                | 13.7     | 30.40                     | 3.92  | 27.60 | 3.72  | 24.80 | 3.51  | 23.40 | 3.32  | 21.90 | 3.16  | 19.10 | 2.91  |
| 70     | -30               | -30.2    | 18.70                     | 13.76 | 18.70 | 13.96 | 18.60 | 14.37 | 18.60 | 17.24 | 18.60 | 16.44 | 18.60 | 15.76 |
|        | -24.8             | -25      | 31.20                     | 14.73 | 31.20 | 14.92 | 31.00 | 15.32 | 31.00 | 15.92 | 31.00 | 15.22 | 30.70 | 14.42 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 38.00                     | 15.28 | 37.30 | 15.05 | 35.10 | 14.65 | 33.90 | 13.60 | 32.90 | 13.02 | 30.70 | 12.45 |
|        | -19.8             | -20      | 39.50                     | 15.30 | 37.30 | 14.64 | 35.10 | 13.77 | 33.90 | 13.17 | 32.90 | 12.60 | 30.70 | 12.04 |
|        | -18.8             | -19      | 39.50                     | 15.11 | 37.30 | 14.04 | 35.10 | 13.54 | 33.90 | 12.94 | 32.90 | 12.40 | 30.70 | 11.83 |
|        | -16.7             | -17      | 39.50                     | 13.81 | 37.30 | 13.47 | 35.10 | 13.06 | 33.90 | 12.48 | 32.90 | 11.95 | 30.70 | 11.41 |
|        | -15               | -15.9    | 39.50                     | 13.40 | 37.30 | 13.12 | 35.10 | 12.71 | 33.90 | 12.14 | 32.90 | 11.64 | 30.70 | 11.11 |
|        | -13.7             | -15      | 39.50                     | 13.01 | 37.30 | 12.76 | 35.10 | 12.37 | 33.90 | 11.82 | 32.90 | 11.34 | 30.70 | 10.81 |
|        | -11.8             | -13      | 39.50                     | 12.57 | 37.30 | 12.32 | 35.10 | 11.93 | 33.90 | 11.40 | 32.90 | 10.95 | 30.70 | 10.42 |
|        | -9.8              | -11      | 39.50                     | 12.11 | 37.30 | 11.85 | 35.10 | 11.47 | 33.90 | 10.96 | 32.90 | 10.53 | 30.70 | 10.02 |
|        | -9.5              | -10      | 39.50                     | 12.05 | 37.30 | 11.78 | 35.10 | 11.41 | 33.90 | 10.90 | 32.90 | 10.47 | 30.70 | 9.96  |
|        | -8.5              | -9.1     | 39.50                     | 11.81 | 37.30 | 11.54 | 35.10 | 11.18 | 33.90 | 10.69 | 32.90 | 10.27 | 30.70 | 9.76  |
|        | -7                | -7.6     | 39.50                     | 11.47 | 37.30 | 11.20 | 35.10 | 10.85 | 33.90 | 10.36 | 32.90 | 9.96  | 30.70 | 9.47  |
|        | -5                | -5.6     | 39.50                     | 11.04 | 37.30 | 10.76 | 35.10 | 10.41 | 33.90 | 9.95  | 32.90 | 9.58  | 30.70 | 9.09  |
|        | -3                | -3.7     | 39.50                     | 10.61 | 37.30 | 10.32 | 35.10 | 9.98  | 33.90 | 9.54  | 32.90 | 9.19  | 30.70 | 8.71  |
|        | 0                 | -0.7     | 39.50                     | 9.96  | 37.30 | 9.66  | 35.10 | 9.34  | 33.90 | 8.92  | 32.90 | 8.61  | 30.70 | 8.14  |
|        | 3                 | 2.2      | 39.50                     | 9.31  | 37.30 | 9.00  | 35.10 | 8.70  | 33.90 | 8.31  | 32.90 | 8.03  | 30.70 | 7.58  |
|        | 5                 | 4.1      | 37.40                     | 8.13  | 35.20 | 7.81  | 32.90 | 7.51  | 31.70 | 7.15  | 30.70 | 6.92  | 28.50 | 6.49  |
|        | 7                 | 6        | 35.20                     | 7.04  | 33.00 | 6.72  | 30.70 | 6.45  | 29.50 | 6.12  | 28.50 | 5.91  | 26.20 | 5.50  |
|        | 9                 | 7.9      | 33.00                     | 5.77  | 30.70 | 5.47  | 28.40 | 5.23  | 27.20 | 4.96  | 26.20 | 4.77  | 23.90 | 4.42  |
|        | 11                | 9.8      | 30.70                     | 4.83  | 28.40 | 4.57  | 26.10 | 4.35  | 24.80 | 4.11  | 23.80 | 3.95  | 21.40 | 3.64  |
|        | 13                | 11.8     | 28.20                     | 4.05  | 25.90 | 3.82  | 23.60 | 3.62  | 22.40 | 3.42  | 21.30 | 3.27  | 18.90 | 3.01  |
|        | 15                | 13.7     | 25.80                     | 3.40  | 23.40 | 3.20  | 21.10 | 3.02  | 19.80 | 2.85  | 18.70 | 2.72  | 16.30 | 2.48  |
| 60     | -30               | -30.2    | 18.70                     | 13.39 | 18.70 | 13.79 | 18.60 | 16.71 | 18.60 | 15.90 | 18.60 | 15.15 | 17.60 | 14.46 |
|        | -24.8             | -25      | 31.20                     | 14.35 | 31.20 | 14.76 | 30.10 | 14.91 | 29.10 | 13.73 | 28.10 | 12.63 | 26.30 | 11.91 |
|        | -21.8             | -22      | 33.90                     | 14.38 | 32.10 | 13.73 | 30.10 | 13.07 | 29.10 | 12.46 | 28.10 | 11.87 | 26.30 | 11.31 |
|        | -19.8             | -20      | 33.90                     | 13.70 | 32.10 | 13.24 | 30.10 | 12.61 | 29.10 | 12.02 | 28.10 | 11.46 | 26.30 | 10.91 |
|        | -18.8             | -19      | 33.90                     | 13.45 | 32.10 | 12.99 | 30.10 | 12.38 | 29.10 | 11.81 | 28.10 | 11.25 | 26.30 | 10.70 |
|        | -16.7             | -17      | 33.90                     | 12.95 | 32.10 | 12.49 | 30.10 | 11.90 | 29.10 | 11.35 | 28.10 | 10.82 | 26.30 | 10.28 |
|        | -15               | -15.9    | 33.90                     | 12.58 | 32.10 | 12.13 | 30.10 | 11.55 | 29.10 | 11.02 | 28.10 | 10.52 | 26.30 | 9.98  |
|        | -13.7             | -15      | 33.90                     | 12.23 | 32.10 | 11.77 | 30.10 | 11.21 | 29.10 | 10.70 | 28.10 | 10.22 | 26.30 | 9.69  |
|        | -11.8             | -13      | 33.90                     | 11.78 | 32.10 | 11.32 | 30.10 | 10.79 | 29.10 | 10.29 | 28.10 | 9.83  | 26.30 | 9.31  |
|        | -9.8              | -11      | 33.90                     | 11.30 | 32.10 | 10.85 | 30.10 | 10.33 | 29.10 | 9.87  | 28.10 | 9.43  | 26.30 | 8.92  |
|        | -9.5              | -10      | 33.90                     | 11.23 | 32.10 | 10.78 | 30.10 | 10.27 | 29.10 | 9.81  | 28.10 | 9.36  | 26.30 | 8.85  |
|        | -8.5              | -9.1     | 33.90                     | 11.00 | 32.10 | 10.54 | 30.10 | 10.04 | 29.10 | 9.60  | 28.10 | 9.16  | 26.30 | 8.66  |
|        | -7                | -7.6     | 33.90                     | 10.65 | 32.10 | 10.19 | 30.10 | 9.71  | 29.10 | 9.27  | 28.10 | 8.86  | 26.30 | 8.37  |
|        | -5                | -5.6     | 33.90                     | 10.20 | 32.10 | 9.73  | 30.10 | 9.27  | 29.10 | 8.87  | 28.10 | 8.48  | 26.30 | 8.00  |
|        | -3                | -3.7     | 33.90                     | 9.75  | 32.10 | 9.28  | 30.10 | 8.85  | 29.10 | 8.47  | 28.10 | 8.10  | 26.30 | 7.62  |
|        | 0                 | -0.7     | 33.90                     | 9.08  | 32.10 | 8.61  | 30.10 | 8.21  | 29.10 | 7.86  | 28.10 | 7.53  | 26.30 | 7.06  |
|        | 3                 | 2.2      | 33.90                     | 8.41  | 32.10 | 7.94  | 30.10 | 7.56  | 29.10 | 7.26  | 28.10 | 6.95  | 26.30 | 6.50  |
|        | 5                 | 4.1      | 32.10                     | 7.31  | 30.30 | 6.85  | 28.30 | 6.51  | 27.20 | 6.23  | 26.20 | 5.97  | 24.40 | 5.54  |
|        | 7                 | 6        | 30.20                     | 6.31  | 28.40 | 5.87  | 26.40 | 5.56  | 25.30 | 5.32  | 24.30 | 5.08  | 22.50 | 4.68  |
|        | 9                 | 7.9      | 28.30                     | 5.11  | 26.40 | 4.75  | 24.40 | 4.48  | 23.40 | 4.28  | 22.30 | 4.08  | 20.40 | 3.75  |
|        | 11                | 9.8      | 26.30                     | 4.33  | 24.40 | 4.01  | 22.40 | 3.76  | 21.30 | 3.60  | 20.30 | 3.42  | 18.40 | 3.12  |
|        | 13                | 11.8     | 24.20                     | 3.66  | 22.30 | 3.37  | 20.30 | 3.17  | 19.20 | 3.01  | 18.20 | 2.86  | 16.20 | 2.60  |
|        | 15                | 13.7     | 22.10                     | 3.11  | 20.20 | 2.86  | 18.10 | 2.67  | 17.00 | 2.54  | 16.00 | 2.41  | 14.00 | 2.19  |
| 50     | -30               | -30.2    | 18.90                     | 12.19 | 17.90 | 15.04 | 16.80 | 14.28 | 16.30 | 13.59 | 15.70 | 12.87 | 14.70 | 12.28 |
|        | -24.8             | -25      | 28.30                     | 11.81 | 26.70 | 12.35 | 25.10 | 11.73 | 24.30 | 11.15 | 23.50 | 10.59 | 21.90 | 10.08 |
|        | -21.8             | -22      | 28.30                     | 12.31 | 26.70 | 11.69 | 25.10 | 11.12 | 24.30 | 10.56 | 23.50 | 10.05 | 21.90 | 9.55  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |      |       |      |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |      | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI   | TC    | PI   |
| 50     | -19.8             | -20      | 28.30                     | 11.85 | 26.70 | 11.26 | 25.10 | 10.70 | 24.30 | 10.18 | 23.50 | 9.69 | 21.90 | 9.20 |
|        | -18.8             | -19      | 28.30                     | 11.64 | 26.70 | 11.04 | 25.10 | 10.51 | 24.30 | 9.98  | 23.50 | 9.50 | 21.90 | 9.03 |
|        | -16.7             | -17      | 28.30                     | 11.16 | 26.70 | 10.59 | 25.10 | 10.08 | 24.30 | 9.58  | 23.50 | 9.13 | 21.90 | 8.66 |
|        | -15               | -15.9    | 28.30                     | 10.82 | 26.70 | 10.27 | 25.10 | 9.77  | 24.30 | 9.29  | 23.50 | 8.86 | 21.90 | 8.39 |
|        | -13.7             | -15      | 28.30                     | 10.49 | 26.70 | 9.95  | 25.10 | 9.47  | 24.30 | 9.00  | 23.50 | 8.59 | 21.90 | 8.14 |
|        | -11.8             | -13      | 28.30                     | 10.07 | 26.70 | 9.54  | 25.10 | 9.09  | 24.30 | 8.64  | 23.50 | 8.26 | 21.90 | 7.81 |
|        | -9.8              | -11      | 28.30                     | 9.63  | 26.70 | 9.12  | 25.10 | 8.69  | 24.30 | 8.26  | 23.50 | 7.90 | 21.90 | 7.47 |
|        | -9.5              | -10      | 28.30                     | 9.57  | 26.70 | 9.05  | 25.10 | 8.63  | 24.30 | 8.21  | 23.50 | 7.84 | 21.90 | 7.42 |
|        | -8.5              | -9.1     | 28.30                     | 9.34  | 26.70 | 8.83  | 25.10 | 8.43  | 24.30 | 8.01  | 23.50 | 7.67 | 21.90 | 7.24 |
|        | -7                | -7.6     | 28.30                     | 9.01  | 26.70 | 8.52  | 25.10 | 8.14  | 24.30 | 7.73  | 23.50 | 7.41 | 21.90 | 6.99 |
|        | -5                | -5.6     | 28.30                     | 8.59  | 26.70 | 8.12  | 25.10 | 7.75  | 24.30 | 7.37  | 23.50 | 7.06 | 21.90 | 6.67 |
|        | -3                | -3.7     | 28.30                     | 8.18  | 26.70 | 7.71  | 25.10 | 7.38  | 24.30 | 7.01  | 23.50 | 6.72 | 21.90 | 6.34 |
|        | 0                 | -0.7     | 28.30                     | 7.54  | 26.70 | 7.10  | 25.10 | 6.81  | 24.30 | 6.46  | 23.50 | 6.22 | 21.90 | 5.85 |
|        | 3                 | 2.2      | 28.30                     | 6.92  | 26.70 | 6.49  | 25.10 | 6.23  | 24.30 | 5.92  | 23.50 | 5.71 | 21.90 | 5.36 |
|        | 5                 | 4.1      | 26.80                     | 5.98  | 25.20 | 5.60  | 23.60 | 5.37  | 22.80 | 5.09  | 21.90 | 4.91 | 20.30 | 4.58 |
|        | 7                 | 6        | 25.20                     | 5.14  | 23.60 | 4.78  | 22.00 | 4.58  | 21.20 | 4.34  | 20.30 | 4.19 | 18.70 | 3.88 |
|        | 9                 | 7.9      | 23.60                     | 4.25  | 22.00 | 3.95  | 20.30 | 3.76  | 19.50 | 3.56  | 18.70 | 3.43 | 17.00 | 3.17 |
|        | 11                | 9.8      | 22.00                     | 3.63  | 20.30 | 3.36  | 18.60 | 3.20  | 17.80 | 3.02  | 17.00 | 2.91 | 15.30 | 2.67 |
|        | 13                | 11.8     | 20.20                     | 3.10  | 18.60 | 2.87  | 16.90 | 2.73  | 16.00 | 2.57  | 15.20 | 2.47 | 13.50 | 2.26 |
|        | 15                | 13.7     | 18.50                     | 2.67  | 16.80 | 2.46  | 15.10 | 2.33  | 14.20 | 2.20  | 13.40 | 2.11 | 11.60 | 1.93 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM180LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 23.60                     | 17.89 | 23.60 | 18.00 | 23.40 | 18.10 | 23.40 | 18.26 | 23.40 | 18.42 | 23.00 | 18.65 |
|        | -24.8             | -25      | 39.30                     | 18.24 | 39.30 | 18.35 | 39.00 | 18.46 | 39.00 | 18.61 | 39.00 | 18.77 | 38.30 | 19.01 |
|        | -21.8             | -22      | 46.60                     | 18.44 | 46.60 | 18.56 | 46.30 | 18.66 | 46.30 | 18.82 | 46.30 | 18.97 | 45.40 | 19.21 |
|        | -19.8             | -20      | 48.60                     | 18.58 | 48.60 | 18.69 | 48.30 | 18.79 | 48.30 | 18.96 | 48.30 | 19.10 | 47.30 | 19.34 |
|        | -18.8             | -19      | 49.50                     | 18.64 | 49.50 | 18.76 | 49.20 | 18.86 | 49.20 | 19.02 | 49.20 | 19.17 | 48.30 | 19.41 |
|        | -16.7             | -17      | 51.50                     | 18.79 | 51.50 | 18.90 | 51.10 | 19.00 | 51.10 | 19.16 | 51.10 | 19.31 | 50.20 | 19.55 |
|        | -15               | -15.9    | 53.00                     | 18.88 | 53.00 | 19.00 | 52.50 | 19.10 | 52.50 | 19.26 | 52.50 | 19.41 | 51.60 | 19.12 |
|        | -13.7             | -15      | 54.40                     | 18.98 | 54.40 | 19.10 | 54.00 | 19.20 | 54.00 | 19.36 | 54.00 | 19.51 | 53.00 | 18.70 |
|        | -11.8             | -13      | 56.10                     | 19.11 | 56.10 | 19.22 | 55.80 | 19.32 | 55.80 | 19.49 | 55.80 | 18.93 | 54.70 | 18.16 |
|        | -9.8              | -11      | 58.00                     | 19.24 | 58.00 | 19.36 | 57.60 | 19.46 | 57.60 | 18.87 | 57.60 | 18.34 | 56.60 | 17.61 |
|        | -9.5              | -10      | 58.30                     | 19.27 | 58.30 | 19.38 | 58.00 | 19.37 | 58.00 | 18.77 | 57.90 | 18.25 | 56.90 | 17.52 |
|        | -8.5              | -9.1     | 59.40                     | 19.33 | 59.40 | 19.45 | 59.10 | 19.05 | 59.10 | 18.48 | 58.80 | 17.95 | 57.80 | 17.25 |
|        | -7                | -7.6     | 61.10                     | 19.43 | 61.10 | 18.97 | 60.80 | 18.57 | 60.80 | 18.01 | 60.80 | 17.50 | 59.20 | 16.82 |
|        | -5                | -5.6     | 63.40                     | 18.83 | 63.40 | 18.37 | 63.00 | 17.97 | 63.00 | 17.42 | 63.00 | 16.92 | 61.00 | 16.29 |
|        | -3                | -3.7     | 65.70                     | 18.22 | 65.70 | 17.76 | 65.20 | 17.35 | 65.20 | 16.83 | 65.20 | 16.35 | 62.90 | 15.76 |
|        | 0                 | -0.7     | 69.00                     | 17.32 | 69.00 | 16.85 | 68.60 | 16.44 | 68.60 | 15.95 | 68.60 | 15.49 | 64.00 | 14.57 |
|        | 3                 | 2.2      | 72.50                     | 16.42 | 72.50 | 15.94 | 72.00 | 15.52 | 71.20 | 14.90 | 68.80 | 13.97 | 64.00 | 13.41 |
|        | 5                 | 4.1      | 69.40                     | 14.09 | 69.10 | 13.59 | 68.60 | 13.19 | 66.70 | 12.44 | 64.20 | 11.92 | 59.40 | 11.48 |
|        | 7                 | 6        | 65.30                     | 11.84 | 64.80 | 11.36 | 64.00 | 10.95 | 62.00 | 10.50 | 59.50 | 10.13 | 54.60 | 9.70  |
|        | 9                 | 7.9      | 61.20                     | 10.21 | 60.30 | 9.73  | 59.20 | 9.30  | 57.20 | 8.95  | 54.70 | 8.60  | 49.70 | 8.17  |
| 120    | 11                | 9.8      | 56.90                     | 8.81  | 55.70 | 8.35  | 54.30 | 7.93  | 52.20 | 7.61  | 49.70 | 7.29  | 44.70 | 6.86  |
|        | 13                | 11.8     | 52.40                     | 7.51  | 51.00 | 7.08  | 49.20 | 6.67  | 47.00 | 6.37  | 44.50 | 6.08  | 39.40 | 5.66  |
|        | 15                | 13.7     | 47.80                     | 6.31  | 46.00 | 5.91  | 43.90 | 5.53  | 41.70 | 5.26  | 39.10 | 4.99  | 34.00 | 4.60  |
|        | -30               | -30.2    | 23.40                     | 18.00 | 23.40 | 18.10 | 23.30 | 18.26 | 23.30 | 18.42 | 23.30 | 18.65 | 22.80 | 18.82 |
|        | -24.8             | -25      | 39.00                     | 18.35 | 39.00 | 18.46 | 38.80 | 18.61 | 38.80 | 18.77 | 38.80 | 19.01 | 38.00 | 19.17 |
|        | -21.8             | -22      | 46.30                     | 18.56 | 46.30 | 18.66 | 46.00 | 18.82 | 46.00 | 18.97 | 46.00 | 19.21 | 45.10 | 19.37 |
|        | -19.8             | -20      | 48.20                     | 18.69 | 48.20 | 18.79 | 47.80 | 18.96 | 47.80 | 19.10 | 47.80 | 19.34 | 47.00 | 19.50 |
|        | -18.8             | -19      | 49.10                     | 18.76 | 49.10 | 18.86 | 48.80 | 19.02 | 48.80 | 19.17 | 48.80 | 19.41 | 48.00 | 19.57 |
|        | -16.7             | -17      | 51.10                     | 18.90 | 51.10 | 19.00 | 50.80 | 19.16 | 50.80 | 19.31 | 50.80 | 19.55 | 49.80 | 19.02 |
|        | -15               | -15.9    | 52.50                     | 19.00 | 52.50 | 19.10 | 52.20 | 19.26 | 52.20 | 19.41 | 52.20 | 19.14 | 51.20 | 18.63 |
|        | -13.7             | -15      | 54.00                     | 19.10 | 54.00 | 19.20 | 53.60 | 19.36 | 53.60 | 19.51 | 53.60 | 18.73 | 52.60 | 18.25 |
|        | -11.8             | -13      | 55.80                     | 19.22 | 55.80 | 19.32 | 55.30 | 19.49 | 55.30 | 18.93 | 55.30 | 18.22 | 54.40 | 17.75 |
|        | -9.8              | -11      | 57.50                     | 19.36 | 57.50 | 19.46 | 57.20 | 18.85 | 57.20 | 18.33 | 57.20 | 17.67 | 56.20 | 17.24 |
|        | -9.5              | -10      | 57.90                     | 19.38 | 57.90 | 19.36 | 57.50 | 18.75 | 57.50 | 18.24 | 57.50 | 17.59 | 56.50 | 17.16 |
|        | -8.5              | -9.1     | 59.00                     | 19.45 | 59.00 | 19.02 | 58.70 | 18.43 | 58.70 | 17.93 | 58.50 | 17.33 | 57.40 | 16.91 |
|        | -7                | -7.6     | 60.70                     | 18.94 | 60.70 | 18.52 | 60.30 | 17.97 | 60.30 | 17.49 | 59.90 | 16.92 | 58.80 | 16.51 |
|        | -5                | -5.6     | 62.90                     | 18.28 | 62.90 | 17.86 | 62.60 | 17.35 | 62.60 | 16.90 | 62.60 | 16.40 | 60.10 | 15.89 |
|        | -3                | -3.7     | 65.20                     | 17.63 | 65.20 | 17.22 | 64.80 | 16.74 | 64.80 | 16.33 | 64.70 | 15.86 | 60.10 | 14.93 |
|        | 0                 | -0.7     | 68.60                     | 16.65 | 68.60 | 16.24 | 68.20 | 15.83 | 66.80 | 15.14 | 64.70 | 14.34 | 60.10 | 14.04 |
| 110    | 3                 | 2.2      | 72.00                     | 15.66 | 71.90 | 15.25 | 69.10 | 14.42 | 66.80 | 13.84 | 64.70 | 13.60 | 60.10 | 13.33 |
|        | 5                 | 4.1      | 68.80                     | 13.37 | 67.80 | 12.82 | 64.90 | 12.22 | 62.50 | 11.94 | 60.40 | 11.75 | 55.80 | 11.45 |
|        | 7                 | 6        | 64.80                     | 11.20 | 63.60 | 10.77 | 60.50 | 10.45 | 58.20 | 10.19 | 56.00 | 10.04 | 51.30 | 9.73  |
|        | 9                 | 7.9      | 60.70                     | 9.64  | 59.20 | 9.25  | 56.00 | 8.93  | 53.60 | 8.69  | 51.40 | 8.53  | 46.70 | 8.20  |
|        | 11                | 9.8      | 56.40                     | 8.32  | 54.70 | 7.95  | 51.30 | 7.63  | 49.00 | 7.39  | 46.70 | 7.22  | 42.00 | 6.89  |
|        | 13                | 11.8     | 52.00                     | 7.10  | 50.00 | 6.74  | 46.50 | 6.42  | 44.10 | 6.20  | 41.80 | 6.03  | 37.00 | 5.71  |
|        | 15                | 13.7     | 47.40                     | 5.97  | 45.20 | 5.63  | 41.50 | 5.33  | 39.10 | 5.12  | 36.80 | 4.96  | 31.90 | 4.65  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 23.30                     | 18.10 | 23.30 | 18.26 | 23.10 | 18.42 | 23.10 | 18.65 | 23.10 | 18.82 | 22.70 | 18.89 |
|        | -24.8             | -25      | 38.80                     | 18.46 | 38.80 | 18.61 | 38.60 | 18.77 | 38.60 | 19.01 | 38.60 | 19.17 | 37.80 | 19.24 |
|        | -21.8             | -22      | 46.10                     | 18.66 | 46.10 | 18.82 | 45.70 | 18.97 | 45.70 | 19.21 | 45.70 | 19.37 | 44.90 | 19.45 |
|        | -19.8             | -20      | 48.00                     | 18.79 | 48.00 | 18.96 | 47.60 | 19.10 | 47.60 | 19.34 | 47.60 | 19.50 | 46.70 | 19.59 |
|        | -18.8             | -19      | 48.90                     | 18.86 | 48.90 | 19.02 | 48.60 | 19.17 | 48.60 | 19.41 | 48.60 | 19.57 | 47.60 | 19.30 |
|        | -16.7             | -17      | 50.80                     | 19.00 | 50.80 | 19.16 | 50.50 | 19.31 | 50.50 | 19.55 | 50.50 | 18.98 | 49.50 | 18.70 |
|        | -15               | -15.9    | 52.20                     | 19.10 | 52.20 | 19.26 | 51.90 | 19.41 | 51.90 | 19.10 | 51.90 | 18.57 | 51.40 | 18.28 |
|        | -13.7             | -15      | 53.60                     | 19.20 | 53.60 | 19.36 | 53.30 | 19.51 | 53.30 | 18.66 | 53.30 | 18.15 | 53.30 | 17.86 |
|        | -11.8             | -13      | 55.40                     | 19.32 | 55.40 | 19.49 | 55.00 | 18.88 | 55.00 | 18.10 | 55.00 | 17.63 | 54.10 | 17.03 |
|        | -9.8              | -11      | 57.20                     | 19.46 | 57.20 | 18.79 | 56.90 | 18.23 | 56.90 | 17.52 | 56.90 | 17.07 | 54.10 | 16.15 |
|        | -9.5              | -10      | 57.50                     | 19.35 | 57.50 | 18.68 | 57.20 | 18.14 | 57.20 | 17.43 | 57.20 | 16.99 | 54.10 | 15.83 |
|        | -8.5              | -9.1     | 58.70                     | 18.97 | 58.70 | 18.33 | 58.40 | 17.81 | 58.40 | 17.13 | 57.90 | 16.57 | 54.10 | 15.56 |
|        | -7                | -7.6     | 60.40                     | 18.40 | 60.40 | 17.80 | 60.00 | 17.32 | 60.00 | 16.70 | 57.90 | 15.75 | 54.10 | 15.16 |
|        | -5                | -5.6     | 62.60                     | 17.67 | 62.60 | 17.13 | 62.00 | 16.65 | 60.00 | 15.57 | 57.90 | 14.97 | 54.10 | 14.65 |
|        | -3                | -3.7     | 64.80                     | 16.93 | 64.80 | 16.45 | 62.00 | 15.44 | 60.00 | 14.77 | 57.90 | 14.46 | 54.10 | 14.14 |
|        | 0                 | -0.7     | 68.20                     | 15.84 | 66.10 | 14.97 | 62.00 | 14.35 | 60.00 | 13.98 | 57.90 | 13.72 | 54.10 | 13.38 |
|        | 3                 | 2.2      | 69.90                     | 14.39 | 66.10 | 13.69 | 62.00 | 13.45 | 60.00 | 13.18 | 57.90 | 12.96 | 54.10 | 12.61 |
|        | 5                 | 4.1      | 66.20                     | 12.09 | 62.30 | 11.82 | 58.20 | 11.59 | 56.20 | 11.38 | 54.10 | 11.17 | 50.20 | 10.78 |
|        | 7                 | 6        | 62.30                     | 10.35 | 58.40 | 10.10 | 54.30 | 9.90  | 52.20 | 9.73  | 50.10 | 9.55  | 46.20 | 9.14  |
|        | 9                 | 7.9      | 58.30                     | 8.92  | 54.40 | 8.67  | 50.20 | 8.45  | 48.20 | 8.28  | 46.00 | 8.10  | 42.00 | 7.69  |
|        | 11                | 9.8      | 54.20                     | 7.69  | 50.30 | 7.43  | 46.10 | 7.19  | 44.00 | 7.03  | 41.80 | 6.85  | 37.80 | 6.45  |
|        | 13                | 11.8     | 50.00                     | 6.54  | 46.00 | 6.29  | 41.70 | 6.05  | 39.60 | 5.89  | 37.40 | 5.72  | 33.30 | 5.34  |
|        | 15                | 13.7     | 45.60                     | 5.49  | 41.50 | 5.25  | 37.20 | 5.02  | 35.10 | 4.86  | 32.90 | 4.71  | 28.70 | 4.36  |
| 100    | -30               | -30.2    | 23.10                     | 19.08 | 23.10 | 19.15 | 23.00 | 17.49 | 23.00 | 19.29 | 23.00 | 19.20 | 22.60 | 19.39 |
|        | -24.8             | -25      | 38.60                     | 19.18 | 38.60 | 19.24 | 38.40 | 18.46 | 38.40 | 19.39 | 38.40 | 19.46 | 37.60 | 19.49 |
|        | -21.8             | -22      | 45.80                     | 19.24 | 45.80 | 19.30 | 45.50 | 19.01 | 45.50 | 19.45 | 45.50 | 19.61 | 44.70 | 19.55 |
|        | -19.8             | -20      | 47.70                     | 19.28 | 47.70 | 19.34 | 47.40 | 19.35 | 47.40 | 19.48 | 47.40 | 19.59 | 46.60 | 19.59 |
|        | -18.8             | -19      | 48.70                     | 19.30 | 48.40 | 19.36 | 48.40 | 19.41 | 48.40 | 19.50 | 48.40 | 19.57 | 47.40 | 19.24 |
|        | -16.7             | -17      | 50.30                     | 19.33 | 50.30 | 19.39 | 50.30 | 19.55 | 50.10 | 19.55 | 50.10 | 18.87 | 49.10 | 18.54 |
|        | -15               | -15.9    | 51.90                     | 19.36 | 51.90 | 19.42 | 51.70 | 19.53 | 51.60 | 19.03 | 51.60 | 18.37 | 49.40 | 17.61 |
|        | -13.7             | -15      | 53.40                     | 19.39 | 53.40 | 19.45 | 53.10 | 19.51 | 53.10 | 18.52 | 53.10 | 17.87 | 49.40 | 16.63 |
|        | -11.8             | -13      | 55.10                     | 19.43 | 54.80 | 19.49 | 54.80 | 18.82 | 54.80 | 17.88 | 53.10 | 16.70 | 49.40 | 16.03 |
|        | -9.8              | -11      | 56.90                     | 19.46 | 56.90 | 18.72 | 56.70 | 18.10 | 54.90 | 16.66 | 53.10 | 15.73 | 49.40 | 15.39 |
|        | -9.5              | -10      | 57.20                     | 19.34 | 57.20 | 18.60 | 56.70 | 17.89 | 54.90 | 16.47 | 53.10 | 15.64 | 49.40 | 15.29 |
|        | -8.5              | -9.1     | 58.40                     | 18.94 | 58.40 | 18.22 | 56.70 | 17.22 | 54.90 | 15.91 | 53.10 | 15.32 | 49.40 | 14.98 |
|        | -7                | -7.6     | 61.00                     | 18.32 | 60.30 | 17.49 | 56.70 | 16.22 | 54.90 | 15.44 | 53.10 | 14.86 | 49.40 | 14.50 |
|        | -5                | -5.6     | 63.80                     | 17.55 | 60.30 | 16.14 | 56.70 | 15.56 | 54.90 | 14.81 | 53.10 | 14.25 | 49.40 | 13.89 |
|        | -3                | -3.7     | 64.00                     | 16.36 | 60.30 | 15.33 | 56.70 | 14.90 | 54.90 | 14.19 | 53.10 | 13.65 | 49.40 | 13.28 |
|        | 0                 | -0.7     | 64.00                     | 14.79 | 60.30 | 14.27 | 56.70 | 13.91 | 54.90 | 13.26 | 53.10 | 12.73 | 49.40 | 12.36 |
|        | 3                 | 2.2      | 64.00                     | 13.68 | 60.30 | 13.21 | 56.70 | 12.92 | 54.90 | 12.34 | 53.10 | 11.83 | 49.40 | 11.43 |
|        | 5                 | 4.1      | 60.60                     | 11.78 | 56.90 | 11.36 | 53.20 | 11.08 | 51.40 | 10.56 | 49.60 | 10.09 | 45.80 | 9.67  |
|        | 7                 | 6        | 57.10                     | 10.06 | 53.30 | 9.66  | 49.60 | 9.40  | 47.80 | 8.95  | 46.00 | 8.52  | 42.20 | 8.09  |
|        | 9                 | 7.9      | 53.40                     | 8.53  | 49.60 | 8.16  | 45.90 | 7.91  | 44.10 | 7.50  | 42.20 | 7.12  | 38.40 | 6.72  |
|        | 11                | 9.8      | 49.70                     | 7.22  | 45.90 | 6.87  | 42.10 | 6.62  | 40.20 | 6.27  | 38.30 | 5.92  | 34.50 | 5.55  |
|        | 13                | 11.8     | 45.80                     | 6.03  | 41.90 | 5.70  | 38.20 | 5.46  | 36.30 | 5.15  | 34.30 | 4.86  | 30.40 | 4.51  |
|        | 15                | 13.7     | 41.70                     | 4.95  | 37.90 | 4.66  | 34.10 | 4.43  | 32.10 | 4.17  | 30.20 | 3.91  | 26.20 | 3.61  |
| 90     | -30               | -30.2    | 23.10                     | 17.43 | 23.10 | 17.67 | 23.00 | 17.84 | 23.00 | 17.92 | 23.00 | 18.08 | 22.50 | 20.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 38.50                     | 17.79 | 38.50 | 18.03 | 38.30 | 18.19 | 38.30 | 18.28 | 38.30 | 18.43 | 37.50 | 18.67 |
|        | -21.8             | -22      | 45.60                     | 17.99 | 45.60 | 18.23 | 45.30 | 18.40 | 45.30 | 18.48 | 45.30 | 18.64 | 44.50 | 17.81 |
|        | -19.8             | -20      | 47.50                     | 18.13 | 47.50 | 18.36 | 47.20 | 18.53 | 47.20 | 18.61 | 47.20 | 18.04 | 45.20 | 16.80 |
|        | -18.8             | -19      | 48.70                     | 18.20 | 48.40 | 18.43 | 48.20 | 18.60 | 48.20 | 18.31 | 48.20 | 17.75 | 45.20 | 16.23 |
|        | -16.7             | -17      | 50.30                     | 18.34 | 50.30 | 18.58 | 50.10 | 17.97 | 50.10 | 17.67 | 48.70 | 16.68 | 45.20 | 15.52 |
|        | -15               | -15.9    | 51.90                     | 18.44 | 51.90 | 18.11 | 51.50 | 17.52 | 50.30 | 16.82 | 48.70 | 16.04 | 45.20 | 15.11 |
|        | -13.7             | -15      | 53.40                     | 18.54 | 53.40 | 17.64 | 51.90 | 16.75 | 50.30 | 15.94 | 48.70 | 15.43 | 45.20 | 14.71 |
|        | -11.8             | -13      | 55.10                     | 17.90 | 54.80 | 17.05 | 51.90 | 15.70 | 50.30 | 15.37 | 48.70 | 14.91 | 45.20 | 14.20 |
|        | -9.8              | -11      | 56.90                     | 17.23 | 55.10 | 15.91 | 51.90 | 15.10 | 50.30 | 14.80 | 48.70 | 14.35 | 45.20 | 13.67 |
|        | -9.5              | -10      | 57.20                     | 17.13 | 55.10 | 15.74 | 51.90 | 15.02 | 50.30 | 14.72 | 48.70 | 14.27 | 45.20 | 13.59 |
|        | -8.5              | -9.1     | 58.40                     | 16.80 | 55.10 | 15.24 | 51.90 | 14.74 | 50.30 | 14.43 | 48.70 | 14.00 | 45.20 | 13.32 |
|        | -7                | -7.6     | 58.60                     | 15.64 | 55.10 | 14.77 | 51.90 | 14.32 | 50.30 | 14.01 | 48.70 | 13.59 | 45.20 | 12.92 |
|        | -5                | -5.6     | 58.60                     | 14.84 | 55.10 | 14.21 | 51.90 | 13.78 | 50.30 | 13.46 | 48.70 | 13.05 | 45.20 | 12.40 |
|        | -3                | -3.7     | 58.60                     | 14.23 | 55.10 | 13.65 | 51.90 | 13.24 | 50.30 | 12.91 | 48.70 | 12.52 | 45.20 | 11.88 |
|        | 0                 | -0.7     | 58.60                     | 13.30 | 55.10 | 12.80 | 51.90 | 12.42 | 50.30 | 12.09 | 48.70 | 11.73 | 45.20 | 11.10 |
|        | 3                 | 2.2      | 58.60                     | 12.39 | 55.10 | 11.94 | 51.90 | 11.61 | 50.30 | 11.26 | 48.70 | 10.93 | 45.20 | 10.34 |
|        | 5                 | 4.1      | 55.50                     | 10.75 | 52.00 | 10.35 | 48.70 | 10.02 | 47.10 | 9.68  | 45.50 | 9.36  | 41.90 | 8.80  |
|        | 7                 | 6        | 52.20                     | 9.23  | 48.70 | 8.88  | 45.40 | 8.57  | 43.80 | 8.24  | 42.10 | 7.95  | 38.60 | 7.41  |
|        | 9                 | 7.9      | 48.90                     | 7.90  | 45.40 | 7.57  | 42.00 | 7.27  | 40.40 | 6.97  | 38.70 | 6.70  | 35.10 | 6.21  |
|        | 11                | 9.8      | 45.50                     | 6.69  | 41.90 | 6.38  | 38.50 | 6.09  | 36.90 | 5.82  | 35.20 | 5.59  | 31.60 | 5.14  |
|        | 13                | 11.8     | 41.90                     | 5.60  | 38.30 | 5.31  | 34.90 | 5.05  | 33.20 | 4.81  | 31.50 | 4.60  | 27.80 | 4.20  |
|        | 15                | 13.7     | 38.20                     | 4.64  | 34.60 | 4.38  | 31.20 | 4.14  | 29.40 | 3.93  | 27.70 | 3.75  | 24.00 | 3.41  |
| 80     | -30               | -30.2    | 23.00                     | 15.34 | 23.00 | 15.58 | 22.80 | 15.75 | 22.80 | 15.56 | 22.80 | 17.91 | 22.40 | 17.12 |
|        | -24.8             | -25      | 38.30                     | 15.70 | 38.30 | 15.94 | 38.00 | 16.11 | 38.00 | 16.19 | 38.00 | 16.59 | 37.30 | 15.86 |
|        | -21.8             | -22      | 45.20                     | 15.91 | 45.20 | 16.15 | 45.20 | 16.32 | 45.00 | 16.48 | 43.40 | 15.19 | 40.40 | 14.36 |
|        | -19.8             | -20      | 47.00                     | 16.05 | 47.00 | 16.29 | 46.40 | 16.32 | 45.00 | 15.33 | 43.40 | 14.54 | 40.40 | 13.90 |
|        | -18.8             | -19      | 48.00                     | 16.12 | 48.00 | 16.52 | 46.40 | 15.74 | 45.00 | 14.95 | 43.40 | 14.30 | 40.40 | 13.68 |
|        | -16.7             | -17      | 48.90                     | 16.50 | 48.90 | 15.95 | 46.40 | 14.89 | 45.00 | 14.42 | 43.40 | 13.80 | 40.40 | 13.20 |
|        | -15               | -15.9    | 50.00                     | 16.08 | 49.40 | 15.51 | 46.40 | 14.50 | 45.00 | 14.04 | 43.40 | 13.45 | 40.40 | 12.85 |
|        | -13.7             | -15      | 51.10                     | 15.67 | 49.40 | 14.92 | 46.40 | 14.12 | 45.00 | 13.66 | 43.40 | 13.09 | 40.40 | 12.51 |
|        | -11.8             | -13      | 52.40                     | 15.02 | 49.40 | 14.12 | 46.40 | 13.63 | 45.00 | 13.18 | 43.40 | 12.64 | 40.40 | 12.08 |
|        | -9.8              | -11      | 52.40                     | 14.10 | 49.40 | 13.46 | 46.40 | 13.13 | 45.00 | 12.68 | 43.40 | 12.16 | 40.40 | 11.62 |
|        | -9.5              | -10      | 52.40                     | 13.94 | 49.40 | 13.30 | 46.40 | 13.05 | 45.00 | 12.61 | 43.40 | 12.09 | 40.40 | 11.56 |
|        | -8.5              | -9.1     | 52.40                     | 13.57 | 49.40 | 13.05 | 46.40 | 12.80 | 45.00 | 12.36 | 43.40 | 11.86 | 40.40 | 11.33 |
|        | -7                | -7.6     | 52.40                     | 13.09 | 49.40 | 12.68 | 46.40 | 12.41 | 45.00 | 11.98 | 43.40 | 11.51 | 40.40 | 11.00 |
|        | -5                | -5.6     | 52.40                     | 12.58 | 49.40 | 12.18 | 46.40 | 11.93 | 45.00 | 11.50 | 43.40 | 11.05 | 40.40 | 10.56 |
|        | -3                | -3.7     | 52.40                     | 12.07 | 49.40 | 11.69 | 46.40 | 11.43 | 45.00 | 11.02 | 43.40 | 10.60 | 40.40 | 10.12 |
|        | 0                 | -0.7     | 52.40                     | 11.30 | 49.40 | 10.96 | 46.40 | 10.70 | 45.00 | 10.29 | 43.40 | 9.91  | 40.40 | 9.47  |
|        | 3                 | 2.2      | 52.40                     | 10.54 | 49.40 | 10.23 | 46.40 | 9.96  | 45.00 | 9.57  | 43.40 | 9.23  | 40.40 | 8.82  |
|        | 5                 | 4.1      | 49.60                     | 9.17  | 46.60 | 8.87  | 43.60 | 8.60  | 42.10 | 8.22  | 40.50 | 7.93  | 37.50 | 7.53  |
|        | 7                 | 6        | 46.70                     | 7.92  | 43.70 | 7.63  | 40.60 | 7.35  | 39.20 | 7.01  | 37.60 | 6.75  | 34.50 | 6.37  |
|        | 9                 | 7.9      | 43.70                     | 6.72  | 40.70 | 6.45  | 37.60 | 6.19  | 36.10 | 5.88  | 34.50 | 5.65  | 31.40 | 5.31  |
|        | 11                | 9.8      | 40.70                     | 5.61  | 37.60 | 5.36  | 34.50 | 5.11  | 33.00 | 4.85  | 31.30 | 4.65  | 28.20 | 4.34  |
|        | 13                | 11.8     | 37.50                     | 4.67  | 34.40 | 4.45  | 31.20 | 4.22  | 29.70 | 4.00  | 28.10 | 3.82  | 24.90 | 3.54  |
|        | 15                | 13.7     | 34.20                     | 3.90  | 31.00 | 3.70  | 27.90 | 3.49  | 26.30 | 3.30  | 24.70 | 3.14  | 21.50 | 2.90  |
| 70     | -30               | -30.2    | 23.00                     | 15.39 | 23.00 | 15.46 | 22.80 | 15.63 | 22.80 | 17.66 | 22.80 | 16.78 | 21.80 | 16.00 |
|        | -24.8             | -25      | 38.30                     | 15.76 | 38.30 | 15.83 | 38.00 | 15.99 | 38.00 | 16.23 | 37.00 | 15.02 | 34.50 | 13.95 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 41.90                     | 15.96 | 41.90 | 16.04 | 39.50 | 15.37 | 38.20 | 14.63 | 37.00 | 13.93 | 34.50 | 13.24 |
|        | -19.8             | -20      | 44.30                     | 16.10 | 42.00 | 15.36 | 39.50 | 14.82 | 38.20 | 14.10 | 37.00 | 13.43 | 34.50 | 12.78 |
|        | -18.8             | -19      | 44.50                     | 15.81 | 42.00 | 15.07 | 39.50 | 14.55 | 38.20 | 13.85 | 37.00 | 13.20 | 34.50 | 12.55 |
|        | -16.7             | -17      | 44.50                     | 14.76 | 42.00 | 14.48 | 39.50 | 13.98 | 38.20 | 13.30 | 37.00 | 12.69 | 34.50 | 12.06 |
|        | -15               | -15.9    | 44.50                     | 14.34 | 42.00 | 14.06 | 39.50 | 13.57 | 38.20 | 12.91 | 37.00 | 12.33 | 34.50 | 11.72 |
|        | -13.7             | -15      | 44.50                     | 13.92 | 42.00 | 13.64 | 39.50 | 13.17 | 38.20 | 12.53 | 37.00 | 11.97 | 34.50 | 11.37 |
|        | -11.8             | -13      | 44.50                     | 13.39 | 42.00 | 13.10 | 39.50 | 12.65 | 38.20 | 12.04 | 37.00 | 11.52 | 34.50 | 10.93 |
|        | -9.8              | -11      | 44.50                     | 12.84 | 42.00 | 12.55 | 39.50 | 12.12 | 38.20 | 11.54 | 37.00 | 11.04 | 34.50 | 10.47 |
|        | -9.5              | -10      | 44.50                     | 12.75 | 42.00 | 12.46 | 39.50 | 12.04 | 38.20 | 11.46 | 37.00 | 10.97 | 34.50 | 10.40 |
|        | -8.5              | -9.1     | 44.50                     | 12.48 | 42.00 | 12.19 | 39.50 | 11.77 | 38.20 | 11.21 | 37.00 | 10.73 | 34.50 | 10.17 |
|        | -7                | -7.6     | 44.50                     | 12.07 | 42.00 | 11.76 | 39.50 | 11.36 | 38.20 | 10.83 | 37.00 | 10.38 | 34.50 | 9.83  |
|        | -5                | -5.6     | 44.50                     | 11.53 | 42.00 | 11.23 | 39.50 | 10.85 | 38.20 | 10.33 | 37.00 | 9.91  | 34.50 | 9.38  |
|        | -3                | -3.7     | 44.50                     | 10.99 | 42.00 | 10.68 | 39.50 | 10.32 | 38.20 | 9.83  | 37.00 | 9.45  | 34.50 | 8.94  |
|        | 0                 | -0.7     | 44.50                     | 10.18 | 42.00 | 9.87  | 39.50 | 9.54  | 38.20 | 9.09  | 37.00 | 8.75  | 34.50 | 8.27  |
|        | 3                 | 2.2      | 44.50                     | 9.38  | 42.00 | 9.06  | 39.50 | 8.75  | 38.20 | 8.34  | 37.00 | 8.06  | 34.50 | 7.60  |
|        | 5                 | 4.1      | 42.10                     | 8.10  | 39.60 | 7.79  | 37.10 | 7.49  | 35.80 | 7.14  | 34.50 | 6.89  | 32.00 | 6.45  |
|        | 7                 | 6        | 39.70                     | 6.95  | 37.10 | 6.62  | 34.60 | 6.36  | 33.30 | 6.04  | 32.00 | 5.83  | 29.50 | 5.43  |
|        | 9                 | 7.9      | 37.10                     | 5.69  | 34.60 | 5.41  | 32.00 | 5.17  | 30.70 | 4.90  | 29.40 | 4.73  | 26.80 | 4.37  |
|        | 11                | 9.8      | 34.50                     | 4.79  | 31.90 | 4.52  | 29.30 | 4.31  | 28.00 | 4.07  | 26.70 | 3.92  | 24.10 | 3.61  |
|        | 13                | 11.8     | 31.80                     | 4.02  | 29.20 | 3.79  | 26.60 | 3.60  | 25.20 | 3.39  | 23.90 | 3.26  | 21.30 | 2.98  |
|        | 15                | 13.7     | 29.00                     | 3.39  | 26.40 | 3.18  | 23.70 | 3.00  | 22.40 | 2.83  | 21.00 | 2.71  | 18.30 | 2.47  |
| 60     | -30               | -30.2    | 21.60                     | 15.25 | 21.60 | 15.42 | 21.40 | 17.57 | 20.70 | 16.60 | 20.00 | 15.71 | 18.70 | 14.93 |
|        | -24.8             | -25      | 35.90                     | 15.62 | 35.90 | 15.79 | 33.90 | 15.21 | 32.70 | 14.40 | 31.60 | 13.64 | 29.60 | 12.94 |
|        | -21.8             | -22      | 38.20                     | 15.72 | 36.10 | 15.18 | 33.90 | 14.37 | 32.70 | 13.62 | 31.60 | 12.92 | 29.60 | 12.23 |
|        | -19.8             | -20      | 38.20                     | 15.16 | 36.10 | 14.59 | 33.90 | 13.82 | 32.70 | 13.10 | 31.60 | 12.43 | 29.60 | 11.76 |
|        | -18.8             | -19      | 38.20                     | 14.86 | 36.10 | 14.29 | 33.90 | 13.54 | 32.70 | 12.84 | 31.60 | 12.18 | 29.60 | 11.53 |
|        | -16.7             | -17      | 38.20                     | 14.23 | 36.10 | 13.68 | 33.90 | 12.96 | 32.70 | 12.30 | 31.60 | 11.67 | 29.60 | 11.04 |
|        | -15               | -15.9    | 38.20                     | 13.79 | 36.10 | 13.24 | 33.90 | 12.55 | 32.70 | 11.92 | 31.60 | 11.31 | 29.60 | 10.69 |
|        | -13.7             | -15      | 38.20                     | 13.35 | 36.10 | 12.80 | 33.90 | 12.14 | 32.70 | 11.53 | 31.60 | 10.95 | 29.60 | 10.34 |
|        | -11.8             | -13      | 38.20                     | 12.78 | 36.10 | 12.25 | 33.90 | 11.62 | 32.70 | 11.04 | 31.60 | 10.50 | 29.60 | 9.91  |
|        | -9.8              | -11      | 38.20                     | 12.20 | 36.10 | 11.67 | 33.90 | 11.07 | 32.70 | 10.53 | 31.60 | 10.01 | 29.60 | 9.44  |
|        | -9.5              | -10      | 38.20                     | 12.11 | 36.10 | 11.59 | 33.90 | 10.99 | 32.70 | 10.45 | 31.60 | 9.94  | 29.60 | 9.37  |
|        | -8.5              | -9.1     | 38.20                     | 11.82 | 36.10 | 11.30 | 33.90 | 10.72 | 32.70 | 10.20 | 31.60 | 9.70  | 29.60 | 9.14  |
|        | -7                | -7.6     | 38.20                     | 11.38 | 36.10 | 10.87 | 33.90 | 10.31 | 32.70 | 9.82  | 31.60 | 9.34  | 29.60 | 8.80  |
|        | -5                | -5.6     | 38.20                     | 10.81 | 36.10 | 10.30 | 33.90 | 9.78  | 32.70 | 9.32  | 31.60 | 8.88  | 29.60 | 8.35  |
|        | -3                | -3.7     | 38.20                     | 10.24 | 36.10 | 9.73  | 33.90 | 9.25  | 32.70 | 8.82  | 31.60 | 8.41  | 29.60 | 7.90  |
|        | 0                 | -0.7     | 38.20                     | 9.38  | 36.10 | 8.89  | 33.90 | 8.45  | 32.70 | 8.08  | 31.60 | 7.71  | 29.60 | 7.22  |
|        | 3                 | 2.2      | 38.20                     | 8.53  | 36.10 | 8.05  | 33.90 | 7.66  | 32.70 | 7.33  | 31.60 | 7.01  | 29.60 | 6.55  |
|        | 5                 | 4.1      | 36.20                     | 7.32  | 34.00 | 6.86  | 31.80 | 6.51  | 30.60 | 6.23  | 29.50 | 5.96  | 27.50 | 5.53  |
|        | 7                 | 6        | 34.10                     | 6.21  | 31.90 | 5.79  | 29.70 | 5.48  | 28.50 | 5.24  | 27.30 | 5.01  | 25.30 | 4.62  |
|        | 9                 | 7.9      | 31.90                     | 5.06  | 29.70 | 4.69  | 27.50 | 4.42  | 26.30 | 4.24  | 25.10 | 4.03  | 23.00 | 3.70  |
|        | 11                | 9.8      | 29.60                     | 4.28  | 27.50 | 3.97  | 25.20 | 3.72  | 24.00 | 3.56  | 22.80 | 3.38  | 20.70 | 3.09  |
|        | 13                | 11.8     | 27.30                     | 3.63  | 25.10 | 3.34  | 22.80 | 3.14  | 21.60 | 2.98  | 20.40 | 2.84  | 18.20 | 2.59  |
|        | 15                | 13.7     | 24.90                     | 3.08  | 22.70 | 2.84  | 20.40 | 2.66  | 19.10 | 2.52  | 18.00 | 2.39  | 15.70 | 2.17  |
| 50     | -30               | -30.2    | 20.10                     | 13.24 | 19.00 | 15.19 | 17.80 | 14.37 | 17.30 | 13.60 | 16.70 | 12.84 | 15.60 | 12.20 |
|        | -24.8             | -25      | 31.80                     | 12.92 | 30.00 | 13.14 | 28.20 | 12.44 | 27.30 | 11.78 | 26.40 | 11.15 | 24.60 | 10.57 |
|        | -21.8             | -22      | 31.80                     | 13.12 | 30.00 | 12.42 | 28.20 | 11.75 | 27.30 | 11.13 | 26.40 | 10.55 | 24.60 | 10.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |      |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |      |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI   |
| 50     | -19.8             | -20      | 31.80                     | 12.61 | 30.00 | 11.93 | 28.20 | 11.30 | 27.30 | 10.70 | 26.40 | 10.16 | 24.60 | 9.61 |
|        | -18.8             | -19      | 31.80                     | 12.35 | 30.00 | 11.68 | 28.20 | 11.08 | 27.30 | 10.49 | 26.40 | 9.96  | 24.60 | 9.43 |
|        | -16.7             | -17      | 31.80                     | 11.82 | 30.00 | 11.18 | 28.20 | 10.60 | 27.30 | 10.05 | 26.40 | 9.54  | 24.60 | 9.02 |
|        | -15               | -15.9    | 31.80                     | 11.44 | 30.00 | 10.81 | 28.20 | 10.26 | 27.30 | 9.73  | 26.40 | 9.24  | 24.60 | 8.73 |
|        | -13.7             | -15      | 31.80                     | 11.06 | 30.00 | 10.45 | 28.20 | 9.93  | 27.30 | 9.41  | 26.40 | 8.94  | 24.60 | 8.45 |
|        | -11.8             | -13      | 31.80                     | 10.59 | 30.00 | 10.00 | 28.20 | 9.49  | 27.30 | 9.00  | 26.40 | 8.57  | 24.60 | 8.10 |
|        | -9.8              | -11      | 31.80                     | 10.08 | 30.00 | 9.52  | 28.20 | 9.05  | 27.30 | 8.58  | 26.40 | 8.18  | 24.60 | 7.71 |
|        | -9.5              | -10      | 31.80                     | 10.01 | 30.00 | 9.45  | 28.20 | 8.98  | 27.30 | 8.52  | 26.40 | 8.11  | 24.60 | 7.66 |
|        | -8.5              | -9.1     | 31.80                     | 9.76  | 30.00 | 9.21  | 28.20 | 8.76  | 27.30 | 8.31  | 26.40 | 7.92  | 24.60 | 7.47 |
|        | -7                | -7.6     | 31.80                     | 9.39  | 30.00 | 8.85  | 28.20 | 8.43  | 27.30 | 7.98  | 26.40 | 7.63  | 24.60 | 7.19 |
|        | -5                | -5.6     | 31.80                     | 8.90  | 30.00 | 8.39  | 28.20 | 7.99  | 27.30 | 7.58  | 26.40 | 7.25  | 24.60 | 6.83 |
|        | -3                | -3.7     | 31.80                     | 8.41  | 30.00 | 7.92  | 28.20 | 7.55  | 27.30 | 7.17  | 26.40 | 6.87  | 24.60 | 6.45 |
|        | 0                 | -0.7     | 31.80                     | 7.68  | 30.00 | 7.22  | 28.20 | 6.91  | 27.30 | 6.55  | 26.40 | 6.29  | 24.60 | 5.91 |
|        | 3                 | 2.2      | 31.80                     | 6.94  | 30.00 | 6.52  | 28.20 | 6.25  | 27.30 | 5.93  | 26.40 | 5.72  | 24.60 | 5.36 |
|        | 5                 | 4.1      | 30.10                     | 5.95  | 28.30 | 5.57  | 26.50 | 5.34  | 25.60 | 5.06  | 24.70 | 4.88  | 22.80 | 4.55 |
|        | 7                 | 6        | 28.40                     | 5.06  | 26.50 | 4.72  | 24.70 | 4.53  | 23.80 | 4.28  | 22.80 | 4.13  | 21.00 | 3.82 |
|        | 9                 | 7.9      | 26.50                     | 4.20  | 24.70 | 3.89  | 22.80 | 3.73  | 21.90 | 3.52  | 21.00 | 3.39  | 19.10 | 3.13 |
|        | 11                | 9.8      | 24.70                     | 3.59  | 22.80 | 3.32  | 20.90 | 3.17  | 20.00 | 2.99  | 19.10 | 2.88  | 17.20 | 2.64 |
|        | 13                | 11.8     | 22.70                     | 3.07  | 20.90 | 2.84  | 19.00 | 2.70  | 18.00 | 2.55  | 17.10 | 2.45  | 15.20 | 2.24 |
|        | 15                | 13.7     | 20.70                     | 2.64  | 18.80 | 2.44  | 16.90 | 2.31  | 16.00 | 2.18  | 15.00 | 2.10  | 13.10 | 1.92 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM200LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 25.00                     | 21.77 | 25.00 | 21.84 | 24.80 | 21.91 | 24.80 | 22.00 | 24.80 | 22.11 | 24.30 | 22.23 |
|        | -24.8             | -25      | 41.60                     | 21.95 | 41.60 | 22.02 | 41.30 | 22.08 | 41.30 | 22.18 | 41.30 | 22.27 | 40.60 | 22.40 |
|        | -21.8             | -22      | 50.60                     | 22.05 | 50.60 | 22.12 | 50.30 | 22.19 | 50.30 | 22.28 | 50.30 | 22.36 | 49.30 | 22.51 |
|        | -19.8             | -20      | 53.40                     | 22.12 | 53.40 | 22.19 | 53.00 | 22.25 | 53.00 | 22.34 | 53.00 | 22.43 | 52.00 | 22.57 |
|        | -18.8             | -19      | 54.50                     | 22.14 | 54.50 | 22.22 | 54.20 | 22.28 | 54.20 | 22.37 | 54.20 | 22.46 | 53.10 | 22.60 |
|        | -16.7             | -17      | 56.90                     | 22.22 | 56.90 | 22.29 | 56.60 | 22.35 | 56.60 | 22.44 | 56.60 | 22.52 | 55.50 | 22.67 |
|        | -15               | -15.9    | 58.60                     | 22.26 | 58.60 | 22.33 | 58.30 | 22.39 | 58.30 | 22.48 | 58.30 | 22.57 | 57.20 | 22.73 |
|        | -13.7             | -15      | 60.40                     | 22.32 | 60.40 | 22.38 | 60.10 | 22.44 | 60.10 | 22.53 | 60.10 | 22.63 | 58.90 | 21.80 |
|        | -11.8             | -13      | 62.40                     | 22.37 | 62.40 | 22.44 | 61.90 | 22.51 | 61.90 | 22.60 | 61.90 | 22.69 | 61.00 | 21.25 |
|        | -9.8              | -11      | 64.40                     | 22.44 | 64.40 | 22.51 | 64.10 | 22.57 | 64.10 | 21.99 | 64.10 | 21.44 | 63.20 | 20.68 |
|        | -9.5              | -10      | 64.80                     | 22.45 | 64.80 | 22.51 | 64.40 | 22.47 | 64.40 | 21.90 | 64.40 | 21.35 | 63.50 | 20.60 |
|        | -8.5              | -9.1     | 66.10                     | 22.48 | 66.10 | 22.55 | 65.60 | 22.16 | 65.60 | 21.59 | 65.30 | 21.05 | 64.70 | 20.31 |
|        | -7                | -7.6     | 68.00                     | 22.53 | 68.00 | 22.10 | 67.50 | 21.70 | 67.50 | 21.13 | 67.50 | 20.60 | 66.40 | 19.88 |
|        | -5                | -5.6     | 70.40                     | 21.98 | 70.40 | 21.53 | 70.00 | 21.12 | 70.00 | 20.56 | 70.00 | 20.02 | 68.60 | 19.34 |
|        | -3                | -3.7     | 72.90                     | 21.43 | 72.90 | 20.95 | 72.50 | 20.52 | 72.50 | 19.97 | 72.50 | 19.44 | 70.80 | 18.79 |
|        | 0                 | -0.7     | 76.60                     | 20.62 | 76.60 | 20.11 | 76.20 | 19.63 | 76.20 | 19.10 | 76.20 | 18.58 | 71.10 | 17.22 |
|        | 3                 | 2.2      | 80.40                     | 19.80 | 80.40 | 19.25 | 79.90 | 18.76 | 79.20 | 18.07 | 76.40 | 16.95 | 71.10 | 16.28 |
|        | 5                 | 4.1      | 77.10                     | 17.30 | 76.80 | 16.70 | 76.20 | 16.24 | 74.20 | 15.36 | 71.30 | 14.68 | 66.00 | 14.14 |
|        | 7                 | 6        | 72.60                     | 14.83 | 72.00 | 14.24 | 71.10 | 13.73 | 69.00 | 13.15 | 66.10 | 12.69 | 60.70 | 12.15 |
|        | 9                 | 7.9      | 67.90                     | 12.97 | 67.00 | 12.39 | 65.80 | 11.85 | 63.60 | 11.40 | 60.70 | 10.96 | 55.30 | 10.42 |
|        | 11                | 9.8      | 63.20                     | 11.41 | 61.90 | 10.83 | 60.30 | 10.30 | 58.00 | 9.87  | 55.20 | 9.45  | 49.60 | 8.90  |
|        | 13                | 11.8     | 58.20                     | 9.90  | 56.60 | 9.35  | 54.60 | 8.81  | 52.30 | 8.42  | 49.40 | 8.02  | 43.80 | 7.47  |
|        | 15                | 13.7     | 53.10                     | 8.48  | 51.10 | 7.94  | 48.80 | 7.42  | 46.40 | 7.06  | 43.40 | 6.69  | 37.80 | 6.15  |
| 120    | -30               | -30.2    | 24.80                     | 21.84 | 24.80 | 21.91 | 24.60 | 22.00 | 24.60 | 22.11 | 24.60 | 22.23 | 24.10 | 22.35 |
|        | -24.8             | -25      | 41.30                     | 22.02 | 41.30 | 22.08 | 41.00 | 22.18 | 41.00 | 22.27 | 41.00 | 22.40 | 40.20 | 22.51 |
|        | -21.8             | -22      | 50.30                     | 22.12 | 50.30 | 22.19 | 49.90 | 22.28 | 49.90 | 22.36 | 49.90 | 22.51 | 49.00 | 22.60 |
|        | -19.8             | -20      | 53.00                     | 22.19 | 53.00 | 22.25 | 52.70 | 22.34 | 52.70 | 22.43 | 52.70 | 22.57 | 51.60 | 22.66 |
|        | -18.8             | -19      | 54.20                     | 22.22 | 54.20 | 22.28 | 53.80 | 22.37 | 53.80 | 22.46 | 53.80 | 22.60 | 52.80 | 22.70 |
|        | -16.7             | -17      | 56.60                     | 22.29 | 56.60 | 22.35 | 56.20 | 22.44 | 56.20 | 22.52 | 56.20 | 22.67 | 55.10 | 22.13 |
|        | -15               | -15.9    | 58.30                     | 22.33 | 58.30 | 22.39 | 57.90 | 22.48 | 57.90 | 22.57 | 57.90 | 22.71 | 56.80 | 21.73 |
|        | -13.7             | -15      | 59.90                     | 22.38 | 59.90 | 22.44 | 59.60 | 22.53 | 59.60 | 22.63 | 59.60 | 21.83 | 58.50 | 21.34 |
|        | -11.8             | -13      | 61.90                     | 22.44 | 61.90 | 22.51 | 61.50 | 22.60 | 61.50 | 22.69 | 61.50 | 21.32 | 60.60 | 20.83 |
|        | -9.8              | -11      | 63.90                     | 22.51 | 63.90 | 22.57 | 63.50 | 21.96 | 63.50 | 21.43 | 63.50 | 20.77 | 62.80 | 20.31 |
|        | -9.5              | -10      | 64.40                     | 22.51 | 64.40 | 22.47 | 63.90 | 21.87 | 63.90 | 21.34 | 63.90 | 20.68 | 63.10 | 20.23 |
|        | -8.5              | -9.1     | 65.50                     | 22.55 | 65.50 | 22.13 | 65.20 | 21.55 | 65.20 | 21.04 | 65.20 | 20.41 | 64.30 | 19.96 |
|        | -7                | -7.6     | 67.40                     | 22.06 | 67.40 | 21.63 | 67.00 | 21.08 | 67.00 | 20.58 | 67.00 | 20.00 | 65.80 | 19.56 |
|        | -5                | -5.6     | 70.00                     | 21.42 | 70.00 | 20.99 | 69.40 | 20.46 | 69.40 | 19.99 | 69.40 | 19.48 | 66.80 | 18.68 |
|        | -3                | -3.7     | 72.40                     | 20.79 | 72.40 | 20.36 | 72.00 | 19.86 | 72.00 | 19.41 | 71.90 | 18.95 | 66.80 | 17.62 |
|        | 0                 | -0.7     | 76.10                     | 19.85 | 76.10 | 19.40 | 75.60 | 18.95 | 74.20 | 18.19 | 71.90 | 17.27 | 66.80 | 16.91 |
|        | 3                 | 2.2      | 79.90                     | 18.90 | 79.90 | 18.44 | 76.80 | 17.46 | 74.20 | 16.77 | 71.90 | 16.51 | 66.80 | 16.19 |
|        | 5                 | 4.1      | 76.50                     | 16.44 | 75.30 | 15.77 | 72.10 | 15.03 | 69.50 | 14.70 | 67.10 | 14.48 | 62.00 | 14.12 |
|        | 7                 | 6        | 72.00                     | 14.00 | 70.60 | 13.45 | 67.20 | 13.06 | 64.60 | 12.75 | 62.20 | 12.56 | 57.00 | 12.18 |
|        | 9                 | 7.9      | 67.40                     | 12.25 | 65.80 | 11.76 | 62.20 | 11.36 | 59.60 | 11.05 | 57.20 | 10.84 | 51.90 | 10.44 |
|        | 11                | 9.8      | 62.70                     | 10.76 | 60.80 | 10.27 | 57.00 | 9.85  | 54.40 | 9.55  | 51.90 | 9.34  | 46.60 | 8.92  |
|        | 13                | 11.8     | 57.80                     | 9.33  | 55.60 | 8.86  | 51.70 | 8.44  | 49.00 | 8.14  | 46.50 | 7.93  | 41.20 | 7.49  |
|        | 15                | 13.7     | 52.70                     | 7.98  | 50.20 | 7.52  | 46.10 | 7.11  | 43.40 | 6.83  | 40.90 | 6.61  | 35.50 | 6.17  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 24.70                     | 21.91 | 24.70 | 22.00 | 24.50 | 22.11 | 24.50 | 22.23 | 24.50 | 22.35 | 24.00 | 22.37 |
|        | -24.8             | -25      | 41.10                     | 22.08 | 41.10 | 22.18 | 40.80 | 22.27 | 40.80 | 22.40 | 40.80 | 22.51 | 40.00 | 22.55 |
|        | -21.8             | -22      | 49.90                     | 22.19 | 49.90 | 22.28 | 49.60 | 22.36 | 49.60 | 22.51 | 49.60 | 22.60 | 48.70 | 22.65 |
|        | -19.8             | -20      | 52.70                     | 22.25 | 52.70 | 22.34 | 52.40 | 22.43 | 52.40 | 22.57 | 52.40 | 22.66 | 51.30 | 22.71 |
|        | -18.8             | -19      | 53.80                     | 22.28 | 53.80 | 22.37 | 53.50 | 22.46 | 53.50 | 22.60 | 53.50 | 22.70 | 52.50 | 22.41 |
|        | -16.7             | -17      | 56.30                     | 22.35 | 56.30 | 22.44 | 55.80 | 22.52 | 55.80 | 22.67 | 55.80 | 22.09 | 54.80 | 21.79 |
|        | -15               | -15.9    | 57.90                     | 22.39 | 57.90 | 22.48 | 57.50 | 22.57 | 57.50 | 22.21 | 57.50 | 21.66 | 57.00 | 21.34 |
|        | -13.7             | -15      | 59.60                     | 22.44 | 59.60 | 22.53 | 59.20 | 22.63 | 59.20 | 21.75 | 59.20 | 21.23 | 59.20 | 20.90 |
|        | -11.8             | -13      | 61.50                     | 22.51 | 61.50 | 22.60 | 61.20 | 21.98 | 61.20 | 21.18 | 61.20 | 20.68 | 60.10 | 19.97 |
|        | -9.8              | -11      | 63.60                     | 22.57 | 63.60 | 21.88 | 63.20 | 21.31 | 63.20 | 20.57 | 63.20 | 20.11 | 60.10 | 18.91 |
|        | -9.5              | -10      | 63.90                     | 22.45 | 63.90 | 21.77 | 63.60 | 21.21 | 63.60 | 20.49 | 63.60 | 20.02 | 60.10 | 18.67 |
|        | -8.5              | -9.1     | 65.20                     | 22.07 | 65.20 | 21.41 | 64.80 | 20.88 | 64.80 | 20.18 | 64.40 | 19.62 | 60.10 | 18.39 |
|        | -7                | -7.6     | 67.10                     | 21.49 | 67.10 | 20.87 | 66.70 | 20.37 | 66.60 | 19.70 | 64.40 | 18.65 | 60.10 | 17.98 |
|        | -5                | -5.6     | 69.50                     | 20.75 | 69.50 | 20.19 | 68.90 | 19.68 | 66.60 | 18.46 | 64.40 | 17.81 | 60.10 | 17.44 |
|        | -3                | -3.7     | 72.00                     | 20.01 | 72.00 | 19.50 | 68.90 | 18.39 | 66.60 | 17.63 | 64.40 | 17.29 | 60.10 | 16.91 |
|        | 0                 | -0.7     | 75.60                     | 18.90 | 73.40 | 17.92 | 68.90 | 17.21 | 66.60 | 16.80 | 64.40 | 16.51 | 60.10 | 16.10 |
|        | 3                 | 2.2      | 77.70                     | 17.42 | 73.40 | 16.55 | 68.90 | 16.29 | 66.60 | 15.99 | 64.40 | 15.74 | 60.10 | 15.31 |
|        | 5                 | 4.1      | 73.60                     | 14.83 | 69.20 | 14.52 | 64.70 | 14.27 | 62.40 | 14.00 | 60.10 | 13.77 | 55.80 | 13.29 |
|        | 7                 | 6        | 69.30                     | 12.91 | 64.90 | 12.62 | 60.30 | 12.37 | 58.00 | 12.15 | 55.70 | 11.93 | 51.30 | 11.42 |
|        | 9                 | 7.9      | 64.90                     | 11.31 | 60.40 | 11.00 | 55.80 | 10.72 | 53.50 | 10.50 | 51.20 | 10.28 | 46.70 | 9.76  |
|        | 11                | 9.8      | 60.30                     | 9.90  | 55.80 | 9.58  | 51.20 | 9.28  | 48.80 | 9.05  | 46.50 | 8.83  | 42.00 | 8.32  |
|        | 13                | 11.8     | 55.60                     | 8.56  | 51.10 | 8.23  | 46.40 | 7.92  | 44.00 | 7.70  | 41.70 | 7.48  | 37.00 | 6.98  |
|        | 15                | 13.7     | 50.70                     | 7.29  | 46.10 | 6.97  | 41.40 | 6.65  | 39.00 | 6.45  | 36.60 | 6.22  | 31.90 | 5.74  |
| 100    | -30               | -30.2    | 24.50                     | 24.70 | 24.50 | 24.54 | 24.40 | 20.95 | 24.40 | 24.07 | 24.40 | 23.40 | 23.90 | 23.79 |
|        | -24.8             | -25      | 40.90                     | 24.15 | 40.90 | 23.98 | 40.70 | 22.08 | 40.70 | 23.52 | 40.70 | 23.34 | 39.80 | 23.24 |
|        | -21.8             | -22      | 49.70                     | 23.84 | 49.70 | 23.65 | 49.40 | 22.73 | 49.40 | 23.21 | 49.40 | 23.30 | 48.50 | 22.93 |
|        | -19.8             | -20      | 52.50                     | 23.62 | 52.50 | 23.44 | 52.10 | 23.13 | 52.10 | 22.99 | 52.10 | 22.90 | 51.10 | 22.71 |
|        | -18.8             | -19      | 53.60                     | 23.51 | 53.30 | 23.34 | 53.30 | 23.16 | 53.30 | 22.88 | 53.30 | 22.70 | 52.30 | 22.35 |
|        | -16.7             | -17      | 55.60                     | 23.30 | 55.60 | 23.11 | 55.60 | 23.22 | 55.30 | 22.67 | 55.30 | 21.95 | 54.30 | 21.59 |
|        | -15               | -15.9    | 57.50                     | 23.13 | 57.50 | 22.95 | 57.30 | 22.92 | 57.20 | 22.13 | 57.20 | 21.41 | 54.90 | 20.61 |
|        | -13.7             | -15      | 59.30                     | 22.97 | 59.30 | 22.80 | 59.00 | 22.63 | 59.00 | 21.59 | 59.00 | 20.88 | 54.90 | 19.46 |
|        | -11.8             | -13      | 61.20                     | 22.78 | 60.90 | 22.60 | 60.90 | 21.91 | 60.90 | 20.91 | 59.00 | 19.58 | 54.90 | 18.80 |
|        | -9.8              | -11      | 63.30                     | 22.57 | 63.30 | 21.80 | 63.00 | 21.16 | 61.00 | 19.55 | 59.00 | 18.51 | 54.90 | 18.12 |
|        | -9.5              | -10      | 63.60                     | 22.44 | 63.60 | 21.67 | 63.00 | 20.93 | 61.00 | 19.35 | 59.00 | 18.41 | 54.90 | 18.02 |
|        | -8.5              | -9.1     | 64.90                     | 22.03 | 64.90 | 21.28 | 63.00 | 20.16 | 61.00 | 18.72 | 59.00 | 18.07 | 54.90 | 17.67 |
|        | -7                | -7.6     | 67.80                     | 21.40 | 67.00 | 20.52 | 63.00 | 19.07 | 61.00 | 18.21 | 59.00 | 17.57 | 54.90 | 17.16 |
|        | -5                | -5.6     | 70.80                     | 20.60 | 67.00 | 19.04 | 63.00 | 18.39 | 61.00 | 17.56 | 59.00 | 16.93 | 54.90 | 16.51 |
|        | -3                | -3.7     | 71.10                     | 19.34 | 67.00 | 18.17 | 63.00 | 17.71 | 61.00 | 16.91 | 59.00 | 16.28 | 54.90 | 15.85 |
|        | 0                 | -0.7     | 71.10                     | 17.65 | 67.00 | 17.07 | 63.00 | 16.67 | 61.00 | 15.93 | 59.00 | 15.31 | 54.90 | 14.86 |
|        | 3                 | 2.2      | 71.10                     | 16.50 | 67.00 | 15.98 | 63.00 | 15.64 | 61.00 | 14.95 | 59.00 | 14.35 | 54.90 | 13.87 |
|        | 5                 | 4.1      | 67.30                     | 14.45 | 63.20 | 13.94 | 59.10 | 13.61 | 57.10 | 12.99 | 55.10 | 12.42 | 50.90 | 11.90 |
|        | 7                 | 6        | 63.40                     | 12.53 | 59.20 | 12.05 | 55.20 | 11.73 | 53.10 | 11.17 | 51.10 | 10.64 | 46.90 | 10.10 |
|        | 9                 | 7.9      | 59.30                     | 10.94 | 55.20 | 10.48 | 51.00 | 10.15 | 49.00 | 9.63  | 46.90 | 9.14  | 42.70 | 8.62  |
|        | 11                | 9.8      | 55.20                     | 9.56  | 51.00 | 9.09  | 46.80 | 8.76  | 44.70 | 8.28  | 42.60 | 7.83  | 38.30 | 7.33  |
|        | 13                | 11.8     | 50.80                     | 8.24  | 46.60 | 7.80  | 42.40 | 7.46  | 40.30 | 7.03  | 38.20 | 6.62  | 33.80 | 6.14  |
|        | 15                | 13.7     | 46.40                     | 7.00  | 42.10 | 6.59  | 37.80 | 6.25  | 35.70 | 5.88  | 33.60 | 5.50  | 29.20 | 5.06  |
| 90     | -30               | -30.2    | 24.50                     | 21.50 | 24.50 | 21.62 | 24.30 | 21.72 | 24.30 | 21.76 | 24.30 | 21.88 | 23.80 | 23.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 40.80                     | 21.66 | 40.80 | 21.80 | 40.50 | 21.90 | 40.50 | 21.94 | 40.50 | 22.04 | 39.70 | 22.18 |
|        | -21.8             | -22      | 49.50                     | 21.75 | 49.50 | 21.90 | 49.20 | 22.00 | 49.20 | 22.04 | 49.20 | 22.14 | 48.30 | 21.19 |
|        | -19.8             | -20      | 52.30                     | 21.83 | 52.30 | 21.96 | 51.90 | 22.07 | 51.90 | 22.11 | 51.90 | 21.47 | 50.20 | 20.23 |
|        | -18.8             | -19      | 53.60                     | 21.86 | 53.30 | 22.00 | 53.10 | 22.09 | 53.10 | 21.76 | 53.10 | 21.13 | 50.20 | 19.50 |
|        | -16.7             | -17      | 55.60                     | 21.93 | 55.60 | 22.06 | 55.40 | 21.38 | 55.40 | 21.04 | 54.10 | 19.95 | 50.20 | 18.54 |
|        | -15               | -15.9    | 57.50                     | 21.97 | 57.50 | 21.54 | 57.10 | 20.88 | 55.90 | 20.10 | 54.10 | 19.19 | 50.20 | 18.08 |
|        | -13.7             | -15      | 59.30                     | 22.02 | 59.30 | 21.01 | 57.60 | 19.96 | 55.90 | 19.04 | 54.10 | 18.45 | 50.20 | 17.62 |
|        | -11.8             | -13      | 61.20                     | 21.31 | 60.90 | 20.35 | 57.60 | 18.73 | 55.90 | 18.39 | 54.10 | 17.85 | 50.20 | 17.03 |
|        | -9.8              | -11      | 63.30                     | 20.56 | 61.20 | 19.00 | 57.60 | 18.10 | 55.90 | 17.74 | 54.10 | 17.23 | 50.20 | 16.42 |
|        | -9.5              | -10      | 63.60                     | 20.44 | 61.20 | 18.80 | 57.60 | 18.00 | 55.90 | 17.64 | 54.10 | 17.14 | 50.20 | 16.33 |
|        | -8.5              | -9.1     | 64.90                     | 20.07 | 61.20 | 18.26 | 57.60 | 17.69 | 55.90 | 17.33 | 54.10 | 16.82 | 50.20 | 16.02 |
|        | -7                | -7.6     | 65.10                     | 18.72 | 61.20 | 17.74 | 57.60 | 17.21 | 55.90 | 16.85 | 54.10 | 16.35 | 50.20 | 15.56 |
|        | -5                | -5.6     | 65.10                     | 17.83 | 61.20 | 17.11 | 57.60 | 16.60 | 55.90 | 16.22 | 54.10 | 15.75 | 50.20 | 14.98 |
|        | -3                | -3.7     | 65.10                     | 17.15 | 61.20 | 16.47 | 57.60 | 15.99 | 55.90 | 15.60 | 54.10 | 15.14 | 50.20 | 14.38 |
|        | 0                 | -0.7     | 65.10                     | 16.12 | 61.20 | 15.51 | 57.60 | 15.08 | 55.90 | 14.67 | 54.10 | 14.24 | 50.20 | 13.50 |
|        | 3                 | 2.2      | 65.10                     | 15.09 | 61.20 | 14.57 | 57.60 | 14.16 | 55.90 | 13.74 | 54.10 | 13.33 | 50.20 | 12.61 |
|        | 5                 | 4.1      | 61.60                     | 13.24 | 57.70 | 12.76 | 54.10 | 12.36 | 52.30 | 11.94 | 50.50 | 11.55 | 46.60 | 10.85 |
|        | 7                 | 6        | 58.00                     | 11.51 | 54.10 | 11.08 | 50.40 | 10.68 | 48.70 | 10.27 | 46.80 | 9.92  | 42.90 | 9.25  |
|        | 9                 | 7.9      | 54.30                     | 9.95  | 50.40 | 9.53  | 46.70 | 9.15  | 44.90 | 8.76  | 43.00 | 8.43  | 39.00 | 7.81  |
|        | 11                | 9.8      | 50.50                     | 8.50  | 46.50 | 8.11  | 42.80 | 7.74  | 41.00 | 7.40  | 39.10 | 7.09  | 35.00 | 6.52  |
|        | 13                | 11.8     | 46.60                     | 7.19  | 42.60 | 6.82  | 38.80 | 6.47  | 36.90 | 6.16  | 35.00 | 5.89  | 30.90 | 5.36  |
|        | 15                | 13.7     | 42.50                     | 5.99  | 38.40 | 5.65  | 34.60 | 5.32  | 32.70 | 5.05  | 30.80 | 4.80  | 26.70 | 4.34  |
| 80     | -30               | -30.2    | 24.30                     | 18.99 | 24.30 | 19.14 | 24.20 | 19.26 | 24.20 | 19.12 | 24.20 | 21.22 | 23.70 | 20.33 |
|        | -24.8             | -25      | 40.60                     | 19.18 | 40.60 | 19.33 | 40.30 | 19.43 | 40.30 | 19.47 | 40.30 | 19.71 | 39.50 | 18.88 |
|        | -21.8             | -22      | 49.00                     | 19.29 | 49.00 | 19.43 | 49.00 | 19.53 | 49.00 | 19.67 | 48.20 | 18.54 | 44.90 | 17.13 |
|        | -19.8             | -20      | 51.70                     | 19.36 | 51.70 | 19.50 | 51.60 | 19.60 | 50.00 | 18.42 | 48.20 | 17.33 | 44.90 | 16.59 |
|        | -18.8             | -19      | 52.90                     | 19.40 | 52.90 | 19.63 | 51.60 | 18.86 | 50.00 | 17.80 | 48.20 | 17.07 | 44.90 | 16.34 |
|        | -16.7             | -17      | 54.40                     | 19.61 | 54.40 | 18.99 | 51.60 | 17.74 | 50.00 | 17.20 | 48.20 | 16.49 | 44.90 | 15.79 |
|        | -15               | -15.9    | 55.60                     | 19.13 | 54.90 | 18.48 | 51.60 | 17.30 | 50.00 | 16.76 | 48.20 | 16.08 | 44.90 | 15.39 |
|        | -13.7             | -15      | 56.80                     | 18.66 | 54.90 | 17.80 | 51.60 | 16.86 | 50.00 | 16.33 | 48.20 | 15.68 | 44.90 | 15.00 |
|        | -11.8             | -13      | 58.30                     | 18.06 | 54.90 | 16.98 | 51.60 | 16.31 | 50.00 | 15.80 | 48.20 | 15.16 | 44.90 | 14.51 |
|        | -9.8              | -11      | 58.30                     | 16.98 | 54.90 | 16.19 | 51.60 | 15.74 | 50.00 | 15.22 | 48.20 | 14.62 | 44.90 | 13.99 |
|        | -9.5              | -10      | 58.30                     | 16.77 | 54.90 | 16.01 | 51.60 | 15.65 | 50.00 | 15.14 | 48.20 | 14.54 | 44.90 | 13.91 |
|        | -8.5              | -9.1     | 58.30                     | 16.33 | 54.90 | 15.67 | 51.60 | 15.36 | 50.00 | 14.85 | 48.20 | 14.27 | 44.90 | 13.66 |
|        | -7                | -7.6     | 58.30                     | 15.72 | 54.90 | 15.23 | 51.60 | 14.93 | 50.00 | 14.42 | 48.20 | 13.87 | 44.90 | 13.26 |
|        | -5                | -5.6     | 58.30                     | 15.14 | 54.90 | 14.69 | 51.60 | 14.37 | 50.00 | 13.88 | 48.20 | 13.34 | 44.90 | 12.77 |
|        | -3                | -3.7     | 58.30                     | 14.57 | 54.90 | 14.13 | 51.60 | 13.82 | 50.00 | 13.32 | 48.20 | 12.82 | 44.90 | 12.26 |
|        | 0                 | -0.7     | 58.30                     | 13.71 | 54.90 | 13.30 | 51.60 | 12.98 | 50.00 | 12.50 | 48.20 | 12.04 | 44.90 | 11.51 |
|        | 3                 | 2.2      | 58.30                     | 12.85 | 54.90 | 12.47 | 51.60 | 12.14 | 50.00 | 11.67 | 48.20 | 11.27 | 44.90 | 10.77 |
|        | 5                 | 4.1      | 55.20                     | 11.30 | 51.80 | 10.93 | 48.40 | 10.59 | 46.80 | 10.14 | 45.00 | 9.78  | 41.70 | 9.28  |
|        | 7                 | 6        | 52.00                     | 9.85  | 48.50 | 9.49  | 45.20 | 9.14  | 43.50 | 8.72  | 41.70 | 8.39  | 38.30 | 7.93  |
|        | 9                 | 7.9      | 48.70                     | 8.41  | 45.20 | 8.07  | 41.80 | 7.73  | 40.10 | 7.36  | 38.30 | 7.06  | 34.90 | 6.63  |
|        | 11                | 9.8      | 45.20                     | 7.04  | 41.80 | 6.73  | 38.30 | 6.42  | 36.60 | 6.08  | 34.80 | 5.82  | 31.30 | 5.42  |
|        | 13                | 11.8     | 41.70                     | 5.88  | 38.20 | 5.59  | 34.70 | 5.30  | 33.00 | 5.01  | 31.20 | 4.78  | 27.70 | 4.41  |
|        | 15                | 13.7     | 38.00                     | 4.91  | 34.50 | 4.64  | 31.00 | 4.37  | 29.30 | 4.12  | 27.40 | 3.91  | 23.80 | 3.58  |
| 70     | -30               | -30.2    | 24.30                     | 18.81 | 24.30 | 18.88 | 24.20 | 18.97 | 24.20 | 20.92 | 24.20 | 19.92 | 23.70 | 19.01 |
|        | -24.8             | -25      | 40.60                     | 19.00 | 40.60 | 19.05 | 40.30 | 19.15 | 40.30 | 19.28 | 40.30 | 18.38 | 38.40 | 17.03 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 46.60                     | 19.11 | 46.60 | 19.15 | 43.90 | 18.27 | 42.40 | 17.41 | 41.10 | 16.60 | 38.40 | 15.82 |
|        | -19.8             | -20      | 49.40                     | 18.73 | 46.70 | 18.24 | 43.90 | 17.64 | 42.40 | 16.81 | 41.10 | 16.05 | 38.40 | 15.28 |
|        | -18.8             | -19      | 49.40                     | 18.23 | 46.70 | 17.93 | 43.90 | 17.33 | 42.40 | 16.51 | 41.10 | 15.76 | 38.40 | 15.01 |
|        | -16.7             | -17      | 49.40                     | 17.57 | 46.70 | 17.24 | 43.90 | 16.67 | 42.40 | 15.89 | 41.10 | 15.18 | 38.40 | 14.44 |
|        | -15               | -15.9    | 49.40                     | 17.09 | 46.70 | 16.76 | 43.90 | 16.20 | 42.40 | 15.44 | 41.10 | 14.76 | 38.40 | 14.04 |
|        | -13.7             | -15      | 49.40                     | 16.61 | 46.70 | 16.28 | 43.90 | 15.74 | 42.40 | 15.00 | 41.10 | 14.35 | 38.40 | 13.64 |
|        | -11.8             | -13      | 49.40                     | 16.00 | 46.70 | 15.67 | 43.90 | 15.15 | 42.40 | 14.44 | 41.10 | 13.82 | 38.40 | 13.13 |
|        | -9.8              | -11      | 49.40                     | 15.38 | 46.70 | 15.02 | 43.90 | 14.53 | 42.40 | 13.85 | 41.10 | 13.27 | 38.40 | 12.60 |
|        | -9.5              | -10      | 49.40                     | 15.28 | 46.70 | 14.93 | 43.90 | 14.43 | 42.40 | 13.76 | 41.10 | 13.19 | 38.40 | 12.52 |
|        | -8.5              | -9.1     | 49.40                     | 14.96 | 46.70 | 14.61 | 43.90 | 14.13 | 42.40 | 13.47 | 41.10 | 12.91 | 38.40 | 12.26 |
|        | -7                | -7.6     | 49.40                     | 14.49 | 46.70 | 14.14 | 43.90 | 13.67 | 42.40 | 13.03 | 41.10 | 12.50 | 38.40 | 11.85 |
|        | -5                | -5.6     | 49.40                     | 13.88 | 46.70 | 13.51 | 43.90 | 13.06 | 42.40 | 12.46 | 41.10 | 11.97 | 38.40 | 11.35 |
|        | -3                | -3.7     | 49.40                     | 13.27 | 46.70 | 12.90 | 43.90 | 12.47 | 42.40 | 11.89 | 41.10 | 11.43 | 38.40 | 10.83 |
|        | 0                 | -0.7     | 49.40                     | 12.35 | 46.70 | 11.97 | 43.90 | 11.57 | 42.40 | 11.04 | 41.10 | 10.63 | 38.40 | 10.06 |
|        | 3                 | 2.2      | 49.40                     | 11.43 | 46.70 | 11.04 | 43.90 | 10.67 | 42.40 | 10.18 | 41.10 | 9.84  | 38.40 | 9.28  |
|        | 5                 | 4.1      | 46.80                     | 9.98  | 44.00 | 9.57  | 41.20 | 9.23  | 39.70 | 8.79  | 38.40 | 8.48  | 35.60 | 7.95  |
|        | 7                 | 6        | 44.00                     | 8.63  | 41.30 | 8.23  | 38.40 | 7.89  | 36.90 | 7.50  | 35.60 | 7.25  | 32.80 | 6.74  |
|        | 9                 | 7.9      | 41.20                     | 7.11  | 38.40 | 6.75  | 35.60 | 6.43  | 34.00 | 6.11  | 32.70 | 5.88  | 29.80 | 5.44  |
|        | 11                | 9.8      | 38.30                     | 5.98  | 35.50 | 5.66  | 32.60 | 5.38  | 31.10 | 5.09  | 29.70 | 4.88  | 26.80 | 4.48  |
|        | 13                | 11.8     | 35.30                     | 5.03  | 32.50 | 4.73  | 29.50 | 4.47  | 28.00 | 4.22  | 26.60 | 4.04  | 23.70 | 3.68  |
|        | 15                | 13.7     | 32.20                     | 4.22  | 29.30 | 3.95  | 26.40 | 3.72  | 24.80 | 3.49  | 23.40 | 3.33  | 20.40 | 3.02  |
| 60     | -30               | -30.2    | 24.00                     | 18.68 | 24.00 | 18.77 | 23.80 | 20.90 | 23.00 | 19.79 | 22.20 | 18.76 | 20.80 | 17.85 |
|        | -24.8             | -25      | 39.90                     | 18.87 | 39.90 | 18.96 | 37.60 | 18.14 | 36.40 | 17.20 | 35.10 | 16.32 | 32.90 | 15.50 |
|        | -21.8             | -22      | 42.40                     | 18.81 | 40.10 | 18.10 | 37.60 | 17.17 | 36.40 | 16.29 | 35.10 | 15.47 | 32.90 | 14.67 |
|        | -19.8             | -20      | 42.40                     | 18.08 | 40.10 | 17.42 | 37.60 | 16.52 | 36.40 | 15.68 | 35.10 | 14.89 | 32.90 | 14.12 |
|        | -18.8             | -19      | 42.40                     | 17.73 | 40.10 | 17.08 | 37.60 | 16.21 | 36.40 | 15.39 | 35.10 | 14.61 | 32.90 | 13.84 |
|        | -16.7             | -17      | 42.40                     | 17.01 | 40.10 | 16.36 | 37.60 | 15.52 | 36.40 | 14.75 | 35.10 | 14.02 | 32.90 | 13.27 |
|        | -15               | -15.9    | 42.40                     | 16.50 | 40.10 | 15.85 | 37.60 | 15.04 | 36.40 | 14.30 | 35.10 | 13.59 | 32.90 | 12.86 |
|        | -13.7             | -15      | 42.40                     | 15.99 | 40.10 | 15.35 | 37.60 | 14.56 | 36.40 | 13.85 | 35.10 | 13.17 | 32.90 | 12.45 |
|        | -11.8             | -13      | 42.40                     | 15.34 | 40.10 | 14.70 | 37.60 | 13.95 | 36.40 | 13.28 | 35.10 | 12.63 | 32.90 | 11.93 |
|        | -9.8              | -11      | 42.40                     | 14.65 | 40.10 | 14.02 | 37.60 | 13.32 | 36.40 | 12.68 | 35.10 | 12.07 | 32.90 | 11.39 |
|        | -9.5              | -10      | 42.40                     | 14.55 | 40.10 | 13.92 | 37.60 | 13.23 | 36.40 | 12.59 | 35.10 | 11.98 | 32.90 | 11.31 |
|        | -8.5              | -9.1     | 42.40                     | 14.21 | 40.10 | 13.59 | 37.60 | 12.91 | 36.40 | 12.30 | 35.10 | 11.71 | 32.90 | 11.04 |
|        | -7                | -7.6     | 42.40                     | 13.71 | 40.10 | 13.09 | 37.60 | 12.43 | 36.40 | 11.85 | 35.10 | 11.29 | 32.90 | 10.63 |
|        | -5                | -5.6     | 42.40                     | 13.04 | 40.10 | 12.43 | 37.60 | 11.82 | 36.40 | 11.27 | 35.10 | 10.74 | 32.90 | 10.11 |
|        | -3                | -3.7     | 42.40                     | 12.39 | 40.10 | 11.78 | 37.60 | 11.20 | 36.40 | 10.69 | 35.10 | 10.19 | 32.90 | 9.58  |
|        | 0                 | -0.7     | 42.40                     | 11.39 | 40.10 | 10.79 | 37.60 | 10.27 | 36.40 | 9.82  | 35.10 | 9.38  | 32.90 | 8.79  |
|        | 3                 | 2.2      | 42.40                     | 10.40 | 40.10 | 9.81  | 37.60 | 9.34  | 36.40 | 8.95  | 35.10 | 8.56  | 32.90 | 8.00  |
|        | 5                 | 4.1      | 40.10                     | 9.00  | 37.80 | 8.44  | 35.30 | 8.01  | 34.10 | 7.67  | 32.80 | 7.33  | 30.50 | 6.80  |
|        | 7                 | 6        | 37.80                     | 7.71  | 35.50 | 7.17  | 32.90 | 6.79  | 31.70 | 6.50  | 30.40 | 6.20  | 28.10 | 5.72  |
|        | 9                 | 7.9      | 35.40                     | 6.29  | 33.00 | 5.83  | 30.50 | 5.49  | 29.20 | 5.25  | 27.90 | 5.00  | 25.60 | 4.58  |
|        | 11                | 9.8      | 32.90                     | 5.33  | 30.50 | 4.92  | 27.90 | 4.62  | 26.70 | 4.41  | 25.30 | 4.19  | 23.00 | 3.81  |
|        | 13                | 11.8     | 30.30                     | 4.50  | 27.90 | 4.14  | 25.30 | 3.88  | 24.00 | 3.69  | 22.70 | 3.49  | 20.30 | 3.16  |
|        | 15                | 13.7     | 27.70                     | 3.81  | 25.20 | 3.49  | 22.60 | 3.25  | 21.30 | 3.08  | 20.00 | 2.92  | 17.50 | 2.62  |
| 50     | -30               | -30.2    | 22.40                     | 16.14 | 21.10 | 18.00 | 19.80 | 17.05 | 19.20 | 16.17 | 18.50 | 15.31 | 17.30 | 14.56 |
|        | -24.8             | -25      | 35.40                     | 15.49 | 33.40 | 15.62 | 31.40 | 14.80 | 30.40 | 14.04 | 29.30 | 13.32 | 27.30 | 12.64 |
|        | -21.8             | -22      | 35.40                     | 15.59 | 33.40 | 14.78 | 31.40 | 14.01 | 30.40 | 13.29 | 29.30 | 12.62 | 27.30 | 11.96 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 35.40                     | 15.00 | 33.40 | 14.21 | 31.40 | 13.48 | 30.40 | 12.79 | 29.30 | 12.15 | 27.30 | 11.51 |
|        | -18.8             | -19      | 35.40                     | 14.71 | 33.40 | 13.93 | 31.40 | 13.23 | 30.40 | 12.54 | 29.30 | 11.92 | 27.30 | 11.30 |
|        | -16.7             | -17      | 35.40                     | 14.10 | 33.40 | 13.35 | 31.40 | 12.67 | 30.40 | 12.01 | 29.30 | 11.43 | 27.30 | 10.83 |
|        | -15               | -15.9    | 35.40                     | 13.66 | 33.40 | 12.92 | 31.40 | 12.28 | 30.40 | 11.64 | 29.30 | 11.08 | 27.30 | 10.49 |
|        | -13.7             | -15      | 35.40                     | 13.22 | 33.40 | 12.50 | 31.40 | 11.88 | 30.40 | 11.27 | 29.30 | 10.74 | 27.30 | 10.16 |
|        | -11.8             | -13      | 35.40                     | 12.66 | 33.40 | 11.98 | 31.40 | 11.40 | 30.40 | 10.81 | 29.30 | 10.30 | 27.30 | 9.74  |
|        | -9.8              | -11      | 35.40                     | 12.09 | 33.40 | 11.42 | 31.40 | 10.87 | 30.40 | 10.31 | 29.30 | 9.84  | 27.30 | 9.30  |
|        | -9.5              | -10      | 35.40                     | 12.00 | 33.40 | 11.34 | 31.40 | 10.79 | 30.40 | 10.24 | 29.30 | 9.78  | 27.30 | 9.23  |
|        | -8.5              | -9.1     | 35.40                     | 11.72 | 33.40 | 11.06 | 31.40 | 10.54 | 30.40 | 10.00 | 29.30 | 9.55  | 27.30 | 9.01  |
|        | -7                | -7.6     | 35.40                     | 11.27 | 33.40 | 10.65 | 31.40 | 10.15 | 30.40 | 9.63  | 29.30 | 9.20  | 27.30 | 8.68  |
|        | -5                | -5.6     | 35.40                     | 10.71 | 33.40 | 10.11 | 31.40 | 9.65  | 30.40 | 9.16  | 29.30 | 8.76  | 27.30 | 8.25  |
|        | -3                | -3.7     | 35.40                     | 10.16 | 33.40 | 9.57  | 31.40 | 9.14  | 30.40 | 8.67  | 29.30 | 8.31  | 27.30 | 7.82  |
|        | 0                 | -0.7     | 35.40                     | 9.31  | 33.40 | 8.75  | 31.40 | 8.38  | 30.40 | 7.96  | 29.30 | 7.65  | 27.30 | 7.18  |
|        | 3                 | 2.2      | 35.40                     | 8.46  | 33.40 | 7.95  | 31.40 | 7.63  | 30.40 | 7.24  | 29.30 | 6.98  | 27.30 | 6.54  |
|        | 5                 | 4.1      | 33.50                     | 7.32  | 31.50 | 6.84  | 29.50 | 6.56  | 28.50 | 6.21  | 27.40 | 6.00  | 25.30 | 5.58  |
|        | 7                 | 6        | 31.60                     | 6.27  | 29.50 | 5.83  | 27.50 | 5.58  | 26.50 | 5.28  | 25.40 | 5.10  | 23.30 | 4.72  |
|        | 9                 | 7.9      | 29.50                     | 5.20  | 27.50 | 4.82  | 25.40 | 4.60  | 24.40 | 4.34  | 23.30 | 4.18  | 21.20 | 3.85  |
|        | 11                | 9.8      | 27.50                     | 4.44  | 25.40 | 4.10  | 23.30 | 3.90  | 22.30 | 3.67  | 21.20 | 3.53  | 19.10 | 3.23  |
|        | 13                | 11.8     | 25.30                     | 3.78  | 23.20 | 3.48  | 21.10 | 3.30  | 20.10 | 3.10  | 19.00 | 2.97  | 16.80 | 2.71  |
|        | 15                | 13.7     | 23.10                     | 3.23  | 21.00 | 2.97  | 18.90 | 2.80  | 17.80 | 2.62  | 16.70 | 2.51  | 14.50 | 2.27  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM220LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 27.50                     | 24.36 | 27.50 | 24.44 | 27.30 | 24.51 | 27.30 | 24.62 | 27.30 | 24.73 | 26.80 | 24.89 |
|        | -24.8             | -25      | 45.80                     | 24.46 | 45.80 | 24.54 | 45.60 | 24.61 | 45.60 | 24.72 | 45.60 | 24.82 | 44.60 | 24.98 |
|        | -21.8             | -22      | 55.70                     | 24.51 | 55.70 | 24.59 | 55.40 | 24.66 | 55.40 | 24.77 | 55.40 | 24.87 | 54.30 | 25.03 |
|        | -19.8             | -20      | 58.80                     | 24.55 | 58.80 | 24.63 | 58.30 | 24.70 | 58.30 | 24.80 | 58.30 | 24.91 | 57.30 | 25.07 |
|        | -18.8             | -19      | 60.00                     | 24.56 | 60.00 | 24.64 | 59.60 | 24.71 | 59.60 | 24.82 | 59.60 | 24.92 | 58.50 | 25.09 |
|        | -16.7             | -17      | 62.70                     | 24.60 | 62.70 | 24.68 | 62.20 | 24.75 | 62.20 | 24.86 | 62.20 | 24.96 | 61.10 | 25.12 |
|        | -15               | -15.9    | 64.60                     | 24.62 | 64.60 | 24.70 | 64.10 | 24.77 | 64.10 | 24.88 | 64.10 | 24.98 | 62.90 | 24.60 |
|        | -13.7             | -15      | 66.50                     | 24.65 | 66.50 | 24.73 | 66.00 | 24.80 | 66.00 | 24.91 | 66.00 | 25.01 | 64.80 | 24.11 |
|        | -11.8             | -13      | 68.70                     | 24.69 | 68.70 | 24.77 | 68.20 | 24.84 | 68.20 | 24.94 | 68.20 | 24.34 | 67.20 | 23.46 |
|        | -9.8              | -11      | 71.00                     | 24.72 | 71.00 | 24.80 | 70.50 | 24.87 | 70.50 | 24.24 | 70.50 | 23.63 | 69.60 | 22.79 |
|        | -9.5              | -10      | 71.40                     | 24.73 | 71.40 | 24.81 | 70.90 | 24.76 | 70.90 | 24.13 | 70.90 | 23.53 | 70.00 | 22.69 |
|        | -8.5              | -9.1     | 72.80                     | 24.75 | 72.80 | 24.83 | 72.30 | 24.41 | 72.30 | 23.77 | 72.00 | 23.18 | 71.20 | 22.37 |
|        | -7                | -7.6     | 74.80                     | 24.77 | 74.80 | 24.31 | 74.40 | 23.87 | 74.40 | 23.24 | 74.40 | 22.65 | 73.10 | 21.86 |
|        | -5                | -5.6     | 77.50                     | 24.17 | 77.50 | 23.68 | 77.00 | 23.23 | 77.00 | 22.60 | 77.00 | 22.01 | 75.60 | 21.26 |
|        | -3                | -3.7     | 80.30                     | 23.58 | 80.30 | 23.05 | 79.70 | 22.57 | 79.70 | 21.96 | 79.70 | 21.38 | 78.10 | 20.66 |
|        | 0                 | -0.7     | 84.40                     | 22.67 | 84.40 | 22.11 | 83.90 | 21.60 | 83.90 | 21.01 | 83.90 | 20.43 | 78.20 | 18.91 |
|        | 3                 | 2.2      | 88.50                     | 21.78 | 88.50 | 21.16 | 88.00 | 20.62 | 87.10 | 19.85 | 84.00 | 18.60 | 78.20 | 17.89 |
|        | 5                 | 4.1      | 89.00                     | 20.58 | 84.50 | 18.35 | 83.80 | 17.82 | 81.60 | 16.85 | 78.40 | 16.11 | 72.60 | 15.52 |
|        | 7                 | 6        | 80.30                     | 16.38 | 79.20 | 15.60 | 78.20 | 15.05 | 75.80 | 14.40 | 72.70 | 13.90 | 66.80 | 13.31 |
|        | 9                 | 7.9      | 74.80                     | 14.20 | 73.80 | 13.56 | 72.40 | 12.97 | 69.90 | 12.48 | 66.80 | 12.01 | 60.80 | 11.42 |
| 120    | 11                | 9.8      | 69.50                     | 12.48 | 68.10 | 11.85 | 66.30 | 11.26 | 63.80 | 10.80 | 60.70 | 10.35 | 54.60 | 9.75  |
|        | 13                | 11.8     | 64.10                     | 10.83 | 62.30 | 10.23 | 60.10 | 9.66  | 57.50 | 9.22  | 54.30 | 8.80  | 48.20 | 8.21  |
|        | 15                | 13.7     | 58.40                     | 9.28  | 56.30 | 8.71  | 53.60 | 8.15  | 51.00 | 7.76  | 47.80 | 7.36  | 41.50 | 6.79  |
|        | -30               | -30.2    | 27.30                     | 24.44 | 27.30 | 24.51 | 27.20 | 24.62 | 27.20 | 24.73 | 27.20 | 24.89 | 26.60 | 25.00 |
|        | -24.8             | -25      | 45.50                     | 24.54 | 45.50 | 24.61 | 45.30 | 24.72 | 45.30 | 24.82 | 45.30 | 24.98 | 44.30 | 25.09 |
|        | -21.8             | -22      | 55.30                     | 24.59 | 55.30 | 24.66 | 55.00 | 24.77 | 55.00 | 24.87 | 55.00 | 25.03 | 53.90 | 25.14 |
|        | -19.8             | -20      | 58.30                     | 24.63 | 58.30 | 24.70 | 57.90 | 24.80 | 57.90 | 24.91 | 57.90 | 25.07 | 56.90 | 25.18 |
|        | -18.8             | -19      | 59.60                     | 24.64 | 59.60 | 24.71 | 59.20 | 24.82 | 59.20 | 24.92 | 59.20 | 25.09 | 58.10 | 25.20 |
|        | -16.7             | -17      | 62.20                     | 24.68 | 62.20 | 24.75 | 61.80 | 24.86 | 61.80 | 24.96 | 61.80 | 25.12 | 60.70 | 24.54 |
|        | -15               | -15.9    | 64.10                     | 24.70 | 64.10 | 24.77 | 63.70 | 24.88 | 63.70 | 24.98 | 63.70 | 24.62 | 62.50 | 24.06 |
|        | -13.7             | -15      | 66.00                     | 24.73 | 66.00 | 24.80 | 65.60 | 24.91 | 65.60 | 25.01 | 65.60 | 24.15 | 64.30 | 23.60 |
|        | -11.8             | -13      | 68.10                     | 24.77 | 68.10 | 24.84 | 67.70 | 24.94 | 67.70 | 24.34 | 67.70 | 23.53 | 66.70 | 23.00 |
|        | -9.8              | -11      | 70.50                     | 24.80 | 70.50 | 24.87 | 70.00 | 24.21 | 70.00 | 23.62 | 70.00 | 22.89 | 69.20 | 22.38 |
|        | -9.5              | -10      | 70.90                     | 24.81 | 70.90 | 24.76 | 70.50 | 24.10 | 70.50 | 23.52 | 70.50 | 22.79 | 69.50 | 22.29 |
|        | -8.5              | -9.1     | 72.30                     | 24.83 | 72.30 | 24.37 | 71.70 | 23.73 | 71.70 | 23.17 | 71.70 | 22.47 | 70.80 | 21.98 |
|        | -7                | -7.6     | 74.30                     | 24.26 | 74.30 | 23.80 | 73.80 | 23.18 | 73.80 | 22.63 | 73.80 | 21.99 | 72.60 | 21.52 |
|        | -5                | -5.6     | 77.00                     | 23.56 | 77.00 | 23.09 | 76.50 | 22.51 | 76.50 | 21.99 | 76.50 | 21.42 | 73.50 | 20.55 |
|        | -3                | -3.7     | 79.70                     | 22.87 | 79.70 | 22.39 | 79.20 | 21.84 | 79.20 | 21.35 | 79.10 | 20.82 | 73.50 | 19.35 |
|        | 0                 | -0.7     | 83.80                     | 21.83 | 83.80 | 21.33 | 83.20 | 20.84 | 81.60 | 20.00 | 79.10 | 18.99 | 73.50 | 18.57 |
|        | 3                 | 2.2      | 87.90                     | 20.79 | 87.90 | 20.28 | 84.50 | 19.19 | 81.60 | 18.42 | 79.10 | 18.13 | 73.50 | 17.78 |
|        | 5                 | 4.1      | 84.10                     | 18.02 | 82.90 | 17.30 | 79.30 | 16.49 | 76.40 | 16.12 | 73.90 | 15.88 | 68.20 | 15.49 |
|        | 7                 | 6        | 79.20                     | 15.32 | 77.70 | 14.75 | 74.00 | 14.32 | 71.00 | 13.97 | 68.50 | 13.77 | 62.80 | 13.35 |
|        | 9                 | 7.9      | 74.10                     | 13.41 | 72.40 | 12.88 | 68.50 | 12.44 | 65.50 | 12.11 | 62.90 | 11.89 | 57.10 | 11.45 |
|        | 11                | 9.8      | 68.90                     | 11.77 | 66.80 | 11.24 | 62.80 | 10.80 | 59.80 | 10.47 | 57.10 | 10.24 | 51.30 | 9.78  |
|        | 13                | 11.8     | 63.50                     | 10.21 | 61.10 | 9.70  | 56.90 | 9.25  | 53.90 | 8.94  | 51.20 | 8.71  | 45.30 | 8.24  |
|        | 15                | 13.7     | 57.90                     | 8.74  | 55.20 | 8.25  | 50.80 | 7.82  | 47.80 | 7.52  | 45.00 | 7.29  | 39.00 | 6.83  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 27.20                     | 24.51 | 27.20 | 24.62 | 27.00 | 24.73 | 27.00 | 24.89 | 27.00 | 25.00 | 26.50 | 25.06 |
|        | -24.8             | -25      | 45.30                     | 24.61 | 45.30 | 24.72 | 44.90 | 24.82 | 44.90 | 24.98 | 44.90 | 25.09 | 44.10 | 25.15 |
|        | -21.8             | -22      | 55.00                     | 24.66 | 55.00 | 24.77 | 54.60 | 24.87 | 54.60 | 25.03 | 54.60 | 25.14 | 53.60 | 25.20 |
|        | -19.8             | -20      | 58.00                     | 24.70 | 58.00 | 24.80 | 57.70 | 24.91 | 57.70 | 25.07 | 57.70 | 25.18 | 56.50 | 25.23 |
|        | -18.8             | -19      | 59.30                     | 24.71 | 59.30 | 24.82 | 58.90 | 24.92 | 58.90 | 25.09 | 58.90 | 25.20 | 57.80 | 24.88 |
|        | -16.7             | -17      | 61.90                     | 24.75 | 61.90 | 24.86 | 61.50 | 24.96 | 61.50 | 25.12 | 61.50 | 24.48 | 60.30 | 24.15 |
|        | -15               | -15.9    | 63.80                     | 24.77 | 63.80 | 24.88 | 63.40 | 24.98 | 63.40 | 24.58 | 63.40 | 23.97 | 62.80 | 23.62 |
|        | -13.7             | -15      | 65.60                     | 24.80 | 65.60 | 24.91 | 65.30 | 25.01 | 65.30 | 24.06 | 65.30 | 23.47 | 65.30 | 23.11 |
|        | -11.8             | -13      | 67.80                     | 24.84 | 67.80 | 24.94 | 67.40 | 24.27 | 67.40 | 23.38 | 67.40 | 22.83 | 66.10 | 22.03 |
|        | -9.8              | -11      | 70.00                     | 24.87 | 70.00 | 24.12 | 69.60 | 23.50 | 69.60 | 22.67 | 69.60 | 22.16 | 66.10 | 20.83 |
|        | -9.5              | -10      | 70.50                     | 24.74 | 70.50 | 23.99 | 70.00 | 23.38 | 70.00 | 22.57 | 70.00 | 22.06 | 66.10 | 20.55 |
|        | -8.5              | -9.1     | 71.80                     | 24.30 | 71.80 | 23.58 | 71.40 | 22.99 | 71.40 | 22.22 | 70.80 | 21.55 | 66.10 | 20.23 |
|        | -7                | -7.6     | 73.80                     | 23.64 | 73.80 | 22.96 | 73.40 | 22.41 | 73.30 | 21.66 | 70.80 | 20.48 | 66.10 | 19.75 |
|        | -5                | -5.6     | 76.60                     | 22.82 | 76.60 | 22.20 | 75.80 | 21.64 | 73.30 | 20.30 | 70.80 | 19.56 | 66.10 | 19.16 |
|        | -3                | -3.7     | 79.30                     | 22.00 | 79.30 | 21.45 | 75.80 | 20.20 | 73.30 | 19.36 | 70.80 | 18.99 | 66.10 | 18.57 |
|        | 0                 | -0.7     | 83.30                     | 20.78 | 80.70 | 19.67 | 75.80 | 18.90 | 73.30 | 18.46 | 70.80 | 18.14 | 66.10 | 17.69 |
|        | 3                 | 2.2      | 85.40                     | 19.10 | 80.70 | 18.18 | 75.80 | 17.90 | 73.30 | 17.56 | 70.80 | 17.28 | 66.10 | 16.81 |
|        | 5                 | 4.1      | 80.80                     | 16.28 | 76.10 | 15.93 | 71.20 | 15.64 | 68.60 | 15.36 | 66.10 | 15.10 | 61.30 | 14.58 |
|        | 7                 | 6        | 76.10                     | 14.15 | 71.30 | 13.84 | 66.40 | 13.56 | 63.80 | 13.33 | 61.30 | 13.09 | 56.40 | 12.52 |
|        | 9                 | 7.9      | 71.30                     | 12.39 | 66.40 | 12.05 | 61.40 | 11.75 | 58.90 | 11.51 | 56.30 | 11.26 | 51.40 | 10.72 |
|        | 11                | 9.8      | 66.30                     | 10.84 | 61.40 | 10.49 | 56.30 | 10.17 | 53.70 | 9.94  | 51.10 | 9.69  | 46.10 | 9.14  |
|        | 13                | 11.8     | 61.10                     | 9.38  | 56.10 | 9.03  | 51.00 | 8.69  | 48.40 | 8.46  | 45.80 | 8.23  | 40.70 | 7.69  |
|        | 15                | 13.7     | 55.70                     | 8.00  | 50.70 | 7.67  | 45.50 | 7.33  | 42.90 | 7.11  | 40.30 | 6.88  | 35.10 | 6.37  |
| 100    | -30               | -30.2    | 27.00                     | 27.64 | 27.00 | 27.44 | 26.80 | 23.46 | 26.80 | 26.97 | 26.80 | 26.19 | 26.30 | 26.65 |
|        | -24.8             | -25      | 45.00                     | 26.92 | 45.00 | 26.72 | 44.70 | 24.63 | 44.70 | 26.24 | 44.70 | 26.02 | 43.90 | 25.92 |
|        | -21.8             | -22      | 54.70                     | 26.51 | 54.70 | 26.31 | 54.40 | 25.30 | 54.40 | 25.82 | 54.40 | 25.93 | 53.40 | 25.51 |
|        | -19.8             | -20      | 57.80                     | 26.24 | 57.80 | 26.04 | 57.40 | 25.69 | 57.40 | 25.54 | 57.40 | 25.44 | 56.30 | 25.23 |
|        | -18.8             | -19      | 59.00                     | 26.10 | 58.60 | 25.90 | 58.60 | 25.71 | 58.60 | 25.41 | 58.60 | 25.20 | 57.50 | 24.81 |
|        | -16.7             | -17      | 61.30                     | 25.81 | 61.30 | 25.61 | 61.30 | 25.74 | 60.90 | 25.12 | 60.90 | 24.33 | 59.70 | 23.92 |
|        | -15               | -15.9    | 63.30                     | 25.60 | 63.30 | 25.40 | 63.10 | 25.37 | 62.90 | 24.48 | 62.90 | 23.70 | 60.40 | 22.79 |
|        | -13.7             | -15      | 65.30                     | 25.40 | 65.30 | 25.20 | 65.00 | 25.01 | 65.00 | 23.87 | 64.90 | 23.06 | 60.40 | 21.48 |
|        | -11.8             | -13      | 67.40                     | 25.14 | 67.10 | 24.94 | 67.10 | 24.19 | 67.10 | 23.08 | 64.90 | 21.59 | 60.40 | 20.74 |
|        | -9.8              | -11      | 69.70                     | 24.87 | 69.70 | 24.02 | 69.30 | 23.32 | 67.10 | 21.54 | 64.90 | 20.38 | 60.40 | 19.95 |
|        | -9.5              | -10      | 70.00                     | 24.73 | 70.00 | 23.89 | 69.30 | 23.04 | 67.10 | 21.30 | 64.90 | 20.26 | 60.40 | 19.83 |
|        | -8.5              | -9.1     | 71.40                     | 24.25 | 71.40 | 23.43 | 69.30 | 22.18 | 67.10 | 20.60 | 64.90 | 19.87 | 60.40 | 19.44 |
|        | -7                | -7.6     | 74.70                     | 23.54 | 73.70 | 22.54 | 69.30 | 20.95 | 67.10 | 20.01 | 64.90 | 19.30 | 60.40 | 18.86 |
|        | -5                | -5.6     | 77.90                     | 22.65 | 73.70 | 20.90 | 69.30 | 20.20 | 67.10 | 19.29 | 64.90 | 18.60 | 60.40 | 18.13 |
|        | -3                | -3.7     | 78.20                     | 21.24 | 73.70 | 19.95 | 69.30 | 19.45 | 67.10 | 18.57 | 64.90 | 17.89 | 60.40 | 17.41 |
|        | 0                 | -0.7     | 78.20                     | 19.38 | 73.70 | 18.75 | 69.30 | 18.31 | 67.10 | 17.50 | 64.90 | 16.82 | 60.40 | 16.33 |
|        | 3                 | 2.2      | 78.20                     | 18.13 | 73.70 | 17.55 | 69.30 | 17.18 | 67.10 | 16.42 | 64.90 | 15.76 | 60.40 | 15.23 |
|        | 5                 | 4.1      | 74.00                     | 15.86 | 69.50 | 15.30 | 65.10 | 14.93 | 62.80 | 14.25 | 60.60 | 13.62 | 56.10 | 13.06 |
|        | 7                 | 6        | 69.70                     | 13.74 | 65.20 | 13.21 | 60.70 | 12.86 | 58.40 | 12.25 | 56.20 | 11.66 | 51.60 | 11.08 |
|        | 9                 | 7.9      | 65.30                     | 12.00 | 60.70 | 11.48 | 56.10 | 11.13 | 53.90 | 10.57 | 51.60 | 10.02 | 46.90 | 9.47  |
|        | 11                | 9.8      | 60.70                     | 10.47 | 56.00 | 9.97  | 51.50 | 9.61  | 49.20 | 9.10  | 46.90 | 8.61  | 42.20 | 8.07  |
|        | 13                | 11.8     | 55.90                     | 9.04  | 51.30 | 8.57  | 46.60 | 8.20  | 44.30 | 7.74  | 42.00 | 7.30  | 37.20 | 6.78  |
|        | 15                | 13.7     | 51.00                     | 7.70  | 46.30 | 7.26  | 41.60 | 6.91  | 39.30 | 6.50  | 36.90 | 6.10  | 32.10 | 5.62  |
| 90     | -30               | -30.2    | 26.90                     | 24.02 | 26.90 | 24.18 | 26.80 | 24.29 | 26.80 | 24.35 | 26.80 | 24.44 | 26.30 | 26.75 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 44.80                     | 24.11 | 44.80 | 24.28 | 44.60 | 24.39 | 44.60 | 24.45 | 44.60 | 24.55 | 43.80 | 24.72 |
|        | -21.8             | -22      | 54.50                     | 24.17 | 54.50 | 24.33 | 54.20 | 24.44 | 54.20 | 24.50 | 54.20 | 24.61 | 53.20 | 23.57 |
|        | -19.8             | -20      | 57.50                     | 24.21 | 57.50 | 24.37 | 57.20 | 24.48 | 57.20 | 24.54 | 57.20 | 23.83 | 55.20 | 22.43 |
|        | -18.8             | -19      | 59.00                     | 24.23 | 58.60 | 24.39 | 58.40 | 24.51 | 58.40 | 24.14 | 58.40 | 23.43 | 55.20 | 21.61 |
|        | -16.7             | -17      | 61.30                     | 24.26 | 61.30 | 24.43 | 61.00 | 23.67 | 61.00 | 23.30 | 59.50 | 22.08 | 55.20 | 20.50 |
|        | -15               | -15.9    | 63.30                     | 24.29 | 63.30 | 23.81 | 62.80 | 23.08 | 61.40 | 22.19 | 59.50 | 21.20 | 55.20 | 19.96 |
|        | -13.7             | -15      | 65.30                     | 24.33 | 65.30 | 23.21 | 63.40 | 22.07 | 61.40 | 21.00 | 59.50 | 20.35 | 55.20 | 19.44 |
|        | -11.8             | -13      | 67.40                     | 23.50 | 67.10 | 22.44 | 63.40 | 20.64 | 61.40 | 20.25 | 59.50 | 19.67 | 55.20 | 18.76 |
|        | -9.8              | -11      | 69.70                     | 22.64 | 67.40 | 20.92 | 63.40 | 19.90 | 61.40 | 19.52 | 59.50 | 18.94 | 55.20 | 18.06 |
|        | -9.5              | -10      | 70.00                     | 22.51 | 67.40 | 20.72 | 63.40 | 19.80 | 61.40 | 19.40 | 59.50 | 18.83 | 55.20 | 17.95 |
|        | -8.5              | -9.1     | 71.40                     | 22.07 | 67.40 | 20.05 | 63.40 | 19.43 | 61.40 | 19.03 | 59.50 | 18.48 | 55.20 | 17.61 |
|        | -7                | -7.6     | 71.60                     | 20.55 | 67.40 | 19.47 | 63.40 | 18.89 | 61.40 | 18.48 | 59.50 | 17.94 | 55.20 | 17.08 |
|        | -5                | -5.6     | 71.60                     | 19.57 | 67.40 | 18.77 | 63.40 | 18.21 | 61.40 | 17.80 | 59.50 | 17.28 | 55.20 | 16.44 |
|        | -3                | -3.7     | 71.60                     | 18.81 | 67.40 | 18.07 | 63.40 | 17.55 | 61.40 | 17.12 | 59.50 | 16.61 | 55.20 | 15.78 |
|        | 0                 | -0.7     | 71.60                     | 17.69 | 67.40 | 17.03 | 63.40 | 16.54 | 61.40 | 16.10 | 59.50 | 15.62 | 55.20 | 14.82 |
|        | 3                 | 2.2      | 71.60                     | 16.56 | 67.40 | 15.99 | 63.40 | 15.54 | 61.40 | 15.08 | 59.50 | 14.63 | 55.20 | 13.84 |
|        | 5                 | 4.1      | 67.80                     | 14.51 | 63.60 | 13.99 | 59.50 | 13.54 | 57.50 | 13.09 | 55.60 | 12.67 | 51.20 | 11.91 |
|        | 7                 | 6        | 63.80                     | 12.61 | 59.60 | 12.13 | 55.50 | 11.71 | 53.50 | 11.25 | 51.50 | 10.87 | 47.10 | 10.13 |
|        | 9                 | 7.9      | 59.80                     | 10.89 | 55.50 | 10.44 | 51.40 | 10.03 | 49.30 | 9.62  | 47.30 | 9.26  | 42.90 | 8.58  |
|        | 11                | 9.8      | 55.60                     | 9.32  | 51.30 | 8.90  | 47.10 | 8.50  | 45.00 | 8.13  | 43.00 | 7.80  | 38.50 | 7.18  |
|        | 13                | 11.8     | 51.20                     | 7.90  | 46.90 | 7.49  | 42.70 | 7.12  | 40.50 | 6.79  | 38.50 | 6.49  | 34.00 | 5.94  |
|        | 15                | 13.7     | 46.70                     | 6.61  | 42.30 | 6.23  | 38.10 | 5.89  | 35.90 | 5.60  | 33.80 | 5.34  | 29.30 | 4.84  |
| 80     | -30               | -30.2    | 26.80                     | 21.19 | 26.80 | 21.38 | 26.60 | 21.50 | 26.60 | 21.35 | 26.60 | 23.72 | 26.10 | 22.74 |
|        | -24.8             | -25      | 44.70                     | 21.33 | 44.70 | 21.50 | 44.40 | 21.61 | 44.40 | 21.67 | 44.40 | 21.94 | 43.60 | 21.02 |
|        | -21.8             | -22      | 54.00                     | 21.41 | 54.00 | 21.57 | 54.00 | 21.68 | 54.00 | 21.84 | 53.00 | 20.54 | 49.30 | 19.00 |
|        | -19.8             | -20      | 57.00                     | 21.45 | 57.00 | 21.61 | 56.70 | 21.68 | 55.00 | 20.41 | 53.00 | 19.20 | 49.30 | 18.38 |
|        | -18.8             | -19      | 58.10                     | 21.48 | 58.10 | 21.75 | 56.70 | 20.89 | 55.00 | 19.69 | 53.00 | 18.88 | 49.30 | 18.08 |
|        | -16.7             | -17      | 59.80                     | 21.68 | 59.80 | 21.00 | 56.70 | 19.60 | 55.00 | 19.00 | 53.00 | 18.21 | 49.30 | 17.44 |
|        | -15               | -15.9    | 61.20                     | 21.12 | 60.40 | 20.42 | 56.70 | 19.08 | 55.00 | 18.49 | 53.00 | 17.73 | 49.30 | 16.98 |
|        | -13.7             | -15      | 62.50                     | 20.58 | 60.40 | 19.66 | 56.70 | 18.59 | 55.00 | 18.00 | 53.00 | 17.27 | 49.30 | 16.53 |
|        | -11.8             | -13      | 64.10                     | 19.89 | 60.40 | 18.71 | 56.70 | 17.95 | 55.00 | 17.38 | 53.00 | 16.68 | 49.30 | 15.96 |
|        | -9.8              | -11      | 64.10                     | 18.65 | 60.40 | 17.76 | 56.70 | 17.29 | 55.00 | 16.72 | 53.00 | 16.06 | 49.30 | 15.37 |
|        | -9.5              | -10      | 64.10                     | 18.42 | 60.40 | 17.57 | 56.70 | 17.19 | 55.00 | 16.62 | 53.00 | 15.96 | 49.30 | 15.28 |
|        | -8.5              | -9.1     | 64.10                     | 17.90 | 60.40 | 17.19 | 56.70 | 16.86 | 55.00 | 16.30 | 53.00 | 15.66 | 49.30 | 14.99 |
|        | -7                | -7.6     | 64.10                     | 17.23 | 60.40 | 16.69 | 56.70 | 16.37 | 55.00 | 15.81 | 53.00 | 15.20 | 49.30 | 14.54 |
|        | -5                | -5.6     | 64.10                     | 16.60 | 60.40 | 16.10 | 56.70 | 15.76 | 55.00 | 15.21 | 53.00 | 14.63 | 49.30 | 13.99 |
|        | -3                | -3.7     | 64.10                     | 15.97 | 60.40 | 15.49 | 56.70 | 15.14 | 55.00 | 14.61 | 53.00 | 14.06 | 49.30 | 13.45 |
|        | 0                 | -0.7     | 64.10                     | 15.03 | 60.40 | 14.58 | 56.70 | 14.23 | 55.00 | 13.70 | 53.00 | 13.20 | 49.30 | 12.62 |
|        | 3                 | 2.2      | 64.10                     | 14.09 | 60.40 | 13.67 | 56.70 | 13.31 | 55.00 | 12.80 | 53.00 | 12.35 | 49.30 | 11.80 |
|        | 5                 | 4.1      | 60.70                     | 12.38 | 57.00 | 11.98 | 53.20 | 11.60 | 51.50 | 11.11 | 49.50 | 10.71 | 45.80 | 10.18 |
|        | 7                 | 6        | 57.10                     | 10.80 | 53.40 | 10.41 | 49.60 | 10.02 | 47.90 | 9.56  | 45.90 | 9.20  | 42.10 | 8.69  |
|        | 9                 | 7.9      | 53.50                     | 9.21  | 49.70 | 8.85  | 45.90 | 8.48  | 44.20 | 8.07  | 42.10 | 7.75  | 38.30 | 7.28  |
|        | 11                | 9.8      | 49.70                     | 7.72  | 45.90 | 7.38  | 42.10 | 7.05  | 40.30 | 6.69  | 38.30 | 6.40  | 34.40 | 5.98  |
|        | 13                | 11.8     | 45.80                     | 6.46  | 42.00 | 6.15  | 38.20 | 5.84  | 36.30 | 5.53  | 34.30 | 5.28  | 30.40 | 4.90  |
|        | 15                | 13.7     | 41.80                     | 5.41  | 37.90 | 5.13  | 34.10 | 4.84  | 32.20 | 4.58  | 30.10 | 4.36  | 26.20 | 4.01  |
| 70     | -30               | -30.2    | 26.80                     | 21.00 | 26.80 | 21.03 | 26.60 | 21.16 | 26.60 | 23.36 | 26.60 | 22.26 | 26.10 | 21.23 |
|        | -24.8             | -25      | 44.70                     | 21.12 | 44.70 | 21.17 | 44.40 | 21.28 | 44.40 | 21.44 | 44.40 | 20.44 | 42.20 | 18.88 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 51.30                     | 21.19 | 51.30 | 21.25 | 48.30 | 20.24 | 46.60 | 19.29 | 45.30 | 18.39 | 42.20 | 17.53 |
|        | -19.8             | -20      | 54.40                     | 20.78 | 51.30 | 20.18 | 48.30 | 19.51 | 46.60 | 18.60 | 45.30 | 17.75 | 42.20 | 16.91 |
|        | -18.8             | -19      | 54.40                     | 20.15 | 51.30 | 19.81 | 48.30 | 19.15 | 46.60 | 18.25 | 45.30 | 17.43 | 42.20 | 16.60 |
|        | -16.7             | -17      | 54.40                     | 19.38 | 51.30 | 19.03 | 48.30 | 18.40 | 46.60 | 17.53 | 45.30 | 16.75 | 42.20 | 15.94 |
|        | -15               | -15.9    | 54.40                     | 18.82 | 51.30 | 18.47 | 48.30 | 17.86 | 46.60 | 17.02 | 45.30 | 16.27 | 42.20 | 15.47 |
|        | -13.7             | -15      | 54.40                     | 18.28 | 51.30 | 17.92 | 48.30 | 17.33 | 46.60 | 16.51 | 45.30 | 15.79 | 42.20 | 15.02 |
|        | -11.8             | -13      | 54.40                     | 17.59 | 51.30 | 17.22 | 48.30 | 16.66 | 46.60 | 15.87 | 45.30 | 15.19 | 42.20 | 14.44 |
|        | -9.8              | -11      | 54.40                     | 16.87 | 51.30 | 16.49 | 48.30 | 15.95 | 46.60 | 15.21 | 45.30 | 14.57 | 42.20 | 13.83 |
|        | -9.5              | -10      | 54.40                     | 16.76 | 51.30 | 16.38 | 48.30 | 15.84 | 46.60 | 15.11 | 45.30 | 14.48 | 42.20 | 13.74 |
|        | -8.5              | -9.1     | 54.40                     | 16.41 | 51.30 | 16.02 | 48.30 | 15.49 | 46.60 | 14.76 | 45.30 | 14.15 | 42.20 | 13.44 |
|        | -7                | -7.6     | 54.40                     | 15.87 | 51.30 | 15.48 | 48.30 | 14.97 | 46.60 | 14.27 | 45.30 | 13.69 | 42.20 | 12.98 |
|        | -5                | -5.6     | 54.40                     | 15.20 | 51.30 | 14.80 | 48.30 | 14.31 | 46.60 | 13.65 | 45.30 | 13.11 | 42.20 | 12.42 |
|        | -3                | -3.7     | 54.40                     | 14.53 | 51.30 | 14.12 | 48.30 | 13.66 | 46.60 | 13.03 | 45.30 | 12.52 | 42.20 | 11.86 |
|        | 0                 | -0.7     | 54.40                     | 13.52 | 51.30 | 13.11 | 48.30 | 12.67 | 46.60 | 12.09 | 45.30 | 11.65 | 42.20 | 11.01 |
|        | 3                 | 2.2      | 54.40                     | 12.52 | 51.30 | 12.09 | 48.30 | 11.69 | 46.60 | 11.15 | 45.30 | 10.78 | 42.20 | 10.16 |
|        | 5                 | 4.1      | 51.50                     | 10.93 | 48.40 | 10.49 | 45.30 | 10.09 | 43.60 | 9.62  | 42.30 | 9.29  | 39.20 | 8.71  |
|        | 7                 | 6        | 48.50                     | 9.45  | 45.40 | 9.01  | 42.30 | 8.64  | 40.60 | 8.22  | 39.20 | 7.94  | 36.00 | 7.39  |
|        | 9                 | 7.9      | 45.40                     | 7.78  | 42.20 | 7.40  | 39.10 | 7.06  | 37.40 | 6.70  | 36.00 | 6.46  | 32.80 | 5.97  |
|        | 11                | 9.8      | 42.20                     | 6.57  | 39.00 | 6.22  | 35.90 | 5.92  | 34.20 | 5.60  | 32.70 | 5.38  | 29.50 | 4.95  |
|        | 13                | 11.8     | 38.90                     | 5.53  | 35.70 | 5.21  | 32.50 | 4.94  | 30.80 | 4.67  | 29.30 | 4.47  | 26.00 | 4.09  |
|        | 15                | 13.7     | 35.50                     | 4.66  | 32.20 | 4.39  | 29.00 | 4.13  | 27.30 | 3.90  | 25.80 | 3.72  | 22.40 | 3.39  |
| 60     | -30               | -30.2    | 26.30                     | 20.83 | 26.30 | 20.95 | 26.20 | 23.31 | 25.30 | 22.08 | 24.40 | 20.96 | 22.80 | 19.90 |
|        | -24.8             | -25      | 43.90                     | 20.96 | 43.90 | 21.07 | 41.40 | 20.13 | 40.00 | 19.09 | 38.60 | 18.11 | 36.10 | 17.19 |
|        | -21.8             | -22      | 46.60                     | 20.83 | 44.10 | 20.04 | 41.40 | 19.00 | 40.00 | 18.04 | 38.60 | 17.12 | 36.10 | 16.23 |
|        | -19.8             | -20      | 46.60                     | 19.98 | 44.10 | 19.25 | 41.40 | 18.26 | 40.00 | 17.33 | 38.60 | 16.46 | 36.10 | 15.60 |
|        | -18.8             | -19      | 46.60                     | 19.59 | 44.10 | 18.86 | 41.40 | 17.89 | 40.00 | 16.98 | 38.60 | 16.13 | 36.10 | 15.29 |
|        | -16.7             | -17      | 46.60                     | 18.76 | 44.10 | 18.04 | 41.40 | 17.11 | 40.00 | 16.26 | 38.60 | 15.45 | 36.10 | 14.63 |
|        | -15               | -15.9    | 46.60                     | 18.16 | 44.10 | 17.45 | 41.40 | 16.56 | 40.00 | 15.74 | 38.60 | 14.96 | 36.10 | 14.16 |
|        | -13.7             | -15      | 46.60                     | 17.58 | 44.10 | 16.88 | 41.40 | 16.02 | 40.00 | 15.23 | 38.60 | 14.48 | 36.10 | 13.70 |
|        | -11.8             | -13      | 46.60                     | 16.84 | 44.10 | 16.14 | 41.40 | 15.33 | 40.00 | 14.58 | 38.60 | 13.88 | 36.10 | 13.10 |
|        | -9.8              | -11      | 46.60                     | 16.07 | 44.10 | 15.38 | 41.40 | 14.61 | 40.00 | 13.90 | 38.60 | 13.23 | 36.10 | 12.49 |
|        | -9.5              | -10      | 46.60                     | 15.95 | 44.10 | 15.27 | 41.40 | 14.50 | 40.00 | 13.80 | 38.60 | 13.14 | 36.10 | 12.40 |
|        | -8.5              | -9.1     | 46.60                     | 15.57 | 44.10 | 14.88 | 41.40 | 14.14 | 40.00 | 13.46 | 38.60 | 12.82 | 36.10 | 12.09 |
|        | -7                | -7.6     | 46.60                     | 14.99 | 44.10 | 14.32 | 41.40 | 13.60 | 40.00 | 12.96 | 38.60 | 12.35 | 36.10 | 11.63 |
|        | -5                | -5.6     | 46.60                     | 14.27 | 44.10 | 13.60 | 41.40 | 12.93 | 40.00 | 12.33 | 38.60 | 11.75 | 36.10 | 11.06 |
|        | -3                | -3.7     | 46.60                     | 13.55 | 44.10 | 12.88 | 41.40 | 12.25 | 40.00 | 11.70 | 38.60 | 11.15 | 36.10 | 10.48 |
|        | 0                 | -0.7     | 46.60                     | 12.46 | 44.10 | 11.81 | 41.40 | 11.24 | 40.00 | 10.74 | 38.60 | 10.26 | 36.10 | 9.62  |
|        | 3                 | 2.2      | 46.60                     | 11.38 | 44.10 | 10.73 | 41.40 | 10.23 | 40.00 | 9.79  | 38.60 | 9.37  | 36.10 | 8.75  |
|        | 5                 | 4.1      | 44.10                     | 9.85  | 41.60 | 9.23  | 38.90 | 8.77  | 37.50 | 8.39  | 36.00 | 8.02  | 33.50 | 7.45  |
|        | 7                 | 6        | 41.50                     | 8.44  | 39.00 | 7.86  | 36.20 | 7.43  | 34.80 | 7.13  | 33.40 | 6.81  | 30.80 | 6.28  |
|        | 9                 | 7.9      | 38.90                     | 6.89  | 36.30 | 6.39  | 33.50 | 6.04  | 32.10 | 5.77  | 30.70 | 5.50  | 28.10 | 5.04  |
|        | 11                | 9.8      | 36.20                     | 5.85  | 33.50 | 5.42  | 30.80 | 5.09  | 29.30 | 4.86  | 27.90 | 4.62  | 25.20 | 4.21  |
|        | 13                | 11.8     | 33.30                     | 4.97  | 30.70 | 4.58  | 27.90 | 4.29  | 26.40 | 4.08  | 25.00 | 3.88  | 22.20 | 3.53  |
|        | 15                | 13.7     | 30.40                     | 4.23  | 27.70 | 3.89  | 24.90 | 3.63  | 23.40 | 3.45  | 21.90 | 3.27  | 19.20 | 2.96  |
| 50     | -30               | -30.2    | 24.60                     | 17.95 | 23.20 | 20.07 | 21.80 | 19.00 | 21.10 | 18.01 | 20.40 | 17.07 | 19.00 | 16.22 |
|        | -24.8             | -25      | 38.90                     | 17.16 | 36.70 | 17.31 | 34.50 | 16.41 | 33.40 | 15.56 | 32.30 | 14.76 | 30.10 | 14.01 |
|        | -21.8             | -22      | 38.90                     | 17.24 | 36.70 | 16.34 | 34.50 | 15.49 | 33.40 | 14.70 | 32.30 | 13.95 | 30.10 | 13.23 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 38.90                     | 16.57 | 36.70 | 15.69 | 34.50 | 14.88 | 33.40 | 14.12 | 32.30 | 13.41 | 30.10 | 12.72 |
|        | -18.8             | -19      | 38.90                     | 16.23 | 36.70 | 15.37 | 34.50 | 14.58 | 33.40 | 13.83 | 32.30 | 13.15 | 30.10 | 12.46 |
|        | -16.7             | -17      | 38.90                     | 15.52 | 36.70 | 14.69 | 34.50 | 13.96 | 33.40 | 13.23 | 32.30 | 12.59 | 30.10 | 11.92 |
|        | -15               | -15.9    | 38.90                     | 15.02 | 36.70 | 14.21 | 34.50 | 13.50 | 33.40 | 12.81 | 32.30 | 12.19 | 30.10 | 11.54 |
|        | -13.7             | -15      | 38.90                     | 14.52 | 36.70 | 13.74 | 34.50 | 13.05 | 33.40 | 12.39 | 32.30 | 11.80 | 30.10 | 11.16 |
|        | -11.8             | -13      | 38.90                     | 13.90 | 36.70 | 13.13 | 34.50 | 12.50 | 33.40 | 11.86 | 32.30 | 11.30 | 30.10 | 10.68 |
|        | -9.8              | -11      | 38.90                     | 13.24 | 36.70 | 12.51 | 34.50 | 11.91 | 33.40 | 11.29 | 32.30 | 10.78 | 30.10 | 10.18 |
|        | -9.5              | -10      | 38.90                     | 13.14 | 36.70 | 12.41 | 34.50 | 11.82 | 33.40 | 11.21 | 32.30 | 10.70 | 30.10 | 10.11 |
|        | -8.5              | -9.1     | 38.90                     | 12.82 | 36.70 | 12.10 | 34.50 | 11.53 | 33.40 | 10.93 | 32.30 | 10.44 | 30.10 | 9.86  |
|        | -7                | -7.6     | 38.90                     | 12.33 | 36.70 | 11.63 | 34.50 | 11.09 | 33.40 | 10.53 | 32.30 | 10.06 | 30.10 | 9.48  |
|        | -5                | -5.6     | 38.90                     | 11.71 | 36.70 | 11.04 | 34.50 | 10.54 | 33.40 | 10.00 | 32.30 | 9.58  | 30.10 | 9.02  |
|        | -3                | -3.7     | 38.90                     | 11.10 | 36.70 | 10.45 | 34.50 | 9.99  | 33.40 | 9.48  | 32.30 | 9.09  | 30.10 | 8.55  |
|        | 0                 | -0.7     | 38.90                     | 10.17 | 36.70 | 9.57  | 34.50 | 9.16  | 33.40 | 8.69  | 32.30 | 8.36  | 30.10 | 7.85  |
|        | 3                 | 2.2      | 38.90                     | 9.25  | 36.70 | 8.69  | 34.50 | 8.34  | 33.40 | 7.92  | 32.30 | 7.63  | 30.10 | 7.15  |
|        | 5                 | 4.1      | 36.80                     | 8.01  | 34.60 | 7.48  | 32.40 | 7.17  | 31.30 | 6.80  | 30.20 | 6.57  | 27.90 | 6.11  |
|        | 7                 | 6        | 34.70                     | 6.86  | 32.40 | 6.39  | 30.20 | 6.12  | 29.10 | 5.79  | 28.00 | 5.59  | 25.70 | 5.18  |
|        | 9                 | 7.9      | 32.50                     | 5.70  | 30.20 | 5.29  | 28.00 | 5.06  | 26.80 | 4.78  | 25.70 | 4.60  | 23.40 | 4.24  |
|        | 11                | 9.8      | 30.20                     | 4.89  | 27.90 | 4.53  | 25.60 | 4.30  | 24.50 | 4.06  | 23.30 | 3.90  | 21.00 | 3.59  |
|        | 13                | 11.8     | 27.80                     | 4.19  | 25.50 | 3.86  | 23.20 | 3.67  | 22.10 | 3.46  | 20.90 | 3.32  | 18.50 | 3.04  |
|        | 15                | 13.7     | 25.40                     | 3.60  | 23.10 | 3.31  | 20.70 | 3.14  | 19.50 | 2.95  | 18.40 | 2.83  | 16.00 | 2.58  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM240LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 29.20                     | 26.87 | 29.20 | 27.09 | 29.00 | 27.28 | 29.00 | 27.56 | 29.00 | 27.85 | 28.50 | 28.32 |
|        | -24.8             | -25      | 48.70                     | 27.64 | 48.70 | 27.87 | 48.30 | 28.06 | 48.30 | 28.35 | 48.30 | 28.64 | 47.50 | 29.09 |
|        | -21.8             | -22      | 60.00                     | 28.09 | 60.00 | 28.32 | 59.60 | 28.51 | 59.60 | 28.81 | 59.60 | 29.10 | 58.40 | 29.54 |
|        | -19.8             | -20      | 63.70                     | 28.40 | 63.70 | 28.62 | 63.20 | 28.82 | 63.20 | 29.12 | 63.20 | 29.40 | 62.10 | 29.85 |
|        | -18.8             | -19      | 65.20                     | 28.55 | 65.20 | 28.78 | 64.70 | 28.97 | 64.70 | 29.27 | 64.70 | 29.55 | 63.50 | 30.00 |
|        | -16.7             | -17      | 68.20                     | 28.87 | 68.20 | 29.09 | 67.70 | 29.29 | 67.70 | 29.59 | 67.70 | 29.88 | 66.50 | 30.32 |
|        | -15               | -15.9    | 70.30                     | 29.10 | 70.30 | 29.33 | 69.90 | 29.52 | 69.90 | 29.82 | 69.90 | 30.11 | 68.50 | 29.78 |
|        | -13.7             | -15      | 72.50                     | 29.33 | 72.50 | 29.55 | 72.00 | 29.75 | 72.00 | 30.05 | 72.00 | 30.33 | 70.60 | 29.23 |
|        | -11.8             | -13      | 74.80                     | 29.62 | 74.80 | 29.84 | 74.40 | 30.03 | 74.40 | 30.34 | 74.40 | 29.60 | 73.30 | 28.54 |
|        | -9.8              | -11      | 77.30                     | 29.92 | 77.30 | 30.15 | 76.80 | 30.34 | 76.80 | 29.57 | 76.80 | 28.83 | 76.10 | 27.81 |
|        | -9.5              | -10      | 77.70                     | 29.98 | 77.70 | 30.19 | 77.30 | 30.22 | 77.30 | 29.45 | 77.20 | 28.72 | 76.50 | 27.69 |
|        | -8.5              | -9.1     | 79.20                     | 30.12 | 79.20 | 30.34 | 78.80 | 29.83 | 78.80 | 29.05 | 78.50 | 28.33 | 77.90 | 27.33 |
|        | -7                | -7.6     | 81.50                     | 30.35 | 81.50 | 29.78 | 80.90 | 29.24 | 80.90 | 28.48 | 80.90 | 27.74 | 80.00 | 26.79 |
|        | -5                | -5.6     | 84.50                     | 29.62 | 84.50 | 29.00 | 83.90 | 28.44 | 83.90 | 27.69 | 83.90 | 26.97 | 82.70 | 26.05 |
|        | -3                | -3.7     | 87.50                     | 28.88 | 87.50 | 28.24 | 86.90 | 27.65 | 86.90 | 26.90 | 86.90 | 26.19 | 85.30 | 25.25 |
|        | 0                 | -0.7     | 92.00                     | 27.78 | 92.00 | 27.09 | 91.30 | 26.46 | 91.30 | 25.73 | 91.30 | 25.03 | 85.30 | 23.00 |
|        | 3                 | 2.2      | 96.50                     | 26.68 | 96.50 | 25.92 | 95.80 | 25.27 | 95.00 | 24.34 | 91.60 | 22.81 | 85.30 | 21.93 |
|        | 5                 | 4.1      | 97.00                     | 25.26 | 92.00 | 22.68 | 91.30 | 22.02 | 89.00 | 20.83 | 85.50 | 19.91 | 79.20 | 19.20 |
|        | 7                 | 6        | 87.50                     | 20.41 | 86.30 | 19.43 | 85.20 | 18.76 | 82.70 | 17.98 | 79.30 | 17.35 | 72.80 | 16.62 |
|        | 9                 | 7.9      | 81.50                     | 17.83 | 80.40 | 17.04 | 78.80 | 16.31 | 76.30 | 15.72 | 72.80 | 15.12 | 66.30 | 14.38 |
| 120    | 11                | 9.8      | 75.70                     | 15.78 | 74.20 | 15.01 | 72.30 | 14.29 | 69.60 | 13.71 | 66.20 | 13.14 | 59.50 | 12.39 |
|        | 13                | 11.8     | 69.80                     | 13.82 | 67.90 | 13.05 | 65.50 | 12.33 | 62.70 | 11.79 | 59.20 | 11.25 | 52.60 | 10.50 |
|        | 15                | 13.7     | 63.60                     | 11.91 | 61.30 | 11.18 | 58.40 | 10.47 | 55.60 | 9.96  | 52.10 | 9.46  | 45.30 | 8.72  |
|        | -30               | -30.2    | 29.00                     | 27.09 | 29.00 | 27.28 | 28.80 | 27.56 | 28.80 | 27.85 | 28.80 | 28.32 | 28.30 | 28.61 |
|        | -24.8             | -25      | 48.30                     | 27.87 | 48.30 | 28.06 | 48.00 | 28.35 | 48.00 | 28.64 | 48.00 | 29.09 | 47.20 | 29.40 |
|        | -21.8             | -22      | 59.60                     | 28.32 | 59.60 | 28.51 | 59.20 | 28.81 | 59.20 | 29.10 | 59.20 | 29.54 | 58.10 | 29.86 |
|        | -19.8             | -20      | 63.20                     | 28.62 | 63.20 | 28.82 | 62.80 | 29.12 | 62.80 | 29.40 | 62.80 | 29.85 | 61.60 | 30.16 |
|        | -18.8             | -19      | 64.60                     | 28.78 | 64.60 | 28.97 | 64.20 | 29.27 | 64.20 | 29.55 | 64.20 | 30.00 | 63.00 | 30.31 |
|        | -16.7             | -17      | 67.60                     | 29.09 | 67.60 | 29.29 | 67.20 | 29.59 | 67.20 | 29.88 | 67.20 | 30.32 | 65.90 | 29.61 |
|        | -15               | -15.9    | 69.80                     | 29.33 | 69.80 | 29.52 | 69.30 | 29.82 | 69.30 | 30.11 | 69.30 | 29.80 | 68.00 | 29.11 |
|        | -13.7             | -15      | 71.90                     | 29.55 | 71.90 | 29.75 | 71.50 | 30.05 | 71.50 | 30.33 | 71.50 | 29.28 | 70.10 | 28.61 |
|        | -11.8             | -13      | 74.30                     | 29.84 | 74.30 | 30.03 | 73.80 | 30.34 | 73.80 | 29.59 | 73.80 | 28.61 | 72.80 | 27.98 |
|        | -9.8              | -11      | 76.70                     | 30.15 | 76.70 | 30.34 | 76.30 | 29.52 | 76.30 | 28.81 | 76.30 | 27.92 | 75.60 | 27.31 |
|        | -9.5              | -10      | 77.20                     | 30.19 | 77.20 | 30.21 | 76.70 | 29.41 | 76.70 | 28.70 | 76.70 | 27.81 | 76.00 | 27.20 |
|        | -8.5              | -9.1     | 78.70                     | 30.34 | 78.70 | 29.78 | 78.10 | 29.00 | 78.10 | 28.31 | 78.10 | 27.47 | 77.30 | 26.87 |
|        | -7                | -7.6     | 80.90                     | 29.71 | 80.90 | 29.14 | 80.40 | 28.39 | 80.40 | 27.72 | 80.40 | 26.95 | 79.40 | 26.37 |
|        | -5                | -5.6     | 83.90                     | 28.86 | 83.90 | 28.28 | 83.40 | 27.57 | 83.40 | 26.94 | 83.40 | 26.24 | 80.10 | 25.04 |
|        | -3                | -3.7     | 86.80                     | 28.01 | 86.80 | 27.43 | 86.30 | 26.75 | 86.30 | 26.16 | 86.20 | 25.53 | 80.10 | 23.73 |
|        | 0                 | -0.7     | 91.30                     | 26.74 | 91.30 | 26.14 | 90.70 | 25.53 | 89.00 | 24.51 | 86.20 | 23.28 | 80.10 | 22.77 |
|        | 3                 | 2.2      | 95.70                     | 25.47 | 95.70 | 24.85 | 92.00 | 23.50 | 89.00 | 22.59 | 86.20 | 22.23 | 80.10 | 21.81 |
|        | 5                 | 4.1      | 91.70                     | 22.28 | 90.40 | 21.40 | 86.40 | 20.38 | 83.30 | 19.93 | 80.50 | 19.63 | 74.30 | 19.17 |
|        | 7                 | 6        | 86.40                     | 19.10 | 84.80 | 18.36 | 80.50 | 17.85 | 77.50 | 17.41 | 74.60 | 17.17 | 68.40 | 16.66 |
|        | 9                 | 7.9      | 80.90                     | 16.82 | 79.00 | 16.17 | 74.50 | 15.63 | 71.50 | 15.21 | 68.50 | 14.95 | 62.30 | 14.40 |
|        | 11                | 9.8      | 75.20                     | 14.87 | 72.90 | 14.22 | 68.30 | 13.66 | 65.20 | 13.26 | 62.30 | 12.97 | 55.90 | 12.39 |
|        | 13                | 11.8     | 69.30                     | 12.99 | 66.70 | 12.35 | 61.90 | 11.79 | 58.80 | 11.39 | 55.80 | 11.10 | 49.30 | 10.50 |
|        | 15                | 13.7     | 63.20                     | 11.19 | 60.20 | 10.56 | 55.30 | 10.00 | 52.10 | 9.62  | 49.00 | 9.32  | 42.50 | 8.72  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 28.90                     | 27.28 | 28.90 | 27.56 | 28.70 | 27.85 | 28.70 | 28.32 | 28.70 | 28.61 | 28.10 | 28.78 |
|        | -24.8             | -25      | 48.10                     | 28.06 | 48.10 | 28.35 | 47.80 | 28.64 | 47.80 | 29.09 | 47.80 | 29.40 | 46.80 | 29.56 |
|        | -21.8             | -22      | 59.30                     | 28.51 | 59.30 | 28.81 | 58.80 | 29.10 | 58.80 | 29.54 | 58.80 | 29.86 | 57.80 | 30.00 |
|        | -19.8             | -20      | 62.90                     | 28.82 | 62.90 | 29.12 | 62.50 | 29.40 | 62.50 | 29.85 | 62.50 | 30.16 | 61.30 | 30.31 |
|        | -18.8             | -19      | 64.30                     | 28.97 | 64.30 | 29.27 | 63.90 | 29.55 | 63.90 | 30.00 | 63.90 | 30.31 | 62.70 | 29.94 |
|        | -16.7             | -17      | 67.30                     | 29.29 | 67.30 | 29.59 | 66.90 | 29.88 | 66.90 | 30.32 | 66.90 | 29.56 | 65.60 | 29.15 |
|        | -15               | -15.9    | 69.40                     | 29.52 | 69.40 | 29.82 | 69.00 | 30.11 | 69.00 | 29.74 | 69.00 | 29.01 | 68.30 | 28.59 |
|        | -13.7             | -15      | 71.50                     | 29.75 | 71.50 | 30.05 | 71.10 | 30.33 | 71.10 | 29.17 | 71.10 | 28.46 | 71.10 | 28.03 |
|        | -11.8             | -13      | 73.80                     | 30.03 | 73.80 | 30.34 | 73.40 | 29.52 | 73.40 | 28.43 | 73.40 | 27.76 | 72.10 | 26.82 |
|        | -9.8              | -11      | 76.30                     | 30.34 | 76.30 | 29.42 | 75.90 | 28.66 | 75.90 | 27.66 | 75.90 | 27.04 | 72.10 | 25.35 |
|        | -9.5              | -10      | 76.70                     | 30.19 | 76.70 | 29.28 | 76.30 | 28.52 | 76.30 | 27.54 | 76.30 | 26.93 | 72.10 | 25.10 |
|        | -8.5              | -9.1     | 78.20                     | 29.70 | 78.20 | 28.82 | 77.80 | 28.09 | 77.80 | 27.16 | 77.20 | 26.34 | 72.10 | 24.74 |
|        | -7                | -7.6     | 80.50                     | 28.95 | 80.50 | 28.13 | 80.00 | 27.45 | 79.90 | 26.57 | 77.20 | 25.11 | 72.10 | 24.21 |
|        | -5                | -5.6     | 83.40                     | 27.96 | 83.40 | 27.19 | 82.60 | 26.50 | 79.90 | 24.90 | 77.20 | 23.99 | 72.10 | 23.49 |
|        | -3                | -3.7     | 86.40                     | 26.96 | 86.40 | 26.27 | 82.60 | 24.74 | 79.90 | 23.74 | 77.20 | 23.28 | 72.10 | 22.77 |
|        | 0                 | -0.7     | 90.80                     | 25.46 | 88.10 | 24.14 | 82.60 | 23.18 | 79.90 | 22.64 | 77.20 | 22.24 | 72.10 | 21.70 |
|        | 3                 | 2.2      | 93.20                     | 23.46 | 88.10 | 22.29 | 82.60 | 21.94 | 79.90 | 21.53 | 77.20 | 21.19 | 72.10 | 20.61 |
|        | 5                 | 4.1      | 88.20                     | 20.10 | 83.10 | 19.68 | 77.50 | 19.34 | 74.80 | 18.99 | 72.10 | 18.67 | 66.90 | 18.04 |
|        | 7                 | 6        | 83.10                     | 17.61 | 77.90 | 17.22 | 72.30 | 16.88 | 69.60 | 16.59 | 66.80 | 16.30 | 61.60 | 15.61 |
|        | 9                 | 7.9      | 77.80                     | 15.53 | 72.50 | 15.12 | 66.90 | 14.74 | 64.20 | 14.45 | 61.40 | 14.15 | 56.00 | 13.46 |
|        | 11                | 9.8      | 72.30                     | 13.69 | 67.00 | 13.25 | 61.40 | 12.85 | 58.60 | 12.55 | 55.80 | 12.24 | 50.30 | 11.56 |
|        | 13                | 11.8     | 66.70                     | 11.90 | 61.30 | 11.46 | 55.60 | 11.04 | 52.80 | 10.75 | 49.90 | 10.44 | 44.40 | 9.76  |
|        | 15                | 13.7     | 60.80                     | 10.21 | 55.30 | 9.77  | 49.60 | 9.34  | 46.80 | 9.05  | 43.90 | 8.75  | 38.30 | 8.09  |
| 100    | -30               | -30.2    | 28.70                     | 31.43 | 28.70 | 31.32 | 28.60 | 27.36 | 28.60 | 31.04 | 28.60 | 30.18 | 28.00 | 30.87 |
|        | -24.8             | -25      | 47.90                     | 31.15 | 47.90 | 31.04 | 47.60 | 28.95 | 47.60 | 30.76 | 47.60 | 30.64 | 46.60 | 30.59 |
|        | -21.8             | -22      | 58.90                     | 30.98 | 58.90 | 30.88 | 58.60 | 29.88 | 58.60 | 30.60 | 58.60 | 30.91 | 57.40 | 30.42 |
|        | -19.8             | -20      | 62.60                     | 30.88 | 62.60 | 30.76 | 62.30 | 30.45 | 62.30 | 30.49 | 62.30 | 30.52 | 61.10 | 30.31 |
|        | -18.8             | -19      | 64.00                     | 30.83 | 63.70 | 30.71 | 63.70 | 30.60 | 63.70 | 30.43 | 63.70 | 30.31 | 62.40 | 29.85 |
|        | -16.7             | -17      | 66.60                     | 30.72 | 66.60 | 30.60 | 66.60 | 30.92 | 66.20 | 30.32 | 66.20 | 29.36 | 65.00 | 28.88 |
|        | -15               | -15.9    | 68.90                     | 30.64 | 68.90 | 30.52 | 68.60 | 30.63 | 68.50 | 29.63 | 68.50 | 28.68 | 65.90 | 27.63 |
|        | -13.7             | -15      | 71.20                     | 30.56 | 71.20 | 30.44 | 70.70 | 30.33 | 70.70 | 28.94 | 70.70 | 27.97 | 65.90 | 26.07 |
|        | -11.8             | -13      | 73.50                     | 30.45 | 73.10 | 30.34 | 73.10 | 29.41 | 73.10 | 28.06 | 70.70 | 26.23 | 65.90 | 25.24 |
|        | -9.8              | -11      | 75.90                     | 30.34 | 75.90 | 29.31 | 75.60 | 28.44 | 73.10 | 26.27 | 70.70 | 24.88 | 65.90 | 24.36 |
|        | -9.5              | -10      | 76.30                     | 30.18 | 76.30 | 29.15 | 75.60 | 28.14 | 73.10 | 25.99 | 70.70 | 24.75 | 65.90 | 24.22 |
|        | -8.5              | -9.1     | 77.80                     | 29.65 | 77.80 | 28.63 | 75.60 | 27.11 | 73.10 | 25.19 | 70.70 | 24.32 | 65.90 | 23.78 |
|        | -7                | -7.6     | 81.40                     | 28.84 | 80.40 | 27.66 | 75.60 | 25.69 | 73.10 | 24.54 | 70.70 | 23.67 | 65.90 | 23.12 |
|        | -5                | -5.6     | 84.90                     | 27.75 | 80.40 | 25.68 | 75.60 | 24.77 | 73.10 | 23.65 | 70.70 | 22.80 | 65.90 | 22.23 |
|        | -3                | -3.7     | 85.20                     | 26.03 | 80.40 | 24.47 | 75.60 | 23.84 | 73.10 | 22.77 | 70.70 | 21.93 | 65.90 | 21.34 |
|        | 0                 | -0.7     | 85.20                     | 23.77 | 80.40 | 22.99 | 75.60 | 22.45 | 73.10 | 21.45 | 70.70 | 20.62 | 65.90 | 20.01 |
|        | 3                 | 2.2      | 85.20                     | 22.23 | 80.40 | 21.51 | 75.60 | 21.06 | 73.10 | 20.13 | 70.70 | 19.32 | 65.90 | 18.68 |
|        | 5                 | 4.1      | 80.70                     | 19.58 | 75.80 | 18.89 | 71.00 | 18.45 | 68.40 | 17.62 | 66.00 | 16.83 | 61.20 | 16.15 |
|        | 7                 | 6        | 76.00                     | 17.09 | 71.10 | 16.43 | 66.20 | 16.02 | 63.60 | 15.25 | 61.20 | 14.52 | 56.30 | 13.81 |
|        | 9                 | 7.9      | 71.10                     | 15.02 | 66.20 | 14.38 | 61.30 | 13.94 | 58.70 | 13.24 | 56.20 | 12.57 | 51.20 | 11.87 |
|        | 11                | 9.8      | 66.10                     | 13.19 | 61.10 | 12.57 | 56.20 | 12.12 | 53.60 | 11.47 | 51.10 | 10.85 | 46.00 | 10.17 |
|        | 13                | 11.8     | 60.90                     | 11.45 | 55.90 | 10.84 | 50.90 | 10.39 | 48.30 | 9.80  | 45.70 | 9.23  | 40.60 | 8.57  |
|        | 15                | 13.7     | 55.60                     | 9.79  | 50.50 | 9.22  | 45.40 | 8.77  | 42.80 | 8.23  | 40.20 | 7.73  | 35.00 | 7.09  |
| 90     | -30               | -30.2    | 28.60                     | 26.92 | 28.60 | 27.34 | 28.40 | 27.68 | 28.40 | 27.80 | 28.40 | 28.11 | 27.90 | 31.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 47.70                     | 27.70 | 47.70 | 28.14 | 47.40 | 28.46 | 47.40 | 28.60 | 47.40 | 28.90 | 46.50 | 29.36 |
|        | -21.8             | -22      | 58.70                     | 28.15 | 58.70 | 28.60 | 58.40 | 28.91 | 58.40 | 29.06 | 58.40 | 29.36 | 57.20 | 28.13 |
|        | -19.8             | -20      | 62.40                     | 28.45 | 62.40 | 28.91 | 62.00 | 29.22 | 62.00 | 29.37 | 62.00 | 28.52 | 60.20 | 27.05 |
|        | -18.8             | -19      | 64.00                     | 28.61 | 63.70 | 29.06 | 63.30 | 29.37 | 63.30 | 28.94 | 63.30 | 28.10 | 60.20 | 26.05 |
|        | -16.7             | -17      | 66.60                     | 28.93 | 66.60 | 29.38 | 66.30 | 28.48 | 66.30 | 28.03 | 64.90 | 26.62 | 60.20 | 24.70 |
|        | -15               | -15.9    | 68.90                     | 29.16 | 68.90 | 28.72 | 68.40 | 27.85 | 67.00 | 26.82 | 64.90 | 25.61 | 60.20 | 24.11 |
|        | -13.7             | -15      | 71.20                     | 29.39 | 71.20 | 28.05 | 69.20 | 26.68 | 67.00 | 25.41 | 64.90 | 24.63 | 60.20 | 23.53 |
|        | -11.8             | -13      | 73.50                     | 28.48 | 73.10 | 27.22 | 69.20 | 25.08 | 67.00 | 24.59 | 64.90 | 23.88 | 60.20 | 22.78 |
|        | -9.8              | -11      | 75.90                     | 27.53 | 73.40 | 25.48 | 69.20 | 24.24 | 67.00 | 23.76 | 64.90 | 23.08 | 60.20 | 22.00 |
|        | -9.5              | -10      | 76.30                     | 27.38 | 73.40 | 25.21 | 69.20 | 24.12 | 67.00 | 23.64 | 64.90 | 22.95 | 60.20 | 21.88 |
|        | -8.5              | -9.1     | 77.80                     | 26.91 | 73.40 | 24.47 | 69.20 | 23.71 | 67.00 | 23.23 | 64.90 | 22.56 | 60.20 | 21.49 |
|        | -7                | -7.6     | 78.00                     | 25.11 | 73.40 | 23.81 | 69.20 | 23.11 | 67.00 | 22.61 | 64.90 | 21.96 | 60.20 | 20.90 |
|        | -5                | -5.6     | 78.00                     | 23.94 | 73.40 | 22.97 | 69.20 | 22.30 | 67.00 | 21.79 | 64.90 | 21.16 | 60.20 | 20.12 |
|        | -3                | -3.7     | 78.00                     | 23.03 | 73.40 | 22.13 | 69.20 | 21.49 | 67.00 | 20.96 | 64.90 | 20.35 | 60.20 | 19.34 |
|        | 0                 | -0.7     | 78.00                     | 21.67 | 73.40 | 20.86 | 69.20 | 20.27 | 67.00 | 19.72 | 64.90 | 19.14 | 60.20 | 18.16 |
|        | 3                 | 2.2      | 78.00                     | 20.30 | 73.40 | 19.59 | 69.20 | 19.05 | 67.00 | 18.49 | 64.90 | 17.94 | 60.20 | 16.97 |
|        | 5                 | 4.1      | 73.80                     | 17.92 | 69.20 | 17.27 | 65.00 | 16.74 | 62.70 | 16.17 | 60.60 | 15.65 | 55.90 | 14.71 |
|        | 7                 | 6        | 69.50                     | 15.69 | 64.90 | 15.10 | 60.60 | 14.57 | 58.30 | 14.02 | 56.20 | 13.54 | 51.40 | 12.62 |
|        | 9                 | 7.9      | 65.10                     | 13.64 | 60.40 | 13.07 | 56.10 | 12.56 | 53.80 | 12.05 | 51.60 | 11.60 | 46.80 | 10.75 |
|        | 11                | 9.8      | 60.50                     | 11.75 | 55.80 | 11.20 | 51.40 | 10.70 | 49.10 | 10.23 | 46.90 | 9.82  | 42.00 | 9.03  |
|        | 13                | 11.8     | 55.80                     | 9.99  | 51.10 | 9.48  | 46.60 | 9.01  | 44.20 | 8.58  | 42.00 | 8.20  | 37.10 | 7.48  |
|        | 15                | 13.7     | 50.90                     | 8.39  | 46.10 | 7.92  | 41.60 | 7.46  | 39.20 | 7.09  | 36.90 | 6.74  | 32.00 | 6.09  |
| 80     | -30               | -30.2    | 28.50                     | 23.62 | 28.50 | 24.09 | 28.30 | 24.41 | 28.30 | 24.03 | 28.30 | 27.96 | 27.80 | 26.81 |
|        | -24.8             | -25      | 47.50                     | 24.42 | 47.50 | 24.87 | 47.20 | 25.19 | 47.20 | 25.34 | 47.20 | 26.08 | 46.30 | 24.99 |
|        | -21.8             | -22      | 58.10                     | 24.88 | 58.10 | 25.32 | 58.10 | 25.64 | 58.10 | 26.09 | 57.90 | 24.90 | 53.80 | 22.72 |
|        | -19.8             | -20      | 61.70                     | 25.18 | 61.70 | 25.63 | 61.70 | 26.09 | 60.00 | 24.62 | 57.90 | 23.03 | 53.80 | 22.05 |
|        | -18.8             | -19      | 63.10                     | 25.33 | 63.10 | 26.10 | 61.80 | 25.18 | 60.00 | 23.71 | 57.90 | 22.68 | 53.80 | 21.73 |
|        | -16.7             | -17      | 65.20                     | 26.10 | 65.20 | 25.29 | 61.80 | 23.62 | 60.00 | 22.90 | 57.90 | 21.97 | 53.80 | 21.04 |
|        | -15               | -15.9    | 66.70                     | 25.51 | 65.90 | 24.69 | 61.80 | 23.07 | 60.00 | 22.36 | 57.90 | 21.45 | 53.80 | 20.54 |
|        | -13.7             | -15      | 68.20                     | 24.91 | 65.90 | 23.82 | 61.80 | 22.52 | 60.00 | 21.81 | 57.90 | 20.93 | 53.80 | 20.04 |
|        | -11.8             | -13      | 69.80                     | 24.15 | 65.90 | 22.77 | 61.80 | 21.82 | 60.00 | 21.12 | 57.90 | 20.28 | 53.80 | 19.41 |
|        | -9.8              | -11      | 69.90                     | 22.79 | 65.90 | 21.72 | 61.80 | 21.08 | 60.00 | 20.39 | 57.90 | 19.58 | 53.80 | 18.74 |
|        | -9.5              | -10      | 69.90                     | 22.50 | 65.90 | 21.47 | 61.80 | 20.97 | 60.00 | 20.28 | 57.90 | 19.48 | 53.80 | 18.65 |
|        | -8.5              | -9.1     | 69.90                     | 21.89 | 65.90 | 21.00 | 61.80 | 20.60 | 60.00 | 19.92 | 57.90 | 19.15 | 53.80 | 18.32 |
|        | -7                | -7.6     | 69.90                     | 21.10 | 65.90 | 20.45 | 61.80 | 20.05 | 60.00 | 19.37 | 57.90 | 18.63 | 53.80 | 17.82 |
|        | -5                | -5.6     | 69.90                     | 20.34 | 65.90 | 19.72 | 61.80 | 19.30 | 60.00 | 18.64 | 57.90 | 17.93 | 53.80 | 17.15 |
|        | -3                | -3.7     | 69.90                     | 19.58 | 65.90 | 18.98 | 61.80 | 18.56 | 60.00 | 17.91 | 57.90 | 17.24 | 53.80 | 16.48 |
|        | 0                 | -0.7     | 69.90                     | 18.43 | 65.90 | 17.89 | 61.80 | 17.46 | 60.00 | 16.81 | 57.90 | 16.20 | 53.80 | 15.49 |
|        | 3                 | 2.2      | 69.90                     | 17.29 | 65.90 | 16.78 | 61.80 | 16.34 | 60.00 | 15.70 | 57.90 | 15.16 | 53.80 | 14.48 |
|        | 5                 | 4.1      | 66.20                     | 15.30 | 62.10 | 14.80 | 58.00 | 14.34 | 56.20 | 13.73 | 54.10 | 13.23 | 49.90 | 12.58 |
|        | 7                 | 6        | 62.30                     | 13.42 | 58.30 | 12.94 | 54.10 | 12.46 | 52.20 | 11.90 | 50.10 | 11.45 | 45.90 | 10.82 |
|        | 9                 | 7.9      | 58.30                     | 11.52 | 54.30 | 11.07 | 50.10 | 10.60 | 48.20 | 10.09 | 46.00 | 9.69  | 41.80 | 9.10  |
|        | 11                | 9.8      | 54.20                     | 9.69  | 50.10 | 9.27  | 45.90 | 8.84  | 44.00 | 8.39  | 41.80 | 8.03  | 37.60 | 7.49  |
|        | 13                | 11.8     | 50.00                     | 8.14  | 45.80 | 7.74  | 41.60 | 7.35  | 39.60 | 6.95  | 37.40 | 6.62  | 33.10 | 6.13  |
|        | 15                | 13.7     | 45.60                     | 6.82  | 41.40 | 6.45  | 37.10 | 6.08  | 35.10 | 5.73  | 32.90 | 5.44  | 28.60 | 4.99  |
| 70     | -30               | -30.2    | 28.50                     | 23.82 | 28.50 | 23.97 | 28.30 | 24.27 | 28.30 | 27.59 | 28.30 | 26.26 | 27.80 | 25.06 |
|        | -24.8             | -25      | 47.50                     | 24.62 | 47.50 | 24.77 | 47.20 | 25.07 | 47.20 | 25.53 | 47.20 | 24.33 | 46.10 | 23.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 55.80                     | 25.08 | 55.80 | 25.23 | 52.70 | 24.23 | 50.90 | 23.09 | 49.30 | 22.02 | 46.10 | 21.00 |
|        | -19.8             | -20      | 59.30                     | 24.51 | 55.90 | 24.23 | 52.70 | 23.43 | 50.90 | 22.34 | 49.30 | 21.32 | 46.10 | 20.31 |
|        | -18.8             | -19      | 59.30                     | 24.24 | 55.90 | 23.83 | 52.70 | 23.04 | 50.90 | 21.96 | 49.30 | 20.96 | 46.10 | 19.97 |
|        | -16.7             | -17      | 59.30                     | 23.38 | 55.90 | 22.96 | 52.70 | 22.21 | 50.90 | 21.16 | 49.30 | 20.23 | 46.10 | 19.25 |
|        | -15               | -15.9    | 59.30                     | 22.78 | 55.90 | 22.35 | 52.70 | 21.61 | 50.90 | 20.60 | 49.30 | 19.70 | 46.10 | 18.74 |
|        | -13.7             | -15      | 59.30                     | 22.17 | 55.90 | 21.73 | 52.70 | 21.01 | 50.90 | 20.04 | 49.30 | 19.16 | 46.10 | 18.22 |
|        | -11.8             | -13      | 59.30                     | 21.40 | 55.90 | 20.96 | 52.70 | 20.26 | 50.90 | 19.31 | 49.30 | 18.49 | 46.10 | 17.58 |
|        | -9.8              | -11      | 59.30                     | 20.59 | 55.90 | 20.13 | 52.70 | 19.47 | 50.90 | 18.56 | 49.30 | 17.79 | 46.10 | 16.89 |
|        | -9.5              | -10      | 59.30                     | 20.47 | 55.90 | 20.00 | 52.70 | 19.35 | 50.90 | 18.44 | 49.30 | 17.68 | 46.10 | 16.79 |
|        | -8.5              | -9.1     | 59.30                     | 20.07 | 55.90 | 19.60 | 52.70 | 18.95 | 50.90 | 18.06 | 49.30 | 17.32 | 46.10 | 16.44 |
|        | -7                | -7.6     | 59.30                     | 19.45 | 55.90 | 18.98 | 52.70 | 18.36 | 50.90 | 17.50 | 49.30 | 16.79 | 46.10 | 15.93 |
|        | -5                | -5.6     | 59.30                     | 18.64 | 55.90 | 18.16 | 52.70 | 17.55 | 50.90 | 16.74 | 49.30 | 16.08 | 46.10 | 15.24 |
|        | -3                | -3.7     | 59.30                     | 17.83 | 55.90 | 17.33 | 52.70 | 16.75 | 50.90 | 15.98 | 49.30 | 15.37 | 46.10 | 14.55 |
|        | 0                 | -0.7     | 59.30                     | 16.61 | 55.90 | 16.09 | 52.70 | 15.56 | 50.90 | 14.84 | 49.30 | 14.31 | 46.10 | 13.52 |
|        | 3                 | 2.2      | 59.30                     | 15.39 | 55.90 | 14.86 | 52.70 | 14.36 | 50.90 | 13.71 | 49.30 | 13.24 | 46.10 | 12.49 |
|        | 5                 | 4.1      | 56.10                     | 13.50 | 52.70 | 12.96 | 49.50 | 12.49 | 47.70 | 11.90 | 46.00 | 11.49 | 42.80 | 10.77 |
|        | 7                 | 6        | 52.90                     | 11.75 | 49.40 | 11.21 | 46.10 | 10.75 | 44.30 | 10.22 | 42.70 | 9.87  | 39.40 | 9.18  |
|        | 9                 | 7.9      | 49.50                     | 9.72  | 46.00 | 9.23  | 42.70 | 8.82  | 40.90 | 8.37  | 39.20 | 8.06  | 35.80 | 7.45  |
|        | 11                | 9.8      | 46.00                     | 8.23  | 42.50 | 7.78  | 39.10 | 7.40  | 37.30 | 7.00  | 35.60 | 6.72  | 32.20 | 6.18  |
|        | 13                | 11.8     | 42.40                     | 6.94  | 38.90 | 6.54  | 35.50 | 6.18  | 33.60 | 5.83  | 31.90 | 5.58  | 28.40 | 5.10  |
|        | 15                | 13.7     | 38.70                     | 5.85  | 35.10 | 5.48  | 31.70 | 5.16  | 29.80 | 4.84  | 28.00 | 4.62  | 24.50 | 4.18  |
| 60     | -30               | -30.2    | 28.50                     | 23.57 | 28.50 | 23.87 | 28.30 | 27.35 | 27.60 | 25.91 | 26.60 | 24.59 | 25.00 | 23.38 |
|        | -24.8             | -25      | 47.50                     | 24.37 | 47.50 | 24.67 | 45.20 | 24.06 | 43.60 | 22.62 | 42.10 | 21.48 | 39.50 | 20.40 |
|        | -21.8             | -22      | 50.90                     | 24.69 | 48.10 | 23.85 | 45.20 | 22.62 | 43.60 | 21.48 | 42.10 | 20.40 | 39.50 | 19.36 |
|        | -19.8             | -20      | 50.90                     | 23.85 | 48.10 | 22.99 | 45.20 | 21.81 | 43.60 | 20.72 | 42.10 | 19.69 | 39.50 | 18.67 |
|        | -18.8             | -19      | 50.90                     | 23.42 | 48.10 | 22.56 | 45.20 | 21.41 | 43.60 | 20.34 | 42.10 | 19.33 | 39.50 | 18.32 |
|        | -16.7             | -17      | 50.90                     | 22.51 | 48.10 | 21.66 | 45.20 | 20.56 | 43.60 | 19.54 | 42.10 | 18.58 | 39.50 | 17.59 |
|        | -15               | -15.9    | 50.90                     | 21.86 | 48.10 | 21.02 | 45.20 | 19.95 | 43.60 | 18.97 | 42.10 | 18.04 | 39.50 | 17.08 |
|        | -13.7             | -15      | 50.90                     | 21.21 | 48.10 | 20.38 | 45.20 | 19.35 | 43.60 | 18.40 | 42.10 | 17.51 | 39.50 | 16.56 |
|        | -11.8             | -13      | 50.90                     | 20.39 | 48.10 | 19.56 | 45.20 | 18.57 | 43.60 | 17.67 | 42.10 | 16.83 | 39.50 | 15.90 |
|        | -9.8              | -11      | 50.90                     | 19.53 | 48.10 | 18.70 | 45.20 | 17.76 | 43.60 | 16.92 | 42.10 | 16.11 | 39.50 | 15.21 |
|        | -9.5              | -10      | 50.90                     | 19.40 | 48.10 | 18.57 | 45.20 | 17.64 | 43.60 | 16.80 | 42.10 | 16.00 | 39.50 | 15.10 |
|        | -8.5              | -9.1     | 50.90                     | 18.97 | 48.10 | 18.14 | 45.20 | 17.24 | 43.60 | 16.42 | 42.10 | 15.64 | 39.50 | 14.75 |
|        | -7                | -7.6     | 50.90                     | 18.32 | 48.10 | 17.50 | 45.20 | 16.63 | 43.60 | 15.85 | 42.10 | 15.11 | 39.50 | 14.23 |
|        | -5                | -5.6     | 50.90                     | 17.44 | 48.10 | 16.63 | 45.20 | 15.81 | 43.60 | 15.09 | 42.10 | 14.39 | 39.50 | 13.54 |
|        | -3                | -3.7     | 50.90                     | 16.58 | 48.10 | 15.77 | 45.20 | 14.99 | 43.60 | 14.32 | 42.10 | 13.67 | 39.50 | 12.84 |
|        | 0                 | -0.7     | 50.90                     | 15.27 | 48.10 | 14.48 | 45.20 | 13.78 | 43.60 | 13.17 | 42.10 | 12.58 | 39.50 | 11.80 |
|        | 3                 | 2.2      | 50.90                     | 13.96 | 48.10 | 13.18 | 45.20 | 12.55 | 43.60 | 12.03 | 42.10 | 11.51 | 39.50 | 10.75 |
|        | 5                 | 4.1      | 48.20                     | 12.16 | 45.40 | 11.40 | 42.40 | 10.83 | 40.80 | 10.38 | 39.30 | 9.91  | 36.70 | 9.20  |
|        | 7                 | 6        | 45.40                     | 10.48 | 42.50 | 9.76  | 39.60 | 9.25  | 38.00 | 8.84  | 36.40 | 8.45  | 33.70 | 7.78  |
|        | 9                 | 7.9      | 42.50                     | 8.60  | 39.60 | 7.97  | 36.60 | 7.51  | 35.00 | 7.17  | 33.50 | 6.84  | 30.70 | 6.26  |
|        | 11                | 9.8      | 39.50                     | 7.31  | 36.60 | 6.76  | 33.60 | 6.35  | 32.00 | 6.04  | 30.40 | 5.75  | 27.60 | 5.23  |
|        | 13                | 11.8     | 36.40                     | 6.21  | 33.50 | 5.71  | 30.40 | 5.34  | 28.80 | 5.07  | 27.20 | 4.81  | 24.30 | 4.35  |
|        | 15                | 13.7     | 33.20                     | 5.27  | 30.20 | 4.83  | 27.10 | 4.48  | 25.50 | 4.25  | 23.90 | 4.01  | 21.00 | 3.61  |
| 50     | -30               | -30.2    | 26.80                     | 20.53 | 25.30 | 23.75 | 23.80 | 22.48 | 23.00 | 21.32 | 22.30 | 20.18 | 20.70 | 19.19 |
|        | -24.8             | -25      | 42.40                     | 20.24 | 40.00 | 20.67 | 37.60 | 19.59 | 36.40 | 18.58 | 35.20 | 17.63 | 32.70 | 16.74 |
|        | -21.8             | -22      | 42.40                     | 20.68 | 40.00 | 19.60 | 37.60 | 18.59 | 36.40 | 17.63 | 35.20 | 16.74 | 32.70 | 15.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 42.40                     | 19.93 | 40.00 | 18.88 | 37.60 | 17.92 | 36.40 | 16.99 | 35.20 | 16.15 | 32.70 | 15.31 |
|        | -18.8             | -19      | 42.40                     | 19.55 | 40.00 | 18.52 | 37.60 | 17.58 | 36.40 | 16.69 | 35.20 | 15.85 | 32.70 | 15.03 |
|        | -16.7             | -17      | 42.40                     | 18.77 | 40.00 | 17.77 | 37.60 | 16.89 | 36.40 | 16.02 | 35.20 | 15.24 | 32.70 | 14.43 |
|        | -15               | -15.9    | 42.40                     | 18.21 | 40.00 | 17.23 | 37.60 | 16.38 | 36.40 | 15.54 | 35.20 | 14.80 | 32.70 | 14.01 |
|        | -13.7             | -15      | 42.40                     | 17.65 | 40.00 | 16.70 | 37.60 | 15.88 | 36.40 | 15.07 | 35.20 | 14.35 | 32.70 | 13.58 |
|        | -11.8             | -13      | 42.40                     | 16.95 | 40.00 | 16.02 | 37.60 | 15.24 | 36.40 | 14.46 | 35.20 | 13.79 | 32.70 | 13.04 |
|        | -9.8              | -11      | 42.40                     | 16.20 | 40.00 | 15.30 | 37.60 | 14.57 | 36.40 | 13.82 | 35.20 | 13.19 | 32.70 | 12.46 |
|        | -9.5              | -10      | 42.40                     | 16.08 | 40.00 | 15.20 | 37.60 | 14.47 | 36.40 | 13.73 | 35.20 | 13.11 | 32.70 | 12.38 |
|        | -8.5              | -9.1     | 42.40                     | 15.70 | 40.00 | 14.84 | 37.60 | 14.13 | 36.40 | 13.41 | 35.20 | 12.81 | 32.70 | 12.09 |
|        | -7                | -7.6     | 42.40                     | 15.15 | 40.00 | 14.30 | 37.60 | 13.63 | 36.40 | 12.94 | 35.20 | 12.37 | 32.70 | 11.67 |
|        | -5                | -5.6     | 42.40                     | 14.39 | 40.00 | 13.58 | 37.60 | 12.96 | 36.40 | 12.30 | 35.20 | 11.77 | 32.70 | 11.09 |
|        | -3                | -3.7     | 42.40                     | 13.64 | 40.00 | 12.86 | 37.60 | 12.28 | 36.40 | 11.66 | 35.20 | 11.18 | 32.70 | 10.53 |
|        | 0                 | -0.7     | 42.40                     | 12.52 | 40.00 | 11.77 | 37.60 | 11.27 | 36.40 | 10.70 | 35.20 | 10.29 | 32.70 | 9.66  |
|        | 3                 | 2.2      | 42.40                     | 11.39 | 40.00 | 10.70 | 37.60 | 10.27 | 36.40 | 9.74  | 35.20 | 9.40  | 32.70 | 8.80  |
|        | 5                 | 4.1      | 40.10                     | 9.90  | 37.70 | 9.26  | 35.30 | 8.87  | 34.10 | 8.41  | 32.90 | 8.11  | 30.30 | 7.55  |
|        | 7                 | 6        | 37.80                     | 8.52  | 35.40 | 7.93  | 32.90 | 7.59  | 31.70 | 7.18  | 30.50 | 6.93  | 27.90 | 6.41  |
|        | 9                 | 7.9      | 35.40                     | 7.09  | 32.90 | 6.58  | 30.50 | 6.27  | 29.20 | 5.92  | 28.00 | 5.70  | 25.40 | 5.24  |
|        | 11                | 9.8      | 32.90                     | 6.07  | 30.40 | 5.61  | 27.90 | 5.33  | 26.70 | 5.03  | 25.40 | 4.83  | 22.80 | 4.42  |
|        | 13                | 11.8     | 30.30                     | 5.19  | 27.80 | 4.78  | 25.30 | 4.52  | 24.00 | 4.25  | 22.80 | 4.07  | 20.10 | 3.71  |
|        | 15                | 13.7     | 27.70                     | 4.43  | 25.10 | 4.07  | 22.60 | 3.84  | 21.30 | 3.60  | 20.00 | 3.44  | 17.40 | 3.11  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM260LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 32.50                     | 30.89 | 32.50 | 31.14 | 32.30 | 31.34 | 32.30 | 31.71 | 32.30 | 32.01 | 31.60 | 32.53 |
|        | -24.8             | -25      | 54.10                     | 32.09 | 54.10 | 32.35 | 53.80 | 32.57 | 53.80 | 32.92 | 53.80 | 33.24 | 52.70 | 33.77 |
|        | -21.8             | -22      | 65.70                     | 32.80 | 65.70 | 33.06 | 65.30 | 33.29 | 65.30 | 33.63 | 65.30 | 33.97 | 64.10 | 34.50 |
|        | -19.8             | -20      | 69.30                     | 33.27 | 69.30 | 33.54 | 68.90 | 33.77 | 68.90 | 34.11 | 68.90 | 34.45 | 67.60 | 34.98 |
|        | -18.8             | -19      | 70.80                     | 33.52 | 70.80 | 33.78 | 70.40 | 34.01 | 70.40 | 34.37 | 70.40 | 34.70 | 69.10 | 35.22 |
|        | -16.7             | -17      | 74.00                     | 34.02 | 74.00 | 34.30 | 73.50 | 34.52 | 73.50 | 34.87 | 73.50 | 35.20 | 72.10 | 35.74 |
|        | -15               | -15.9    | 76.20                     | 34.40 | 76.20 | 34.67 | 75.80 | 34.90 | 75.80 | 35.25 | 75.80 | 35.59 | 74.30 | 35.20 |
|        | -13.7             | -15      | 78.50                     | 34.76 | 78.50 | 35.03 | 78.00 | 35.26 | 78.00 | 35.61 | 78.00 | 35.95 | 76.50 | 34.64 |
|        | -11.8             | -13      | 81.10                     | 35.23 | 81.10 | 35.50 | 80.60 | 35.72 | 80.60 | 36.09 | 80.60 | 35.21 | 79.30 | 33.94 |
|        | -9.8              | -11      | 83.70                     | 35.73 | 83.70 | 35.99 | 83.30 | 36.23 | 83.30 | 35.30 | 83.30 | 34.41 | 82.20 | 33.20 |
|        | -9.5              | -10      | 84.20                     | 35.80 | 84.20 | 36.08 | 83.70 | 36.11 | 83.70 | 35.18 | 83.60 | 34.30 | 82.70 | 33.08 |
|        | -8.5              | -9.1     | 85.80                     | 36.06 | 85.80 | 36.33 | 85.40 | 35.71 | 85.40 | 34.78 | 85.00 | 33.91 | 84.10 | 32.72 |
|        | -7                | -7.6     | 88.30                     | 36.44 | 88.30 | 35.74 | 87.70 | 35.10 | 87.70 | 34.18 | 87.70 | 33.30 | 86.30 | 32.15 |
|        | -5                | -5.6     | 91.50                     | 35.55 | 91.50 | 34.81 | 90.90 | 34.14 | 90.90 | 33.24 | 90.90 | 32.38 | 89.20 | 31.27 |
|        | -3                | -3.7     | 94.80                     | 34.67 | 94.80 | 33.90 | 94.20 | 33.19 | 94.20 | 32.30 | 94.20 | 31.44 | 92.10 | 30.38 |
|        | 0                 | -0.7     | 99.60                     | 33.34 | 99.60 | 32.50 | 99.00 | 31.77 | 99.00 | 30.89 | 99.00 | 30.04 | 92.50 | 27.84 |
|        | 3                 | 2.2      | 104.5                     | 32.02 | 104.5 | 31.12 | 103.8 | 30.33 | 102.9 | 29.21 | 99.30 | 27.39 | 92.50 | 26.31 |
|        | 5                 | 4.1      | 105.3                     | 30.37 | 99.80 | 27.19 | 99.00 | 26.40 | 96.30 | 24.95 | 92.70 | 23.87 | 85.80 | 23.00 |
|        | 7                 | 6        | 94.90                     | 24.46 | 93.50 | 23.27 | 92.40 | 22.45 | 89.60 | 21.49 | 85.90 | 20.74 | 79.00 | 19.87 |
|        | 9                 | 7.9      | 88.30                     | 21.31 | 87.10 | 20.35 | 85.50 | 19.48 | 82.60 | 18.75 | 78.90 | 18.03 | 71.90 | 17.14 |
| 120    | 11                | 9.8      | 82.10                     | 18.82 | 80.50 | 17.88 | 78.40 | 17.00 | 75.40 | 16.31 | 71.70 | 15.62 | 64.60 | 14.71 |
|        | 13                | 11.8     | 75.70                     | 16.42 | 73.60 | 15.50 | 71.00 | 14.62 | 68.00 | 13.97 | 64.20 | 13.32 | 57.00 | 12.40 |
|        | 15                | 13.7     | 69.00                     | 14.11 | 66.50 | 13.22 | 63.40 | 12.36 | 60.20 | 11.75 | 56.50 | 11.13 | 49.10 | 10.24 |
|        | -30               | -30.2    | 32.20                     | 31.14 | 32.20 | 31.34 | 32.00 | 31.71 | 32.00 | 32.01 | 32.00 | 32.53 | 31.40 | 32.91 |
|        | -24.8             | -25      | 53.70                     | 32.35 | 53.70 | 32.57 | 53.30 | 32.92 | 53.30 | 33.24 | 53.30 | 33.77 | 52.40 | 34.14 |
|        | -21.8             | -22      | 65.30                     | 33.06 | 65.30 | 33.29 | 64.80 | 33.63 | 64.80 | 33.97 | 64.80 | 34.50 | 63.60 | 34.85 |
|        | -19.8             | -20      | 68.90                     | 33.54 | 68.90 | 33.77 | 68.40 | 34.11 | 68.40 | 34.45 | 68.40 | 34.98 | 67.10 | 35.35 |
|        | -18.8             | -19      | 70.40                     | 33.78 | 70.40 | 34.01 | 69.90 | 34.37 | 69.90 | 34.70 | 69.90 | 35.22 | 68.50 | 35.59 |
|        | -16.7             | -17      | 73.50                     | 34.30 | 73.50 | 34.52 | 73.10 | 34.87 | 73.10 | 35.20 | 73.10 | 35.74 | 71.70 | 34.91 |
|        | -15               | -15.9    | 75.70                     | 34.67 | 75.70 | 34.90 | 75.30 | 35.25 | 75.30 | 35.59 | 75.30 | 35.24 | 73.80 | 34.42 |
|        | -13.7             | -15      | 77.90                     | 35.03 | 77.90 | 35.26 | 77.50 | 35.61 | 77.50 | 35.95 | 77.50 | 34.70 | 76.00 | 33.91 |
|        | -11.8             | -13      | 80.50                     | 35.50 | 80.50 | 35.72 | 80.00 | 36.09 | 80.00 | 35.20 | 80.00 | 34.04 | 78.70 | 33.27 |
|        | -9.8              | -11      | 83.20                     | 35.99 | 83.20 | 36.23 | 82.70 | 35.25 | 82.70 | 34.40 | 82.70 | 33.33 | 81.60 | 32.60 |
|        | -9.5              | -10      | 83.60                     | 36.08 | 83.60 | 36.10 | 83.20 | 35.13 | 83.20 | 34.28 | 83.20 | 33.22 | 82.10 | 32.49 |
|        | -8.5              | -9.1     | 85.20                     | 36.33 | 85.20 | 35.66 | 84.70 | 34.71 | 84.70 | 33.88 | 84.70 | 32.87 | 83.50 | 32.15 |
|        | -7                | -7.6     | 87.70                     | 35.66 | 87.70 | 34.99 | 87.10 | 34.08 | 87.10 | 33.28 | 87.10 | 32.34 | 85.70 | 31.64 |
|        | -5                | -5.6     | 90.90                     | 34.65 | 90.90 | 33.95 | 90.40 | 33.10 | 90.40 | 32.34 | 90.40 | 31.50 | 86.80 | 30.21 |
|        | -3                | -3.7     | 94.10                     | 33.63 | 94.10 | 32.92 | 93.50 | 32.11 | 93.50 | 31.40 | 93.40 | 30.64 | 86.80 | 28.48 |
|        | 0                 | -0.7     | 99.00                     | 32.10 | 99.00 | 31.37 | 98.30 | 30.64 | 96.40 | 29.42 | 93.40 | 27.96 | 86.80 | 27.34 |
|        | 3                 | 2.2      | 103.7                     | 30.57 | 103.7 | 29.83 | 99.70 | 28.20 | 96.40 | 27.11 | 93.40 | 26.69 | 86.80 | 26.18 |
|        | 5                 | 4.1      | 99.40                     | 26.70 | 98.00 | 25.65 | 93.60 | 24.43 | 90.30 | 23.89 | 87.20 | 23.52 | 80.60 | 22.96 |
|        | 7                 | 6        | 93.60                     | 22.88 | 91.90 | 21.98 | 87.30 | 21.35 | 83.90 | 20.84 | 80.80 | 20.53 | 74.10 | 19.92 |
|        | 9                 | 7.9      | 87.60                     | 20.09 | 85.50 | 19.31 | 80.80 | 18.65 | 77.40 | 18.15 | 74.30 | 17.82 | 67.50 | 17.16 |
|        | 11                | 9.8      | 81.50                     | 17.73 | 79.00 | 16.94 | 74.10 | 16.27 | 70.60 | 15.77 | 67.50 | 15.43 | 60.60 | 14.72 |
|        | 13                | 11.8     | 75.10                     | 15.44 | 72.30 | 14.66 | 67.10 | 13.97 | 63.70 | 13.49 | 60.40 | 13.13 | 53.50 | 12.40 |
|        | 15                | 13.7     | 68.50                     | 13.25 | 65.30 | 12.49 | 59.90 | 11.80 | 56.40 | 11.33 | 53.10 | 10.98 | 46.10 | 10.23 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 32.10                     | 31.34 | 32.10 | 31.71 | 31.80 | 32.01 | 31.80 | 32.53 | 31.80 | 32.91 | 31.20 | 33.08 |
|        | -24.8             | -25      | 53.40                     | 32.57 | 53.40 | 32.92 | 53.10 | 33.24 | 53.10 | 33.77 | 53.10 | 34.14 | 52.00 | 34.31 |
|        | -21.8             | -22      | 64.90                     | 33.29 | 64.90 | 33.63 | 64.50 | 33.97 | 64.50 | 34.50 | 64.50 | 34.85 | 63.30 | 35.03 |
|        | -19.8             | -20      | 68.50                     | 33.77 | 68.50 | 34.11 | 68.10 | 34.45 | 68.10 | 34.98 | 68.10 | 35.35 | 66.80 | 35.52 |
|        | -18.8             | -19      | 69.90                     | 34.01 | 69.90 | 34.37 | 69.60 | 34.70 | 69.60 | 35.22 | 69.60 | 35.59 | 68.20 | 35.15 |
|        | -16.7             | -17      | 73.10                     | 34.52 | 73.10 | 34.87 | 72.60 | 35.20 | 72.60 | 35.74 | 72.60 | 34.83 | 71.20 | 34.36 |
|        | -15               | -15.9    | 75.30                     | 34.90 | 75.30 | 35.25 | 74.80 | 35.59 | 74.80 | 35.17 | 74.80 | 34.29 | 74.10 | 33.81 |
|        | -13.7             | -15      | 77.50                     | 35.26 | 77.50 | 35.61 | 77.00 | 35.95 | 77.00 | 34.56 | 77.00 | 33.72 | 77.00 | 33.22 |
|        | -11.8             | -13      | 80.00                     | 35.72 | 80.00 | 36.09 | 79.60 | 35.11 | 79.60 | 33.81 | 79.60 | 33.02 | 78.10 | 31.91 |
|        | -9.8              | -11      | 82.70                     | 36.23 | 82.70 | 35.12 | 82.20 | 34.21 | 82.20 | 33.03 | 82.20 | 32.28 | 78.10 | 30.35 |
|        | -9.5              | -10      | 83.20                     | 36.08 | 83.20 | 34.98 | 82.70 | 34.08 | 82.70 | 32.91 | 82.70 | 32.16 | 78.10 | 29.98 |
|        | -8.5              | -9.1     | 84.80                     | 35.54 | 84.80 | 34.49 | 84.30 | 33.63 | 84.30 | 32.51 | 83.60 | 31.53 | 78.10 | 29.61 |
|        | -7                | -7.6     | 87.20                     | 34.76 | 87.20 | 33.76 | 86.60 | 32.95 | 86.60 | 31.90 | 83.60 | 30.14 | 78.10 | 29.06 |
|        | -5                | -5.6     | 90.40                     | 33.56 | 90.40 | 32.64 | 89.50 | 31.81 | 86.60 | 29.88 | 83.60 | 28.79 | 78.10 | 28.19 |
|        | -3                | -3.7     | 93.60                     | 32.36 | 93.60 | 31.54 | 89.50 | 29.70 | 86.60 | 28.50 | 83.60 | 27.95 | 78.10 | 27.34 |
|        | 0                 | -0.7     | 98.40                     | 30.56 | 95.40 | 28.97 | 89.50 | 27.82 | 86.60 | 27.17 | 83.60 | 26.70 | 78.10 | 26.04 |
|        | 3                 | 2.2      | 100.9                     | 28.15 | 95.40 | 26.76 | 89.50 | 26.34 | 86.60 | 25.84 | 83.60 | 25.44 | 78.10 | 24.75 |
|        | 5                 | 4.1      | 95.50                     | 24.10 | 90.00 | 23.59 | 84.00 | 23.17 | 81.10 | 22.75 | 78.10 | 22.38 | 72.50 | 21.60 |
|        | 7                 | 6        | 90.00                     | 21.07 | 84.30 | 20.60 | 78.40 | 20.19 | 75.40 | 19.86 | 72.40 | 19.49 | 66.70 | 18.66 |
|        | 9                 | 7.9      | 84.20                     | 18.54 | 78.50 | 18.04 | 72.50 | 17.59 | 69.50 | 17.24 | 66.50 | 16.87 | 60.70 | 16.04 |
| 100    | 11                | 9.8      | 78.30                     | 16.30 | 72.60 | 15.78 | 66.50 | 15.28 | 63.50 | 14.93 | 60.40 | 14.56 | 54.50 | 13.71 |
|        | 13                | 11.8     | 72.20                     | 14.14 | 66.40 | 13.61 | 60.20 | 13.08 | 57.20 | 12.73 | 54.10 | 12.36 | 48.10 | 11.52 |
|        | 15                | 13.7     | 65.80                     | 12.09 | 59.90 | 11.54 | 53.80 | 11.01 | 50.70 | 10.66 | 47.50 | 10.30 | 41.50 | 9.48  |
|        | -30               | -30.2    | 31.90                     | 36.13 | 31.90 | 36.00 | 31.70 | 31.47 | 31.70 | 35.69 | 31.70 | 34.69 | 31.10 | 35.51 |
|        | -24.8             | -25      | 53.20                     | 36.16 | 53.20 | 36.02 | 52.80 | 33.61 | 52.80 | 35.71 | 52.80 | 35.57 | 51.80 | 35.51 |
|        | -21.8             | -22      | 64.70                     | 36.17 | 64.70 | 36.04 | 64.20 | 34.87 | 64.20 | 35.72 | 64.20 | 36.09 | 63.10 | 35.51 |
|        | -19.8             | -20      | 68.20                     | 36.18 | 68.20 | 36.05 | 67.80 | 35.68 | 67.80 | 35.72 | 67.80 | 35.76 | 66.40 | 35.52 |
|        | -18.8             | -19      | 69.70                     | 36.19 | 69.20 | 36.05 | 69.20 | 35.93 | 69.20 | 35.73 | 69.20 | 35.59 | 67.90 | 35.05 |
|        | -16.7             | -17      | 72.40                     | 36.20 | 72.40 | 36.06 | 72.40 | 36.45 | 71.90 | 35.74 | 71.90 | 34.61 | 70.50 | 34.03 |
|        | -15               | -15.9    | 74.70                     | 36.22 | 74.70 | 36.08 | 74.50 | 36.22 | 74.30 | 35.04 | 74.30 | 33.91 | 71.40 | 32.65 |
|        | -13.7             | -15      | 77.10                     | 36.21 | 77.10 | 36.08 | 76.70 | 35.95 | 76.70 | 34.30 | 76.60 | 33.16 | 71.40 | 30.91 |
|        | -11.8             | -13      | 79.70                     | 36.21 | 79.20 | 36.09 | 79.20 | 34.98 | 79.20 | 33.39 | 76.60 | 31.20 | 71.40 | 30.02 |
|        | -9.8              | -11      | 82.20                     | 36.23 | 82.20 | 35.00 | 81.90 | 33.96 | 79.20 | 31.36 | 76.60 | 29.70 | 71.40 | 29.08 |
|        | -9.5              | -10      | 82.70                     | 36.05 | 82.70 | 34.83 | 81.90 | 33.61 | 79.20 | 31.05 | 76.60 | 29.56 | 71.40 | 28.94 |
|        | -8.5              | -9.1     | 84.30                     | 35.48 | 84.30 | 34.28 | 81.90 | 32.45 | 79.20 | 30.15 | 76.60 | 29.10 | 71.40 | 28.47 |
|        | -7                | -7.6     | 88.20                     | 34.61 | 87.20 | 33.20 | 81.90 | 30.84 | 79.20 | 29.44 | 76.60 | 28.41 | 71.40 | 27.75 |
|        | -5                | -5.6     | 92.00                     | 33.31 | 87.20 | 30.82 | 81.90 | 29.73 | 79.20 | 28.38 | 76.60 | 27.36 | 71.40 | 26.69 |
|        | -3                | -3.7     | 92.30                     | 31.24 | 87.20 | 29.37 | 81.90 | 28.61 | 79.20 | 27.34 | 76.60 | 26.33 | 71.40 | 25.62 |
|        | 0                 | -0.7     | 92.30                     | 28.53 | 87.20 | 27.60 | 81.90 | 26.95 | 79.20 | 25.75 | 76.60 | 24.75 | 71.40 | 24.03 |
| 90     | 3                 | 2.2      | 92.30                     | 26.69 | 87.20 | 25.82 | 81.90 | 25.28 | 79.20 | 24.17 | 76.60 | 23.18 | 71.40 | 22.43 |
|        | 5                 | 4.1      | 87.40                     | 23.47 | 82.20 | 22.64 | 76.90 | 22.11 | 74.20 | 21.10 | 71.50 | 20.17 | 66.30 | 19.34 |
|        | 7                 | 6        | 82.30                     | 20.45 | 77.10 | 19.66 | 71.70 | 19.15 | 69.00 | 18.23 | 66.30 | 17.35 | 61.00 | 16.50 |
|        | 9                 | 7.9      | 77.00                     | 17.94 | 71.80 | 17.17 | 66.40 | 16.64 | 63.60 | 15.79 | 60.90 | 14.98 | 55.50 | 14.14 |
|        | 11                | 9.8      | 71.60                     | 15.72 | 66.30 | 14.95 | 60.80 | 14.41 | 58.00 | 13.63 | 55.30 | 12.89 | 49.80 | 12.06 |
|        | 13                | 11.8     | 66.00                     | 13.59 | 60.60 | 12.86 | 55.10 | 12.31 | 52.30 | 11.59 | 49.50 | 10.91 | 44.00 | 10.11 |
|        | 15                | 13.7     | 60.20                     | 11.57 | 54.80 | 10.88 | 49.20 | 10.33 | 46.40 | 9.69  | 43.60 | 9.07  | 37.90 | 8.31  |
|        | -30               | -30.2    | 31.80                     | 30.89 | 31.80 | 31.43 | 31.60 | 31.79 | 31.60 | 31.96 | 31.60 | 32.28 | 31.00 | 36.19 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 53.00                     | 32.11 | 53.00 | 32.64 | 52.60 | 33.01 | 52.60 | 33.18 | 52.60 | 33.52 | 51.70 | 34.05 |
|        | -21.8             | -22      | 64.30                     | 32.83 | 64.30 | 33.35 | 64.00 | 33.72 | 64.00 | 33.89 | 64.00 | 34.25 | 62.70 | 32.79 |
|        | -19.8             | -20      | 67.90                     | 33.31 | 67.90 | 33.84 | 67.50 | 34.21 | 67.50 | 34.38 | 67.50 | 33.39 | 65.20 | 31.49 |
|        | -18.8             | -19      | 69.70                     | 33.55 | 69.20 | 34.08 | 69.00 | 34.45 | 69.00 | 33.94 | 69.00 | 32.96 | 65.20 | 30.44 |
|        | -16.7             | -17      | 72.40                     | 34.06 | 72.40 | 34.59 | 72.00 | 33.54 | 72.00 | 33.00 | 70.30 | 31.30 | 65.20 | 29.08 |
|        | -15               | -15.9    | 74.70                     | 34.44 | 74.70 | 33.92 | 74.20 | 32.89 | 72.60 | 31.65 | 70.30 | 30.23 | 65.20 | 28.48 |
|        | -13.7             | -15      | 77.10                     | 34.80 | 77.10 | 33.22 | 74.90 | 31.59 | 72.60 | 30.08 | 70.30 | 29.17 | 65.20 | 27.85 |
|        | -11.8             | -13      | 79.70                     | 33.85 | 79.20 | 32.34 | 74.90 | 29.81 | 72.60 | 29.22 | 70.30 | 28.37 | 65.20 | 27.07 |
|        | -9.8              | -11      | 82.20                     | 32.84 | 79.60 | 30.39 | 74.90 | 28.92 | 72.60 | 28.35 | 70.30 | 27.53 | 65.20 | 26.24 |
|        | -9.5              | -10      | 82.70                     | 32.68 | 79.60 | 30.09 | 74.90 | 28.79 | 72.60 | 28.21 | 70.30 | 27.40 | 65.20 | 26.12 |
|        | -8.5              | -9.1     | 84.30                     | 32.17 | 79.60 | 29.27 | 74.90 | 28.37 | 72.60 | 27.78 | 70.30 | 26.97 | 65.20 | 25.70 |
|        | -7                | -7.6     | 84.50                     | 30.12 | 79.60 | 28.56 | 74.90 | 27.72 | 72.60 | 27.13 | 70.30 | 26.33 | 65.20 | 25.07 |
|        | -5                | -5.6     | 84.50                     | 28.72 | 79.60 | 27.55 | 74.90 | 26.74 | 72.60 | 26.13 | 70.30 | 25.37 | 65.20 | 24.13 |
|        | -3                | -3.7     | 84.50                     | 27.62 | 79.60 | 26.54 | 74.90 | 25.76 | 72.60 | 25.14 | 70.30 | 24.40 | 65.20 | 23.19 |
|        | 0                 | -0.7     | 84.50                     | 25.98 | 79.60 | 25.02 | 74.90 | 24.31 | 72.60 | 23.66 | 70.30 | 22.96 | 65.20 | 21.78 |
|        | 3                 | 2.2      | 84.50                     | 24.34 | 79.60 | 23.50 | 74.90 | 22.85 | 72.60 | 22.17 | 70.30 | 21.51 | 65.20 | 20.35 |
|        | 5                 | 4.1      | 80.00                     | 21.46 | 75.10 | 20.69 | 70.30 | 20.04 | 68.00 | 19.35 | 65.60 | 18.74 | 60.50 | 17.60 |
|        | 7                 | 6        | 75.30                     | 18.75 | 70.40 | 18.03 | 65.60 | 17.41 | 63.20 | 16.73 | 60.80 | 16.15 | 55.70 | 15.06 |
|        | 9                 | 7.9      | 70.50                     | 16.27 | 65.50 | 15.58 | 60.70 | 14.96 | 58.30 | 14.34 | 55.90 | 13.81 | 50.70 | 12.78 |
|        | 11                | 9.8      | 65.60                     | 13.97 | 60.50 | 13.31 | 55.60 | 12.72 | 53.20 | 12.14 | 50.80 | 11.65 | 45.50 | 10.70 |
|        | 13                | 11.8     | 60.40                     | 11.84 | 55.40 | 11.22 | 50.40 | 10.65 | 47.90 | 10.14 | 45.50 | 9.68  | 40.20 | 8.80  |
|        | 15                | 13.7     | 55.10                     | 9.90  | 50.00 | 9.32  | 45.00 | 8.77  | 42.50 | 8.32  | 40.00 | 7.90  | 34.60 | 7.11  |
| 80     | -30               | -30.2    | 31.60                     | 27.13 | 31.60 | 27.61 | 31.40 | 27.98 | 31.40 | 27.56 | 31.40 | 32.09 | 30.90 | 30.75 |
|        | -24.8             | -25      | 52.70                     | 28.29 | 52.70 | 28.81 | 52.40 | 29.18 | 52.40 | 29.35 | 52.40 | 30.22 | 51.40 | 28.96 |
|        | -21.8             | -22      | 63.80                     | 28.98 | 63.80 | 29.51 | 63.80 | 29.88 | 63.80 | 30.40 | 62.70 | 28.64 | 58.30 | 26.48 |
|        | -19.8             | -20      | 67.20                     | 29.45 | 67.20 | 29.97 | 67.00 | 30.41 | 65.00 | 28.63 | 62.70 | 26.93 | 58.30 | 25.79 |
|        | -18.8             | -19      | 68.60                     | 29.68 | 68.60 | 30.58 | 67.00 | 29.40 | 65.00 | 27.73 | 62.70 | 26.59 | 58.30 | 25.45 |
|        | -16.7             | -17      | 70.60                     | 30.70 | 70.60 | 29.76 | 67.00 | 27.78 | 65.00 | 26.94 | 62.70 | 25.83 | 58.30 | 24.74 |
|        | -15               | -15.9    | 72.20                     | 30.10 | 71.40 | 29.14 | 67.00 | 27.22 | 65.00 | 26.38 | 62.70 | 25.31 | 58.30 | 24.23 |
|        | -13.7             | -15      | 73.90                     | 29.47 | 71.40 | 28.18 | 67.00 | 26.64 | 65.00 | 25.79 | 62.70 | 24.76 | 58.30 | 23.70 |
|        | -11.8             | -13      | 75.70                     | 28.67 | 71.40 | 27.00 | 67.00 | 25.90 | 65.00 | 25.07 | 62.70 | 24.08 | 58.30 | 23.05 |
|        | -9.8              | -11      | 75.70                     | 27.07 | 71.40 | 25.84 | 67.00 | 25.12 | 65.00 | 24.30 | 62.70 | 23.34 | 58.30 | 22.34 |
|        | -9.5              | -10      | 75.70                     | 26.79 | 71.40 | 25.60 | 67.00 | 25.00 | 65.00 | 24.19 | 62.70 | 23.24 | 58.30 | 22.23 |
|        | -8.5              | -9.1     | 75.70                     | 26.11 | 71.40 | 25.09 | 67.00 | 24.61 | 65.00 | 23.79 | 62.70 | 22.86 | 58.30 | 21.88 |
|        | -7                | -7.6     | 75.70                     | 25.27 | 71.40 | 24.51 | 67.00 | 24.02 | 65.00 | 23.21 | 62.70 | 22.32 | 58.30 | 21.35 |
|        | -5                | -5.6     | 75.70                     | 24.37 | 71.40 | 23.63 | 67.00 | 23.13 | 65.00 | 22.33 | 62.70 | 21.49 | 58.30 | 20.54 |
|        | -3                | -3.7     | 75.70                     | 23.45 | 71.40 | 22.75 | 67.00 | 22.25 | 65.00 | 21.45 | 62.70 | 20.65 | 58.30 | 19.75 |
|        | 0                 | -0.7     | 75.70                     | 22.09 | 71.40 | 21.43 | 67.00 | 20.91 | 65.00 | 20.13 | 62.70 | 19.41 | 58.30 | 18.55 |
|        | 3                 | 2.2      | 75.70                     | 20.71 | 71.40 | 20.11 | 67.00 | 19.58 | 65.00 | 18.82 | 62.70 | 18.17 | 58.30 | 17.36 |
|        | 5                 | 4.1      | 71.70                     | 18.31 | 67.30 | 17.71 | 62.90 | 17.14 | 60.90 | 16.42 | 58.50 | 15.83 | 54.10 | 15.03 |
|        | 7                 | 6        | 67.50                     | 16.02 | 63.10 | 15.46 | 58.70 | 14.88 | 56.60 | 14.19 | 54.30 | 13.65 | 49.80 | 12.90 |
|        | 9                 | 7.9      | 63.20                     | 13.73 | 58.80 | 13.18 | 54.30 | 12.62 | 52.20 | 12.00 | 49.80 | 11.52 | 45.30 | 10.80 |
|        | 11                | 9.8      | 58.70                     | 11.52 | 54.30 | 11.00 | 49.80 | 10.48 | 47.60 | 9.94  | 45.30 | 9.51  | 40.70 | 8.85  |
|        | 13                | 11.8     | 54.10                     | 9.63  | 49.70 | 9.15  | 45.10 | 8.67  | 42.90 | 8.20  | 40.60 | 7.81  | 35.90 | 7.20  |
|        | 15                | 13.7     | 49.40                     | 8.03  | 44.90 | 7.58  | 40.20 | 7.13  | 38.00 | 6.72  | 35.70 | 6.37  | 31.00 | 5.81  |
| 70     | -30               | -30.2    | 31.60                     | 27.34 | 31.60 | 27.51 | 31.40 | 27.83 | 31.40 | 31.64 | 31.40 | 30.12 | 30.90 | 28.74 |
|        | -24.8             | -25      | 52.70                     | 28.51 | 52.70 | 28.68 | 52.40 | 29.02 | 52.40 | 29.55 | 52.40 | 28.16 | 49.90 | 26.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 60.50                     | 29.19 | 60.50 | 29.37 | 57.10 | 28.20 | 55.10 | 26.88 | 53.40 | 25.64 | 49.90 | 24.44 |
|        | -19.8             | -20      | 64.20                     | 29.04 | 60.60 | 28.32 | 57.10 | 27.37 | 55.10 | 26.09 | 53.40 | 24.91 | 49.90 | 23.72 |
|        | -18.8             | -19      | 64.20                     | 28.37 | 60.60 | 27.89 | 57.10 | 26.97 | 55.10 | 25.71 | 53.40 | 24.54 | 49.90 | 23.37 |
|        | -16.7             | -17      | 64.20                     | 27.48 | 60.60 | 26.98 | 57.10 | 26.10 | 55.10 | 24.88 | 53.40 | 23.76 | 49.90 | 22.63 |
|        | -15               | -15.9    | 64.20                     | 26.86 | 60.60 | 26.34 | 57.10 | 25.48 | 55.10 | 24.29 | 53.40 | 23.22 | 49.90 | 22.09 |
|        | -13.7             | -15      | 64.20                     | 26.20 | 60.60 | 25.68 | 57.10 | 24.83 | 55.10 | 23.68 | 53.40 | 22.65 | 49.90 | 21.53 |
|        | -11.8             | -13      | 64.20                     | 25.38 | 60.60 | 24.86 | 57.10 | 24.03 | 55.10 | 22.91 | 53.40 | 21.94 | 49.90 | 20.85 |
|        | -9.8              | -11      | 64.20                     | 24.51 | 60.60 | 23.97 | 57.10 | 23.18 | 55.10 | 22.10 | 53.40 | 21.17 | 49.90 | 20.10 |
|        | -9.5              | -10      | 64.20                     | 24.38 | 60.60 | 23.84 | 57.10 | 23.05 | 55.10 | 21.98 | 53.40 | 21.07 | 49.90 | 20.00 |
|        | -8.5              | -9.1     | 64.20                     | 23.95 | 60.60 | 23.40 | 57.10 | 22.61 | 55.10 | 21.56 | 53.40 | 20.67 | 49.90 | 19.63 |
|        | -7                | -7.6     | 64.20                     | 23.30 | 60.60 | 22.72 | 57.10 | 21.97 | 55.10 | 20.95 | 53.40 | 20.11 | 49.90 | 19.07 |
|        | -5                | -5.6     | 64.20                     | 22.32 | 60.60 | 21.74 | 57.10 | 21.01 | 55.10 | 20.04 | 53.40 | 19.25 | 49.90 | 18.25 |
|        | -3                | -3.7     | 64.20                     | 21.34 | 60.60 | 20.75 | 57.10 | 20.06 | 55.10 | 19.13 | 53.40 | 18.41 | 49.90 | 17.42 |
|        | 0                 | -0.7     | 64.20                     | 19.88 | 60.60 | 19.26 | 57.10 | 18.62 | 55.10 | 17.77 | 53.40 | 17.13 | 49.90 | 16.18 |
|        | 3                 | 2.2      | 64.20                     | 18.42 | 60.60 | 17.78 | 57.10 | 17.19 | 55.10 | 16.40 | 53.40 | 15.85 | 49.90 | 14.95 |
|        | 5                 | 4.1      | 60.80                     | 16.13 | 57.10 | 15.49 | 53.60 | 14.91 | 51.60 | 14.20 | 49.90 | 13.72 | 46.30 | 12.86 |
|        | 7                 | 6        | 57.20                     | 14.01 | 53.60 | 13.36 | 50.00 | 12.81 | 48.00 | 12.18 | 46.20 | 11.75 | 42.60 | 10.93 |
|        | 9                 | 7.9      | 53.60                     | 11.57 | 49.90 | 10.98 | 46.30 | 10.47 | 44.20 | 9.94  | 42.50 | 9.56  | 38.80 | 8.84  |
|        | 11                | 9.8      | 49.80                     | 9.76  | 46.10 | 9.23  | 42.40 | 8.76  | 40.40 | 8.28  | 38.60 | 7.95  | 34.80 | 7.29  |
|        | 13                | 11.8     | 45.90                     | 8.20  | 42.10 | 7.72  | 38.40 | 7.28  | 36.40 | 6.86  | 34.50 | 6.55  | 30.70 | 5.97  |
|        | 15                | 13.7     | 41.90                     | 6.87  | 38.10 | 6.43  | 34.30 | 6.03  | 32.20 | 5.66  | 30.40 | 5.39  | 26.50 | 4.86  |
| 60     | -30               | -30.2    | 31.10                     | 26.99 | 31.10 | 27.36 | 30.90 | 31.32 | 29.90 | 29.67 | 28.80 | 28.17 | 27.00 | 26.78 |
|        | -24.8             | -25      | 51.90                     | 28.18 | 51.90 | 28.54 | 48.90 | 27.57 | 47.30 | 26.16 | 45.60 | 24.84 | 42.80 | 23.59 |
|        | -21.8             | -22      | 55.10                     | 28.60 | 52.10 | 27.73 | 48.90 | 26.31 | 47.30 | 24.98 | 45.60 | 23.73 | 42.80 | 22.52 |
|        | -19.8             | -20      | 55.10                     | 27.84 | 52.10 | 26.84 | 48.90 | 25.47 | 47.30 | 24.19 | 45.60 | 22.98 | 42.80 | 21.79 |
|        | -18.8             | -19      | 55.10                     | 27.39 | 52.10 | 26.38 | 48.90 | 25.04 | 47.30 | 23.78 | 45.60 | 22.60 | 42.80 | 21.42 |
|        | -16.7             | -17      | 55.10                     | 26.43 | 52.10 | 25.42 | 48.90 | 24.14 | 47.30 | 22.95 | 45.60 | 21.81 | 42.80 | 20.66 |
|        | -15               | -15.9    | 55.10                     | 25.75 | 52.10 | 24.75 | 48.90 | 23.51 | 47.30 | 22.35 | 45.60 | 21.25 | 42.80 | 20.11 |
|        | -13.7             | -15      | 55.10                     | 25.05 | 52.10 | 24.05 | 48.90 | 22.84 | 47.30 | 21.72 | 45.60 | 20.67 | 42.80 | 19.55 |
|        | -11.8             | -13      | 55.10                     | 24.16 | 52.10 | 23.17 | 48.90 | 22.01 | 47.30 | 20.94 | 45.60 | 19.94 | 42.80 | 18.84 |
|        | -9.8              | -11      | 55.10                     | 23.23 | 52.10 | 22.24 | 48.90 | 21.12 | 47.30 | 20.13 | 45.60 | 19.16 | 42.80 | 18.09 |
|        | -9.5              | -10      | 55.10                     | 23.09 | 52.10 | 22.10 | 48.90 | 20.99 | 47.30 | 19.99 | 45.60 | 19.04 | 42.80 | 17.97 |
|        | -8.5              | -9.1     | 55.10                     | 22.61 | 52.10 | 21.64 | 48.90 | 20.55 | 47.30 | 19.59 | 45.60 | 18.66 | 42.80 | 17.60 |
|        | -7                | -7.6     | 55.10                     | 21.91 | 52.10 | 20.93 | 48.90 | 19.89 | 47.30 | 18.96 | 45.60 | 18.06 | 42.80 | 17.02 |
|        | -5                | -5.6     | 55.10                     | 20.87 | 52.10 | 19.89 | 48.90 | 18.91 | 47.30 | 18.04 | 45.60 | 17.20 | 42.80 | 16.19 |
|        | -3                | -3.7     | 55.10                     | 19.83 | 52.10 | 18.86 | 48.90 | 17.93 | 47.30 | 17.13 | 45.60 | 16.35 | 42.80 | 15.35 |
|        | 0                 | -0.7     | 55.10                     | 18.27 | 52.10 | 17.31 | 48.90 | 16.47 | 47.30 | 15.75 | 45.60 | 15.05 | 42.80 | 14.11 |
|        | 3                 | 2.2      | 55.10                     | 16.71 | 52.10 | 15.77 | 48.90 | 15.02 | 47.30 | 14.39 | 45.60 | 13.76 | 42.80 | 12.86 |
|        | 5                 | 4.1      | 52.20                     | 14.52 | 49.10 | 13.61 | 45.90 | 12.92 | 44.30 | 12.37 | 42.60 | 11.83 | 39.70 | 10.98 |
|        | 7                 | 6        | 49.10                     | 12.49 | 46.10 | 11.62 | 42.80 | 11.00 | 41.20 | 10.52 | 39.50 | 10.05 | 36.50 | 9.25  |
|        | 9                 | 7.9      | 46.00                     | 10.20 | 42.90 | 9.46  | 39.60 | 8.92  | 38.00 | 8.51  | 36.30 | 8.11  | 33.30 | 7.41  |
|        | 11                | 9.8      | 42.80                     | 8.66  | 39.60 | 7.99  | 36.30 | 7.49  | 34.70 | 7.14  | 32.90 | 6.78  | 29.90 | 6.16  |
|        | 13                | 11.8     | 39.40                     | 7.31  | 36.20 | 6.72  | 32.90 | 6.27  | 31.20 | 5.95  | 29.50 | 5.63  | 26.40 | 5.08  |
|        | 15                | 13.7     | 35.90                     | 6.17  | 32.70 | 5.65  | 29.40 | 5.24  | 27.70 | 4.95  | 25.90 | 4.67  | 22.70 | 4.18  |
| 50     | -30               | -30.2    | 29.10                     | 23.48 | 27.40 | 27.18 | 25.80 | 25.70 | 24.90 | 24.41 | 24.10 | 23.11 | 22.40 | 21.97 |
|        | -24.8             | -25      | 46.00                     | 23.38 | 43.30 | 23.88 | 40.80 | 22.63 | 39.50 | 21.47 | 38.10 | 20.37 | 35.50 | 19.34 |
|        | -21.8             | -22      | 46.00                     | 24.02 | 43.30 | 22.76 | 40.80 | 21.60 | 39.50 | 20.48 | 38.10 | 19.45 | 35.50 | 18.45 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 46.00                     | 23.24 | 43.30 | 22.02 | 40.80 | 20.90 | 39.50 | 19.82 | 38.10 | 18.83 | 35.50 | 17.86 |
|        | -18.8             | -19      | 46.00                     | 22.85 | 43.30 | 21.65 | 40.80 | 20.55 | 39.50 | 19.49 | 38.10 | 18.53 | 35.50 | 17.56 |
|        | -16.7             | -17      | 46.00                     | 22.02 | 43.30 | 20.85 | 40.80 | 19.80 | 39.50 | 18.79 | 38.10 | 17.87 | 35.50 | 16.93 |
|        | -15               | -15.9    | 46.00                     | 21.43 | 43.30 | 20.28 | 40.80 | 19.27 | 39.50 | 18.29 | 38.10 | 17.40 | 35.50 | 16.48 |
|        | -13.7             | -15      | 46.00                     | 20.83 | 43.30 | 19.69 | 40.80 | 18.73 | 39.50 | 17.77 | 38.10 | 16.92 | 35.50 | 16.01 |
|        | -11.8             | -13      | 46.00                     | 20.06 | 43.30 | 18.96 | 40.80 | 18.04 | 39.50 | 17.12 | 38.10 | 16.33 | 35.50 | 15.43 |
|        | -9.8              | -11      | 46.00                     | 19.24 | 43.30 | 18.19 | 40.80 | 17.32 | 39.50 | 16.43 | 38.10 | 15.68 | 35.50 | 14.82 |
|        | -9.5              | -10      | 46.00                     | 19.12 | 43.30 | 18.06 | 40.80 | 17.21 | 39.50 | 16.33 | 38.10 | 15.58 | 35.50 | 14.72 |
|        | -8.5              | -9.1     | 46.00                     | 18.72 | 43.30 | 17.68 | 40.80 | 16.83 | 39.50 | 15.98 | 38.10 | 15.26 | 35.50 | 14.41 |
|        | -7                | -7.6     | 46.00                     | 18.09 | 43.30 | 17.08 | 40.80 | 16.29 | 39.50 | 15.46 | 38.10 | 14.78 | 35.50 | 13.94 |
|        | -5                | -5.6     | 46.00                     | 17.20 | 43.30 | 16.22 | 40.80 | 15.48 | 39.50 | 14.69 | 38.10 | 14.06 | 35.50 | 13.25 |
|        | -3                | -3.7     | 46.00                     | 16.30 | 43.30 | 15.36 | 40.80 | 14.68 | 39.50 | 13.93 | 38.10 | 13.36 | 35.50 | 12.58 |
|        | 0                 | -0.7     | 46.00                     | 14.95 | 43.30 | 14.08 | 40.80 | 13.47 | 39.50 | 12.79 | 38.10 | 12.30 | 35.50 | 11.55 |
|        | 3                 | 2.2      | 46.00                     | 13.60 | 43.30 | 12.78 | 40.80 | 12.26 | 39.50 | 11.64 | 38.10 | 11.23 | 35.50 | 10.52 |
|        | 5                 | 4.1      | 43.50                     | 11.80 | 40.80 | 11.04 | 38.30 | 10.57 | 37.00 | 10.02 | 35.60 | 9.67  | 32.90 | 8.99  |
|        | 7                 | 6        | 41.00                     | 10.13 | 38.30 | 9.43  | 35.70 | 9.01  | 34.40 | 8.53  | 33.00 | 8.23  | 30.30 | 7.61  |
|        | 9                 | 7.9      | 38.40                     | 8.40  | 35.60 | 7.79  | 33.10 | 7.42  | 31.70 | 7.01  | 30.30 | 6.75  | 27.60 | 6.21  |
|        | 11                | 9.8      | 35.70                     | 7.18  | 32.90 | 6.62  | 30.30 | 6.29  | 28.90 | 5.92  | 27.50 | 5.69  | 24.80 | 5.19  |
|        | 13                | 11.8     | 32.90                     | 6.10  | 30.10 | 5.61  | 27.50 | 5.30  | 26.10 | 4.97  | 24.60 | 4.76  | 21.90 | 4.32  |
|        | 15                | 13.7     | 30.00                     | 5.19  | 27.20 | 4.75  | 24.50 | 4.46  | 23.10 | 4.18  | 21.70 | 3.99  | 18.90 | 3.59  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM280LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 34.50                     | 26.29 | 34.50 | 26.83 | 34.30 | 27.29 | 34.30 | 27.99 | 34.30 | 28.63 | 34.30 | 29.73 |
|        | -24.8             | -25      | 57.50                     | 27.99 | 57.50 | 28.52 | 57.20 | 28.98 | 57.20 | 29.68 | 57.20 | 30.34 | 57.10 | 31.39 |
|        | -21.8             | -22      | 69.50                     | 28.98 | 69.50 | 29.49 | 69.10 | 29.95 | 69.10 | 30.64 | 69.10 | 31.32 | 69.00 | 32.34 |
|        | -19.8             | -20      | 73.20                     | 29.61 | 73.20 | 30.14 | 72.80 | 30.59 | 72.80 | 31.28 | 72.80 | 31.94 | 72.70 | 32.98 |
|        | -18.8             | -19      | 75.10                     | 29.95 | 75.10 | 30.46 | 74.60 | 30.91 | 74.60 | 31.60 | 74.60 | 32.26 | 74.50 | 33.30 |
|        | -16.7             | -17      | 78.90                     | 30.61 | 78.90 | 31.13 | 78.40 | 31.59 | 78.40 | 32.26 | 78.40 | 32.92 | 78.20 | 33.96 |
|        | -15               | -15.9    | 81.70                     | 31.08 | 81.70 | 31.60 | 81.20 | 32.06 | 81.20 | 32.73 | 81.20 | 33.39 | 81.00 | 33.25 |
|        | -13.7             | -15      | 84.40                     | 31.56 | 84.40 | 32.08 | 83.80 | 32.54 | 83.80 | 33.21 | 83.80 | 33.87 | 83.60 | 32.55 |
|        | -11.8             | -13      | 87.20                     | 32.17 | 87.20 | 32.69 | 86.70 | 33.14 | 86.70 | 33.82 | 86.70 | 32.93 | 86.70 | 31.65 |
|        | -9.8              | -11      | 90.30                     | 32.80 | 90.30 | 33.31 | 89.60 | 33.76 | 89.60 | 32.81 | 89.60 | 31.93 | 89.60 | 30.72 |
|        | -9.5              | -10      | 91.10                     | 32.89 | 91.10 | 33.41 | 90.50 | 33.61 | 90.50 | 32.64 | 90.00 | 31.79 | 90.00 | 30.57 |
|        | -8.5              | -9.1     | 94.10                     | 33.22 | 94.10 | 33.72 | 93.60 | 33.09 | 93.60 | 32.15 | 91.60 | 31.27 | 91.60 | 30.10 |
|        | -7                | -7.6     | 98.80                     | 33.67 | 98.80 | 32.96 | 98.10 | 32.32 | 98.10 | 31.38 | 98.10 | 30.53 | 95.90 | 29.40 |
|        | -5                | -5.6     | 105.0                     | 32.74 | 105.0 | 31.99 | 104.2 | 31.32 | 104.2 | 30.43 | 104.0 | 29.54 | 99.10 | 28.43 |
|        | -3                | -3.7     | 110.3                     | 31.53 | 110.3 | 30.78 | 109.7 | 30.17 | 108.1 | 28.86 | 105.9 | 27.51 | 99.60 | 26.72 |
|        | 0                 | -0.7     | 113.0                     | 28.58 | 113.0 | 27.82 | 112.6 | 27.23 | 110.8 | 26.26 | 106.9 | 25.12 | 99.60 | 24.22 |
|        | 3                 | 2.2      | 114.0                     | 26.72 | 114.0 | 25.95 | 113.6 | 25.30 | 110.8 | 24.32 | 106.9 | 23.57 | 99.60 | 22.81 |
|        | 5                 | 4.1      | 107.9                     | 23.23 | 107.5 | 22.42 | 106.6 | 21.71 | 103.8 | 21.03 | 99.90 | 20.34 | 92.40 | 19.58 |
|        | 7                 | 6        | 101.6                     | 20.25 | 100.8 | 19.41 | 99.40 | 18.66 | 96.50 | 18.02 | 92.50 | 17.37 | 85.10 | 16.63 |
|        | 9                 | 7.9      | 95.10                     | 17.59 | 93.90 | 16.79 | 92.10 | 16.03 | 88.90 | 15.44 | 85.00 | 14.85 | 77.40 | 14.08 |
| 120    | 11                | 9.8      | 88.40                     | 15.27 | 86.70 | 14.48 | 84.40 | 13.75 | 81.20 | 13.18 | 77.20 | 12.62 | 69.50 | 11.87 |
|        | 13                | 11.8     | 81.60                     | 13.07 | 79.30 | 12.34 | 76.50 | 11.63 | 73.20 | 11.10 | 69.10 | 10.58 | 61.40 | 9.85  |
|        | 15                | 13.7     | 74.40                     | 11.05 | 71.60 | 10.35 | 68.20 | 9.67  | 64.80 | 9.19  | 60.70 | 8.72  | 52.90 | 8.02  |
|        | -30               | -30.2    | 34.30                     | 26.83 | 34.30 | 27.29 | 34.00 | 27.99 | 34.00 | 28.63 | 34.00 | 29.73 | 34.00 | 30.47 |
|        | -24.8             | -25      | 57.20                     | 28.52 | 57.20 | 28.98 | 56.80 | 29.68 | 56.80 | 30.34 | 56.80 | 31.39 | 56.70 | 32.12 |
|        | -21.8             | -22      | 69.10                     | 29.49 | 69.10 | 29.95 | 68.70 | 30.64 | 68.70 | 31.32 | 68.70 | 32.34 | 68.60 | 33.07 |
|        | -19.8             | -20      | 72.80                     | 30.14 | 72.80 | 30.59 | 72.20 | 31.28 | 72.20 | 31.94 | 72.20 | 32.98 | 72.10 | 33.71 |
|        | -18.8             | -19      | 74.50                     | 30.46 | 74.50 | 30.91 | 74.00 | 31.60 | 74.00 | 32.26 | 74.00 | 33.30 | 73.90 | 34.02 |
|        | -16.7             | -17      | 78.30                     | 31.13 | 78.30 | 31.59 | 77.90 | 32.26 | 77.90 | 32.92 | 77.90 | 33.96 | 77.70 | 33.11 |
|        | -15               | -15.9    | 81.00                     | 31.60 | 81.00 | 32.06 | 80.50 | 32.73 | 80.50 | 33.39 | 80.50 | 33.27 | 80.30 | 32.46 |
|        | -13.7             | -15      | 83.70                     | 32.08 | 83.70 | 32.54 | 83.20 | 33.21 | 83.20 | 33.87 | 83.20 | 32.60 | 83.10 | 31.80 |
|        | -11.8             | -13      | 86.60                     | 32.69 | 86.60 | 33.14 | 86.00 | 33.82 | 86.00 | 32.91 | 86.00 | 31.73 | 86.00 | 30.97 |
|        | -9.8              | -11      | 89.50                     | 33.31 | 89.50 | 33.76 | 88.90 | 32.77 | 88.90 | 31.91 | 88.90 | 30.83 | 88.90 | 30.11 |
|        | -9.5              | -10      | 90.50                     | 33.41 | 90.50 | 33.59 | 89.90 | 32.61 | 89.90 | 31.77 | 89.90 | 30.70 | 89.90 | 29.97 |
|        | -8.5              | -9.1     | 93.60                     | 33.72 | 93.60 | 33.04 | 92.90 | 32.08 | 92.90 | 31.25 | 92.40 | 30.25 | 92.40 | 29.54 |
|        | -7                | -7.6     | 98.10                     | 32.89 | 98.10 | 32.20 | 97.60 | 31.30 | 97.60 | 30.51 | 95.20 | 29.57 | 93.50 | 28.41 |
|        | -5                | -5.6     | 104.2                     | 31.85 | 104.2 | 31.15 | 103.5 | 30.31 | 102.0 | 29.14 | 100.1 | 27.79 | 93.50 | 26.59 |
|        | -3                | -3.7     | 109.4                     | 30.55 | 108.7 | 29.68 | 105.9 | 28.33 | 103.9 | 27.13 | 100.6 | 25.82 | 93.50 | 25.06 |
|        | 0                 | -0.7     | 112.2                     | 27.48 | 111.5 | 26.78 | 107.5 | 25.83 | 103.9 | 24.86 | 100.6 | 24.29 | 93.50 | 23.78 |
|        | 3                 | 2.2      | 113.1                     | 25.48 | 111.9 | 24.74 | 107.5 | 24.03 | 103.9 | 23.51 | 100.6 | 23.12 | 93.50 | 22.68 |
|        | 5                 | 4.1      | 107.1                     | 22.07 | 105.6 | 21.42 | 100.9 | 20.85 | 97.30 | 20.39 | 93.90 | 20.06 | 86.80 | 19.57 |
|        | 7                 | 6        | 100.8                     | 19.14 | 98.90 | 18.46 | 94.20 | 17.92 | 90.40 | 17.49 | 87.10 | 17.21 | 79.80 | 16.69 |
|        | 9                 | 7.9      | 94.40                     | 16.61 | 92.10 | 15.95 | 87.10 | 15.40 | 83.40 | 14.98 | 80.00 | 14.70 | 72.70 | 14.13 |
|        | 11                | 9.8      | 87.70                     | 14.42 | 85.10 | 13.75 | 79.80 | 13.19 | 76.10 | 12.79 | 72.60 | 12.50 | 65.30 | 11.93 |
|        | 13                | 11.8     | 80.90                     | 12.35 | 77.80 | 11.72 | 72.30 | 11.16 | 68.60 | 10.77 | 65.10 | 10.49 | 57.60 | 9.90  |
|        | 15                | 13.7     | 73.70                     | 10.43 | 70.30 | 9.84  | 64.60 | 9.30  | 60.80 | 8.94  | 57.20 | 8.66  | 49.70 | 8.09  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 34.00                     | 27.29 | 34.00 | 27.99 | 34.00 | 28.63 | 34.00 | 29.73 | 34.00 | 30.47 | 33.90 | 30.80 |
|        | -24.8             | -25      | 56.80                     | 28.98 | 56.80 | 29.68 | 56.50 | 30.34 | 56.50 | 31.39 | 56.50 | 32.12 | 56.40 | 32.47 |
|        | -21.8             | -22      | 68.80                     | 29.95 | 68.80 | 30.64 | 68.40 | 31.32 | 68.40 | 32.34 | 68.40 | 33.07 | 68.30 | 33.43 |
|        | -19.8             | -20      | 72.30                     | 30.59 | 72.30 | 31.28 | 71.90 | 31.94 | 71.90 | 32.98 | 71.90 | 33.71 | 71.70 | 34.05 |
|        | -18.8             | -19      | 74.00                     | 30.91 | 74.00 | 31.60 | 73.60 | 32.26 | 73.60 | 33.30 | 73.60 | 34.02 | 73.50 | 33.58 |
|        | -16.7             | -17      | 77.90                     | 31.59 | 77.90 | 32.26 | 77.50 | 32.92 | 77.50 | 33.96 | 77.50 | 33.04 | 77.30 | 32.56 |
|        | -15               | -15.9    | 80.70                     | 32.06 | 80.70 | 32.73 | 80.10 | 33.39 | 80.10 | 33.22 | 80.10 | 32.33 | 80.00 | 31.84 |
|        | -13.7             | -15      | 83.40                     | 32.54 | 83.40 | 33.21 | 82.80 | 33.87 | 82.80 | 32.48 | 82.80 | 31.64 | 82.80 | 31.14 |
|        | -11.8             | -13      | 86.10                     | 33.14 | 86.10 | 33.82 | 85.60 | 32.84 | 85.60 | 31.54 | 85.60 | 30.74 | 84.20 | 29.75 |
|        | -9.8              | -11      | 89.10                     | 33.76 | 89.10 | 32.66 | 88.50 | 31.75 | 88.50 | 30.56 | 88.50 | 29.81 | 84.20 | 27.85 |
|        | -9.5              | -10      | 89.90                     | 33.57 | 89.90 | 32.47 | 89.50 | 31.57 | 89.50 | 30.40 | 89.50 | 29.68 | 84.20 | 27.40 |
|        | -8.5              | -9.1     | 93.00                     | 32.95 | 93.00 | 31.89 | 92.40 | 31.03 | 92.40 | 29.92 | 90.10 | 28.59 | 84.20 | 26.37 |
|        | -7                | -7.6     | 97.60                     | 32.00 | 97.60 | 31.01 | 95.70 | 29.81 | 93.30 | 28.07 | 90.10 | 26.96 | 84.20 | 25.53 |
|        | -5                | -5.6     | 103.7                     | 30.79 | 101.4 | 29.24 | 96.40 | 27.34 | 93.30 | 25.88 | 90.10 | 25.51 | 84.20 | 24.71 |
|        | -3                | -3.7     | 106.6                     | 28.80 | 102.7 | 26.99 | 96.40 | 25.70 | 93.30 | 24.95 | 90.10 | 24.45 | 84.20 | 23.90 |
|        | 0                 | -0.7     | 108.7                     | 25.90 | 102.7 | 24.77 | 96.40 | 24.27 | 93.30 | 23.67 | 90.10 | 23.25 | 84.20 | 22.67 |
|        | 3                 | 2.2      | 108.7                     | 23.72 | 102.7 | 23.22 | 96.40 | 22.85 | 93.30 | 22.40 | 90.10 | 22.04 | 84.20 | 21.44 |
|        | 5                 | 4.1      | 102.9                     | 20.62 | 96.80 | 20.17 | 90.50 | 19.79 | 87.40 | 19.42 | 84.10 | 19.09 | 78.10 | 18.42 |
|        | 7                 | 6        | 96.90                     | 17.74 | 90.80 | 17.31 | 84.40 | 16.97 | 81.20 | 16.68 | 78.00 | 16.36 | 71.90 | 15.66 |
|        | 9                 | 7.9      | 90.70                     | 15.36 | 84.50 | 14.93 | 78.10 | 14.55 | 74.90 | 14.25 | 71.60 | 13.94 | 65.50 | 13.24 |
|        | 11                | 9.8      | 84.40                     | 13.28 | 78.10 | 12.85 | 71.60 | 12.44 | 68.40 | 12.15 | 65.10 | 11.84 | 58.80 | 11.15 |
|        | 13                | 11.8     | 77.70                     | 11.35 | 71.40 | 10.93 | 64.90 | 10.51 | 61.60 | 10.21 | 58.30 | 9.91  | 51.80 | 9.26  |
|        | 15                | 13.7     | 70.90                     | 9.57  | 64.50 | 9.15  | 57.90 | 8.73  | 54.60 | 8.47  | 51.20 | 8.19  | 44.70 | 7.56  |
| 100    | -30               | -30.2    | 34.00                     | 31.74 | 34.00 | 31.97 | 33.70 | 29.92 | 33.70 | 32.61 | 33.70 | 32.09 | 33.60 | 33.02 |
|        | -24.8             | -25      | 56.50                     | 32.27 | 56.50 | 32.51 | 56.20 | 31.53 | 56.20 | 33.15 | 56.20 | 33.42 | 56.10 | 33.56 |
|        | -21.8             | -22      | 68.40                     | 32.57 | 68.40 | 32.82 | 68.10 | 32.45 | 68.10 | 33.46 | 68.10 | 34.19 | 67.90 | 33.87 |
|        | -19.8             | -20      | 72.00                     | 32.76 | 72.00 | 33.01 | 71.60 | 33.05 | 71.60 | 33.65 | 71.60 | 34.08 | 71.50 | 34.05 |
|        | -18.8             | -19      | 73.80                     | 32.86 | 73.30 | 33.13 | 73.30 | 33.37 | 73.30 | 33.76 | 73.30 | 34.02 | 73.20 | 33.48 |
|        | -16.7             | -17      | 77.10                     | 33.08 | 77.10 | 33.34 | 77.10 | 34.05 | 76.70 | 33.96 | 76.70 | 32.84 | 76.50 | 32.27 |
|        | -15               | -15.9    | 80.10                     | 33.22 | 80.10 | 33.48 | 79.80 | 33.95 | 79.60 | 33.10 | 79.60 | 31.98 | 76.90 | 30.42 |
|        | -13.7             | -15      | 83.00                     | 33.38 | 83.00 | 33.63 | 82.40 | 33.87 | 82.40 | 32.24 | 82.40 | 31.14 | 76.90 | 28.55 |
|        | -11.8             | -13      | 85.70                     | 33.57 | 85.20 | 33.82 | 85.20 | 32.72 | 85.20 | 31.15 | 82.60 | 29.13 | 76.90 | 26.98 |
|        | -9.8              | -11      | 88.50                     | 33.76 | 88.50 | 32.52 | 88.20 | 31.51 | 85.40 | 29.05 | 82.60 | 27.11 | 76.90 | 25.86 |
|        | -9.5              | -10      | 89.50                     | 33.56 | 89.50 | 32.34 | 88.20 | 31.01 | 85.40 | 28.60 | 82.60 | 26.74 | 76.90 | 25.71 |
|        | -8.5              | -9.1     | 92.50                     | 32.88 | 92.50 | 31.69 | 88.20 | 29.44 | 85.40 | 26.72 | 82.60 | 25.77 | 76.90 | 25.19 |
|        | -7                | -7.6     | 98.10                     | 31.71 | 93.80 | 29.32 | 88.20 | 27.23 | 85.40 | 25.94 | 82.60 | 25.00 | 76.90 | 24.42 |
|        | -5                | -5.6     | 99.50                     | 29.55 | 93.80 | 27.15 | 88.20 | 26.17 | 85.40 | 24.95 | 82.60 | 24.01 | 76.90 | 23.42 |
|        | -3                | -3.7     | 99.50                     | 27.50 | 93.80 | 25.83 | 88.20 | 25.12 | 85.40 | 23.94 | 82.60 | 23.05 | 76.90 | 22.42 |
|        | 0                 | -0.7     | 99.50                     | 24.97 | 93.80 | 24.12 | 88.20 | 23.52 | 85.40 | 22.46 | 82.60 | 21.58 | 76.90 | 20.93 |
|        | 3                 | 2.2      | 99.50                     | 23.20 | 93.80 | 22.43 | 88.20 | 21.94 | 85.40 | 20.96 | 82.60 | 20.10 | 76.90 | 19.44 |
|        | 5                 | 4.1      | 94.20                     | 20.10 | 88.40 | 19.37 | 82.80 | 18.90 | 80.00 | 18.01 | 77.20 | 17.22 | 71.30 | 16.50 |
|        | 7                 | 6        | 88.70                     | 17.22 | 82.90 | 16.54 | 77.20 | 16.10 | 74.40 | 15.33 | 71.50 | 14.59 | 65.70 | 13.87 |
|        | 9                 | 7.9      | 83.10                     | 14.80 | 77.20 | 14.15 | 71.40 | 13.70 | 68.60 | 13.00 | 65.60 | 12.34 | 59.70 | 11.64 |
|        | 11                | 9.8      | 77.30                     | 12.68 | 71.40 | 12.08 | 65.50 | 11.63 | 62.60 | 10.99 | 59.70 | 10.41 | 53.60 | 9.73  |
|        | 13                | 11.8     | 71.20                     | 10.74 | 65.30 | 10.16 | 59.30 | 9.73  | 56.40 | 9.17  | 53.40 | 8.64  | 47.30 | 8.01  |
|        | 15                | 13.7     | 64.90                     | 8.96  | 59.00 | 8.43  | 53.00 | 8.02  | 50.00 | 7.54  | 46.90 | 7.07  | 40.80 | 6.50  |
| 90     | -30               | -30.2    | 33.80                     | 26.99 | 33.80 | 28.04 | 33.60 | 28.78 | 33.60 | 29.13 | 33.60 | 29.83 | 33.60 | 35.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 56.30                     | 28.68 | 56.30 | 29.73 | 56.00 | 30.47 | 56.00 | 30.81 | 56.00 | 31.51 | 55.90 | 32.56 |
|        | -21.8             | -22      | 68.20                     | 29.65 | 68.20 | 30.70 | 67.80 | 31.44 | 67.80 | 31.77 | 67.80 | 32.48 | 67.60 | 31.08 |
|        | -19.8             | -20      | 71.80                     | 30.31 | 71.80 | 31.34 | 71.30 | 32.06 | 71.30 | 32.42 | 71.30 | 31.47 | 70.30 | 29.75 |
|        | -18.8             | -19      | 73.80                     | 30.62 | 73.30 | 31.66 | 73.10 | 32.39 | 73.10 | 31.90 | 73.10 | 30.96 | 70.30 | 28.51 |
|        | -16.7             | -17      | 77.10                     | 31.29 | 77.10 | 32.33 | 76.70 | 31.32 | 76.70 | 30.81 | 75.60 | 29.48 | 70.30 | 26.48 |
|        | -15               | -15.9    | 80.10                     | 31.77 | 80.10 | 31.53 | 79.40 | 30.55 | 78.20 | 29.57 | 75.60 | 27.85 | 70.30 | 25.61 |
|        | -13.7             | -15      | 83.00                     | 32.25 | 83.00 | 30.74 | 80.70 | 29.25 | 78.20 | 27.85 | 75.60 | 26.33 | 70.30 | 24.76 |
|        | -11.8             | -13      | 85.70                     | 31.17 | 85.20 | 29.74 | 80.70 | 27.40 | 78.20 | 26.25 | 75.60 | 25.09 | 70.30 | 23.91 |
|        | -9.8              | -11      | 88.50                     | 30.03 | 85.70 | 27.78 | 80.70 | 25.77 | 78.20 | 24.91 | 75.60 | 24.19 | 70.30 | 23.03 |
|        | -9.5              | -10      | 89.50                     | 29.86 | 85.70 | 27.32 | 80.70 | 25.43 | 78.20 | 24.77 | 75.60 | 24.04 | 70.30 | 22.90 |
|        | -8.5              | -9.1     | 91.10                     | 28.85 | 85.70 | 26.14 | 80.70 | 24.81 | 78.20 | 24.30 | 75.60 | 23.59 | 70.30 | 22.46 |
|        | -7                | -7.6     | 91.10                     | 26.28 | 85.70 | 24.87 | 80.70 | 24.12 | 78.20 | 23.61 | 75.60 | 22.90 | 70.30 | 21.80 |
|        | -5                | -5.6     | 91.10                     | 25.00 | 85.70 | 23.96 | 80.70 | 23.24 | 78.20 | 22.72 | 75.60 | 22.05 | 70.30 | 20.95 |
|        | -3                | -3.7     | 91.10                     | 24.01 | 85.70 | 23.05 | 80.70 | 22.37 | 78.20 | 21.82 | 75.60 | 21.18 | 70.30 | 20.11 |
|        | 0                 | -0.7     | 91.10                     | 22.53 | 85.70 | 21.67 | 80.70 | 21.06 | 78.20 | 20.49 | 75.60 | 19.89 | 70.30 | 18.85 |
|        | 3                 | 2.2      | 91.10                     | 21.04 | 85.70 | 20.30 | 80.70 | 19.75 | 78.20 | 19.16 | 75.60 | 18.58 | 70.30 | 17.59 |
|        | 5                 | 4.1      | 86.20                     | 18.33 | 80.80 | 17.65 | 75.80 | 17.10 | 73.30 | 16.53 | 70.60 | 15.99 | 65.20 | 15.02 |
|        | 7                 | 6        | 81.20                     | 15.82 | 75.70 | 15.22 | 70.70 | 14.69 | 68.10 | 14.12 | 65.40 | 13.62 | 60.00 | 12.70 |
|        | 9                 | 7.9      | 76.10                     | 13.58 | 70.50 | 13.00 | 65.40 | 12.48 | 62.80 | 11.97 | 60.10 | 11.51 | 54.60 | 10.67 |
|        | 11                | 9.8      | 70.70                     | 11.54 | 65.20 | 11.00 | 59.90 | 10.49 | 57.40 | 10.04 | 54.60 | 9.62  | 49.10 | 8.85  |
|        | 13                | 11.8     | 65.20                     | 9.69  | 59.60 | 9.20  | 54.30 | 8.73  | 51.60 | 8.32  | 48.90 | 7.95  | 43.30 | 7.25  |
|        | 15                | 13.7     | 59.40                     | 8.05  | 53.90 | 7.59  | 48.50 | 7.17  | 45.80 | 6.80  | 43.00 | 6.48  | 37.40 | 5.87  |
| 80     | -30               | -30.2    | 33.60                     | 23.33 | 33.60 | 24.38 | 33.50 | 25.13 | 33.50 | 24.24 | 33.50 | 31.23 | 33.40 | 29.88 |
|        | -24.8             | -25      | 56.10                     | 25.04 | 56.10 | 26.09 | 55.80 | 26.83 | 55.80 | 27.17 | 55.80 | 28.93 | 55.70 | 27.69 |
|        | -21.8             | -22      | 67.40                     | 26.02 | 67.40 | 27.07 | 67.40 | 27.81 | 67.40 | 28.86 | 66.90 | 27.43 | 62.80 | 24.87 |
|        | -19.8             | -20      | 71.00                     | 26.68 | 71.00 | 27.72 | 71.00 | 28.80 | 70.00 | 27.54 | 67.50 | 25.42 | 62.80 | 23.40 |
|        | -18.8             | -19      | 72.80                     | 27.00 | 72.80 | 28.78 | 72.20 | 28.11 | 70.00 | 26.43 | 67.50 | 24.59 | 62.80 | 23.01 |
|        | -16.7             | -17      | 76.70                     | 28.73 | 76.70 | 27.81 | 72.20 | 25.76 | 70.00 | 24.51 | 67.50 | 23.22 | 62.80 | 22.22 |
|        | -15               | -15.9    | 79.60                     | 28.01 | 76.90 | 26.44 | 72.20 | 24.72 | 70.00 | 23.74 | 67.50 | 22.63 | 62.80 | 21.65 |
|        | -13.7             | -15      | 81.10                     | 26.82 | 76.90 | 25.09 | 72.20 | 23.75 | 70.00 | 22.97 | 67.50 | 22.03 | 62.80 | 21.08 |
|        | -11.8             | -13      | 81.60                     | 25.43 | 76.90 | 23.91 | 72.20 | 22.93 | 70.00 | 22.19 | 67.50 | 21.29 | 62.80 | 20.37 |
|        | -9.8              | -11      | 81.60                     | 23.98 | 76.90 | 22.78 | 72.20 | 22.09 | 70.00 | 21.37 | 67.50 | 20.51 | 62.80 | 19.62 |
|        | -9.5              | -10      | 81.60                     | 23.70 | 76.90 | 22.53 | 72.20 | 21.96 | 70.00 | 21.24 | 67.50 | 20.39 | 62.80 | 19.50 |
|        | -8.5              | -9.1     | 81.60                     | 22.97 | 76.90 | 21.98 | 72.20 | 21.55 | 70.00 | 20.84 | 67.50 | 19.99 | 62.80 | 19.13 |
|        | -7                | -7.6     | 81.60                     | 22.04 | 76.90 | 21.35 | 72.20 | 20.92 | 70.00 | 20.20 | 67.50 | 19.42 | 62.80 | 18.56 |
|        | -5                | -5.6     | 81.60                     | 21.22 | 76.90 | 20.56 | 72.20 | 20.13 | 70.00 | 19.41 | 67.50 | 18.67 | 62.80 | 17.85 |
|        | -3                | -3.7     | 81.60                     | 20.38 | 76.90 | 19.77 | 72.20 | 19.33 | 70.00 | 18.63 | 67.50 | 17.93 | 62.80 | 17.14 |
|        | 0                 | -0.7     | 81.60                     | 19.15 | 76.90 | 18.59 | 72.20 | 18.13 | 70.00 | 17.46 | 67.50 | 16.81 | 62.80 | 16.07 |
|        | 3                 | 2.2      | 81.60                     | 17.92 | 76.90 | 17.38 | 72.20 | 16.94 | 70.00 | 16.26 | 67.50 | 15.70 | 62.80 | 15.00 |
|        | 5                 | 4.1      | 77.20                     | 15.65 | 72.50 | 15.13 | 67.80 | 14.65 | 65.60 | 14.03 | 63.00 | 13.53 | 58.30 | 12.86 |
|        | 7                 | 6        | 72.70                     | 13.56 | 68.00 | 13.07 | 63.30 | 12.59 | 60.90 | 11.99 | 58.40 | 11.55 | 53.70 | 10.91 |
|        | 9                 | 7.9      | 68.10                     | 11.51 | 63.30 | 11.06 | 58.50 | 10.60 | 56.20 | 10.07 | 53.70 | 9.68  | 48.80 | 9.08  |
|        | 11                | 9.8      | 63.40                     | 9.61  | 58.50 | 9.18  | 53.70 | 8.75  | 51.30 | 8.30  | 48.80 | 7.95  | 43.90 | 7.41  |
|        | 13                | 11.8     | 58.30                     | 8.00  | 53.50 | 7.61  | 48.60 | 7.23  | 46.20 | 6.82  | 43.70 | 6.53  | 38.70 | 6.03  |
|        | 15                | 13.7     | 53.20                     | 6.67  | 48.30 | 6.32  | 43.40 | 5.96  | 41.00 | 5.63  | 38.30 | 5.36  | 33.40 | 4.92  |
| 70     | -30               | -30.2    | 33.60                     | 24.11 | 33.60 | 24.46 | 33.50 | 25.18 | 33.50 | 30.36 | 33.50 | 28.89 | 33.30 | 27.57 |
|        | -24.8             | -25      | 56.10                     | 25.84 | 56.10 | 26.17 | 55.80 | 26.88 | 55.80 | 27.93 | 55.70 | 26.59 | 53.70 | 24.55 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 66.30                     | 26.82 | 65.30 | 26.61 | 61.40 | 25.88 | 59.30 | 24.26 | 57.60 | 23.13 | 53.70 | 22.05 |
|        | -19.8             | -20      | 69.10                     | 26.76 | 65.30 | 25.85 | 61.40 | 24.58 | 59.30 | 23.43 | 57.60 | 22.35 | 53.70 | 21.29 |
|        | -18.8             | -19      | 69.10                     | 26.39 | 65.30 | 25.03 | 61.40 | 24.14 | 59.30 | 23.00 | 57.60 | 21.96 | 53.70 | 20.90 |
|        | -16.7             | -17      | 69.10                     | 24.56 | 65.30 | 24.00 | 61.40 | 23.22 | 59.30 | 22.13 | 57.60 | 21.13 | 53.70 | 20.12 |
|        | -15               | -15.9    | 69.10                     | 23.82 | 65.30 | 23.33 | 61.40 | 22.55 | 59.30 | 21.49 | 57.60 | 20.54 | 53.70 | 19.55 |
|        | -13.7             | -15      | 69.10                     | 23.11 | 65.30 | 22.65 | 61.40 | 21.90 | 59.30 | 20.87 | 57.60 | 19.97 | 53.70 | 18.99 |
|        | -11.8             | -13      | 69.10                     | 22.26 | 65.30 | 21.79 | 61.40 | 21.07 | 59.30 | 20.08 | 57.60 | 19.23 | 53.70 | 18.27 |
|        | -9.8              | -11      | 69.10                     | 21.37 | 65.30 | 20.90 | 61.40 | 20.20 | 59.30 | 19.25 | 57.60 | 18.44 | 53.70 | 17.51 |
|        | -9.5              | -10      | 69.10                     | 21.24 | 65.30 | 20.76 | 61.40 | 20.08 | 59.30 | 19.14 | 57.60 | 18.33 | 53.70 | 17.40 |
|        | -8.5              | -9.1     | 69.10                     | 20.79 | 65.30 | 20.31 | 61.40 | 19.63 | 59.30 | 18.72 | 57.60 | 17.95 | 53.70 | 17.03 |
|        | -7                | -7.6     | 69.10                     | 20.13 | 65.30 | 19.65 | 61.40 | 18.99 | 59.30 | 18.10 | 57.60 | 17.37 | 53.70 | 16.48 |
|        | -5                | -5.6     | 69.10                     | 19.28 | 65.30 | 18.79 | 61.40 | 18.15 | 59.30 | 17.31 | 57.60 | 16.63 | 53.70 | 15.76 |
|        | -3                | -3.7     | 69.10                     | 18.44 | 65.30 | 17.93 | 61.40 | 17.32 | 59.30 | 16.52 | 57.60 | 15.89 | 53.70 | 15.04 |
|        | 0                 | -0.7     | 69.10                     | 17.17 | 65.30 | 16.64 | 61.40 | 16.08 | 59.30 | 15.34 | 57.60 | 14.78 | 53.70 | 13.96 |
|        | 3                 | 2.2      | 69.10                     | 15.89 | 65.30 | 15.35 | 61.40 | 14.83 | 59.30 | 14.16 | 57.60 | 13.67 | 53.70 | 12.89 |
|        | 5                 | 4.1      | 65.40                     | 13.80 | 61.60 | 13.25 | 57.60 | 12.75 | 55.50 | 12.14 | 53.80 | 11.73 | 49.80 | 11.00 |
|        | 7                 | 6        | 61.60                     | 11.88 | 57.80 | 11.34 | 53.70 | 10.88 | 51.60 | 10.33 | 49.90 | 9.97  | 45.80 | 9.28  |
|        | 9                 | 7.9      | 57.70                     | 9.75  | 53.80 | 9.25  | 49.70 | 8.84  | 47.60 | 8.38  | 45.80 | 8.06  | 41.80 | 7.47  |
|        | 11                | 9.8      | 53.70                     | 8.18  | 49.70 | 7.74  | 45.60 | 7.36  | 43.40 | 6.96  | 41.60 | 6.69  | 37.50 | 6.16  |
|        | 13                | 11.8     | 49.40                     | 6.87  | 45.40 | 6.48  | 41.30 | 6.13  | 39.20 | 5.79  | 37.30 | 5.54  | 33.10 | 5.08  |
|        | 15                | 13.7     | 45.10                     | 5.77  | 41.00 | 5.42  | 36.90 | 5.11  | 34.70 | 4.81  | 32.70 | 4.60  | 28.50 | 4.18  |
| 60     | -30               | -30.2    | 33.20                     | 23.46 | 33.20 | 24.16 | 33.10 | 29.42 | 32.60 | 27.92 | 32.10 | 26.51 | 30.20 | 25.23 |
|        | -24.8             | -25      | 55.40                     | 25.17 | 55.30 | 25.82 | 52.70 | 25.76 | 50.90 | 23.99 | 49.20 | 22.34 | 46.00 | 21.10 |
|        | -21.8             | -22      | 59.30                     | 25.40 | 56.20 | 24.56 | 52.70 | 23.31 | 50.90 | 22.15 | 49.20 | 21.05 | 46.00 | 19.99 |
|        | -19.8             | -20      | 59.30                     | 24.51 | 56.20 | 23.64 | 52.70 | 22.45 | 50.90 | 21.33 | 49.20 | 20.28 | 46.00 | 19.26 |
|        | -18.8             | -19      | 59.30                     | 24.05 | 56.20 | 23.17 | 52.70 | 22.01 | 50.90 | 20.93 | 49.20 | 19.90 | 46.00 | 18.87 |
|        | -16.7             | -17      | 59.30                     | 23.09 | 56.20 | 22.22 | 52.70 | 21.11 | 50.90 | 20.08 | 49.20 | 19.10 | 46.00 | 18.10 |
|        | -15               | -15.9    | 59.30                     | 22.39 | 56.20 | 21.54 | 52.70 | 20.46 | 50.90 | 19.47 | 49.20 | 18.53 | 46.00 | 17.54 |
|        | -13.7             | -15      | 59.30                     | 21.71 | 56.20 | 20.86 | 52.70 | 19.82 | 50.90 | 18.87 | 49.20 | 17.97 | 46.00 | 17.00 |
|        | -11.8             | -13      | 59.30                     | 20.86 | 56.20 | 20.01 | 52.70 | 19.01 | 50.90 | 18.10 | 49.20 | 17.25 | 46.00 | 16.31 |
|        | -9.8              | -11      | 59.30                     | 19.94 | 56.20 | 19.11 | 52.70 | 18.16 | 50.90 | 17.31 | 49.20 | 16.50 | 46.00 | 15.58 |
|        | -9.5              | -10      | 59.30                     | 19.80 | 56.20 | 18.98 | 52.70 | 18.04 | 50.90 | 17.19 | 49.20 | 16.38 | 46.00 | 15.45 |
|        | -8.5              | -9.1     | 59.30                     | 19.36 | 56.20 | 18.53 | 52.70 | 17.61 | 50.90 | 16.80 | 49.20 | 16.00 | 46.00 | 15.10 |
|        | -7                | -7.6     | 59.30                     | 18.69 | 56.20 | 17.86 | 52.70 | 16.98 | 50.90 | 16.19 | 49.20 | 15.43 | 46.00 | 14.56 |
|        | -5                | -5.6     | 59.30                     | 17.82 | 56.20 | 16.99 | 52.70 | 16.16 | 50.90 | 15.43 | 49.20 | 14.72 | 46.00 | 13.86 |
|        | -3                | -3.7     | 59.30                     | 16.95 | 56.20 | 16.13 | 52.70 | 15.35 | 50.90 | 14.66 | 49.20 | 14.00 | 46.00 | 13.16 |
|        | 0                 | -0.7     | 59.30                     | 15.65 | 56.20 | 14.83 | 52.70 | 14.13 | 50.90 | 13.51 | 49.20 | 12.92 | 46.00 | 12.11 |
|        | 3                 | 2.2      | 59.30                     | 14.36 | 56.20 | 13.55 | 52.70 | 12.89 | 50.90 | 12.37 | 49.20 | 11.83 | 46.00 | 11.06 |
|        | 5                 | 4.1      | 56.10                     | 12.41 | 53.00 | 11.63 | 49.50 | 11.05 | 47.60 | 10.58 | 45.90 | 10.12 | 42.70 | 9.39  |
|        | 7                 | 6        | 52.80                     | 10.64 | 49.70 | 9.90  | 46.20 | 9.37  | 44.30 | 8.97  | 42.60 | 8.57  | 39.30 | 7.88  |
|        | 9                 | 7.9      | 49.50                     | 8.64  | 46.20 | 8.02  | 42.70 | 7.57  | 40.90 | 7.23  | 39.10 | 6.89  | 35.70 | 6.32  |
|        | 11                | 9.8      | 46.00                     | 7.33  | 42.70 | 6.77  | 39.20 | 6.36  | 37.30 | 6.07  | 35.50 | 5.77  | 32.20 | 5.27  |
|        | 13                | 11.8     | 42.40                     | 6.19  | 39.10 | 5.70  | 35.50 | 5.35  | 33.60 | 5.08  | 31.80 | 4.82  | 28.30 | 4.38  |
|        | 15                | 13.7     | 38.70                     | 5.26  | 35.30 | 4.83  | 31.70 | 4.51  | 29.80 | 4.28  | 28.00 | 4.05  | 24.50 | 3.67  |
| 50     | -30               | -30.2    | 32.50                     | 21.36 | 30.70 | 26.48 | 28.80 | 25.08 | 28.00 | 23.76 | 27.00 | 22.47 | 25.20 | 21.37 |
|        | -24.8             | -25      | 49.50                     | 21.11 | 46.70 | 22.08 | 43.90 | 20.91 | 42.50 | 19.82 | 41.10 | 18.78 | 38.30 | 17.82 |
|        | -21.8             | -22      | 49.50                     | 22.02 | 46.70 | 20.85 | 43.90 | 19.77 | 42.50 | 18.73 | 41.10 | 17.78 | 38.30 | 16.85 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 49.50                     | 21.16 | 46.70 | 20.05 | 43.90 | 19.00 | 42.50 | 18.02 | 41.10 | 17.11 | 38.30 | 16.21 |
|        | -18.8             | -19      | 49.50                     | 20.76 | 46.70 | 19.63 | 43.90 | 18.64 | 42.50 | 17.66 | 41.10 | 16.77 | 38.30 | 15.90 |
|        | -16.7             | -17      | 49.50                     | 19.86 | 46.70 | 18.80 | 43.90 | 17.84 | 42.50 | 16.91 | 41.10 | 16.07 | 38.30 | 15.22 |
|        | -15               | -15.9    | 49.50                     | 19.23 | 46.70 | 18.19 | 43.90 | 17.27 | 42.50 | 16.37 | 41.10 | 15.58 | 38.30 | 14.73 |
|        | -13.7             | -15      | 49.50                     | 18.60 | 46.70 | 17.59 | 43.90 | 16.71 | 42.50 | 15.84 | 41.10 | 15.08 | 38.30 | 14.26 |
|        | -11.8             | -13      | 49.50                     | 17.81 | 46.70 | 16.83 | 43.90 | 15.99 | 42.50 | 15.17 | 41.10 | 14.46 | 38.30 | 13.66 |
|        | -9.8              | -11      | 49.50                     | 16.98 | 46.70 | 16.03 | 43.90 | 15.25 | 42.50 | 14.47 | 41.10 | 13.80 | 38.30 | 13.03 |
|        | -9.5              | -10      | 49.50                     | 16.86 | 46.70 | 15.91 | 43.90 | 15.14 | 42.50 | 14.37 | 41.10 | 13.70 | 38.30 | 12.94 |
|        | -8.5              | -9.1     | 49.50                     | 16.42 | 46.70 | 15.50 | 43.90 | 14.77 | 42.50 | 14.01 | 41.10 | 13.38 | 38.30 | 12.62 |
|        | -7                | -7.6     | 49.50                     | 15.80 | 46.70 | 14.92 | 43.90 | 14.22 | 42.50 | 13.48 | 41.10 | 12.89 | 38.30 | 12.15 |
|        | -5                | -5.6     | 49.50                     | 15.00 | 46.70 | 14.16 | 43.90 | 13.49 | 42.50 | 12.80 | 41.10 | 12.25 | 38.30 | 11.55 |
|        | -3                | -3.7     | 49.50                     | 14.21 | 46.70 | 13.39 | 43.90 | 12.78 | 42.50 | 12.13 | 41.10 | 11.61 | 38.30 | 10.94 |
|        | 0                 | -0.7     | 49.50                     | 13.00 | 46.70 | 12.23 | 43.90 | 11.71 | 42.50 | 11.11 | 41.10 | 10.67 | 38.30 | 10.03 |
|        | 3                 | 2.2      | 49.50                     | 11.81 | 46.70 | 11.08 | 43.90 | 10.62 | 42.50 | 10.09 | 41.10 | 9.72  | 38.30 | 9.11  |
|        | 5                 | 4.1      | 46.90                     | 10.16 | 44.10 | 9.51  | 41.20 | 9.11  | 39.80 | 8.63  | 38.30 | 8.32  | 35.50 | 7.76  |
|        | 7                 | 6        | 44.10                     | 8.66  | 41.30 | 8.05  | 38.50 | 7.72  | 37.00 | 7.31  | 35.50 | 7.05  | 32.70 | 6.53  |
|        | 9                 | 7.9      | 41.30                     | 7.17  | 38.50 | 6.66  | 35.50 | 6.34  | 34.10 | 6.01  | 32.70 | 5.79  | 29.70 | 5.33  |
|        | 11                | 9.8      | 38.50                     | 6.12  | 35.50 | 5.66  | 32.60 | 5.40  | 31.10 | 5.09  | 29.70 | 4.89  | 26.70 | 4.49  |
|        | 13                | 11.8     | 35.40                     | 5.22  | 32.50 | 4.83  | 29.60 | 4.59  | 28.00 | 4.32  | 26.60 | 4.15  | 23.60 | 3.79  |
|        | 15                | 13.7     | 32.30                     | 4.49  | 29.40 | 4.13  | 26.40 | 3.91  | 24.90 | 3.69  | 23.40 | 3.53  | 20.30 | 3.22  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM300LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 38.90                     | 29.13 | 38.90 | 29.46 | 38.60 | 29.76 | 38.60 | 30.22 | 38.60 | 30.67 | 38.20 | 31.37 |
|        | -24.8             | -25      | 64.80                     | 30.22 | 64.80 | 30.55 | 64.40 | 30.86 | 64.40 | 31.31 | 64.40 | 31.76 | 63.60 | 32.45 |
|        | -21.8             | -22      | 76.90                     | 30.85 | 76.90 | 31.19 | 76.40 | 31.49 | 76.40 | 31.94 | 76.40 | 32.39 | 75.40 | 33.06 |
|        | -19.8             | -20      | 80.20                     | 31.27 | 80.20 | 31.61 | 79.70 | 31.90 | 79.70 | 32.37 | 79.70 | 32.79 | 78.60 | 33.48 |
|        | -18.8             | -19      | 81.90                     | 31.48 | 81.90 | 31.82 | 81.30 | 32.11 | 81.30 | 32.57 | 81.30 | 33.00 | 80.30 | 33.69 |
|        | -16.7             | -17      | 85.50                     | 31.92 | 85.50 | 32.25 | 84.80 | 32.55 | 84.80 | 33.00 | 84.80 | 33.43 | 83.70 | 34.12 |
|        | -15               | -15.9    | 88.10                     | 32.22 | 88.10 | 32.56 | 87.40 | 32.86 | 87.40 | 33.31 | 87.40 | 33.74 | 86.30 | 33.34 |
|        | -13.7             | -15      | 90.60                     | 32.53 | 90.60 | 32.87 | 90.00 | 33.17 | 90.00 | 33.62 | 90.00 | 34.05 | 88.80 | 32.57 |
|        | -11.8             | -13      | 93.50                     | 32.93 | 93.50 | 33.26 | 93.00 | 33.55 | 93.00 | 34.02 | 93.00 | 33.00 | 91.90 | 31.58 |
|        | -9.8              | -11      | 96.70                     | 33.33 | 96.70 | 33.68 | 95.90 | 33.97 | 95.90 | 32.88 | 95.90 | 31.90 | 94.90 | 30.57 |
|        | -9.5              | -10      | 97.20                     | 33.41 | 97.20 | 33.74 | 96.70 | 33.80 | 96.70 | 32.69 | 96.40 | 31.74 | 95.40 | 30.40 |
|        | -8.5              | -9.1     | 99.20                     | 33.61 | 99.20 | 33.95 | 98.70 | 33.20 | 98.70 | 32.15 | 98.00 | 31.18 | 97.00 | 29.90 |
|        | -7                | -7.6     | 102.4                     | 33.91 | 102.4 | 33.05 | 101.8 | 32.32 | 101.8 | 31.28 | 101.8 | 30.35 | 100.0 | 29.12 |
|        | -5                | -5.6     | 106.6                     | 32.77 | 106.6 | 31.92 | 105.9 | 31.18 | 105.9 | 30.18 | 105.9 | 29.29 | 103.2 | 28.14 |
|        | -3                | -3.7     | 110.9                     | 31.61 | 110.9 | 30.77 | 110.0 | 30.03 | 110.0 | 29.08 | 110.0 | 28.23 | 105.6 | 26.91 |
|        | 0                 | -0.7     | 116.9                     | 29.89 | 116.9 | 29.05 | 116.3 | 28.32 | 116.1 | 27.39 | 114.4 | 26.18 | 106.7 | 24.62 |
|        | 3                 | 2.2      | 121.4                     | 27.73 | 121.4 | 26.90 | 120.7 | 26.20 | 118.7 | 25.00 | 114.6 | 23.72 | 106.7 | 22.83 |
|        | 5                 | 4.1      | 115.7                     | 23.67 | 115.2 | 22.83 | 114.3 | 22.14 | 111.2 | 21.10 | 107.0 | 20.29 | 99.00 | 19.53 |
|        | 7                 | 6        | 108.9                     | 20.11 | 108.0 | 19.29 | 106.6 | 18.58 | 103.4 | 17.87 | 99.10 | 17.23 | 91.10 | 16.50 |
|        | 9                 | 7.9      | 102.0                     | 17.33 | 100.6 | 16.52 | 98.70 | 15.79 | 95.30 | 15.20 | 91.10 | 14.62 | 82.90 | 13.88 |
|        | 11                | 9.8      | 94.80                     | 14.92 | 92.90 | 14.15 | 90.50 | 13.44 | 87.00 | 12.90 | 82.80 | 12.35 | 74.50 | 11.62 |
|        | 13                | 11.8     | 87.40                     | 12.67 | 85.00 | 11.96 | 82.00 | 11.27 | 78.40 | 10.76 | 74.10 | 10.27 | 65.70 | 9.56  |
|        | 15                | 13.7     | 79.70                     | 10.61 | 76.70 | 9.94  | 73.10 | 9.29  | 69.50 | 8.84  | 65.10 | 8.39  | 56.70 | 7.72  |
| 120    | -30               | -30.2    | 38.60                     | 29.46 | 38.60 | 29.76 | 38.40 | 30.22 | 38.40 | 30.67 | 38.40 | 31.37 | 37.90 | 31.86 |
|        | -24.8             | -25      | 64.40                     | 30.55 | 64.40 | 30.86 | 64.00 | 31.31 | 64.00 | 31.76 | 64.00 | 32.45 | 63.10 | 32.93 |
|        | -21.8             | -22      | 76.40                     | 31.19 | 76.40 | 31.49 | 75.90 | 31.94 | 75.90 | 32.39 | 75.90 | 33.06 | 74.90 | 33.54 |
|        | -19.8             | -20      | 79.60                     | 31.61 | 79.60 | 31.90 | 79.00 | 32.37 | 79.00 | 32.79 | 79.00 | 33.48 | 78.10 | 33.95 |
|        | -18.8             | -19      | 81.20                     | 31.82 | 81.20 | 32.11 | 80.70 | 32.57 | 80.70 | 33.00 | 80.70 | 33.69 | 79.80 | 34.16 |
|        | -16.7             | -17      | 84.80                     | 32.25 | 84.80 | 32.55 | 84.30 | 33.00 | 84.30 | 33.43 | 84.30 | 34.12 | 83.10 | 33.16 |
|        | -15               | -15.9    | 87.30                     | 32.56 | 87.30 | 32.86 | 86.80 | 33.31 | 86.80 | 33.74 | 86.80 | 33.37 | 85.60 | 32.45 |
|        | -13.7             | -15      | 89.90                     | 32.87 | 89.90 | 33.17 | 89.30 | 33.62 | 89.30 | 34.05 | 89.30 | 32.62 | 88.20 | 31.74 |
|        | -11.8             | -13      | 92.90                     | 33.26 | 92.90 | 33.55 | 92.10 | 34.02 | 92.10 | 32.99 | 92.10 | 31.67 | 91.20 | 30.83 |
|        | -9.8              | -11      | 95.80                     | 33.68 | 95.80 | 33.97 | 95.30 | 32.84 | 95.30 | 31.88 | 95.30 | 30.67 | 94.30 | 29.89 |
|        | -9.5              | -10      | 96.60                     | 33.74 | 96.60 | 33.78 | 95.90 | 32.66 | 95.90 | 31.72 | 95.90 | 30.53 | 94.90 | 29.74 |
|        | -8.5              | -9.1     | 98.60                     | 33.95 | 98.60 | 33.15 | 98.00 | 32.06 | 98.00 | 31.15 | 97.80 | 30.04 | 96.70 | 29.28 |
|        | -7                | -7.6     | 101.7                     | 33.00 | 101.7 | 32.22 | 101.1 | 31.21 | 101.1 | 30.33 | 100.5 | 29.29 | 98.90 | 28.45 |
|        | -5                | -5.6     | 105.8                     | 31.77 | 105.8 | 31.00 | 105.2 | 30.07 | 105.2 | 29.25 | 105.2 | 28.33 | 100.2 | 27.00 |
|        | -3                | -3.7     | 110.0                     | 30.55 | 110.0 | 29.80 | 109.3 | 28.93 | 109.3 | 28.18 | 107.8 | 26.99 | 100.2 | 25.43 |
|        | 0                 | -0.7     | 116.2                     | 28.71 | 116.2 | 27.98 | 114.3 | 26.95 | 111.3 | 25.60 | 107.8 | 24.49 | 100.2 | 23.96 |
|        | 3                 | 2.2      | 120.5                     | 26.41 | 119.9 | 25.61 | 115.2 | 24.38 | 111.3 | 23.57 | 107.8 | 23.14 | 100.2 | 22.68 |
|        | 5                 | 4.1      | 114.7                     | 22.47 | 113.1 | 21.65 | 108.2 | 20.81 | 104.2 | 20.33 | 100.6 | 20.00 | 93.00 | 19.49 |
|        | 7                 | 6        | 108.0                     | 19.02 | 106.0 | 18.31 | 100.9 | 17.77 | 96.90 | 17.34 | 93.30 | 17.08 | 85.50 | 16.56 |
|        | 9                 | 7.9      | 101.2                     | 16.36 | 98.70 | 15.71 | 93.40 | 15.17 | 89.30 | 14.76 | 85.70 | 14.49 | 77.90 | 13.93 |
|        | 11                | 9.8      | 94.00                     | 14.10 | 91.20 | 13.46 | 85.50 | 12.92 | 81.60 | 12.52 | 77.80 | 12.24 | 70.00 | 11.68 |
|        | 13                | 11.8     | 86.70                     | 11.99 | 83.40 | 11.38 | 77.50 | 10.84 | 73.50 | 10.47 | 69.70 | 10.19 | 61.70 | 9.63  |
|        | 15                | 13.7     | 79.00                     | 10.04 | 75.40 | 9.47  | 69.20 | 8.96  | 65.10 | 8.61  | 61.30 | 8.34  | 53.20 | 7.80  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 38.40                     | 29.76 | 38.40 | 30.22 | 38.20 | 30.67 | 38.20 | 31.37 | 38.20 | 31.86 | 37.70 | 32.06 |
|        | -24.8             | -25      | 64.00                     | 30.86 | 64.00 | 31.31 | 63.70 | 31.76 | 63.70 | 32.45 | 63.70 | 32.93 | 62.80 | 33.14 |
|        | -21.8             | -22      | 76.10                     | 31.49 | 76.10 | 31.94 | 75.50 | 32.39 | 75.50 | 33.06 | 75.50 | 33.54 | 74.60 | 33.78 |
|        | -19.8             | -20      | 79.20                     | 31.90 | 79.20 | 32.37 | 78.70 | 32.79 | 78.70 | 33.48 | 78.70 | 33.95 | 77.60 | 34.19 |
|        | -18.8             | -19      | 80.80                     | 32.11 | 80.80 | 32.57 | 80.30 | 33.00 | 80.30 | 33.69 | 80.30 | 34.16 | 79.20 | 33.67 |
|        | -16.7             | -17      | 84.30                     | 32.55 | 84.30 | 33.00 | 83.80 | 33.43 | 83.80 | 34.12 | 83.80 | 33.09 | 82.60 | 32.58 |
|        | -15               | -15.9    | 86.90                     | 32.86 | 86.90 | 33.31 | 86.30 | 33.74 | 86.30 | 33.31 | 86.30 | 32.33 | 85.70 | 31.81 |
|        | -13.7             | -15      | 89.40                     | 33.17 | 89.40 | 33.62 | 88.80 | 34.05 | 88.80 | 32.51 | 88.80 | 31.57 | 88.80 | 31.05 |
|        | -11.8             | -13      | 92.30                     | 33.55 | 92.30 | 34.02 | 91.60 | 32.91 | 91.60 | 31.48 | 91.60 | 30.62 | 90.20 | 29.61 |
|        | -9.8              | -11      | 95.30                     | 33.97 | 95.30 | 32.74 | 94.80 | 31.72 | 94.80 | 30.42 | 94.80 | 29.60 | 90.20 | 27.86 |
|        | -9.5              | -10      | 95.90                     | 33.76 | 95.90 | 32.53 | 95.40 | 31.54 | 95.40 | 30.25 | 95.40 | 29.46 | 90.20 | 27.37 |
|        | -8.5              | -9.1     | 98.10                     | 33.07 | 98.10 | 31.89 | 97.50 | 30.95 | 97.50 | 29.71 | 96.50 | 28.65 | 90.20 | 26.79 |
|        | -7                | -7.6     | 101.2                     | 32.02 | 101.2 | 30.92 | 100.6 | 30.05 | 100.0 | 28.74 | 96.50 | 27.07 | 90.20 | 26.07 |
|        | -5                | -5.6     | 105.3                     | 30.67 | 105.3 | 29.68 | 103.3 | 28.54 | 100.0 | 26.65 | 96.50 | 25.70 | 90.20 | 25.14 |
|        | -3                | -3.7     | 109.3                     | 29.32 | 108.8 | 28.30 | 103.3 | 26.37 | 100.0 | 25.33 | 96.50 | 24.78 | 90.20 | 24.23 |
|        | 0                 | -0.7     | 114.8                     | 27.10 | 110.1 | 25.41 | 103.3 | 24.54 | 100.0 | 23.88 | 96.50 | 23.43 | 90.20 | 22.85 |
|        | 3                 | 2.2      | 116.5                     | 24.25 | 110.1 | 23.32 | 103.3 | 22.91 | 100.0 | 22.43 | 96.50 | 22.05 | 90.20 | 21.45 |
|        | 5                 | 4.1      | 110.3                     | 20.59 | 103.8 | 20.13 | 97.00 | 19.73 | 93.70 | 19.36 | 90.10 | 19.01 | 83.70 | 18.35 |
|        | 7                 | 6        | 103.8                     | 17.59 | 97.30 | 17.17 | 90.50 | 16.83 | 87.00 | 16.54 | 83.50 | 16.23 | 77.00 | 15.54 |
|        | 9                 | 7.9      | 97.20                     | 15.14 | 90.60 | 14.71 | 83.70 | 14.35 | 80.30 | 14.06 | 76.70 | 13.75 | 70.10 | 13.06 |
|        | 11                | 9.8      | 90.40                     | 13.01 | 83.80 | 12.58 | 76.80 | 12.18 | 73.30 | 11.90 | 69.70 | 11.60 | 63.00 | 10.92 |
|        | 13                | 11.8     | 83.30                     | 11.03 | 76.60 | 10.62 | 69.50 | 10.21 | 66.00 | 9.93  | 62.40 | 9.64  | 55.50 | 9.01  |
|        | 15                | 13.7     | 76.00                     | 9.22  | 69.10 | 8.82  | 62.00 | 8.42  | 58.50 | 8.16  | 54.80 | 7.90  | 47.90 | 7.30  |
| 100    | -30               | -30.2    | 38.20                     | 32.88 | 38.20 | 33.03 | 38.00 | 30.34 | 38.00 | 33.39 | 38.00 | 33.01 | 37.50 | 33.63 |
|        | -24.8             | -25      | 63.70                     | 33.17 | 63.70 | 33.31 | 63.40 | 32.02 | 63.40 | 33.68 | 63.40 | 33.84 | 62.50 | 33.92 |
|        | -21.8             | -22      | 75.60                     | 33.34 | 75.60 | 33.48 | 75.20 | 32.97 | 75.20 | 33.85 | 75.20 | 34.32 | 74.20 | 34.09 |
|        | -19.8             | -20      | 78.80                     | 33.44 | 78.80 | 33.58 | 78.30 | 33.57 | 78.30 | 33.94 | 78.30 | 34.22 | 77.40 | 34.19 |
|        | -18.8             | -19      | 80.50                     | 33.49 | 80.00 | 33.65 | 80.00 | 33.78 | 80.00 | 34.00 | 80.00 | 34.16 | 78.90 | 33.57 |
|        | -16.7             | -17      | 83.50                     | 33.60 | 83.50 | 33.75 | 83.50 | 34.22 | 83.10 | 34.12 | 83.10 | 32.90 | 81.90 | 32.31 |
|        | -15               | -15.9    | 86.30                     | 33.68 | 86.30 | 33.83 | 86.00 | 34.13 | 85.80 | 33.19 | 85.80 | 32.00 | 82.40 | 30.58 |
|        | -13.7             | -15      | 89.00                     | 33.77 | 89.00 | 33.91 | 88.40 | 34.05 | 88.40 | 32.27 | 88.40 | 31.10 | 82.40 | 28.77 |
|        | -11.8             | -13      | 91.80                     | 33.87 | 91.30 | 34.02 | 91.30 | 32.80 | 91.30 | 31.11 | 88.50 | 29.03 | 82.40 | 27.69 |
|        | -9.8              | -11      | 94.80                     | 33.97 | 94.80 | 32.61 | 94.50 | 31.50 | 91.50 | 28.94 | 88.50 | 27.15 | 82.40 | 26.54 |
|        | -9.5              | -10      | 95.40                     | 33.75 | 95.40 | 32.40 | 94.50 | 31.12 | 91.50 | 28.60 | 88.50 | 26.98 | 82.40 | 26.37 |
|        | -8.5              | -9.1     | 97.60                     | 33.01 | 97.60 | 31.71 | 94.50 | 29.84 | 91.50 | 27.44 | 88.50 | 26.41 | 82.40 | 25.81 |
|        | -7                | -7.6     | 102.2                     | 31.89 | 100.5 | 30.21 | 94.50 | 27.99 | 91.50 | 26.59 | 88.50 | 25.58 | 82.40 | 24.96 |
|        | -5                | -5.6     | 106.4                     | 30.34 | 100.5 | 27.84 | 94.50 | 26.79 | 91.50 | 25.47 | 88.50 | 24.48 | 82.40 | 23.86 |
|        | -3                | -3.7     | 106.6                     | 28.15 | 100.5 | 26.37 | 94.50 | 25.60 | 91.50 | 24.34 | 88.50 | 23.41 | 82.40 | 22.76 |
|        | 0                 | -0.7     | 106.6                     | 25.36 | 100.5 | 24.44 | 94.50 | 23.80 | 91.50 | 22.68 | 88.50 | 21.76 | 82.40 | 21.12 |
|        | 3                 | 2.2      | 106.6                     | 23.33 | 100.5 | 22.52 | 94.50 | 22.01 | 91.50 | 21.01 | 88.50 | 20.14 | 82.40 | 19.46 |
|        | 5                 | 4.1      | 100.9                     | 20.07 | 94.80 | 19.34 | 88.70 | 18.86 | 85.70 | 17.96 | 82.70 | 17.17 | 76.40 | 16.45 |
|        | 7                 | 6        | 95.10                     | 17.09 | 88.80 | 16.41 | 82.70 | 15.97 | 79.70 | 15.21 | 76.60 | 14.48 | 70.40 | 13.76 |
|        | 9                 | 7.9      | 89.00                     | 14.51 | 82.70 | 13.88 | 76.50 | 13.45 | 73.50 | 12.76 | 70.30 | 12.11 | 64.00 | 11.43 |
|        | 11                | 9.8      | 82.80                     | 12.29 | 76.50 | 11.70 | 70.20 | 11.27 | 67.00 | 10.66 | 63.90 | 10.08 | 57.50 | 9.44  |
|        | 13                | 11.8     | 76.30                     | 10.26 | 69.90 | 9.70  | 63.60 | 9.29  | 60.50 | 8.76  | 57.20 | 8.27  | 50.70 | 7.66  |
|        | 15                | 13.7     | 69.50                     | 8.41  | 63.20 | 7.92  | 56.80 | 7.53  | 53.50 | 7.08  | 50.30 | 6.64  | 43.70 | 6.11  |
| 90     | -30               | -30.2    | 38.10                     | 29.02 | 38.10 | 29.71 | 37.90 | 30.20 | 37.90 | 30.43 | 37.90 | 30.89 | 37.40 | 35.39 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 63.50                     | 30.12 | 63.50 | 30.81 | 63.20 | 31.29 | 63.20 | 31.53 | 63.20 | 31.98 | 62.30 | 32.67 |
|        | -21.8             | -22      | 75.30                     | 30.75 | 75.30 | 31.44 | 74.90 | 31.93 | 74.90 | 32.15 | 74.90 | 32.62 | 73.90 | 31.12 |
|        | -19.8             | -20      | 78.50                     | 31.18 | 78.50 | 31.85 | 78.00 | 32.33 | 78.00 | 32.57 | 78.00 | 31.54 | 75.30 | 29.42 |
|        | -18.8             | -19      | 80.50                     | 31.39 | 80.00 | 32.07 | 79.70 | 32.55 | 79.70 | 32.02 | 79.70 | 31.01 | 75.30 | 28.33 |
|        | -16.7             | -17      | 83.50                     | 31.82 | 83.50 | 32.51 | 83.10 | 31.40 | 83.10 | 30.86 | 81.10 | 29.21 | 75.30 | 26.89 |
|        | -15               | -15.9    | 86.30                     | 32.13 | 86.30 | 31.65 | 85.60 | 30.58 | 83.80 | 29.41 | 81.10 | 27.93 | 75.30 | 26.16 |
|        | -13.7             | -15      | 89.00                     | 32.44 | 89.00 | 30.79 | 86.50 | 29.21 | 83.80 | 27.78 | 81.10 | 26.71 | 75.30 | 25.44 |
|        | -11.8             | -13      | 91.80                     | 31.27 | 91.30 | 29.72 | 86.50 | 27.32 | 83.80 | 26.60 | 81.10 | 25.77 | 75.30 | 24.52 |
|        | -9.8              | -11      | 94.80                     | 30.04 | 91.80 | 27.69 | 86.50 | 26.10 | 83.80 | 25.57 | 81.10 | 24.78 | 75.30 | 23.57 |
|        | -9.5              | -10      | 95.40                     | 29.85 | 91.80 | 27.34 | 86.50 | 25.95 | 83.80 | 25.42 | 81.10 | 24.63 | 75.30 | 23.43 |
|        | -8.5              | -9.1     | 97.40                     | 29.18 | 91.80 | 26.41 | 86.50 | 25.44 | 83.80 | 24.90 | 81.10 | 24.14 | 75.30 | 22.94 |
|        | -7                | -7.6     | 97.60                     | 27.02 | 91.80 | 25.49 | 86.50 | 24.68 | 83.80 | 24.14 | 81.10 | 23.39 | 75.30 | 22.23 |
|        | -5                | -5.6     | 97.60                     | 25.60 | 91.80 | 24.46 | 86.50 | 23.70 | 83.80 | 23.15 | 81.10 | 22.43 | 75.30 | 21.30 |
|        | -3                | -3.7     | 97.60                     | 24.48 | 91.80 | 23.44 | 86.50 | 22.72 | 83.80 | 22.15 | 81.10 | 21.47 | 75.30 | 20.36 |
|        | 0                 | -0.7     | 97.60                     | 22.79 | 91.80 | 21.89 | 86.50 | 21.24 | 83.80 | 20.67 | 81.10 | 20.05 | 75.30 | 18.97 |
|        | 3                 | 2.2      | 97.60                     | 21.11 | 91.80 | 20.34 | 86.50 | 19.77 | 83.80 | 19.18 | 81.10 | 18.60 | 75.30 | 17.60 |
|        | 5                 | 4.1      | 92.40                     | 18.29 | 86.60 | 17.61 | 81.20 | 17.04 | 78.50 | 16.47 | 75.80 | 15.93 | 69.80 | 14.97 |
|        | 7                 | 6        | 87.00                     | 15.68 | 81.10 | 15.09 | 75.70 | 14.57 | 73.00 | 14.00 | 70.10 | 13.51 | 64.30 | 12.59 |
|        | 9                 | 7.9      | 81.50                     | 13.40 | 75.60 | 12.83 | 70.00 | 12.32 | 67.30 | 11.81 | 64.50 | 11.36 | 58.50 | 10.53 |
|        | 11                | 9.8      | 75.80                     | 11.31 | 69.80 | 10.79 | 64.20 | 10.29 | 61.50 | 9.84  | 58.60 | 9.44  | 52.60 | 8.68  |
|        | 13                | 11.8     | 69.80                     | 9.43  | 63.80 | 8.95  | 58.20 | 8.50  | 55.30 | 8.10  | 52.50 | 7.74  | 46.30 | 7.06  |
|        | 15                | 13.7     | 63.60                     | 7.77  | 57.70 | 7.33  | 52.00 | 6.93  | 49.00 | 6.57  | 46.10 | 6.26  | 40.00 | 5.68  |
| 80     | -30               | -30.2    | 37.90                     | 25.36 | 37.90 | 26.05 | 37.70 | 26.54 | 37.70 | 25.97 | 37.70 | 31.42 | 37.20 | 29.98 |
|        | -24.8             | -25      | 63.20                     | 26.47 | 63.20 | 27.16 | 62.80 | 27.65 | 62.80 | 27.87 | 62.80 | 29.03 | 62.00 | 27.71 |
|        | -21.8             | -22      | 74.60                     | 27.11 | 74.60 | 27.80 | 74.60 | 28.29 | 74.40 | 28.90 | 72.30 | 26.83 | 67.30 | 24.92 |
|        | -19.8             | -20      | 77.60                     | 27.54 | 77.60 | 28.22 | 77.00 | 28.72 | 75.00 | 27.06 | 72.30 | 25.31 | 67.30 | 24.10 |
|        | -18.8             | -19      | 79.40                     | 27.75 | 79.40 | 28.91 | 77.30 | 27.72 | 75.00 | 26.19 | 72.30 | 24.81 | 67.30 | 23.70 |
|        | -16.7             | -17      | 81.90                     | 28.88 | 81.90 | 27.88 | 77.30 | 25.86 | 75.00 | 25.02 | 72.30 | 23.91 | 67.30 | 22.84 |
|        | -15               | -15.9    | 83.70                     | 28.11 | 82.40 | 26.96 | 77.30 | 25.16 | 75.00 | 24.34 | 72.30 | 23.28 | 67.30 | 22.22 |
|        | -13.7             | -15      | 85.60                     | 27.35 | 82.40 | 25.90 | 77.30 | 24.48 | 75.00 | 23.65 | 72.30 | 22.63 | 67.30 | 21.61 |
|        | -11.8             | -13      | 87.40                     | 26.12 | 82.40 | 24.53 | 77.30 | 23.59 | 75.00 | 22.79 | 72.30 | 21.83 | 67.30 | 20.84 |
|        | -9.8              | -11      | 87.40                     | 24.46 | 82.40 | 23.29 | 77.30 | 22.68 | 75.00 | 21.90 | 72.30 | 20.98 | 67.30 | 20.03 |
|        | -9.5              | -10      | 87.40                     | 24.18 | 82.40 | 23.04 | 77.30 | 22.54 | 75.00 | 21.77 | 72.30 | 20.85 | 67.30 | 19.91 |
|        | -8.5              | -9.1     | 87.40                     | 23.48 | 82.40 | 22.53 | 77.30 | 22.09 | 75.00 | 21.32 | 72.30 | 20.42 | 67.30 | 19.50 |
|        | -7                | -7.6     | 87.40                     | 22.59 | 82.40 | 21.85 | 77.30 | 21.39 | 75.00 | 20.63 | 72.30 | 19.80 | 67.30 | 18.90 |
|        | -5                | -5.6     | 87.40                     | 21.66 | 82.40 | 20.96 | 77.30 | 20.52 | 75.00 | 19.76 | 72.30 | 18.97 | 67.30 | 18.12 |
|        | -3                | -3.7     | 87.40                     | 20.73 | 82.40 | 20.07 | 77.30 | 19.62 | 75.00 | 18.90 | 72.30 | 18.16 | 67.30 | 17.33 |
|        | 0                 | -0.7     | 87.40                     | 19.34 | 82.40 | 18.75 | 77.30 | 18.29 | 75.00 | 17.59 | 72.30 | 16.93 | 67.30 | 16.17 |
|        | 3                 | 2.2      | 87.40                     | 17.96 | 82.40 | 17.41 | 77.30 | 16.96 | 75.00 | 16.28 | 72.30 | 15.70 | 67.30 | 15.00 |
|        | 5                 | 4.1      | 82.70                     | 15.60 | 77.70 | 15.09 | 72.60 | 14.62 | 70.20 | 13.98 | 67.50 | 13.48 | 62.50 | 12.81 |
|        | 7                 | 6        | 77.90                     | 13.45 | 72.90 | 12.96 | 67.70 | 12.49 | 65.30 | 11.90 | 62.60 | 11.46 | 57.50 | 10.82 |
|        | 9                 | 7.9      | 72.90                     | 11.43 | 67.90 | 10.97 | 62.60 | 10.53 | 60.20 | 10.00 | 57.50 | 9.61  | 52.30 | 9.03  |
|        | 11                | 9.8      | 67.90                     | 9.56  | 62.70 | 9.13  | 57.50 | 8.70  | 55.00 | 8.26  | 52.20 | 7.91  | 47.00 | 7.38  |
|        | 13                | 11.8     | 62.50                     | 7.96  | 57.40 | 7.58  | 52.00 | 7.19  | 49.50 | 6.80  | 46.80 | 6.50  | 41.50 | 6.01  |
|        | 15                | 13.7     | 57.00                     | 6.65  | 51.70 | 6.30  | 46.50 | 5.94  | 43.90 | 5.61  | 41.10 | 5.34  | 35.80 | 4.91  |
| 70     | -30               | -30.2    | 37.90                     | 25.74 | 37.90 | 25.96 | 37.70 | 26.44 | 37.70 | 30.78 | 37.70 | 29.23 | 36.50 | 27.81 |
|        | -24.8             | -25      | 63.20                     | 26.87 | 63.20 | 27.08 | 62.80 | 27.55 | 62.80 | 28.24 | 61.70 | 26.39 | 57.50 | 24.08 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 70.20                     | 27.50 | 69.90 | 27.60 | 65.80 | 26.60 | 63.60 | 25.29 | 61.70 | 24.04 | 57.50 | 22.84 |
|        | -19.8             | -20      | 73.90                     | 27.56 | 70.00 | 26.57 | 65.80 | 25.63 | 63.60 | 24.36 | 61.70 | 23.18 | 57.50 | 22.03 |
|        | -18.8             | -19      | 74.10                     | 27.09 | 70.00 | 26.06 | 65.80 | 25.15 | 63.60 | 23.91 | 61.70 | 22.76 | 57.50 | 21.62 |
|        | -16.7             | -17      | 74.10                     | 25.51 | 70.00 | 25.01 | 65.80 | 24.14 | 63.60 | 22.95 | 61.70 | 21.87 | 57.50 | 20.77 |
|        | -15               | -15.9    | 74.10                     | 24.76 | 70.00 | 24.27 | 65.80 | 23.41 | 63.60 | 22.26 | 61.70 | 21.23 | 57.50 | 20.16 |
|        | -13.7             | -15      | 74.10                     | 24.02 | 70.00 | 23.53 | 65.80 | 22.70 | 63.60 | 21.58 | 61.70 | 20.60 | 57.50 | 19.55 |
|        | -11.8             | -13      | 74.10                     | 23.08 | 70.00 | 22.57 | 65.80 | 21.79 | 63.60 | 20.72 | 61.70 | 19.80 | 57.50 | 18.78 |
|        | -9.8              | -11      | 74.10                     | 22.10 | 70.00 | 21.60 | 65.80 | 20.85 | 63.60 | 19.83 | 61.70 | 18.95 | 57.50 | 17.96 |
|        | -9.5              | -10      | 74.10                     | 21.94 | 70.00 | 21.44 | 65.80 | 20.71 | 63.60 | 19.70 | 61.70 | 18.83 | 57.50 | 17.84 |
|        | -8.5              | -9.1     | 74.10                     | 21.46 | 70.00 | 20.96 | 65.80 | 20.22 | 63.60 | 19.24 | 61.70 | 18.41 | 57.50 | 17.44 |
|        | -7                | -7.6     | 74.10                     | 20.73 | 70.00 | 20.21 | 65.80 | 19.50 | 63.60 | 18.57 | 61.70 | 17.79 | 57.50 | 16.84 |
|        | -5                | -5.6     | 74.10                     | 19.77 | 70.00 | 19.26 | 65.80 | 18.59 | 63.60 | 17.69 | 61.70 | 16.96 | 57.50 | 16.05 |
|        | -3                | -3.7     | 74.10                     | 18.82 | 70.00 | 18.29 | 65.80 | 17.66 | 63.60 | 16.81 | 61.70 | 16.15 | 57.50 | 15.27 |
|        | 0                 | -0.7     | 74.10                     | 17.39 | 70.00 | 16.85 | 65.80 | 16.28 | 63.60 | 15.51 | 61.70 | 14.92 | 57.50 | 14.09 |
|        | 3                 | 2.2      | 74.10                     | 15.96 | 70.00 | 15.41 | 65.80 | 14.88 | 63.60 | 14.19 | 61.70 | 13.70 | 57.50 | 12.91 |
|        | 5                 | 4.1      | 70.10                     | 13.77 | 66.00 | 13.23 | 61.80 | 12.73 | 59.60 | 12.13 | 57.60 | 11.70 | 53.30 | 10.96 |
|        | 7                 | 6        | 66.10                     | 11.79 | 61.90 | 11.24 | 57.60 | 10.79 | 55.40 | 10.25 | 53.40 | 9.89  | 49.10 | 9.21  |
|        | 9                 | 7.9      | 61.80                     | 9.67  | 57.70 | 9.19  | 53.30 | 8.78  | 51.10 | 8.32  | 49.00 | 8.02  | 44.70 | 7.42  |
|        | 11                | 9.8      | 57.50                     | 8.14  | 53.20 | 7.69  | 48.80 | 7.32  | 46.60 | 6.92  | 44.50 | 6.66  | 40.20 | 6.13  |
|        | 13                | 11.8     | 53.00                     | 6.84  | 48.70 | 6.45  | 44.30 | 6.11  | 42.00 | 5.76  | 39.90 | 5.53  | 35.50 | 5.05  |
|        | 15                | 13.7     | 48.30                     | 5.76  | 44.00 | 5.40  | 39.50 | 5.09  | 37.30 | 4.79  | 35.00 | 4.59  | 30.50 | 4.17  |
| 60     | -30               | -30.2    | 36.10                     | 25.32 | 36.10 | 25.79 | 35.90 | 30.28 | 34.70 | 28.62 | 33.50 | 27.07 | 31.30 | 25.70 |
|        | -24.8             | -25      | 60.10                     | 26.44 | 60.00 | 26.85 | 56.50 | 26.06 | 54.50 | 24.66 | 52.70 | 23.35 | 49.30 | 22.13 |
|        | -21.8             | -22      | 63.60                     | 26.74 | 60.20 | 26.01 | 56.50 | 24.61 | 54.50 | 23.31 | 52.70 | 22.10 | 49.30 | 20.91 |
|        | -19.8             | -20      | 63.60                     | 25.97 | 60.20 | 24.99 | 56.50 | 23.66 | 54.50 | 22.41 | 52.70 | 21.25 | 49.30 | 20.11 |
|        | -18.8             | -19      | 63.60                     | 25.46 | 60.20 | 24.47 | 56.50 | 23.17 | 54.50 | 21.96 | 52.70 | 20.83 | 49.30 | 19.70 |
|        | -16.7             | -17      | 63.60                     | 24.37 | 60.20 | 23.41 | 56.50 | 22.17 | 54.50 | 21.03 | 52.70 | 19.95 | 49.30 | 18.86 |
|        | -15               | -15.9    | 63.60                     | 23.60 | 60.20 | 22.65 | 56.50 | 21.46 | 54.50 | 20.37 | 52.70 | 19.32 | 49.30 | 18.25 |
|        | -13.7             | -15      | 63.60                     | 22.83 | 60.20 | 21.89 | 56.50 | 20.75 | 54.50 | 19.70 | 52.70 | 18.70 | 49.30 | 17.65 |
|        | -11.8             | -13      | 63.60                     | 21.86 | 60.20 | 20.94 | 56.50 | 19.84 | 54.50 | 18.85 | 52.70 | 17.92 | 49.30 | 16.91 |
|        | -9.8              | -11      | 63.60                     | 20.84 | 60.20 | 19.93 | 56.50 | 18.90 | 54.50 | 17.97 | 52.70 | 17.08 | 49.30 | 16.10 |
|        | -9.5              | -10      | 63.60                     | 20.68 | 60.20 | 19.79 | 56.50 | 18.76 | 54.50 | 17.83 | 52.70 | 16.96 | 49.30 | 15.97 |
|        | -8.5              | -9.1     | 63.60                     | 20.18 | 60.20 | 19.29 | 56.50 | 18.29 | 54.50 | 17.40 | 52.70 | 16.54 | 49.30 | 15.58 |
|        | -7                | -7.6     | 63.60                     | 19.42 | 60.20 | 18.54 | 56.50 | 17.58 | 54.50 | 16.74 | 52.70 | 15.91 | 49.30 | 14.99 |
|        | -5                | -5.6     | 63.60                     | 18.43 | 60.20 | 17.56 | 56.50 | 16.67 | 54.50 | 15.88 | 52.70 | 15.12 | 49.30 | 14.21 |
|        | -3                | -3.7     | 63.60                     | 17.44 | 60.20 | 16.58 | 56.50 | 15.75 | 54.50 | 15.01 | 52.70 | 14.31 | 49.30 | 13.44 |
|        | 0                 | -0.7     | 63.60                     | 15.95 | 60.20 | 15.11 | 56.50 | 14.37 | 54.50 | 13.73 | 52.70 | 13.10 | 49.30 | 12.27 |
|        | 3                 | 2.2      | 63.60                     | 14.48 | 60.20 | 13.66 | 56.50 | 12.99 | 54.50 | 12.44 | 52.70 | 11.89 | 49.30 | 11.11 |
|        | 5                 | 4.1      | 60.20                     | 12.42 | 56.70 | 11.64 | 53.00 | 11.05 | 51.00 | 10.58 | 49.20 | 10.11 | 45.80 | 9.38  |
|        | 7                 | 6        | 56.70                     | 10.54 | 53.20 | 9.82  | 49.50 | 9.29  | 47.50 | 8.89  | 45.60 | 8.50  | 42.10 | 7.82  |
|        | 9                 | 7.9      | 53.10                     | 8.59  | 49.50 | 7.96  | 45.80 | 7.51  | 43.80 | 7.19  | 41.90 | 6.84  | 38.30 | 6.27  |
|        | 11                | 9.8      | 49.30                     | 7.28  | 45.80 | 6.73  | 42.00 | 6.32  | 40.00 | 6.03  | 38.00 | 5.73  | 34.50 | 5.24  |
|        | 13                | 11.8     | 45.50                     | 6.16  | 41.90 | 5.67  | 38.00 | 5.32  | 36.00 | 5.05  | 34.00 | 4.80  | 30.30 | 4.37  |
|        | 15                | 13.7     | 41.50                     | 5.23  | 37.80 | 4.81  | 34.00 | 4.50  | 31.90 | 4.26  | 30.00 | 4.03  | 26.20 | 3.65  |
| 50     | -30               | -30.2    | 33.70                     | 22.41 | 31.80 | 26.63 | 29.80 | 25.17 | 29.00 | 23.77 | 28.00 | 22.44 | 26.10 | 21.29 |
|        | -24.8             | -25      | 53.00                     | 22.22 | 50.00 | 22.87 | 47.00 | 21.62 | 45.50 | 20.45 | 44.00 | 19.34 | 41.00 | 18.31 |
|        | -21.8             | -22      | 53.00                     | 22.83 | 50.00 | 21.58 | 47.00 | 20.40 | 45.50 | 19.30 | 44.00 | 18.28 | 41.00 | 17.30 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 53.00                     | 21.92 | 50.00 | 20.72 | 47.00 | 19.60 | 45.50 | 18.54 | 44.00 | 17.58 | 41.00 | 16.62 |
|        | -18.8             | -19      | 53.00                     | 21.47 | 50.00 | 20.27 | 47.00 | 19.21 | 45.50 | 18.17 | 44.00 | 17.23 | 41.00 | 16.30 |
|        | -16.7             | -17      | 53.00                     | 20.52 | 50.00 | 19.39 | 47.00 | 18.36 | 45.50 | 17.38 | 44.00 | 16.48 | 41.00 | 15.58 |
|        | -15               | -15.9    | 53.00                     | 19.85 | 50.00 | 18.73 | 47.00 | 17.76 | 45.50 | 16.81 | 44.00 | 15.96 | 41.00 | 15.07 |
|        | -13.7             | -15      | 53.00                     | 19.17 | 50.00 | 18.09 | 47.00 | 17.17 | 45.50 | 16.25 | 44.00 | 15.43 | 41.00 | 14.57 |
|        | -11.8             | -13      | 53.00                     | 18.33 | 50.00 | 17.29 | 47.00 | 16.39 | 45.50 | 15.53 | 44.00 | 14.77 | 41.00 | 13.95 |
|        | -9.8              | -11      | 53.00                     | 17.43 | 50.00 | 16.43 | 47.00 | 15.61 | 45.50 | 14.79 | 44.00 | 14.08 | 41.00 | 13.27 |
|        | -9.5              | -10      | 53.00                     | 17.30 | 50.00 | 16.31 | 47.00 | 15.49 | 45.50 | 14.68 | 44.00 | 13.97 | 41.00 | 13.18 |
|        | -8.5              | -9.1     | 53.00                     | 16.84 | 50.00 | 15.88 | 47.00 | 15.10 | 45.50 | 14.31 | 44.00 | 13.63 | 41.00 | 12.85 |
|        | -7                | -7.6     | 53.00                     | 16.18 | 50.00 | 15.25 | 47.00 | 14.51 | 45.50 | 13.73 | 44.00 | 13.11 | 41.00 | 12.35 |
|        | -5                | -5.6     | 53.00                     | 15.31 | 50.00 | 14.43 | 47.00 | 13.73 | 45.50 | 13.01 | 44.00 | 12.44 | 41.00 | 11.71 |
|        | -3                | -3.7     | 53.00                     | 14.44 | 50.00 | 13.60 | 47.00 | 12.95 | 45.50 | 12.29 | 44.00 | 11.76 | 41.00 | 11.05 |
|        | 0                 | -0.7     | 53.00                     | 13.14 | 50.00 | 12.35 | 47.00 | 11.81 | 45.50 | 11.20 | 44.00 | 10.74 | 41.00 | 10.09 |
|        | 3                 | 2.2      | 53.00                     | 11.83 | 50.00 | 11.11 | 47.00 | 10.64 | 45.50 | 10.10 | 44.00 | 9.73  | 41.00 | 9.11  |
|        | 5                 | 4.1      | 50.20                     | 10.13 | 47.20 | 9.48  | 44.10 | 9.08  | 42.60 | 8.60  | 41.10 | 8.29  | 38.00 | 7.73  |
|        | 7                 | 6        | 47.30                     | 8.58  | 44.20 | 7.99  | 41.20 | 7.67  | 39.60 | 7.25  | 38.00 | 6.99  | 35.00 | 6.47  |
|        | 9                 | 7.9      | 44.20                     | 7.12  | 41.20 | 6.60  | 38.00 | 6.31  | 36.50 | 5.97  | 35.00 | 5.75  | 31.80 | 5.29  |
|        | 11                | 9.8      | 41.20                     | 6.08  | 38.00 | 5.62  | 34.90 | 5.37  | 33.30 | 5.06  | 31.80 | 4.86  | 28.60 | 4.46  |
|        | 13                | 11.8     | 37.90                     | 5.19  | 34.80 | 4.80  | 31.70 | 4.56  | 30.00 | 4.30  | 28.50 | 4.13  | 25.30 | 3.77  |
|        | 15                | 13.7     | 34.50                     | 4.46  | 31.40 | 4.11  | 28.20 | 3.89  | 26.70 | 3.67  | 25.00 | 3.52  | 21.80 | 3.21  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM320LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 40.30                     | 33.01 | 40.30 | 33.30 | 40.00 | 33.57 | 40.00 | 33.96 | 40.00 | 34.36 | 39.50 | 34.95 |
|        | -24.8             | -25      | 67.10                     | 33.93 | 67.10 | 34.22 | 66.70 | 34.48 | 66.70 | 34.88 | 66.70 | 35.26 | 65.90 | 35.84 |
|        | -21.8             | -22      | 80.90                     | 34.46 | 80.90 | 34.75 | 80.40 | 35.02 | 80.40 | 35.40 | 80.40 | 35.78 | 79.30 | 36.36 |
|        | -19.8             | -20      | 85.00                     | 34.81 | 85.00 | 35.11 | 84.40 | 35.36 | 84.40 | 35.75 | 84.40 | 36.12 | 83.30 | 36.71 |
|        | -18.8             | -19      | 86.90                     | 34.98 | 86.90 | 35.28 | 86.30 | 35.53 | 86.30 | 35.92 | 86.30 | 36.29 | 85.10 | 36.88 |
|        | -16.7             | -17      | 90.90                     | 35.35 | 90.90 | 35.64 | 90.30 | 35.90 | 90.30 | 36.28 | 90.30 | 36.64 | 89.00 | 37.24 |
|        | -15               | -15.9    | 93.70                     | 35.60 | 93.70 | 35.89 | 93.20 | 36.15 | 93.20 | 36.53 | 93.20 | 36.90 | 91.90 | 36.45 |
|        | -13.7             | -15      | 96.60                     | 35.87 | 96.60 | 36.15 | 96.10 | 36.41 | 96.10 | 36.79 | 96.10 | 37.17 | 94.70 | 35.67 |
|        | -11.8             | -13      | 99.80                     | 36.19 | 99.80 | 36.48 | 99.10 | 36.74 | 99.10 | 37.13 | 99.10 | 36.11 | 98.20 | 34.67 |
|        | -9.8              | -11      | 103.1                     | 36.53 | 103.1 | 36.83 | 102.4 | 37.08 | 102.4 | 36.00 | 102.4 | 35.00 | 101.5 | 33.64 |
|        | -9.5              | -10      | 103.7                     | 36.59 | 103.7 | 36.87 | 103.1 | 36.90 | 103.1 | 35.82 | 102.9 | 34.84 | 102.0 | 33.48 |
|        | -8.5              | -9.1     | 105.9                     | 36.76 | 105.9 | 37.05 | 105.2 | 36.31 | 105.2 | 35.26 | 104.5 | 34.28 | 103.9 | 32.96 |
|        | -7                | -7.6     | 109.3                     | 37.01 | 109.3 | 36.18 | 108.5 | 35.45 | 108.5 | 34.40 | 108.5 | 33.45 | 107.2 | 32.18 |
|        | -5                | -5.6     | 113.6                     | 35.92 | 113.6 | 35.08 | 112.9 | 34.33 | 112.9 | 33.32 | 112.9 | 32.39 | 110.8 | 31.19 |
|        | -3                | -3.7     | 118.1                     | 34.82 | 118.1 | 33.96 | 117.3 | 33.20 | 117.3 | 32.22 | 117.3 | 31.32 | 113.5 | 29.94 |
|        | 0                 | -0.7     | 124.5                     | 33.19 | 124.5 | 32.31 | 123.9 | 31.51 | 123.7 | 30.54 | 122.0 | 29.27 | 113.8 | 27.27 |
|        | 3                 | 2.2      | 129.3                     | 31.11 | 129.3 | 30.21 | 128.6 | 29.44 | 126.7 | 28.17 | 122.2 | 26.70 | 113.8 | 25.70 |
|        | 5                 | 4.1      | 123.4                     | 26.88 | 122.9 | 25.94 | 121.9 | 25.19 | 118.7 | 24.02 | 114.1 | 23.05 | 105.6 | 22.19 |
|        | 7                 | 6        | 116.2                     | 23.10 | 115.2 | 22.17 | 113.7 | 21.36 | 110.4 | 20.52 | 105.7 | 19.79 | 97.20 | 18.95 |
|        | 9                 | 7.9      | 108.7                     | 20.09 | 107.3 | 19.18 | 105.3 | 18.34 | 101.7 | 17.65 | 97.10 | 16.98 | 88.50 | 16.13 |
| 120    | 11                | 9.8      | 101.1                     | 17.52 | 99.10 | 16.63 | 96.50 | 15.81 | 92.80 | 15.16 | 88.30 | 14.51 | 79.40 | 13.66 |
|        | 13                | 11.8     | 93.20                     | 15.06 | 90.60 | 14.23 | 87.40 | 13.41 | 83.70 | 12.81 | 79.00 | 12.21 | 70.10 | 11.37 |
|        | 15                | 13.7     | 85.00                     | 12.78 | 81.80 | 11.97 | 78.00 | 11.18 | 74.20 | 10.64 | 69.40 | 10.09 | 60.50 | 9.27  |
|        | -30               | -30.2    | 40.00                     | 33.30 | 40.00 | 33.57 | 39.70 | 33.96 | 39.70 | 34.36 | 39.70 | 34.95 | 39.20 | 35.39 |
|        | -24.8             | -25      | 66.70                     | 34.22 | 66.70 | 34.48 | 66.20 | 34.88 | 66.20 | 35.26 | 66.20 | 35.84 | 65.30 | 36.27 |
|        | -21.8             | -22      | 80.40                     | 34.75 | 80.40 | 35.02 | 79.80 | 35.40 | 79.80 | 35.78 | 79.80 | 36.36 | 78.80 | 36.77 |
|        | -19.8             | -20      | 84.40                     | 35.11 | 84.40 | 35.36 | 83.90 | 35.75 | 83.90 | 36.12 | 83.90 | 36.71 | 82.70 | 37.11 |
|        | -18.8             | -19      | 86.30                     | 35.28 | 86.30 | 35.53 | 85.70 | 35.92 | 85.70 | 36.29 | 85.70 | 36.88 | 84.60 | 37.29 |
|        | -16.7             | -17      | 90.30                     | 35.64 | 90.30 | 35.90 | 89.70 | 36.28 | 89.70 | 36.64 | 89.70 | 37.24 | 88.40 | 36.27 |
|        | -15               | -15.9    | 93.10                     | 35.89 | 93.10 | 36.15 | 92.50 | 36.53 | 92.50 | 36.90 | 92.50 | 36.48 | 91.20 | 35.55 |
|        | -13.7             | -15      | 95.80                     | 36.15 | 95.80 | 36.41 | 95.30 | 36.79 | 95.30 | 37.17 | 95.30 | 35.72 | 94.10 | 34.83 |
|        | -11.8             | -13      | 99.00                     | 36.48 | 99.00 | 36.74 | 98.30 | 37.13 | 98.30 | 36.10 | 98.30 | 34.77 | 97.40 | 33.91 |
|        | -9.8              | -11      | 102.2                     | 36.83 | 102.2 | 37.08 | 101.6 | 35.95 | 101.6 | 34.98 | 101.6 | 33.77 | 100.9 | 32.96 |
|        | -9.5              | -10      | 103.1                     | 36.87 | 103.1 | 36.89 | 102.3 | 35.78 | 102.3 | 34.82 | 102.3 | 33.62 | 101.5 | 32.81 |
|        | -8.5              | -9.1     | 105.1                     | 37.05 | 105.1 | 36.26 | 104.5 | 35.18 | 104.5 | 34.26 | 104.5 | 33.12 | 103.6 | 32.33 |
|        | -7                | -7.6     | 108.4                     | 36.12 | 108.4 | 35.33 | 107.8 | 34.32 | 107.8 | 33.42 | 107.6 | 32.37 | 105.9 | 31.50 |
|        | -5                | -5.6     | 112.9                     | 34.91 | 112.9 | 34.13 | 112.0 | 33.18 | 112.0 | 32.34 | 112.0 | 31.41 | 106.9 | 29.79 |
|        | -3                | -3.7     | 117.2                     | 33.71 | 117.2 | 32.94 | 116.5 | 32.05 | 116.5 | 31.26 | 115.0 | 30.08 | 106.9 | 28.12 |
|        | 0                 | -0.7     | 123.7                     | 31.91 | 123.7 | 31.14 | 121.7 | 30.07 | 118.7 | 28.65 | 115.0 | 27.42 | 106.9 | 26.83 |
| 110    | 3                 | 2.2      | 128.4                     | 29.65 | 127.9 | 28.80 | 122.9 | 27.42 | 118.7 | 26.50 | 115.0 | 26.05 | 106.9 | 25.54 |
|        | 5                 | 4.1      | 122.4                     | 25.54 | 120.6 | 24.60 | 115.4 | 23.62 | 111.2 | 23.09 | 107.3 | 22.73 | 99.20 | 22.16 |
|        | 7                 | 6        | 115.2                     | 21.82 | 113.0 | 20.99 | 107.6 | 20.38 | 103.3 | 19.90 | 99.50 | 19.60 | 91.20 | 19.01 |
|        | 9                 | 7.9      | 107.9                     | 18.97 | 105.3 | 18.22 | 99.60 | 17.60 | 95.30 | 17.12 | 91.50 | 16.80 | 83.10 | 16.17 |
|        | 11                | 9.8      | 100.3                     | 16.54 | 97.30 | 15.78 | 91.20 | 15.14 | 87.00 | 14.68 | 83.00 | 14.36 | 74.60 | 13.71 |
|        | 13                | 11.8     | 92.50                     | 14.22 | 89.00 | 13.50 | 82.70 | 12.86 | 78.40 | 12.41 | 74.40 | 12.09 | 65.90 | 11.41 |
|        | 15                | 13.7     | 84.30                     | 12.05 | 80.40 | 11.36 | 73.80 | 10.74 | 69.40 | 10.32 | 65.40 | 9.99  | 56.80 | 9.32  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 39.80                     | 33.57 | 39.80 | 33.96 | 39.60 | 34.36 | 39.60 | 34.95 | 39.60 | 35.39 | 39.00 | 35.54 |
|        | -24.8             | -25      | 66.30                     | 34.48 | 66.30 | 34.88 | 65.90 | 35.26 | 65.90 | 35.84 | 65.90 | 36.27 | 65.00 | 36.45 |
|        | -21.8             | -22      | 79.90                     | 35.02 | 79.90 | 35.40 | 79.40 | 35.78 | 79.40 | 36.36 | 79.40 | 36.77 | 78.40 | 36.98 |
|        | -19.8             | -20      | 83.90                     | 35.36 | 83.90 | 35.75 | 83.50 | 36.12 | 83.50 | 36.71 | 83.50 | 37.11 | 82.20 | 37.31 |
|        | -18.8             | -19      | 85.70                     | 35.53 | 85.70 | 35.92 | 85.20 | 36.29 | 85.20 | 36.88 | 85.20 | 37.29 | 84.10 | 36.78 |
|        | -16.7             | -17      | 89.80                     | 35.90 | 89.80 | 36.28 | 89.10 | 36.64 | 89.10 | 37.24 | 89.10 | 36.20 | 87.90 | 35.67 |
|        | -15               | -15.9    | 92.60                     | 36.15 | 92.60 | 36.53 | 91.90 | 36.90 | 91.90 | 36.42 | 91.90 | 35.42 | 91.30 | 34.87 |
|        | -13.7             | -15      | 95.40                     | 36.41 | 95.40 | 36.79 | 94.70 | 37.17 | 94.70 | 35.60 | 94.70 | 34.65 | 94.70 | 34.09 |
|        | -11.8             | -13      | 98.40                     | 36.74 | 98.40 | 37.13 | 97.80 | 36.01 | 97.80 | 34.56 | 97.80 | 33.67 | 96.20 | 32.55 |
|        | -9.8              | -11      | 101.7                     | 37.08 | 101.7 | 35.83 | 101.1 | 34.80 | 101.1 | 33.47 | 101.1 | 32.64 | 96.20 | 30.62 |
|        | -9.5              | -10      | 102.3                     | 36.86 | 102.3 | 35.62 | 101.8 | 34.61 | 101.8 | 33.31 | 101.8 | 32.49 | 96.20 | 30.21 |
|        | -8.5              | -9.1     | 104.6                     | 36.17 | 104.6 | 34.97 | 103.9 | 34.02 | 103.9 | 32.76 | 103.0 | 31.70 | 96.20 | 29.62 |
|        | -7                | -7.6     | 107.9                     | 35.11 | 107.9 | 33.99 | 107.3 | 33.10 | 106.6 | 31.74 | 103.0 | 29.97 | 96.20 | 28.89 |
|        | -5                | -5.6     | 112.2                     | 33.75 | 112.2 | 32.74 | 110.2 | 31.57 | 106.6 | 29.54 | 103.0 | 28.54 | 96.20 | 27.93 |
|        | -3                | -3.7     | 116.5                     | 32.40 | 116.0 | 31.35 | 110.2 | 29.32 | 106.6 | 28.19 | 103.0 | 27.61 | 96.20 | 27.00 |
|        | 0                 | -0.7     | 122.2                     | 30.16 | 117.4 | 28.36 | 110.2 | 27.40 | 106.6 | 26.70 | 103.0 | 26.22 | 96.20 | 25.57 |
|        | 3                 | 2.2      | 124.3                     | 27.28 | 117.4 | 26.18 | 110.2 | 25.75 | 106.6 | 25.24 | 103.0 | 24.83 | 96.20 | 24.15 |
|        | 5                 | 4.1      | 117.7                     | 23.33 | 110.7 | 22.83 | 103.5 | 22.41 | 99.90 | 21.98 | 96.10 | 21.61 | 89.30 | 20.86 |
|        | 7                 | 6        | 110.8                     | 20.15 | 103.8 | 19.69 | 96.50 | 19.30 | 92.80 | 18.96 | 89.10 | 18.61 | 82.10 | 17.82 |
|        | 9                 | 7.9      | 103.8                     | 17.53 | 96.60 | 17.04 | 89.30 | 16.62 | 85.60 | 16.28 | 81.90 | 15.93 | 74.80 | 15.13 |
|        | 11                | 9.8      | 96.50                     | 15.22 | 89.30 | 14.73 | 81.90 | 14.27 | 78.10 | 13.92 | 74.40 | 13.58 | 67.20 | 12.79 |
|        | 13                | 11.8     | 88.90                     | 13.05 | 81.70 | 12.56 | 74.20 | 12.08 | 70.40 | 11.74 | 66.70 | 11.40 | 59.20 | 10.65 |
|        | 15                | 13.7     | 81.10                     | 11.02 | 73.70 | 10.54 | 66.20 | 10.05 | 62.40 | 9.75  | 58.50 | 9.41  | 51.10 | 8.68  |
| 100    | -30               | -30.2    | 39.60                     | 38.50 | 39.60 | 38.42 | 39.40 | 33.80 | 39.40 | 38.17 | 39.40 | 37.21 | 38.80 | 38.03 |
|        | -24.8             | -25      | 66.00                     | 38.14 | 66.00 | 38.05 | 65.70 | 35.64 | 65.70 | 37.81 | 65.70 | 37.72 | 64.70 | 37.67 |
|        | -21.8             | -22      | 79.50                     | 37.94 | 79.50 | 37.83 | 79.10 | 36.69 | 79.10 | 37.61 | 79.10 | 38.01 | 78.00 | 37.47 |
|        | -19.8             | -20      | 83.60                     | 37.78 | 83.60 | 37.68 | 83.00 | 37.35 | 83.00 | 37.45 | 83.00 | 37.53 | 81.90 | 37.31 |
|        | -18.8             | -19      | 85.40                     | 37.70 | 84.90 | 37.63 | 84.90 | 37.53 | 84.90 | 37.38 | 84.90 | 37.29 | 83.80 | 36.68 |
|        | -16.7             | -17      | 88.80                     | 37.57 | 88.80 | 37.47 | 88.80 | 37.89 | 88.30 | 37.24 | 88.30 | 35.98 | 87.10 | 35.36 |
|        | -15               | -15.9    | 91.90                     | 37.45 | 91.90 | 37.36 | 91.60 | 37.52 | 91.40 | 36.29 | 91.40 | 35.04 | 87.90 | 33.58 |
|        | -13.7             | -15      | 94.90                     | 37.35 | 94.90 | 37.26 | 94.30 | 37.17 | 94.30 | 35.34 | 94.30 | 34.11 | 87.90 | 31.60 |
|        | -11.8             | -13      | 97.90                     | 37.22 | 97.40 | 37.13 | 97.40 | 35.89 | 97.40 | 34.14 | 94.40 | 31.91 | 87.90 | 30.46 |
|        | -9.8              | -11      | 101.2                     | 37.08 | 101.2 | 35.69 | 100.8 | 34.56 | 97.60 | 31.83 | 94.40 | 29.93 | 87.90 | 29.27 |
|        | -9.5              | -10      | 101.8                     | 36.85 | 101.8 | 35.47 | 100.8 | 34.16 | 97.60 | 31.48 | 94.40 | 29.75 | 87.90 | 29.10 |
|        | -8.5              | -9.1     | 104.1                     | 36.10 | 104.1 | 34.77 | 100.8 | 32.78 | 97.60 | 30.25 | 94.40 | 29.16 | 87.90 | 28.50 |
|        | -7                | -7.6     | 109.0                     | 34.97 | 107.2 | 33.24 | 100.8 | 30.84 | 97.60 | 29.36 | 94.40 | 28.29 | 87.90 | 27.62 |
|        | -5                | -5.6     | 113.4                     | 33.39 | 107.2 | 30.74 | 100.8 | 29.62 | 97.60 | 28.22 | 94.40 | 27.16 | 87.90 | 26.48 |
|        | -3                | -3.7     | 113.7                     | 31.13 | 107.2 | 29.21 | 100.8 | 28.41 | 97.60 | 27.06 | 94.40 | 26.04 | 87.90 | 25.33 |
|        | 0                 | -0.7     | 113.7                     | 28.22 | 107.2 | 27.24 | 100.8 | 26.56 | 97.60 | 25.35 | 94.40 | 24.34 | 87.90 | 23.62 |
|        | 3                 | 2.2      | 113.7                     | 26.15 | 107.2 | 25.29 | 100.8 | 24.73 | 97.60 | 23.62 | 94.40 | 22.66 | 87.90 | 21.90 |
|        | 5                 | 4.1      | 107.6                     | 22.74 | 101.1 | 21.92 | 94.60 | 21.39 | 91.40 | 20.39 | 88.20 | 19.50 | 81.50 | 18.68 |
|        | 7                 | 6        | 101.4                     | 19.56 | 94.70 | 18.80 | 88.30 | 18.30 | 85.00 | 17.43 | 81.70 | 16.60 | 75.10 | 15.77 |
|        | 9                 | 7.9      | 94.90                     | 16.92 | 88.30 | 16.20 | 81.60 | 15.69 | 78.40 | 14.89 | 75.00 | 14.13 | 68.30 | 13.33 |
|        | 11                | 9.8      | 88.30                     | 14.63 | 81.60 | 13.92 | 74.90 | 13.41 | 71.50 | 12.67 | 68.20 | 11.99 | 61.30 | 11.22 |
|        | 13                | 11.8     | 81.30                     | 12.47 | 74.60 | 11.80 | 67.80 | 11.29 | 64.50 | 10.64 | 61.10 | 10.03 | 54.10 | 9.29  |
|        | 15                | 13.7     | 74.20                     | 10.46 | 67.40 | 9.85  | 60.50 | 9.35  | 57.10 | 8.79  | 53.70 | 8.23  | 46.70 | 7.56  |
| 90     | -30               | -30.2    | 39.50                     | 33.09 | 39.50 | 33.66 | 39.20 | 34.08 | 39.20 | 34.27 | 39.20 | 34.69 | 38.70 | 39.11 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 65.80                     | 33.99 | 65.80 | 34.58 | 65.40 | 35.00 | 65.40 | 35.19 | 65.40 | 35.59 | 64.50 | 36.18 |
|        | -21.8             | -22      | 79.20                     | 34.51 | 79.20 | 35.11 | 78.80 | 35.53 | 78.80 | 35.71 | 78.80 | 36.12 | 77.70 | 34.50 |
|        | -19.8             | -20      | 83.30                     | 34.88 | 83.30 | 35.45 | 82.70 | 35.87 | 82.70 | 36.07 | 82.70 | 34.97 | 80.30 | 32.85 |
|        | -18.8             | -19      | 85.40                     | 35.05 | 84.90 | 35.64 | 84.60 | 36.04 | 84.60 | 35.47 | 84.60 | 34.39 | 80.30 | 31.60 |
|        | -16.7             | -17      | 88.80                     | 35.41 | 88.80 | 35.99 | 88.40 | 34.81 | 88.40 | 34.23 | 86.50 | 32.48 | 80.30 | 29.91 |
|        | -15               | -15.9    | 91.90                     | 35.66 | 91.90 | 35.08 | 91.20 | 33.94 | 89.40 | 32.69 | 86.50 | 31.08 | 80.30 | 29.13 |
|        | -13.7             | -15      | 94.90                     | 35.92 | 94.90 | 34.16 | 92.20 | 32.42 | 89.40 | 30.88 | 86.50 | 29.73 | 80.30 | 28.35 |
|        | -11.8             | -13      | 97.90                     | 34.68 | 97.40 | 33.02 | 92.20 | 30.35 | 89.40 | 29.62 | 86.50 | 28.71 | 80.30 | 27.35 |
|        | -9.8              | -11      | 101.2                     | 33.37 | 97.90 | 30.78 | 92.20 | 29.10 | 89.40 | 28.51 | 86.50 | 27.66 | 80.30 | 26.32 |
|        | -9.5              | -10      | 101.8                     | 33.16 | 97.90 | 30.40 | 92.20 | 28.93 | 89.40 | 28.34 | 86.50 | 27.50 | 80.30 | 26.17 |
|        | -8.5              | -9.1     | 103.9                     | 32.45 | 97.90 | 29.43 | 92.20 | 28.39 | 89.40 | 27.80 | 86.50 | 26.96 | 80.30 | 25.64 |
|        | -7                | -7.6     | 104.1                     | 30.10 | 97.90 | 28.46 | 92.20 | 27.57 | 89.40 | 26.98 | 86.50 | 26.15 | 80.30 | 24.87 |
|        | -5                | -5.6     | 104.1                     | 28.59 | 97.90 | 27.36 | 92.20 | 26.52 | 89.40 | 25.91 | 86.50 | 25.13 | 80.30 | 23.88 |
|        | -3                | -3.7     | 104.1                     | 27.40 | 97.90 | 26.26 | 92.20 | 25.47 | 89.40 | 24.84 | 86.50 | 24.09 | 80.30 | 22.86 |
|        | 0                 | -0.7     | 104.1                     | 25.61 | 97.90 | 24.60 | 92.20 | 23.90 | 89.40 | 23.25 | 86.50 | 22.56 | 80.30 | 21.37 |
|        | 3                 | 2.2      | 104.1                     | 23.81 | 97.90 | 22.97 | 92.20 | 22.32 | 89.40 | 21.66 | 86.50 | 21.00 | 80.30 | 19.87 |
|        | 5                 | 4.1      | 98.50                     | 20.78 | 92.30 | 20.02 | 86.60 | 19.38 | 83.70 | 18.73 | 80.80 | 18.12 | 74.50 | 17.02 |
|        | 7                 | 6        | 92.80                     | 17.96 | 86.50 | 17.29 | 80.70 | 16.68 | 77.90 | 16.03 | 74.80 | 15.48 | 68.60 | 14.43 |
|        | 9                 | 7.9      | 86.90                     | 15.45 | 80.60 | 14.79 | 74.70 | 14.20 | 71.80 | 13.60 | 68.80 | 13.09 | 62.40 | 12.13 |
|        | 11                | 9.8      | 80.80                     | 13.12 | 74.40 | 12.52 | 68.50 | 11.94 | 65.60 | 11.42 | 62.50 | 10.94 | 56.00 | 10.06 |
|        | 13                | 11.8     | 74.50                     | 11.02 | 68.10 | 10.46 | 62.10 | 9.92  | 59.00 | 9.45  | 56.00 | 9.03  | 49.40 | 8.22  |
|        | 15                | 13.7     | 67.90                     | 9.12  | 61.50 | 8.60  | 55.40 | 8.11  | 52.30 | 7.69  | 49.20 | 7.31  | 42.70 | 6.61  |
| 80     | -30               | -30.2    | 39.20                     | 29.01 | 39.20 | 29.61 | 39.10 | 30.05 | 39.10 | 29.53 | 39.10 | 34.73 | 38.50 | 33.19 |
|        | -24.8             | -25      | 65.50                     | 29.95 | 65.50 | 30.55 | 65.10 | 30.97 | 65.10 | 31.15 | 65.10 | 32.15 | 64.20 | 30.73 |
|        | -21.8             | -22      | 78.40                     | 30.49 | 78.40 | 31.08 | 78.40 | 31.50 | 78.40 | 32.09 | 77.10 | 30.18 | 71.80 | 27.69 |
|        | -19.8             | -20      | 82.30                     | 30.85 | 82.30 | 31.43 | 82.20 | 32.00 | 80.00 | 30.15 | 77.10 | 28.10 | 71.80 | 26.79 |
|        | -18.8             | -19      | 84.30                     | 31.03 | 84.30 | 32.02 | 82.50 | 30.84 | 80.00 | 29.04 | 77.10 | 27.58 | 71.80 | 26.36 |
|        | -16.7             | -17      | 87.40                     | 31.99 | 87.40 | 30.92 | 82.50 | 28.71 | 80.00 | 27.80 | 77.10 | 26.60 | 71.80 | 25.43 |
|        | -15               | -15.9    | 89.30                     | 31.16 | 87.90 | 29.93 | 82.50 | 27.96 | 80.00 | 27.06 | 77.10 | 25.91 | 71.80 | 24.76 |
|        | -13.7             | -15      | 91.30                     | 30.34 | 87.90 | 28.78 | 82.50 | 27.22 | 80.00 | 26.32 | 77.10 | 25.22 | 71.80 | 24.10 |
|        | -11.8             | -13      | 93.30                     | 29.16 | 87.90 | 27.39 | 82.50 | 26.27 | 80.00 | 25.41 | 77.10 | 24.35 | 71.80 | 23.27 |
|        | -9.8              | -11      | 93.30                     | 27.34 | 87.90 | 26.02 | 82.50 | 25.29 | 80.00 | 24.44 | 77.10 | 23.44 | 71.80 | 22.40 |
|        | -9.5              | -10      | 93.30                     | 27.01 | 87.90 | 25.75 | 82.50 | 25.14 | 80.00 | 24.30 | 77.10 | 23.30 | 71.80 | 22.26 |
|        | -8.5              | -9.1     | 93.30                     | 26.24 | 87.90 | 25.15 | 82.50 | 24.65 | 80.00 | 23.81 | 77.10 | 22.83 | 71.80 | 21.83 |
|        | -7                | -7.6     | 93.30                     | 25.22 | 87.90 | 24.40 | 82.50 | 23.91 | 80.00 | 23.07 | 77.10 | 22.16 | 71.80 | 21.16 |
|        | -5                | -5.6     | 93.30                     | 24.22 | 87.90 | 23.47 | 82.50 | 22.96 | 80.00 | 22.14 | 77.10 | 21.26 | 71.80 | 20.33 |
|        | -3                | -3.7     | 93.30                     | 23.23 | 87.90 | 22.51 | 82.50 | 22.01 | 80.00 | 21.20 | 77.10 | 20.38 | 71.80 | 19.47 |
|        | 0                 | -0.7     | 93.30                     | 21.75 | 87.90 | 21.09 | 82.50 | 20.57 | 80.00 | 19.80 | 77.10 | 19.06 | 71.80 | 18.21 |
|        | 3                 | 2.2      | 93.30                     | 20.27 | 87.90 | 19.65 | 82.50 | 19.14 | 80.00 | 18.38 | 77.10 | 17.74 | 71.80 | 16.95 |
|        | 5                 | 4.1      | 88.30                     | 17.73 | 82.90 | 17.15 | 77.40 | 16.61 | 74.90 | 15.90 | 72.00 | 15.33 | 66.70 | 14.56 |
|        | 7                 | 6        | 83.20                     | 15.38 | 77.70 | 14.82 | 72.30 | 14.28 | 69.60 | 13.61 | 66.70 | 13.10 | 61.30 | 12.38 |
|        | 9                 | 7.9      | 77.90                     | 13.12 | 72.40 | 12.59 | 66.80 | 12.07 | 64.20 | 11.48 | 61.30 | 11.02 | 55.80 | 10.35 |
|        | 11                | 9.8      | 72.40                     | 10.99 | 66.90 | 10.50 | 61.30 | 10.01 | 58.60 | 9.49  | 55.70 | 9.08  | 50.10 | 8.46  |
|        | 13                | 11.8     | 66.70                     | 9.17  | 61.20 | 8.72  | 55.50 | 8.27  | 52.80 | 7.81  | 49.90 | 7.46  | 44.30 | 6.88  |
|        | 15                | 13.7     | 60.80                     | 7.66  | 55.20 | 7.24  | 49.60 | 6.82  | 46.90 | 6.43  | 43.80 | 6.11  | 38.10 | 5.59  |
| 70     | -30               | -30.2    | 39.20                     | 29.16 | 39.20 | 29.38 | 39.10 | 29.78 | 39.10 | 34.04 | 39.10 | 32.37 | 38.40 | 30.82 |
|        | -24.8             | -25      | 65.50                     | 30.11 | 65.50 | 30.30 | 65.10 | 30.71 | 65.10 | 31.29 | 65.00 | 29.75 | 61.40 | 27.16 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 74.90                     | 30.65 | 74.60 | 30.71 | 70.20 | 29.50 | 67.80 | 28.07 | 65.80 | 26.71 | 61.40 | 25.42 |
|        | -19.8             | -20      | 79.00                     | 30.19 | 74.70 | 29.45 | 70.20 | 28.45 | 67.80 | 27.07 | 65.80 | 25.80 | 61.40 | 24.53 |
|        | -18.8             | -19      | 79.00                     | 29.51 | 74.70 | 28.92 | 70.20 | 27.93 | 67.80 | 26.57 | 65.80 | 25.32 | 61.40 | 24.08 |
|        | -16.7             | -17      | 79.00                     | 28.32 | 74.70 | 27.77 | 70.20 | 26.83 | 67.80 | 25.54 | 65.80 | 24.36 | 61.40 | 23.15 |
|        | -15               | -15.9    | 79.00                     | 27.51 | 74.70 | 26.97 | 70.20 | 26.04 | 67.80 | 24.79 | 65.80 | 23.66 | 61.40 | 22.48 |
|        | -13.7             | -15      | 79.00                     | 26.71 | 74.70 | 26.17 | 70.20 | 25.27 | 67.80 | 24.05 | 65.80 | 22.98 | 61.40 | 21.82 |
|        | -11.8             | -13      | 79.00                     | 25.69 | 74.70 | 25.14 | 70.20 | 24.29 | 67.80 | 23.12 | 65.80 | 22.10 | 61.40 | 20.98 |
|        | -9.8              | -11      | 79.00                     | 24.64 | 74.70 | 24.07 | 70.20 | 23.26 | 67.80 | 22.14 | 65.80 | 21.18 | 61.40 | 20.09 |
|        | -9.5              | -10      | 79.00                     | 24.47 | 74.70 | 23.91 | 70.20 | 23.10 | 67.80 | 22.00 | 65.80 | 21.05 | 61.40 | 19.96 |
|        | -8.5              | -9.1     | 79.00                     | 23.94 | 74.70 | 23.38 | 70.20 | 22.58 | 67.80 | 21.50 | 65.80 | 20.59 | 61.40 | 19.53 |
|        | -7                | -7.6     | 79.00                     | 23.15 | 74.70 | 22.59 | 70.20 | 21.81 | 67.80 | 20.77 | 65.80 | 19.91 | 61.40 | 18.86 |
|        | -5                | -5.6     | 79.00                     | 22.12 | 74.70 | 21.54 | 70.20 | 20.80 | 67.80 | 19.82 | 65.80 | 19.02 | 61.40 | 18.02 |
|        | -3                | -3.7     | 79.00                     | 21.10 | 74.70 | 20.51 | 70.20 | 19.81 | 67.80 | 18.87 | 65.80 | 18.13 | 61.40 | 17.16 |
|        | 0                 | -0.7     | 79.00                     | 19.56 | 74.70 | 18.95 | 70.20 | 18.31 | 67.80 | 17.46 | 65.80 | 16.80 | 61.40 | 15.88 |
|        | 3                 | 2.2      | 79.00                     | 18.01 | 74.70 | 17.39 | 70.20 | 16.80 | 67.80 | 16.03 | 65.80 | 15.48 | 61.40 | 14.59 |
|        | 5                 | 4.1      | 74.80                     | 15.65 | 70.40 | 15.01 | 65.90 | 14.47 | 63.50 | 13.78 | 61.50 | 13.29 | 56.90 | 12.46 |
|        | 7                 | 6        | 70.40                     | 13.47 | 66.10 | 12.85 | 61.40 | 12.32 | 59.00 | 11.71 | 57.00 | 11.31 | 52.40 | 10.52 |
|        | 9                 | 7.9      | 65.90                     | 11.09 | 61.50 | 10.53 | 56.90 | 10.04 | 54.40 | 9.53  | 52.30 | 9.17  | 47.70 | 8.49  |
|        | 11                | 9.8      | 61.30                     | 9.33  | 56.80 | 8.83  | 52.10 | 8.39  | 49.70 | 7.94  | 47.50 | 7.62  | 42.90 | 7.00  |
|        | 13                | 11.8     | 56.50                     | 7.85  | 52.00 | 7.39  | 47.20 | 6.98  | 44.80 | 6.59  | 42.60 | 6.31  | 37.90 | 5.75  |
|        | 15                | 13.7     | 51.50                     | 6.59  | 46.90 | 6.17  | 42.20 | 5.81  | 39.70 | 5.45  | 37.40 | 5.21  | 32.60 | 4.72  |
| 60     | -30               | -30.2    | 38.50                     | 28.75 | 38.50 | 29.14 | 38.30 | 33.61 | 37.00 | 31.81 | 35.70 | 30.12 | 33.40 | 28.62 |
|        | -24.8             | -25      | 64.10                     | 29.69 | 64.00 | 30.02 | 60.20 | 28.99 | 58.20 | 27.46 | 56.20 | 26.03 | 52.60 | 24.69 |
|        | -21.8             | -22      | 67.80                     | 29.83 | 64.20 | 28.93 | 60.20 | 27.41 | 58.20 | 25.98 | 56.20 | 24.65 | 52.60 | 23.35 |
|        | -19.8             | -20      | 67.80                     | 28.89 | 64.20 | 27.82 | 60.20 | 26.36 | 58.20 | 24.99 | 56.20 | 23.71 | 52.60 | 22.47 |
|        | -18.8             | -19      | 67.80                     | 28.33 | 64.20 | 27.26 | 60.20 | 25.84 | 58.20 | 24.51 | 56.20 | 23.26 | 52.60 | 22.01 |
|        | -16.7             | -17      | 67.80                     | 27.15 | 64.20 | 26.09 | 60.20 | 24.73 | 58.20 | 23.48 | 56.20 | 22.30 | 52.60 | 21.09 |
|        | -15               | -15.9    | 67.80                     | 26.31 | 64.20 | 25.26 | 60.20 | 23.95 | 58.20 | 22.75 | 56.20 | 21.60 | 52.60 | 20.42 |
|        | -13.7             | -15      | 67.80                     | 25.47 | 64.20 | 24.44 | 60.20 | 23.17 | 58.20 | 22.02 | 56.20 | 20.92 | 52.60 | 19.76 |
|        | -11.8             | -13      | 67.80                     | 24.42 | 64.20 | 23.39 | 60.20 | 22.17 | 58.20 | 21.09 | 56.20 | 20.05 | 52.60 | 18.93 |
|        | -9.8              | -11      | 67.80                     | 23.29 | 64.20 | 22.28 | 60.20 | 21.15 | 58.20 | 20.12 | 56.20 | 19.14 | 52.60 | 18.05 |
|        | -9.5              | -10      | 67.80                     | 23.12 | 64.20 | 22.12 | 60.20 | 21.00 | 58.20 | 19.97 | 56.20 | 19.00 | 52.60 | 17.91 |
|        | -8.5              | -9.1     | 67.80                     | 22.57 | 64.20 | 21.58 | 60.20 | 20.48 | 58.20 | 19.50 | 56.20 | 18.55 | 52.60 | 17.48 |
|        | -7                | -7.6     | 67.80                     | 21.75 | 64.20 | 20.76 | 60.20 | 19.70 | 58.20 | 18.77 | 56.20 | 17.86 | 52.60 | 16.82 |
|        | -5                | -5.6     | 67.80                     | 20.66 | 64.20 | 19.69 | 60.20 | 18.71 | 58.20 | 17.83 | 56.20 | 16.98 | 52.60 | 15.97 |
|        | -3                | -3.7     | 67.80                     | 19.59 | 64.20 | 18.63 | 60.20 | 17.70 | 58.20 | 16.88 | 56.20 | 16.09 | 52.60 | 15.12 |
|        | 0                 | -0.7     | 67.80                     | 17.96 | 64.20 | 17.01 | 60.20 | 16.19 | 58.20 | 15.47 | 56.20 | 14.77 | 52.60 | 13.84 |
|        | 3                 | 2.2      | 67.80                     | 16.35 | 64.20 | 15.42 | 60.20 | 14.67 | 58.20 | 14.06 | 56.20 | 13.44 | 52.60 | 12.56 |
|        | 5                 | 4.1      | 64.10                     | 14.10 | 60.50 | 13.22 | 56.50 | 12.55 | 54.50 | 12.02 | 52.50 | 11.48 | 48.80 | 10.65 |
|        | 7                 | 6        | 60.40                     | 12.04 | 56.80 | 11.20 | 52.70 | 10.60 | 50.70 | 10.15 | 48.70 | 9.69  | 44.90 | 8.92  |
|        | 9                 | 7.9      | 56.60                     | 9.82  | 52.80 | 9.10  | 48.80 | 8.58  | 46.70 | 8.20  | 44.70 | 7.81  | 40.90 | 7.15  |
|        | 11                | 9.8      | 52.60                     | 8.33  | 48.80 | 7.68  | 44.70 | 7.22  | 42.70 | 6.88  | 40.50 | 6.54  | 36.80 | 5.96  |
|        | 13                | 11.8     | 48.50                     | 7.03  | 44.70 | 6.47  | 40.50 | 6.06  | 38.40 | 5.76  | 36.30 | 5.45  | 32.40 | 4.94  |
|        | 15                | 13.7     | 44.30                     | 5.96  | 40.30 | 5.46  | 36.20 | 5.09  | 34.10 | 4.82  | 32.00 | 4.56  | 28.00 | 4.10  |
| 50     | -30               | -30.2    | 36.00                     | 25.31 | 33.90 | 29.44 | 31.80 | 27.85 | 30.90 | 26.34 | 29.80 | 24.91 | 27.80 | 23.65 |
|        | -24.8             | -25      | 56.60                     | 24.79 | 53.40 | 25.35 | 50.20 | 23.98 | 48.60 | 22.71 | 46.90 | 21.51 | 43.70 | 20.38 |
|        | -21.8             | -22      | 56.60                     | 25.30 | 53.40 | 23.94 | 50.20 | 22.66 | 48.60 | 21.46 | 46.90 | 20.35 | 43.70 | 19.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 56.60                     | 24.31 | 53.40 | 23.00 | 50.20 | 21.78 | 48.60 | 20.63 | 46.90 | 19.57 | 43.70 | 18.52 |
|        | -18.8             | -19      | 56.60                     | 23.83 | 53.40 | 22.52 | 50.20 | 21.36 | 48.60 | 20.22 | 46.90 | 19.19 | 43.70 | 18.17 |
|        | -16.7             | -17      | 56.60                     | 22.80 | 53.40 | 21.56 | 50.20 | 20.43 | 48.60 | 19.34 | 46.90 | 18.37 | 43.70 | 17.39 |
|        | -15               | -15.9    | 56.60                     | 22.07 | 53.40 | 20.84 | 50.20 | 19.78 | 48.60 | 18.72 | 46.90 | 17.80 | 43.70 | 16.83 |
|        | -13.7             | -15      | 56.60                     | 21.33 | 53.40 | 20.14 | 50.20 | 19.12 | 48.60 | 18.11 | 46.90 | 17.23 | 43.70 | 16.28 |
|        | -11.8             | -13      | 56.60                     | 20.40 | 53.40 | 19.27 | 50.20 | 18.30 | 48.60 | 17.34 | 46.90 | 16.50 | 43.70 | 15.59 |
|        | -9.8              | -11      | 56.60                     | 19.44 | 53.40 | 18.33 | 50.20 | 17.43 | 48.60 | 16.52 | 46.90 | 15.74 | 43.70 | 14.86 |
|        | -9.5              | -10      | 56.60                     | 19.29 | 53.40 | 18.20 | 50.20 | 17.30 | 48.60 | 16.40 | 46.90 | 15.64 | 43.70 | 14.75 |
|        | -8.5              | -9.1     | 56.60                     | 18.80 | 53.40 | 17.73 | 50.20 | 16.88 | 48.60 | 16.00 | 46.90 | 15.26 | 43.70 | 14.39 |
|        | -7                | -7.6     | 56.60                     | 18.06 | 53.40 | 17.05 | 50.20 | 16.23 | 48.60 | 15.38 | 46.90 | 14.68 | 43.70 | 13.84 |
|        | -5                | -5.6     | 56.60                     | 17.12 | 53.40 | 16.15 | 50.20 | 15.39 | 48.60 | 14.59 | 46.90 | 13.95 | 43.70 | 13.13 |
|        | -3                | -3.7     | 56.60                     | 16.19 | 53.40 | 15.25 | 50.20 | 14.54 | 48.60 | 13.79 | 46.90 | 13.20 | 43.70 | 12.42 |
|        | 0                 | -0.7     | 56.60                     | 14.77 | 53.40 | 13.88 | 50.20 | 13.28 | 48.60 | 12.61 | 46.90 | 12.10 | 43.70 | 11.36 |
|        | 3                 | 2.2      | 56.60                     | 13.35 | 53.40 | 12.54 | 50.20 | 12.02 | 48.60 | 11.41 | 46.90 | 10.99 | 43.70 | 10.29 |
|        | 5                 | 4.1      | 53.60                     | 11.50 | 50.40 | 10.75 | 47.10 | 10.30 | 45.50 | 9.75  | 43.80 | 9.41  | 40.50 | 8.76  |
|        | 7                 | 6        | 50.50                     | 9.79  | 47.20 | 9.10  | 44.00 | 8.72  | 42.30 | 8.25  | 40.60 | 7.96  | 37.30 | 7.37  |
|        | 9                 | 7.9      | 47.20                     | 8.12  | 44.00 | 7.53  | 40.60 | 7.18  | 39.00 | 6.79  | 37.30 | 6.54  | 33.90 | 6.01  |
|        | 11                | 9.8      | 44.00                     | 6.93  | 40.60 | 6.40  | 37.30 | 6.10  | 35.60 | 5.74  | 33.90 | 5.51  | 30.50 | 5.05  |
|        | 13                | 11.8     | 40.50                     | 5.90  | 37.10 | 5.44  | 33.80 | 5.16  | 32.10 | 4.85  | 30.40 | 4.65  | 26.90 | 4.24  |
|        | 15                | 13.7     | 36.90                     | 5.05  | 33.60 | 4.64  | 30.20 | 4.38  | 28.50 | 4.11  | 26.70 | 3.93  | 23.20 | 3.56  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM340LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 42.30                     | 34.74 | 42.30 | 34.94 | 42.00 | 35.14 | 42.00 | 35.41 | 42.00 | 35.70 | 41.10 | 36.10 |
|        | -24.8             | -25      | 70.40                     | 35.33 | 70.40 | 35.53 | 70.00 | 35.71 | 70.00 | 36.00 | 70.00 | 36.26 | 68.70 | 36.67 |
|        | -21.8             | -22      | 85.70                     | 35.66 | 85.70 | 35.86 | 85.10 | 36.06 | 85.10 | 36.33 | 85.10 | 36.58 | 83.50 | 37.01 |
|        | -19.8             | -20      | 90.40                     | 35.89 | 90.40 | 36.09 | 89.80 | 36.27 | 89.80 | 36.54 | 89.80 | 36.81 | 88.10 | 37.22 |
|        | -18.8             | -19      | 92.40                     | 35.98 | 92.40 | 36.19 | 91.90 | 36.38 | 91.90 | 36.65 | 91.90 | 36.91 | 90.00 | 37.33 |
|        | -16.7             | -17      | 96.70                     | 36.22 | 96.70 | 36.43 | 96.10 | 36.61 | 96.10 | 36.88 | 96.10 | 37.13 | 94.20 | 37.56 |
|        | -15               | -15.9    | 99.60                     | 36.38 | 99.60 | 36.58 | 99.10 | 36.76 | 99.10 | 37.03 | 99.10 | 37.29 | 97.20 | 36.82 |
|        | -13.7             | -15      | 102.7                     | 36.55 | 102.7 | 36.75 | 102.2 | 36.93 | 102.2 | 37.20 | 102.2 | 37.47 | 100.2 | 36.09 |
|        | -11.8             | -13      | 106.1                     | 36.75 | 106.1 | 36.95 | 105.4 | 37.14 | 105.4 | 37.41 | 105.4 | 36.49 | 103.8 | 35.17 |
|        | -9.8              | -11      | 109.6                     | 36.97 | 109.6 | 37.17 | 108.9 | 37.35 | 108.9 | 36.39 | 108.9 | 35.47 | 107.7 | 34.21 |
|        | -9.5              | -10      | 110.3                     | 37.00 | 110.3 | 37.19 | 109.6 | 37.19 | 109.6 | 36.23 | 109.6 | 35.32 | 108.3 | 34.07 |
|        | -8.5              | -9.1     | 112.4                     | 37.11 | 112.4 | 37.31 | 111.6 | 36.67 | 111.6 | 35.71 | 111.1 | 34.81 | 110.4 | 33.58 |
|        | -7                | -7.6     | 115.6                     | 37.27 | 115.6 | 36.56 | 114.8 | 35.88 | 114.8 | 34.93 | 114.8 | 34.05 | 113.3 | 32.86 |
|        | -5                | -5.6     | 119.8                     | 36.35 | 119.8 | 35.59 | 119.1 | 34.91 | 119.1 | 33.98 | 119.1 | 33.09 | 117.2 | 31.96 |
|        | -3                | -3.7     | 124.0                     | 35.43 | 124.0 | 34.63 | 123.2 | 33.92 | 123.2 | 33.00 | 123.2 | 32.13 | 120.6 | 30.92 |
|        | 0                 | -0.7     | 130.3                     | 34.07 | 130.3 | 33.22 | 129.6 | 32.44 | 129.6 | 31.55 | 129.6 | 30.69 | 120.9 | 28.32 |
|        | 3                 | 2.2      | 136.7                     | 32.70 | 136.7 | 31.79 | 135.8 | 30.98 | 134.6 | 29.82 | 129.9 | 27.98 | 120.9 | 26.86 |
|        | 5                 | 4.1      | 131.1                     | 28.49 | 130.5 | 27.50 | 129.5 | 26.72 | 126.1 | 25.26 | 121.3 | 24.15 | 112.2 | 23.26 |
|        | 7                 | 6        | 123.4                     | 24.32 | 122.4 | 23.35 | 120.8 | 22.52 | 117.2 | 21.56 | 112.4 | 20.81 | 103.2 | 19.92 |
|        | 9                 | 7.9      | 115.5                     | 21.22 | 113.9 | 20.27 | 111.8 | 19.39 | 108.1 | 18.66 | 103.2 | 17.94 | 94.00 | 17.05 |
| 120    | 11                | 9.8      | 107.4                     | 18.62 | 105.2 | 17.68 | 102.5 | 16.81 | 98.60 | 16.12 | 93.80 | 15.44 | 84.40 | 14.54 |
|        | 13                | 11.8     | 99.00                     | 16.14 | 96.20 | 15.24 | 92.80 | 14.37 | 88.90 | 13.74 | 84.00 | 13.10 | 74.50 | 12.22 |
|        | 15                | 13.7     | 90.30                     | 13.81 | 86.90 | 12.94 | 82.90 | 12.12 | 78.80 | 11.53 | 73.80 | 10.95 | 64.30 | 10.10 |
|        | -30               | -30.2    | 42.00                     | 34.94 | 42.00 | 35.14 | 41.70 | 35.41 | 41.70 | 35.70 | 41.70 | 36.10 | 40.80 | 36.41 |
|        | -24.8             | -25      | 69.90                     | 35.53 | 69.90 | 35.71 | 69.50 | 36.00 | 69.50 | 36.26 | 69.50 | 36.67 | 68.10 | 36.97 |
|        | -21.8             | -22      | 85.10                     | 35.86 | 85.10 | 36.06 | 84.50 | 36.33 | 84.50 | 36.58 | 84.50 | 37.01 | 83.00 | 37.29 |
|        | -19.8             | -20      | 89.70                     | 36.09 | 89.70 | 36.27 | 89.20 | 36.54 | 89.20 | 36.81 | 89.20 | 37.22 | 87.40 | 37.50 |
|        | -18.8             | -19      | 91.90                     | 36.19 | 91.90 | 36.38 | 91.10 | 36.65 | 91.10 | 36.91 | 91.10 | 37.33 | 89.40 | 37.62 |
|        | -16.7             | -17      | 96.10                     | 36.43 | 96.10 | 36.61 | 95.40 | 36.88 | 95.40 | 37.13 | 95.40 | 37.56 | 93.50 | 36.66 |
|        | -15               | -15.9    | 99.00                     | 36.58 | 99.00 | 36.76 | 98.40 | 37.03 | 98.40 | 37.29 | 98.40 | 36.85 | 96.50 | 35.98 |
|        | -13.7             | -15      | 101.9                     | 36.75 | 101.9 | 36.93 | 101.4 | 37.20 | 101.4 | 37.47 | 101.4 | 36.14 | 99.40 | 35.32 |
|        | -11.8             | -13      | 105.3                     | 36.95 | 105.3 | 37.14 | 104.7 | 37.41 | 104.7 | 36.48 | 104.7 | 35.27 | 103.1 | 34.47 |
|        | -9.8              | -11      | 108.7                     | 37.17 | 108.7 | 37.35 | 108.0 | 36.34 | 108.0 | 35.45 | 108.0 | 34.35 | 107.0 | 33.59 |
|        | -9.5              | -10      | 109.6                     | 37.19 | 109.6 | 37.19 | 108.7 | 36.18 | 108.7 | 35.30 | 108.7 | 34.21 | 107.6 | 33.45 |
|        | -8.5              | -9.1     | 111.5                     | 37.31 | 111.5 | 36.62 | 110.9 | 35.65 | 110.9 | 34.79 | 110.9 | 33.74 | 109.7 | 33.00 |
|        | -7                | -7.6     | 114.7                     | 36.49 | 114.7 | 35.77 | 113.9 | 34.85 | 113.9 | 34.02 | 113.9 | 33.06 | 112.4 | 32.33 |
|        | -5                | -5.6     | 119.0                     | 35.42 | 119.0 | 34.70 | 118.0 | 33.82 | 118.0 | 33.04 | 118.0 | 32.19 | 113.6 | 30.73 |
|        | -3                | -3.7     | 123.1                     | 34.37 | 123.1 | 33.65 | 122.4 | 32.82 | 122.4 | 32.08 | 122.2 | 31.27 | 113.6 | 29.09 |
|        | 0                 | -0.7     | 129.4                     | 32.80 | 129.4 | 32.05 | 128.6 | 31.31 | 126.2 | 30.06 | 122.2 | 28.52 | 113.6 | 27.91 |
| 110    | 3                 | 2.2      | 135.8                     | 31.21 | 135.8 | 30.44 | 130.5 | 28.82 | 126.2 | 27.67 | 122.2 | 27.24 | 113.6 | 26.71 |
|        | 5                 | 4.1      | 130.0                     | 27.05 | 128.0 | 25.96 | 122.5 | 24.73 | 118.2 | 24.17 | 114.1 | 23.81 | 105.4 | 23.23 |
|        | 7                 | 6        | 122.4                     | 22.96 | 120.0 | 22.08 | 114.2 | 21.44 | 109.9 | 20.92 | 105.7 | 20.61 | 97.00 | 19.99 |
|        | 9                 | 7.9      | 114.6                     | 20.05 | 111.8 | 19.25 | 105.7 | 18.60 | 101.4 | 18.09 | 97.20 | 17.76 | 88.30 | 17.10 |
|        | 11                | 9.8      | 106.5                     | 17.57 | 103.3 | 16.78 | 96.90 | 16.10 | 92.50 | 15.61 | 88.20 | 15.28 | 79.30 | 14.60 |
|        | 13                | 11.8     | 98.20                     | 15.22 | 94.50 | 14.46 | 87.80 | 13.79 | 83.30 | 13.31 | 79.00 | 12.97 | 70.00 | 12.28 |
|        | 15                | 13.7     | 89.50                     | 13.02 | 85.30 | 12.28 | 78.40 | 11.64 | 73.80 | 11.19 | 69.50 | 10.85 | 60.40 | 10.16 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 41.80                     | 35.14 | 41.80 | 35.41 | 41.50 | 35.70 | 41.50 | 36.10 | 41.50 | 36.41 | 40.60 | 36.52 |
|        | -24.8             | -25      | 69.60                     | 35.71 | 69.60 | 36.00 | 69.10 | 36.26 | 69.10 | 36.67 | 69.10 | 36.97 | 67.70 | 37.10 |
|        | -21.8             | -22      | 84.50                     | 36.06 | 84.50 | 36.33 | 84.00 | 36.58 | 84.00 | 37.01 | 84.00 | 37.29 | 82.50 | 37.43 |
|        | -19.8             | -20      | 89.30                     | 36.27 | 89.30 | 36.54 | 88.70 | 36.81 | 88.70 | 37.22 | 88.70 | 37.50 | 87.00 | 37.65 |
|        | -18.8             | -19      | 91.30                     | 36.38 | 91.30 | 36.65 | 90.60 | 36.91 | 90.60 | 37.33 | 90.60 | 37.62 | 89.00 | 37.15 |
|        | -16.7             | -17      | 95.50                     | 36.61 | 95.50 | 36.88 | 94.80 | 37.13 | 94.80 | 37.56 | 94.80 | 36.59 | 93.00 | 36.10 |
|        | -15               | -15.9    | 98.40                     | 36.76 | 98.40 | 37.03 | 97.80 | 37.29 | 97.80 | 36.78 | 97.80 | 35.86 | 96.90 | 35.34 |
|        | -13.7             | -15      | 101.4                     | 36.93 | 101.4 | 37.20 | 100.8 | 37.47 | 100.8 | 36.01 | 100.8 | 35.14 | 100.8 | 34.60 |
|        | -11.8             | -13      | 104.7                     | 37.14 | 104.7 | 37.41 | 104.1 | 36.39 | 104.1 | 35.05 | 104.1 | 34.22 | 102.2 | 33.03 |
|        | -9.8              | -11      | 108.2                     | 37.35 | 108.2 | 36.21 | 107.5 | 35.25 | 107.5 | 34.02 | 107.5 | 33.26 | 102.2 | 31.18 |
|        | -9.5              | -10      | 108.7                     | 37.16 | 108.7 | 36.02 | 108.2 | 35.09 | 108.2 | 33.89 | 108.2 | 33.10 | 102.2 | 30.85 |
|        | -8.5              | -9.1     | 110.9                     | 36.51 | 110.9 | 35.42 | 110.3 | 34.53 | 110.3 | 33.37 | 109.5 | 32.40 | 102.2 | 30.39 |
|        | -7                | -7.6     | 114.2                     | 35.53 | 114.2 | 34.51 | 113.4 | 33.68 | 113.2 | 32.54 | 109.5 | 30.81 | 102.2 | 29.69 |
|        | -5                | -5.6     | 118.2                     | 34.30 | 118.2 | 33.37 | 117.1 | 32.50 | 113.2 | 30.49 | 109.5 | 29.41 | 102.2 | 28.80 |
|        | -3                | -3.7     | 122.4                     | 33.07 | 122.4 | 32.23 | 117.1 | 30.37 | 113.2 | 29.11 | 109.5 | 28.54 | 102.2 | 27.92 |
|        | 0                 | -0.7     | 128.7                     | 31.23 | 124.8 | 29.58 | 117.1 | 28.41 | 113.2 | 27.73 | 109.5 | 27.25 | 102.2 | 26.58 |
|        | 3                 | 2.2      | 132.1                     | 28.75 | 124.8 | 27.31 | 117.1 | 26.88 | 113.2 | 26.38 | 109.5 | 25.97 | 102.2 | 25.26 |
|        | 5                 | 4.1      | 125.1                     | 24.42 | 117.7 | 23.89 | 109.9 | 23.48 | 106.0 | 23.04 | 102.2 | 22.65 | 94.90 | 21.87 |
|        | 7                 | 6        | 117.8                     | 21.20 | 110.3 | 20.71 | 102.5 | 20.30 | 98.60 | 19.94 | 94.70 | 19.59 | 87.20 | 18.76 |
|        | 9                 | 7.9      | 110.3                     | 18.52 | 102.7 | 18.02 | 94.90 | 17.56 | 90.90 | 17.21 | 87.10 | 16.85 | 79.40 | 16.01 |
|        | 11                | 9.8      | 102.5                     | 16.19 | 94.90 | 15.67 | 87.00 | 15.19 | 83.00 | 14.82 | 79.10 | 14.47 | 71.40 | 13.64 |
|        | 13                | 11.8     | 94.50                     | 13.99 | 86.80 | 13.46 | 78.80 | 12.97 | 74.80 | 12.61 | 70.90 | 12.26 | 62.90 | 11.47 |
|        | 15                | 13.7     | 86.20                     | 11.92 | 78.40 | 11.42 | 70.30 | 10.91 | 66.30 | 10.59 | 62.20 | 10.24 | 54.30 | 9.49  |
| 100    | -30               | -30.2    | 41.50                     | 39.80 | 41.50 | 39.64 | 41.30 | 34.46 | 41.30 | 39.17 | 41.30 | 38.16 | 40.50 | 38.89 |
|        | -24.8             | -25      | 69.30                     | 39.16 | 69.30 | 38.99 | 68.90 | 36.28 | 68.90 | 38.53 | 68.90 | 38.35 | 67.40 | 38.25 |
|        | -21.8             | -22      | 84.20                     | 38.81 | 84.20 | 38.62 | 83.70 | 37.32 | 83.70 | 38.18 | 83.70 | 38.46 | 82.20 | 37.90 |
|        | -19.8             | -20      | 88.90                     | 38.56 | 88.90 | 38.38 | 88.30 | 37.97 | 88.30 | 37.93 | 88.30 | 37.90 | 86.50 | 37.65 |
|        | -18.8             | -19      | 90.80                     | 38.43 | 90.30 | 38.26 | 90.30 | 38.08 | 90.30 | 37.80 | 90.30 | 37.62 | 88.60 | 37.04 |
|        | -16.7             | -17      | 94.40                     | 38.19 | 94.40 | 38.00 | 94.40 | 38.30 | 93.90 | 37.56 | 93.90 | 36.36 | 92.20 | 35.76 |
|        | -15               | -15.9    | 97.70                     | 37.99 | 97.70 | 37.81 | 97.40 | 37.88 | 97.20 | 36.65 | 97.20 | 35.46 | 93.40 | 34.14 |
|        | -13.7             | -15      | 100.9                     | 37.81 | 100.9 | 37.64 | 100.4 | 37.47 | 100.4 | 35.74 | 100.3 | 34.55 | 93.40 | 32.19 |
|        | -11.8             | -13      | 104.1                     | 37.59 | 103.6 | 37.41 | 103.6 | 36.27 | 103.6 | 34.59 | 100.3 | 32.36 | 93.40 | 31.10 |
|        | -9.8              | -11      | 107.7                     | 37.35 | 107.7 | 36.07 | 107.1 | 35.00 | 103.7 | 32.34 | 100.3 | 30.60 | 93.40 | 29.95 |
|        | -9.5              | -10      | 108.2                     | 37.13 | 108.2 | 35.86 | 107.1 | 34.60 | 103.7 | 31.98 | 100.3 | 30.43 | 93.40 | 29.78 |
|        | -8.5              | -9.1     | 110.4                     | 36.45 | 110.4 | 35.19 | 107.1 | 33.33 | 103.7 | 30.94 | 100.3 | 29.87 | 93.40 | 29.20 |
|        | -7                | -7.6     | 115.4                     | 35.39 | 113.9 | 33.90 | 107.1 | 31.52 | 103.7 | 30.08 | 100.3 | 29.02 | 93.40 | 28.35 |
|        | -5                | -5.6     | 120.4                     | 34.06 | 113.9 | 31.44 | 107.1 | 30.38 | 103.7 | 29.01 | 100.3 | 27.96 | 93.40 | 27.26 |
|        | -3                | -3.7     | 120.8                     | 31.92 | 113.9 | 30.01 | 107.1 | 29.24 | 103.7 | 27.93 | 100.3 | 26.89 | 93.40 | 26.17 |
|        | 0                 | -0.7     | 120.8                     | 29.14 | 113.9 | 28.18 | 107.1 | 27.52 | 103.7 | 26.30 | 100.3 | 25.27 | 93.40 | 24.52 |
|        | 3                 | 2.2      | 120.8                     | 27.23 | 113.9 | 26.37 | 107.1 | 25.81 | 103.7 | 24.67 | 100.3 | 23.67 | 93.40 | 22.89 |
|        | 5                 | 4.1      | 114.3                     | 23.78 | 107.4 | 22.94 | 100.5 | 22.40 | 97.10 | 21.37 | 93.70 | 20.43 | 86.60 | 19.59 |
|        | 7                 | 6        | 107.7                     | 20.58 | 100.7 | 19.79 | 93.80 | 19.27 | 90.30 | 18.35 | 86.80 | 17.47 | 79.80 | 16.60 |
|        | 9                 | 7.9      | 100.8                     | 17.92 | 93.80 | 17.16 | 86.70 | 16.63 | 83.30 | 15.78 | 79.70 | 14.98 | 72.60 | 14.15 |
|        | 11                | 9.8      | 93.80                     | 15.62 | 86.70 | 14.86 | 79.60 | 14.33 | 76.00 | 13.56 | 72.40 | 12.82 | 65.20 | 12.02 |
|        | 13                | 11.8     | 86.30                     | 13.44 | 79.20 | 12.73 | 72.10 | 12.20 | 68.50 | 11.51 | 64.90 | 10.85 | 57.50 | 10.09 |
|        | 15                | 13.7     | 78.80                     | 11.42 | 71.60 | 10.77 | 64.30 | 10.24 | 60.70 | 9.65  | 57.10 | 9.04  | 49.60 | 8.35  |
| 90     | -30               | -30.2    | 41.50                     | 34.52 | 41.50 | 34.91 | 41.10 | 35.21 | 41.10 | 35.34 | 41.10 | 35.65 | 40.30 | 39.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 69.10                     | 35.08 | 69.10 | 35.50 | 68.60 | 35.80 | 68.60 | 35.93 | 68.60 | 36.21 | 67.20 | 36.63 |
|        | -21.8             | -22      | 83.90                     | 35.41 | 83.90 | 35.83 | 83.40 | 36.13 | 83.40 | 36.26 | 83.40 | 36.54 | 81.70 | 34.98 |
|        | -19.8             | -20      | 88.60                     | 35.64 | 88.60 | 36.05 | 88.00 | 36.35 | 88.00 | 36.48 | 88.00 | 35.42 | 85.30 | 33.50 |
|        | -18.8             | -19      | 90.80                     | 35.75 | 90.30 | 36.16 | 90.00 | 36.45 | 90.00 | 35.90 | 90.00 | 34.87 | 85.30 | 32.25 |
|        | -16.7             | -17      | 94.40                     | 35.98 | 94.40 | 36.39 | 94.00 | 35.27 | 94.00 | 34.71 | 91.90 | 32.95 | 85.30 | 30.57 |
|        | -15               | -15.9    | 97.70                     | 36.13 | 97.70 | 35.52 | 97.00 | 34.43 | 95.00 | 33.15 | 91.90 | 31.66 | 85.30 | 29.80 |
|        | -13.7             | -15      | 100.9                     | 36.30 | 100.9 | 34.64 | 98.00 | 32.90 | 95.00 | 31.36 | 91.90 | 30.41 | 85.30 | 29.04 |
|        | -11.8             | -13      | 104.1                     | 35.12 | 103.6 | 33.55 | 98.00 | 30.90 | 95.00 | 30.30 | 91.90 | 29.41 | 85.30 | 28.07 |
|        | -9.8              | -11      | 107.7                     | 33.87 | 104.1 | 31.30 | 98.00 | 29.82 | 95.00 | 29.23 | 91.90 | 28.39 | 85.30 | 27.05 |
|        | -9.5              | -10      | 108.2                     | 33.68 | 104.1 | 30.98 | 98.00 | 29.65 | 95.00 | 29.06 | 91.90 | 28.24 | 85.30 | 26.90 |
|        | -8.5              | -9.1     | 110.4                     | 33.07 | 104.1 | 30.08 | 98.00 | 29.14 | 95.00 | 28.54 | 91.90 | 27.70 | 85.30 | 26.40 |
|        | -7                | -7.6     | 110.7                     | 30.83 | 104.1 | 29.22 | 98.00 | 28.34 | 95.00 | 27.74 | 91.90 | 26.93 | 85.30 | 25.63 |
|        | -5                | -5.6     | 110.7                     | 29.36 | 104.1 | 28.18 | 98.00 | 27.34 | 95.00 | 26.71 | 91.90 | 25.94 | 85.30 | 24.67 |
|        | -3                | -3.7     | 110.7                     | 28.25 | 104.1 | 27.13 | 98.00 | 26.34 | 95.00 | 25.70 | 91.90 | 24.95 | 85.30 | 23.69 |
|        | 0                 | -0.7     | 110.7                     | 26.56 | 104.1 | 25.57 | 98.00 | 24.85 | 95.00 | 24.17 | 91.90 | 23.47 | 85.30 | 22.25 |
|        | 3                 | 2.2      | 110.7                     | 24.87 | 104.1 | 24.01 | 98.00 | 23.34 | 95.00 | 22.65 | 91.90 | 21.97 | 85.30 | 20.79 |
|        | 5                 | 4.1      | 104.8                     | 21.78 | 98.20 | 20.99 | 92.00 | 20.34 | 88.90 | 19.65 | 85.80 | 19.01 | 79.20 | 17.86 |
|        | 7                 | 6        | 98.70                     | 18.91 | 92.00 | 18.20 | 85.80 | 17.56 | 82.70 | 16.88 | 79.50 | 16.30 | 72.90 | 15.21 |
|        | 9                 | 7.9      | 92.40                     | 16.33 | 85.70 | 15.64 | 79.40 | 15.03 | 76.30 | 14.41 | 73.10 | 13.87 | 66.30 | 12.86 |
|        | 11                | 9.8      | 85.90                     | 13.95 | 79.10 | 13.32 | 72.80 | 12.72 | 69.70 | 12.18 | 66.40 | 11.68 | 59.50 | 10.75 |
|        | 13                | 11.8     | 79.20                     | 11.82 | 72.40 | 11.22 | 66.00 | 10.66 | 62.70 | 10.16 | 59.40 | 9.73  | 52.50 | 8.88  |
|        | 15                | 13.7     | 72.20                     | 9.88  | 65.30 | 9.34  | 58.90 | 8.82  | 55.60 | 8.39  | 52.30 | 7.99  | 45.30 | 7.26  |
| 80     | -30               | -30.2    | 41.20                     | 30.38 | 41.20 | 30.81 | 41.00 | 31.12 | 41.00 | 30.75 | 41.00 | 35.06 | 40.20 | 33.59 |
|        | -24.8             | -25      | 68.80                     | 30.99 | 68.80 | 31.41 | 68.30 | 31.71 | 68.30 | 31.84 | 68.30 | 32.54 | 66.90 | 31.18 |
|        | -21.8             | -22      | 83.00                     | 31.34 | 83.00 | 31.75 | 83.00 | 32.05 | 83.00 | 32.46 | 81.90 | 30.70 | 76.30 | 28.27 |
|        | -19.8             | -20      | 87.60                     | 31.56 | 87.60 | 31.98 | 87.50 | 32.37 | 85.00 | 30.51 | 81.90 | 28.59 | 76.30 | 27.37 |
|        | -18.8             | -19      | 89.60                     | 31.68 | 89.60 | 32.38 | 87.70 | 31.22 | 85.00 | 29.42 | 81.90 | 28.15 | 76.30 | 26.95 |
|        | -16.7             | -17      | 92.50                     | 32.33 | 92.50 | 31.33 | 87.70 | 29.25 | 85.00 | 28.35 | 81.90 | 27.19 | 76.30 | 26.03 |
|        | -15               | -15.9    | 94.50                     | 31.54 | 93.30 | 30.46 | 87.70 | 28.52 | 85.00 | 27.63 | 81.90 | 26.51 | 76.30 | 25.38 |
|        | -13.7             | -15      | 96.60                     | 30.76 | 93.30 | 29.34 | 87.70 | 27.79 | 85.00 | 26.92 | 81.90 | 25.84 | 76.30 | 24.73 |
|        | -11.8             | -13      | 99.10                     | 29.76 | 93.30 | 28.00 | 87.70 | 26.88 | 85.00 | 26.03 | 81.90 | 24.98 | 76.30 | 23.91 |
|        | -9.8              | -11      | 99.10                     | 27.98 | 93.30 | 26.65 | 87.70 | 25.93 | 85.00 | 25.07 | 81.90 | 24.09 | 76.30 | 23.05 |
|        | -9.5              | -10      | 99.10                     | 27.63 | 93.30 | 26.36 | 87.70 | 25.78 | 85.00 | 24.93 | 81.90 | 23.95 | 76.30 | 22.92 |
|        | -8.5              | -9.1     | 99.10                     | 26.89 | 93.30 | 25.81 | 87.70 | 25.30 | 85.00 | 24.46 | 81.90 | 23.51 | 76.30 | 22.50 |
|        | -7                | -7.6     | 99.10                     | 25.88 | 93.30 | 25.08 | 87.70 | 24.58 | 85.00 | 23.75 | 81.90 | 22.85 | 76.30 | 21.84 |
|        | -5                | -5.6     | 99.10                     | 24.94 | 93.30 | 24.19 | 87.70 | 23.67 | 85.00 | 22.86 | 81.90 | 21.98 | 76.30 | 21.03 |
|        | -3                | -3.7     | 99.10                     | 24.00 | 93.30 | 23.28 | 87.70 | 22.77 | 85.00 | 21.94 | 81.90 | 21.13 | 76.30 | 20.20 |
|        | 0                 | -0.7     | 99.10                     | 22.59 | 93.30 | 21.91 | 87.70 | 21.39 | 85.00 | 20.60 | 81.90 | 19.84 | 76.30 | 18.97 |
|        | 3                 | 2.2      | 99.10                     | 21.18 | 93.30 | 20.56 | 87.70 | 20.02 | 85.00 | 19.24 | 81.90 | 18.57 | 76.30 | 17.75 |
|        | 5                 | 4.1      | 93.80                     | 18.59 | 88.00 | 17.99 | 82.30 | 17.42 | 79.60 | 16.70 | 76.50 | 16.10 | 70.80 | 15.29 |
|        | 7                 | 6        | 88.40                     | 16.20 | 82.40 | 15.61 | 76.80 | 15.04 | 74.00 | 14.35 | 70.90 | 13.81 | 65.10 | 13.06 |
|        | 9                 | 7.9      | 82.80                     | 13.81 | 76.80 | 13.27 | 71.00 | 12.72 | 68.20 | 12.11 | 65.10 | 11.62 | 59.30 | 10.93 |
|        | 11                | 9.8      | 76.90                     | 11.57 | 71.00 | 11.07 | 65.10 | 10.57 | 62.30 | 10.02 | 59.10 | 9.60  | 53.20 | 8.96  |
|        | 13                | 11.8     | 70.90                     | 9.68  | 64.90 | 9.22  | 59.00 | 8.75  | 56.10 | 8.29  | 53.00 | 7.92  | 47.00 | 7.33  |
|        | 15                | 13.7     | 64.60                     | 8.11  | 58.60 | 7.69  | 52.70 | 7.27  | 49.80 | 6.86  | 46.60 | 6.53  | 40.50 | 6.02  |
| 70     | -30               | -30.2    | 41.20                     | 30.40 | 41.20 | 30.56 | 41.00 | 30.84 | 41.00 | 34.57 | 41.00 | 32.93 | 40.20 | 31.42 |
|        | -24.8             | -25      | 68.80                     | 31.00 | 68.80 | 31.15 | 68.30 | 31.43 | 68.30 | 31.84 | 68.30 | 30.35 | 65.30 | 28.23 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 79.20                     | 31.35 | 79.20 | 31.49 | 74.60 | 30.14 | 72.10 | 28.72 | 69.90 | 27.39 | 65.30 | 26.10 |
|        | -19.8             | -20      | 84.00                     | 30.76 | 79.40 | 30.08 | 74.60 | 29.09 | 72.10 | 27.73 | 69.90 | 26.47 | 65.30 | 25.21 |
|        | -18.8             | -19      | 84.00                     | 30.06 | 79.40 | 29.56 | 74.60 | 28.58 | 72.10 | 27.23 | 69.90 | 26.00 | 65.30 | 24.75 |
|        | -16.7             | -17      | 84.00                     | 28.96 | 79.40 | 28.42 | 74.60 | 27.49 | 72.10 | 26.20 | 69.90 | 25.03 | 65.30 | 23.81 |
|        | -15               | -15.9    | 84.00                     | 28.16 | 79.40 | 27.62 | 74.60 | 26.71 | 72.10 | 25.45 | 69.90 | 24.34 | 65.30 | 23.15 |
|        | -13.7             | -15      | 84.00                     | 27.37 | 79.40 | 26.83 | 74.60 | 25.94 | 72.10 | 24.72 | 69.90 | 23.66 | 65.30 | 22.48 |
|        | -11.8             | -13      | 84.00                     | 26.37 | 79.40 | 25.81 | 74.60 | 24.96 | 72.10 | 23.80 | 69.90 | 22.78 | 65.30 | 21.64 |
|        | -9.8              | -11      | 84.00                     | 25.33 | 79.40 | 24.75 | 74.60 | 23.93 | 72.10 | 22.82 | 69.90 | 21.87 | 65.30 | 20.76 |
|        | -9.5              | -10      | 84.00                     | 25.17 | 79.40 | 24.60 | 74.60 | 23.77 | 72.10 | 22.67 | 69.90 | 21.73 | 65.30 | 20.63 |
|        | -8.5              | -9.1     | 84.00                     | 24.64 | 79.40 | 24.07 | 74.60 | 23.27 | 72.10 | 22.19 | 69.90 | 21.27 | 65.30 | 20.19 |
|        | -7                | -7.6     | 84.00                     | 23.87 | 79.40 | 23.29 | 74.60 | 22.51 | 72.10 | 21.46 | 69.90 | 20.59 | 65.30 | 19.52 |
|        | -5                | -5.6     | 84.00                     | 22.86 | 79.40 | 22.25 | 74.60 | 21.52 | 72.10 | 20.52 | 69.90 | 19.72 | 65.30 | 18.70 |
|        | -3                | -3.7     | 84.00                     | 21.86 | 79.40 | 21.25 | 74.60 | 20.54 | 72.10 | 19.59 | 69.90 | 18.83 | 65.30 | 17.84 |
|        | 0                 | -0.7     | 84.00                     | 20.35 | 79.40 | 19.73 | 74.60 | 19.07 | 72.10 | 18.19 | 69.90 | 17.53 | 65.30 | 16.57 |
|        | 3                 | 2.2      | 84.00                     | 18.84 | 79.40 | 18.19 | 74.60 | 17.58 | 72.10 | 16.78 | 69.90 | 16.22 | 65.30 | 15.29 |
|        | 5                 | 4.1      | 79.60                     | 16.43 | 74.80 | 15.76 | 70.00 | 15.19 | 67.50 | 14.47 | 65.30 | 13.96 | 60.60 | 13.10 |
|        | 7                 | 6        | 74.80                     | 14.20 | 70.20 | 13.54 | 65.30 | 12.99 | 62.80 | 12.35 | 60.50 | 11.94 | 55.80 | 11.11 |
|        | 9                 | 7.9      | 70.10                     | 11.70 | 65.30 | 11.11 | 60.50 | 10.60 | 57.80 | 10.08 | 55.60 | 9.70  | 50.70 | 8.99  |
|        | 11                | 9.8      | 65.10                     | 9.85  | 60.40 | 9.33  | 55.40 | 8.88  | 52.90 | 8.41  | 50.50 | 8.08  | 45.60 | 7.43  |
|        | 13                | 11.8     | 60.00                     | 8.31  | 55.20 | 7.83  | 50.20 | 7.42  | 47.60 | 7.01  | 45.20 | 6.72  | 40.30 | 6.15  |
|        | 15                | 13.7     | 54.80                     | 7.00  | 49.80 | 6.58  | 44.80 | 6.21  | 42.20 | 5.85  | 39.80 | 5.59  | 34.70 | 5.10  |
| 60     | -30               | -30.2    | 40.80                     | 30.10 | 40.80 | 30.38 | 40.40 | 34.37 | 39.10 | 32.56 | 37.80 | 30.88 | 35.40 | 29.38 |
|        | -24.8             | -25      | 67.90                     | 30.71 | 67.90 | 30.99 | 63.90 | 29.80 | 61.90 | 28.27 | 59.70 | 26.83 | 55.90 | 25.48 |
|        | -21.8             | -22      | 72.10                     | 30.79 | 68.20 | 29.73 | 63.90 | 28.20 | 61.90 | 26.77 | 59.70 | 25.42 | 55.90 | 24.11 |
|        | -19.8             | -20      | 72.10                     | 29.68 | 68.20 | 28.60 | 63.90 | 27.14 | 61.90 | 25.77 | 59.70 | 24.48 | 55.90 | 23.21 |
|        | -18.8             | -19      | 72.10                     | 29.12 | 68.20 | 28.05 | 63.90 | 26.61 | 61.90 | 25.28 | 59.70 | 24.01 | 55.90 | 22.75 |
|        | -16.7             | -17      | 72.10                     | 27.92 | 68.20 | 26.87 | 63.90 | 25.49 | 61.90 | 24.23 | 59.70 | 23.03 | 55.90 | 21.81 |
|        | -15               | -15.9    | 72.10                     | 27.08 | 68.20 | 26.02 | 63.90 | 24.70 | 61.90 | 23.49 | 59.70 | 22.33 | 55.90 | 21.13 |
|        | -13.7             | -15      | 72.10                     | 26.24 | 68.20 | 25.20 | 63.90 | 23.91 | 61.90 | 22.75 | 59.70 | 21.63 | 55.90 | 20.46 |
|        | -11.8             | -13      | 72.10                     | 25.18 | 68.20 | 24.14 | 63.90 | 22.92 | 61.90 | 21.81 | 59.70 | 20.75 | 55.90 | 19.61 |
|        | -9.8              | -11      | 72.10                     | 24.05 | 68.20 | 23.03 | 63.90 | 21.87 | 61.90 | 20.83 | 59.70 | 19.83 | 55.90 | 18.71 |
|        | -9.5              | -10      | 72.10                     | 23.89 | 68.20 | 22.86 | 63.90 | 21.72 | 61.90 | 20.68 | 59.70 | 19.69 | 55.90 | 18.58 |
|        | -8.5              | -9.1     | 72.10                     | 23.33 | 68.20 | 22.32 | 63.90 | 21.20 | 61.90 | 20.20 | 59.70 | 19.23 | 55.90 | 18.14 |
|        | -7                | -7.6     | 72.10                     | 22.51 | 68.20 | 21.50 | 63.90 | 20.41 | 61.90 | 19.46 | 59.70 | 18.54 | 55.90 | 17.47 |
|        | -5                | -5.6     | 72.10                     | 21.42 | 68.20 | 20.42 | 63.90 | 19.42 | 61.90 | 18.51 | 59.70 | 17.66 | 55.90 | 16.62 |
|        | -3                | -3.7     | 72.10                     | 20.35 | 68.20 | 19.36 | 63.90 | 18.41 | 61.90 | 17.57 | 59.70 | 16.76 | 55.90 | 15.75 |
|        | 0                 | -0.7     | 72.10                     | 18.73 | 68.20 | 17.75 | 63.90 | 16.89 | 61.90 | 16.15 | 59.70 | 15.43 | 55.90 | 14.46 |
|        | 3                 | 2.2      | 72.10                     | 17.12 | 68.20 | 16.15 | 63.90 | 15.38 | 61.90 | 14.74 | 59.70 | 14.10 | 55.90 | 13.17 |
|        | 5                 | 4.1      | 68.20                     | 14.81 | 64.30 | 13.89 | 60.00 | 13.19 | 58.00 | 12.63 | 55.80 | 12.07 | 51.80 | 11.21 |
|        | 7                 | 6        | 64.30                     | 12.70 | 60.30 | 11.82 | 55.90 | 11.20 | 53.90 | 10.72 | 51.70 | 10.24 | 47.70 | 9.44  |
|        | 9                 | 7.9      | 60.20                     | 10.37 | 56.10 | 9.62  | 51.80 | 9.07  | 49.70 | 8.67  | 47.50 | 8.27  | 43.50 | 7.58  |
|        | 11                | 9.8      | 55.90                     | 8.81  | 51.90 | 8.15  | 47.40 | 7.66  | 45.40 | 7.31  | 43.10 | 6.96  | 39.10 | 6.35  |
|        | 13                | 11.8     | 51.50                     | 7.47  | 47.40 | 6.89  | 43.00 | 6.47  | 40.80 | 6.15  | 38.60 | 5.84  | 34.50 | 5.31  |
|        | 15                | 13.7     | 47.10                     | 6.36  | 42.90 | 5.85  | 38.40 | 5.46  | 36.20 | 5.19  | 34.00 | 4.93  | 29.70 | 4.45  |
| 50     | -30               | -30.2    | 38.10                     | 26.15 | 35.90 | 29.75 | 33.70 | 28.19 | 32.60 | 26.70 | 31.50 | 25.32 | 29.40 | 24.06 |
|        | -24.8             | -25      | 60.20                     | 25.38 | 56.80 | 25.78 | 53.30 | 24.43 | 51.60 | 23.17 | 49.80 | 21.99 | 46.40 | 20.87 |
|        | -21.8             | -22      | 60.20                     | 25.72 | 56.80 | 24.38 | 53.30 | 23.11 | 51.60 | 21.93 | 49.80 | 20.82 | 46.40 | 19.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 60.20                     | 24.74 | 56.80 | 23.44 | 53.30 | 22.24 | 51.60 | 21.10 | 49.80 | 20.04 | 46.40 | 18.99 |
|        | -18.8             | -19      | 60.20                     | 24.26 | 56.80 | 22.97 | 53.30 | 21.82 | 51.60 | 20.69 | 49.80 | 19.66 | 46.40 | 18.64 |
|        | -16.7             | -17      | 60.20                     | 23.24 | 56.80 | 22.00 | 53.30 | 20.89 | 51.60 | 19.81 | 49.80 | 18.85 | 46.40 | 17.86 |
|        | -15               | -15.9    | 60.20                     | 22.51 | 56.80 | 21.30 | 53.30 | 20.24 | 51.60 | 19.19 | 49.80 | 18.27 | 46.40 | 17.30 |
|        | -13.7             | -15      | 60.20                     | 21.79 | 56.80 | 20.60 | 53.30 | 19.59 | 51.60 | 18.58 | 49.80 | 17.70 | 46.40 | 16.75 |
|        | -11.8             | -13      | 60.20                     | 20.86 | 56.80 | 19.74 | 53.30 | 18.78 | 51.60 | 17.81 | 49.80 | 16.98 | 46.40 | 16.05 |
|        | -9.8              | -11      | 60.20                     | 19.91 | 56.80 | 18.82 | 53.30 | 17.91 | 51.60 | 16.99 | 49.80 | 16.21 | 46.40 | 15.33 |
|        | -9.5              | -10      | 60.20                     | 19.77 | 56.80 | 18.68 | 53.30 | 17.78 | 51.60 | 16.87 | 49.80 | 16.11 | 46.40 | 15.21 |
|        | -8.5              | -9.1     | 60.20                     | 19.30 | 56.80 | 18.21 | 53.30 | 17.36 | 51.60 | 16.47 | 49.80 | 15.73 | 46.40 | 14.84 |
|        | -7                | -7.6     | 60.20                     | 18.57 | 56.80 | 17.53 | 53.30 | 16.72 | 51.60 | 15.86 | 49.80 | 15.16 | 46.40 | 14.30 |
|        | -5                | -5.6     | 60.20                     | 17.64 | 56.80 | 16.65 | 53.30 | 15.89 | 51.60 | 15.08 | 49.80 | 14.43 | 46.40 | 13.60 |
|        | -3                | -3.7     | 60.20                     | 16.73 | 56.80 | 15.76 | 53.30 | 15.05 | 51.60 | 14.28 | 49.80 | 13.69 | 46.40 | 12.89 |
|        | 0                 | -0.7     | 60.20                     | 15.34 | 56.80 | 14.42 | 53.30 | 13.81 | 51.60 | 13.11 | 49.80 | 12.60 | 46.40 | 11.83 |
|        | 3                 | 2.2      | 60.20                     | 13.95 | 56.80 | 13.10 | 53.30 | 12.57 | 51.60 | 11.93 | 49.80 | 11.51 | 46.40 | 10.78 |
|        | 5                 | 4.1      | 57.00                     | 12.06 | 53.60 | 11.28 | 50.10 | 10.81 | 48.40 | 10.24 | 46.50 | 9.90  | 43.00 | 9.21  |
|        | 7                 | 6        | 53.70                     | 10.34 | 50.20 | 9.63  | 46.70 | 9.22  | 45.00 | 8.73  | 43.10 | 8.43  | 39.60 | 7.81  |
|        | 9                 | 7.9      | 50.20                     | 8.59  | 46.80 | 7.98  | 43.10 | 7.61  | 41.40 | 7.19  | 39.60 | 6.94  | 36.00 | 6.40  |
|        | 11                | 9.8      | 46.70                     | 7.36  | 43.20 | 6.81  | 39.60 | 6.48  | 37.80 | 6.12  | 36.00 | 5.89  | 32.40 | 5.40  |
|        | 13                | 11.8     | 43.00                     | 6.30  | 39.50 | 5.82  | 35.80 | 5.53  | 34.10 | 5.21  | 32.30 | 5.00  | 28.60 | 4.57  |
|        | 15                | 13.7     | 39.30                     | 5.43  | 35.70 | 5.01  | 32.10 | 4.73  | 30.20 | 4.45  | 28.40 | 4.27  | 24.60 | 3.89  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM360LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 44.20                     | 36.82 | 44.20 | 37.21 | 43.90 | 37.54 | 43.90 | 38.03 | 43.90 | 38.49 | 43.40 | 39.24 |
|        | -24.8             | -25      | 73.60                     | 37.96 | 73.60 | 38.34 | 73.10 | 38.66 | 73.10 | 39.16 | 73.10 | 39.62 | 72.40 | 40.35 |
|        | -21.8             | -22      | 89.80                     | 38.62 | 89.80 | 38.98 | 89.30 | 39.31 | 89.30 | 39.80 | 89.30 | 40.26 | 88.30 | 41.00 |
|        | -19.8             | -20      | 95.00                     | 39.04 | 95.00 | 39.41 | 94.40 | 39.73 | 94.40 | 40.21 | 94.40 | 40.68 | 93.40 | 41.41 |
|        | -18.8             | -19      | 97.20                     | 39.25 | 97.20 | 39.62 | 96.70 | 39.94 | 96.70 | 40.42 | 96.70 | 40.89 | 95.60 | 41.62 |
|        | -16.7             | -17      | 101.8                     | 39.70 | 101.8 | 40.07 | 101.3 | 40.39 | 101.3 | 40.86 | 101.3 | 41.32 | 100.2 | 42.06 |
|        | -15               | -15.9    | 105.2                     | 40.00 | 105.2 | 40.37 | 104.6 | 40.69 | 104.6 | 41.16 | 104.6 | 41.63 | 103.5 | 41.26 |
|        | -13.7             | -15      | 108.6                     | 40.33 | 108.6 | 40.69 | 107.9 | 41.01 | 107.9 | 41.48 | 107.9 | 41.96 | 106.7 | 40.48 |
|        | -11.8             | -13      | 112.2                     | 40.72 | 112.2 | 41.09 | 111.4 | 41.42 | 111.4 | 41.89 | 111.4 | 40.90 | 110.5 | 39.48 |
|        | -9.8              | -11      | 116.0                     | 41.15 | 116.0 | 41.50 | 115.4 | 41.82 | 115.4 | 40.79 | 115.4 | 39.81 | 114.5 | 38.44 |
|        | -9.5              | -10      | 117.0                     | 41.20 | 117.0 | 41.56 | 116.2 | 41.65 | 116.2 | 40.62 | 115.9 | 39.65 | 115.0 | 38.29 |
|        | -8.5              | -9.1     | 120.4                     | 41.42 | 120.4 | 41.77 | 119.6 | 41.10 | 119.6 | 40.07 | 117.7 | 39.09 | 117.1 | 37.76 |
|        | -7                | -7.6     | 125.5                     | 41.72 | 125.5 | 40.98 | 124.6 | 40.27 | 124.6 | 39.24 | 124.6 | 38.28 | 121.5 | 36.98 |
|        | -5                | -5.6     | 132.2                     | 40.78 | 132.2 | 39.97 | 131.3 | 39.23 | 131.3 | 38.23 | 131.1 | 37.19 | 125.5 | 35.92 |
|        | -3                | -3.7     | 138.0                     | 39.57 | 138.0 | 38.72 | 137.4 | 38.01 | 135.8 | 36.58 | 133.6 | 35.07 | 127.7 | 34.36 |
|        | 0                 | -0.7     | 141.7                     | 36.63 | 141.7 | 35.73 | 141.1 | 34.98 | 139.5 | 33.92 | 137.3 | 33.01 | 128.0 | 31.39 |
|        | 3                 | 2.2      | 145.5                     | 35.21 | 145.5 | 34.24 | 144.8 | 33.38 | 142.5 | 32.29 | 137.5 | 30.77 | 128.0 | 29.67 |
|        | 5                 | 4.1      | 138.7                     | 30.95 | 138.2 | 29.88 | 137.1 | 29.00 | 133.5 | 27.73 | 128.4 | 26.65 | 118.8 | 25.67 |
|        | 7                 | 6        | 130.6                     | 26.81 | 129.6 | 25.72 | 127.9 | 24.76 | 124.1 | 23.80 | 119.0 | 22.96 | 109.3 | 21.98 |
|        | 9                 | 7.9      | 122.2                     | 23.44 | 120.6 | 22.39 | 118.4 | 21.39 | 114.4 | 20.59 | 109.3 | 19.79 | 99.50 | 18.79 |
|        | 11                | 9.8      | 113.7                     | 20.57 | 111.4 | 19.51 | 108.5 | 18.54 | 104.4 | 17.76 | 99.30 | 17.01 | 89.30 | 16.01 |
|        | 13                | 11.8     | 104.8                     | 17.81 | 101.9 | 16.81 | 98.30 | 15.84 | 94.10 | 15.13 | 88.90 | 14.41 | 78.90 | 13.42 |
|        | 15                | 13.7     | 95.60                     | 15.23 | 92.00 | 14.26 | 87.80 | 13.33 | 83.40 | 12.67 | 78.10 | 12.01 | 68.00 | 11.05 |
| 120    | -30               | -30.2    | 43.90                     | 37.21 | 43.90 | 37.54 | 43.50 | 38.03 | 43.50 | 38.49 | 43.50 | 39.24 | 43.00 | 39.78 |
|        | -24.8             | -25      | 73.10                     | 38.34 | 73.10 | 38.66 | 72.60 | 39.16 | 72.60 | 39.62 | 72.60 | 40.35 | 71.80 | 40.87 |
|        | -21.8             | -22      | 89.30                     | 38.98 | 89.30 | 39.31 | 88.70 | 39.80 | 88.70 | 40.26 | 88.70 | 41.00 | 87.80 | 41.50 |
|        | -19.8             | -20      | 94.40                     | 39.41 | 94.40 | 39.73 | 93.70 | 40.21 | 93.70 | 40.68 | 93.70 | 41.41 | 92.60 | 41.92 |
|        | -18.8             | -19      | 96.60                     | 39.62 | 96.60 | 39.94 | 95.90 | 40.42 | 95.90 | 40.89 | 95.90 | 41.62 | 94.90 | 42.13 |
|        | -16.7             | -17      | 101.2                     | 40.07 | 101.2 | 40.39 | 100.6 | 40.86 | 100.6 | 41.32 | 100.6 | 42.06 | 99.50 | 41.10 |
|        | -15               | -15.9    | 104.5                     | 40.37 | 104.5 | 40.69 | 103.8 | 41.16 | 103.8 | 41.63 | 103.8 | 41.29 | 102.7 | 40.37 |
|        | -13.7             | -15      | 107.7                     | 40.69 | 107.7 | 41.01 | 107.1 | 41.48 | 107.1 | 41.96 | 107.1 | 40.54 | 106.0 | 39.65 |
|        | -11.8             | -13      | 111.4                     | 41.09 | 111.4 | 41.42 | 110.7 | 41.89 | 110.7 | 40.89 | 110.7 | 39.60 | 109.8 | 38.72 |
|        | -9.8              | -11      | 115.1                     | 41.50 | 115.1 | 41.82 | 114.3 | 40.74 | 114.3 | 39.79 | 114.3 | 38.60 | 113.6 | 37.77 |
|        | -9.5              | -10      | 116.2                     | 41.56 | 116.2 | 41.64 | 115.4 | 40.57 | 115.4 | 39.63 | 115.4 | 38.44 | 114.6 | 37.62 |
|        | -8.5              | -9.1     | 119.5                     | 41.77 | 119.5 | 41.04 | 118.8 | 40.00 | 118.8 | 39.07 | 118.3 | 37.95 | 117.4 | 37.13 |
|        | -7                | -7.6     | 124.5                     | 40.89 | 124.5 | 40.13 | 123.8 | 39.14 | 123.8 | 38.25 | 121.6 | 37.20 | 119.2 | 36.03 |
|        | -5                | -5.6     | 131.3                     | 39.78 | 131.3 | 39.00 | 130.3 | 38.05 | 128.8 | 36.78 | 126.9 | 35.34 | 120.2 | 34.16 |
|        | -3                | -3.7     | 137.0                     | 38.42 | 136.3 | 37.46 | 133.4 | 36.00 | 131.4 | 34.69 | 129.4 | 33.64 | 120.2 | 32.18 |
|        | 0                 | -0.7     | 140.7                     | 35.27 | 140.0 | 34.44 | 137.0 | 33.66 | 133.6 | 32.59 | 129.4 | 31.41 | 120.2 | 30.77 |
|        | 3                 | 2.2      | 144.5                     | 33.63 | 143.8 | 32.82 | 138.2 | 31.53 | 133.6 | 30.55 | 129.4 | 30.09 | 120.2 | 29.52 |
|        | 5                 | 4.1      | 137.7                     | 29.41 | 135.6 | 28.36 | 129.7 | 27.29 | 125.1 | 26.70 | 120.8 | 26.29 | 111.6 | 25.65 |
|        | 7                 | 6        | 129.6                     | 25.32 | 127.1 | 24.37 | 121.0 | 23.66 | 116.3 | 23.09 | 112.0 | 22.73 | 102.6 | 22.04 |
|        | 9                 | 7.9      | 121.3                     | 22.14 | 118.4 | 21.25 | 111.9 | 20.52 | 107.3 | 19.96 | 102.9 | 19.58 | 93.40 | 18.84 |
|        | 11                | 9.8      | 112.8                     | 19.40 | 109.4 | 18.51 | 102.6 | 17.75 | 97.90 | 17.21 | 93.40 | 16.82 | 83.90 | 16.06 |
|        | 13                | 11.8     | 104.0                     | 16.79 | 100.0 | 15.94 | 93.00 | 15.18 | 88.20 | 14.64 | 83.70 | 14.26 | 74.10 | 13.47 |
|        | 15                | 13.7     | 94.80                     | 14.34 | 90.30 | 13.52 | 83.00 | 12.78 | 78.20 | 12.28 | 73.60 | 11.89 | 63.90 | 11.11 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 43.60                     | 37.54 | 43.60 | 38.03 | 43.40 | 38.49 | 43.40 | 39.24 | 43.40 | 39.78 | 42.90 | 40.00 |
|        | -24.8             | -25      | 72.70                     | 38.66 | 72.70 | 39.16 | 72.20 | 39.62 | 72.20 | 40.35 | 72.20 | 40.87 | 71.40 | 41.12 |
|        | -21.8             | -22      | 88.70                     | 39.31 | 88.70 | 39.80 | 88.20 | 40.26 | 88.20 | 41.00 | 88.20 | 41.50 | 87.30 | 41.75 |
|        | -19.8             | -20      | 93.80                     | 39.73 | 93.80 | 40.21 | 93.20 | 40.68 | 93.20 | 41.41 | 93.20 | 41.92 | 92.10 | 42.16 |
|        | -18.8             | -19      | 95.90                     | 39.94 | 95.90 | 40.42 | 95.40 | 40.89 | 95.40 | 41.62 | 95.40 | 42.13 | 94.40 | 41.62 |
|        | -16.7             | -17      | 100.7                     | 40.39 | 100.7 | 40.86 | 100.0 | 41.32 | 100.0 | 42.06 | 100.0 | 41.02 | 99.00 | 40.47 |
|        | -15               | -15.9    | 103.9                     | 40.69 | 103.9 | 41.16 | 103.2 | 41.63 | 103.2 | 41.22 | 103.2 | 40.23 | 102.7 | 39.65 |
|        | -13.7             | -15      | 107.2                     | 41.01 | 107.2 | 41.48 | 106.5 | 41.96 | 106.5 | 40.38 | 106.5 | 39.45 | 106.5 | 38.85 |
|        | -11.8             | -13      | 110.7                     | 41.42 | 110.7 | 41.89 | 110.2 | 40.79 | 110.2 | 39.34 | 110.2 | 38.43 | 108.2 | 37.14 |
|        | -9.8              | -11      | 114.6                     | 41.82 | 114.6 | 40.59 | 113.8 | 39.57 | 113.8 | 38.23 | 113.8 | 37.39 | 108.2 | 35.05 |
|        | -9.5              | -10      | 115.4                     | 41.61 | 115.4 | 40.39 | 114.9 | 39.38 | 114.9 | 38.07 | 114.9 | 37.23 | 108.2 | 34.53 |
|        | -8.5              | -9.1     | 118.8                     | 40.92 | 118.8 | 39.74 | 118.1 | 38.77 | 118.1 | 37.52 | 115.9 | 36.13 | 108.2 | 33.53 |
|        | -7                | -7.6     | 123.9                     | 39.87 | 123.9 | 38.76 | 121.8 | 37.45 | 119.9 | 35.73 | 115.9 | 34.29 | 108.2 | 32.60 |
|        | -5                | -5.6     | 130.5                     | 38.54 | 128.2 | 36.88 | 124.0 | 35.13 | 119.9 | 33.26 | 115.9 | 32.59 | 108.2 | 31.66 |
|        | -3                | -3.7     | 134.1                     | 36.42 | 130.7 | 34.64 | 124.0 | 33.16 | 119.9 | 32.02 | 115.9 | 31.42 | 108.2 | 30.72 |
|        | 0                 | -0.7     | 137.7                     | 33.54 | 132.1 | 32.25 | 124.0 | 31.29 | 119.9 | 30.57 | 115.9 | 30.05 | 108.2 | 29.30 |
|        | 3                 | 2.2      | 139.8                     | 31.28 | 132.1 | 30.14 | 124.0 | 29.68 | 119.9 | 29.14 | 115.9 | 28.69 | 108.2 | 27.91 |
|        | 5                 | 4.1      | 132.4                     | 26.95 | 124.5 | 26.38 | 116.4 | 25.92 | 112.3 | 25.44 | 108.2 | 25.02 | 100.4 | 24.14 |
|        | 7                 | 6        | 124.7                     | 23.41 | 116.8 | 22.86 | 108.5 | 22.41 | 104.4 | 22.02 | 100.3 | 21.61 | 92.40 | 20.68 |
|        | 9                 | 7.9      | 116.7                     | 20.45 | 108.7 | 19.89 | 100.4 | 19.37 | 96.30 | 18.97 | 92.10 | 18.57 | 84.10 | 17.63 |
|        | 11                | 9.8      | 108.5                     | 17.86 | 100.4 | 17.28 | 92.10 | 16.73 | 87.90 | 16.33 | 83.70 | 15.92 | 75.60 | 15.00 |
|        | 13                | 11.8     | 100.0                     | 15.42 | 91.90 | 14.83 | 83.50 | 14.27 | 79.20 | 13.87 | 75.00 | 13.47 | 66.60 | 12.57 |
|        | 15                | 13.7     | 91.20                     | 13.13 | 83.00 | 12.55 | 74.50 | 11.98 | 70.20 | 11.62 | 65.90 | 11.22 | 57.40 | 10.36 |
| 100    | -30               | -30.2    | 43.40                     | 42.64 | 43.40 | 42.63 | 43.10 | 38.02 | 43.10 | 42.58 | 43.10 | 41.68 | 42.60 | 42.57 |
|        | -24.8             | -25      | 72.30                     | 42.43 | 72.30 | 42.42 | 71.90 | 40.05 | 71.90 | 42.38 | 71.90 | 42.38 | 71.00 | 42.37 |
|        | -21.8             | -22      | 88.30                     | 42.31 | 88.30 | 42.29 | 87.80 | 41.22 | 87.80 | 42.27 | 87.80 | 42.78 | 86.90 | 42.26 |
|        | -19.8             | -20      | 93.40                     | 42.22 | 93.40 | 42.21 | 92.80 | 41.96 | 92.80 | 42.18 | 92.80 | 42.35 | 91.80 | 42.16 |
|        | -18.8             | -19      | 95.60                     | 42.18 | 95.00 | 42.18 | 95.00 | 42.16 | 95.00 | 42.14 | 95.00 | 42.13 | 94.00 | 41.50 |
|        | -16.7             | -17      | 99.50                     | 42.11 | 99.50 | 42.09 | 99.50 | 42.60 | 99.00 | 42.06 | 99.00 | 40.76 | 98.00 | 40.09 |
|        | -15               | -15.9    | 103.2                     | 42.03 | 103.2 | 42.02 | 102.8 | 42.27 | 102.6 | 41.07 | 102.6 | 39.76 | 98.80 | 38.06 |
|        | -13.7             | -15      | 106.7                     | 41.97 | 106.7 | 41.97 | 106.1 | 41.96 | 106.1 | 40.08 | 106.1 | 38.79 | 98.80 | 35.87 |
|        | -11.8             | -13      | 110.2                     | 41.91 | 109.6 | 41.89 | 109.6 | 40.65 | 109.6 | 38.83 | 106.2 | 36.38 | 98.80 | 34.12 |
|        | -9.8              | -11      | 113.9                     | 41.82 | 113.9 | 40.43 | 113.4 | 39.27 | 109.8 | 36.32 | 106.2 | 34.20 | 98.80 | 32.83 |
|        | -9.5              | -10      | 114.9                     | 41.59 | 114.9 | 40.21 | 113.4 | 38.71 | 109.8 | 35.82 | 106.2 | 33.81 | 98.80 | 32.65 |
|        | -8.5              | -9.1     | 118.2                     | 40.84 | 118.2 | 39.48 | 113.4 | 36.98 | 109.8 | 33.91 | 106.2 | 32.75 | 98.80 | 32.03 |
|        | -7                | -7.6     | 124.7                     | 39.54 | 120.6 | 37.12 | 113.4 | 34.53 | 109.8 | 33.00 | 106.2 | 31.85 | 98.80 | 31.12 |
|        | -5                | -5.6     | 127.7                     | 37.36 | 120.6 | 34.49 | 113.4 | 33.33 | 109.8 | 31.85 | 106.2 | 30.71 | 98.80 | 29.96 |
|        | -3                | -3.7     | 128.0                     | 35.05 | 120.6 | 32.96 | 113.4 | 32.13 | 109.8 | 30.70 | 106.2 | 29.57 | 98.80 | 28.79 |
|        | 0                 | -0.7     | 128.0                     | 32.05 | 120.6 | 31.02 | 113.4 | 30.30 | 109.8 | 28.97 | 106.2 | 27.86 | 98.80 | 27.03 |
|        | 3                 | 2.2      | 128.0                     | 30.05 | 120.6 | 29.10 | 113.4 | 28.49 | 109.8 | 27.24 | 106.2 | 26.14 | 98.80 | 25.28 |
|        | 5                 | 4.1      | 121.2                     | 26.26 | 113.7 | 25.33 | 106.4 | 24.73 | 102.8 | 23.60 | 99.20 | 22.56 | 91.60 | 21.62 |
|        | 7                 | 6        | 114.1                     | 22.72 | 106.6 | 21.84 | 99.30 | 21.26 | 95.60 | 20.24 | 92.00 | 19.27 | 84.40 | 18.30 |
|        | 9                 | 7.9      | 106.8                     | 19.76 | 99.30 | 18.91 | 91.80 | 18.31 | 88.20 | 17.37 | 84.40 | 16.49 | 76.80 | 15.55 |
|        | 11                | 9.8      | 99.40                     | 17.17 | 91.80 | 16.34 | 84.20 | 15.74 | 80.50 | 14.88 | 76.70 | 14.08 | 68.90 | 13.17 |
|        | 13                | 11.8     | 91.50                     | 14.75 | 83.90 | 13.96 | 76.30 | 13.36 | 72.50 | 12.59 | 68.70 | 11.85 | 60.80 | 11.00 |
|        | 15                | 13.7     | 83.50                     | 12.50 | 75.80 | 11.76 | 68.10 | 11.17 | 64.30 | 10.51 | 60.40 | 9.84  | 52.50 | 9.06  |
| 90     | -30               | -30.2    | 43.30                     | 36.90 | 43.30 | 37.62 | 43.00 | 38.14 | 43.00 | 38.38 | 43.00 | 38.90 | 42.50 | 43.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 72.10                     | 38.01 | 72.10 | 38.75 | 71.60 | 39.27 | 71.60 | 39.50 | 71.60 | 40.00 | 70.80 | 40.74 |
|        | -21.8             | -22      | 88.00                     | 38.64 | 88.00 | 39.39 | 87.40 | 39.91 | 87.40 | 40.14 | 87.40 | 40.64 | 86.50 | 38.96 |
|        | -19.8             | -20      | 93.10                     | 39.09 | 93.10 | 39.81 | 92.40 | 40.33 | 92.40 | 40.57 | 92.40 | 39.44 | 90.40 | 37.36 |
|        | -18.8             | -19      | 95.60                     | 39.29 | 95.00 | 40.02 | 94.70 | 40.53 | 94.70 | 39.95 | 94.70 | 38.83 | 90.40 | 35.91 |
|        | -16.7             | -17      | 99.50                     | 39.74 | 99.50 | 40.46 | 99.10 | 39.27 | 99.10 | 38.66 | 97.30 | 36.90 | 90.40 | 33.65 |
|        | -15               | -15.9    | 103.2                     | 40.05 | 103.2 | 39.53 | 102.4 | 38.37 | 100.6 | 37.08 | 97.30 | 35.15 | 90.40 | 32.64 |
|        | -13.7             | -15      | 106.7                     | 40.37 | 106.7 | 38.60 | 103.7 | 36.75 | 100.6 | 35.05 | 97.30 | 33.50 | 90.40 | 31.65 |
|        | -11.8             | -13      | 110.2                     | 39.11 | 109.6 | 37.42 | 103.7 | 34.51 | 100.6 | 33.41 | 97.30 | 32.08 | 90.40 | 30.62 |
|        | -9.8              | -11      | 113.9                     | 37.78 | 110.2 | 35.00 | 103.7 | 32.87 | 100.6 | 31.88 | 97.30 | 30.99 | 90.40 | 29.55 |
|        | -9.5              | -10      | 114.9                     | 37.58 | 110.2 | 34.52 | 103.7 | 32.50 | 100.6 | 31.71 | 97.30 | 30.82 | 90.40 | 29.39 |
|        | -8.5              | -9.1     | 117.0                     | 36.54 | 110.2 | 33.23 | 103.7 | 31.80 | 100.6 | 31.16 | 97.30 | 30.27 | 90.40 | 28.86 |
|        | -7                | -7.6     | 117.2                     | 33.62 | 110.2 | 31.89 | 103.7 | 30.97 | 100.6 | 30.33 | 97.30 | 29.45 | 90.40 | 28.05 |
|        | -5                | -5.6     | 117.2                     | 32.07 | 110.2 | 30.82 | 103.7 | 29.92 | 100.6 | 29.25 | 97.30 | 28.42 | 90.40 | 27.03 |
|        | -3                | -3.7     | 117.2                     | 30.91 | 110.2 | 29.73 | 103.7 | 28.88 | 100.6 | 28.18 | 97.30 | 27.37 | 90.40 | 26.01 |
|        | 0                 | -0.7     | 117.2                     | 29.16 | 110.2 | 28.09 | 103.7 | 27.32 | 100.6 | 26.58 | 97.30 | 25.81 | 90.40 | 24.48 |
|        | 3                 | 2.2      | 117.2                     | 27.41 | 110.2 | 26.47 | 103.7 | 25.75 | 100.6 | 24.98 | 97.30 | 24.24 | 90.40 | 22.94 |
|        | 5                 | 4.1      | 110.9                     | 24.03 | 103.9 | 23.15 | 97.40 | 22.44 | 94.20 | 21.68 | 90.80 | 20.97 | 83.90 | 19.70 |
|        | 7                 | 6        | 104.4                     | 20.88 | 97.40 | 20.09 | 90.80 | 19.37 | 87.60 | 18.63 | 84.20 | 17.98 | 77.20 | 16.77 |
|        | 9                 | 7.9      | 97.80                     | 18.03 | 90.70 | 17.27 | 84.10 | 16.58 | 80.80 | 15.89 | 77.30 | 15.28 | 70.20 | 14.16 |
|        | 11                | 9.8      | 90.90                     | 15.42 | 83.80 | 14.70 | 77.00 | 14.03 | 73.80 | 13.42 | 70.30 | 12.86 | 63.10 | 11.83 |
|        | 13                | 11.8     | 83.90                     | 13.05 | 76.70 | 12.38 | 69.80 | 11.75 | 66.40 | 11.19 | 62.90 | 10.70 | 55.70 | 9.75  |
|        | 15                | 13.7     | 76.50                     | 10.91 | 69.20 | 10.29 | 62.30 | 9.70  | 58.90 | 9.21  | 55.40 | 8.77  | 48.10 | 7.94  |
| 80     | -30               | -30.2    | 43.00                     | 32.30 | 43.00 | 33.05 | 42.80 | 33.60 | 42.80 | 32.95 | 42.80 | 38.94 | 42.30 | 37.35 |
|        | -24.8             | -25      | 71.80                     | 33.45 | 71.80 | 34.20 | 71.30 | 34.72 | 71.30 | 34.96 | 71.30 | 36.20 | 70.50 | 34.72 |
|        | -21.8             | -22      | 87.00                     | 34.11 | 87.00 | 34.85 | 87.00 | 35.37 | 87.00 | 36.11 | 86.20 | 34.33 | 80.80 | 31.44 |
|        | -19.8             | -20      | 92.10                     | 34.55 | 92.10 | 35.29 | 92.00 | 36.00 | 90.00 | 34.23 | 86.80 | 31.98 | 80.80 | 29.79 |
|        | -18.8             | -19      | 94.30                     | 34.77 | 94.30 | 36.02 | 92.90 | 34.99 | 90.00 | 32.99 | 86.80 | 31.15 | 80.80 | 29.33 |
|        | -16.7             | -17      | 98.10                     | 35.96 | 98.10 | 34.87 | 92.90 | 32.53 | 90.00 | 31.11 | 86.80 | 29.60 | 80.80 | 28.37 |
|        | -15               | -15.9    | 101.5                     | 35.11 | 98.80 | 33.47 | 92.90 | 31.36 | 90.00 | 30.20 | 86.80 | 28.88 | 80.80 | 27.67 |
|        | -13.7             | -15      | 103.4                     | 33.80 | 98.80 | 31.91 | 92.90 | 30.25 | 90.00 | 29.31 | 86.80 | 28.17 | 80.80 | 26.98 |
|        | -11.8             | -13      | 104.9                     | 32.39 | 98.80 | 30.48 | 92.90 | 29.28 | 90.00 | 28.38 | 86.80 | 27.26 | 80.80 | 26.12 |
|        | -9.8              | -11      | 104.9                     | 30.60 | 98.80 | 29.14 | 92.90 | 28.28 | 90.00 | 27.37 | 86.80 | 26.31 | 80.80 | 25.20 |
|        | -9.5              | -10      | 104.9                     | 30.23 | 98.80 | 28.80 | 92.90 | 28.12 | 90.00 | 27.22 | 86.80 | 26.17 | 80.80 | 25.06 |
|        | -8.5              | -9.1     | 104.9                     | 29.39 | 98.80 | 28.17 | 92.90 | 27.62 | 90.00 | 26.73 | 86.80 | 25.70 | 80.80 | 24.62 |
|        | -7                | -7.6     | 104.9                     | 28.26 | 98.80 | 27.41 | 92.90 | 26.87 | 90.00 | 25.97 | 86.80 | 25.00 | 80.80 | 23.92 |
|        | -5                | -5.6     | 104.9                     | 27.28 | 98.80 | 26.47 | 92.90 | 25.91 | 90.00 | 25.03 | 86.80 | 24.09 | 80.80 | 23.06 |
|        | -3                | -3.7     | 104.9                     | 26.29 | 98.80 | 25.52 | 92.90 | 24.96 | 90.00 | 24.07 | 86.80 | 23.19 | 80.80 | 22.19 |
|        | 0                 | -0.7     | 104.9                     | 24.82 | 98.80 | 24.10 | 92.90 | 23.52 | 90.00 | 22.66 | 86.80 | 21.83 | 80.80 | 20.88 |
|        | 3                 | 2.2      | 104.9                     | 23.35 | 98.80 | 22.67 | 92.90 | 22.08 | 90.00 | 21.22 | 86.80 | 20.50 | 80.80 | 19.59 |
|        | 5                 | 4.1      | 99.30                     | 20.52 | 93.20 | 19.84 | 87.20 | 19.22 | 84.30 | 18.41 | 81.00 | 17.76 | 75.00 | 16.86 |
|        | 7                 | 6        | 93.50                     | 17.88 | 87.30 | 17.23 | 81.40 | 16.59 | 78.30 | 15.82 | 75.10 | 15.23 | 69.00 | 14.39 |
|        | 9                 | 7.9      | 87.60                     | 15.21 | 81.30 | 14.61 | 75.30 | 13.99 | 72.20 | 13.31 | 69.00 | 12.78 | 62.80 | 11.99 |
|        | 11                | 9.8      | 81.40                     | 12.70 | 75.20 | 12.14 | 69.00 | 11.58 | 65.90 | 10.97 | 62.70 | 10.51 | 56.40 | 9.79  |
|        | 13                | 11.8     | 75.00                     | 10.59 | 68.70 | 10.07 | 62.50 | 9.56  | 59.40 | 9.03  | 56.20 | 8.63  | 49.80 | 7.97  |
|        | 15                | 13.7     | 68.40                     | 8.83  | 62.10 | 8.36  | 55.80 | 7.88  | 52.70 | 7.44  | 49.30 | 7.07  | 42.90 | 6.49  |
| 70     | -30               | -30.2    | 43.00                     | 32.57 | 43.00 | 32.84 | 42.80 | 33.34 | 42.80 | 38.16 | 42.80 | 36.36 | 42.30 | 34.77 |
|        | -24.8             | -25      | 71.80                     | 33.73 | 71.80 | 33.97 | 71.30 | 34.47 | 71.30 | 35.20 | 71.30 | 33.60 | 69.10 | 31.45 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 84.60                     | 34.39 | 83.90 | 34.20 | 79.00 | 32.92 | 76.30 | 31.01 | 74.00 | 29.62 | 69.10 | 28.27 |
|        | -19.8             | -20      | 88.90                     | 34.03 | 84.00 | 32.88 | 79.00 | 31.41 | 76.30 | 29.98 | 74.00 | 28.65 | 69.10 | 27.32 |
|        | -18.8             | -19      | 88.90                     | 33.34 | 84.00 | 31.97 | 79.00 | 30.87 | 76.30 | 29.45 | 74.00 | 28.16 | 69.10 | 26.84 |
|        | -16.7             | -17      | 88.90                     | 31.38 | 84.00 | 30.71 | 79.00 | 29.73 | 76.30 | 28.37 | 74.00 | 27.13 | 69.10 | 25.85 |
|        | -15               | -15.9    | 88.90                     | 30.49 | 84.00 | 29.88 | 79.00 | 28.91 | 76.30 | 27.58 | 74.00 | 26.40 | 69.10 | 25.15 |
|        | -13.7             | -15      | 88.90                     | 29.62 | 84.00 | 29.04 | 79.00 | 28.11 | 76.30 | 26.82 | 74.00 | 25.69 | 69.10 | 24.45 |
|        | -11.8             | -13      | 88.90                     | 28.57 | 84.00 | 27.99 | 79.00 | 27.08 | 76.30 | 25.84 | 74.00 | 24.77 | 69.10 | 23.55 |
|        | -9.8              | -11      | 88.90                     | 27.49 | 84.00 | 26.87 | 79.00 | 26.00 | 76.30 | 24.81 | 74.00 | 23.80 | 69.10 | 22.62 |
|        | -9.5              | -10      | 88.90                     | 27.33 | 84.00 | 26.71 | 79.00 | 25.84 | 76.30 | 24.66 | 74.00 | 23.66 | 69.10 | 22.48 |
|        | -8.5              | -9.1     | 88.90                     | 26.77 | 84.00 | 26.15 | 79.00 | 25.31 | 76.30 | 24.16 | 74.00 | 23.18 | 69.10 | 22.02 |
|        | -7                | -7.6     | 88.90                     | 25.96 | 84.00 | 25.34 | 79.00 | 24.52 | 76.30 | 23.39 | 74.00 | 22.46 | 69.10 | 21.32 |
|        | -5                | -5.6     | 88.90                     | 24.92 | 84.00 | 24.27 | 79.00 | 23.47 | 76.30 | 22.41 | 74.00 | 21.55 | 69.10 | 20.44 |
|        | -3                | -3.7     | 88.90                     | 23.88 | 84.00 | 23.22 | 79.00 | 22.45 | 76.30 | 21.43 | 74.00 | 20.62 | 69.10 | 19.54 |
|        | 0                 | -0.7     | 88.90                     | 22.31 | 84.00 | 21.63 | 79.00 | 20.91 | 76.30 | 19.96 | 74.00 | 19.24 | 69.10 | 18.20 |
|        | 3                 | 2.2      | 88.90                     | 20.74 | 84.00 | 20.04 | 79.00 | 19.37 | 76.30 | 18.49 | 74.00 | 17.87 | 69.10 | 16.86 |
|        | 5                 | 4.1      | 84.20                     | 18.11 | 79.20 | 17.38 | 74.10 | 16.74 | 71.40 | 15.94 | 69.10 | 15.40 | 64.10 | 14.44 |
|        | 7                 | 6        | 79.20                     | 15.67 | 74.30 | 14.95 | 69.10 | 14.34 | 66.40 | 13.62 | 64.10 | 13.16 | 59.00 | 12.24 |
|        | 9                 | 7.9      | 74.20                     | 12.88 | 69.10 | 12.22 | 64.00 | 11.66 | 61.20 | 11.07 | 58.90 | 10.65 | 53.70 | 9.86  |
|        | 11                | 9.8      | 69.00                     | 10.81 | 63.90 | 10.23 | 58.70 | 9.73  | 55.90 | 9.20  | 53.50 | 8.83  | 48.20 | 8.12  |
|        | 13                | 11.8     | 63.50                     | 9.08  | 58.40 | 8.55  | 53.10 | 8.09  | 50.40 | 7.64  | 47.90 | 7.31  | 42.60 | 6.69  |
|        | 15                | 13.7     | 58.00                     | 7.62  | 52.70 | 7.15  | 47.50 | 6.74  | 44.60 | 6.34  | 42.10 | 6.05  | 36.70 | 5.50  |
| 60     | -30               | -30.2    | 42.70                     | 32.07 | 42.70 | 32.56 | 42.40 | 37.61 | 41.60 | 35.69 | 40.80 | 33.91 | 38.40 | 32.31 |
|        | -24.8             | -25      | 71.10                     | 33.22 | 71.10 | 33.72 | 67.70 | 33.05 | 65.50 | 30.93 | 63.20 | 28.95 | 59.20 | 27.41 |
|        | -21.8             | -22      | 76.30                     | 33.19 | 72.20 | 31.83 | 67.70 | 30.24 | 65.50 | 28.75 | 63.20 | 27.34 | 59.20 | 25.98 |
|        | -19.8             | -20      | 76.30                     | 31.78 | 72.20 | 30.66 | 67.70 | 29.13 | 65.50 | 27.70 | 63.20 | 26.35 | 59.20 | 25.03 |
|        | -18.8             | -19      | 76.30                     | 31.18 | 72.20 | 30.07 | 67.70 | 28.59 | 65.50 | 27.20 | 63.20 | 25.86 | 59.20 | 24.54 |
|        | -16.7             | -17      | 76.30                     | 29.96 | 72.20 | 28.85 | 67.70 | 27.42 | 65.50 | 26.10 | 63.20 | 24.84 | 59.20 | 23.55 |
|        | -15               | -15.9    | 76.30                     | 29.08 | 72.20 | 27.98 | 67.70 | 26.59 | 65.50 | 25.32 | 63.20 | 24.11 | 59.20 | 22.84 |
|        | -13.7             | -15      | 76.30                     | 28.22 | 72.20 | 27.12 | 67.70 | 25.77 | 65.50 | 24.55 | 63.20 | 23.39 | 59.20 | 22.14 |
|        | -11.8             | -13      | 76.30                     | 27.12 | 72.20 | 26.02 | 67.70 | 24.74 | 65.50 | 23.57 | 63.20 | 22.46 | 59.20 | 21.24 |
|        | -9.8              | -11      | 76.30                     | 25.95 | 72.20 | 24.87 | 67.70 | 23.65 | 65.50 | 22.55 | 63.20 | 21.50 | 59.20 | 20.31 |
|        | -9.5              | -10      | 76.30                     | 25.78 | 72.20 | 24.70 | 67.70 | 23.50 | 65.50 | 22.40 | 63.20 | 21.34 | 59.20 | 20.16 |
|        | -8.5              | -9.1     | 76.30                     | 25.21 | 72.20 | 24.13 | 67.70 | 22.95 | 65.50 | 21.90 | 63.20 | 20.87 | 59.20 | 19.70 |
|        | -7                | -7.6     | 76.30                     | 24.36 | 72.20 | 23.28 | 67.70 | 22.14 | 65.50 | 21.12 | 63.20 | 20.15 | 59.20 | 19.00 |
|        | -5                | -5.6     | 76.30                     | 23.24 | 72.20 | 22.16 | 67.70 | 21.09 | 65.50 | 20.14 | 63.20 | 19.22 | 59.20 | 18.11 |
|        | -3                | -3.7     | 76.30                     | 22.14 | 72.20 | 21.06 | 67.70 | 20.05 | 65.50 | 19.16 | 63.20 | 18.29 | 59.20 | 17.20 |
|        | 0                 | -0.7     | 76.30                     | 20.47 | 72.20 | 19.40 | 67.70 | 18.48 | 65.50 | 17.68 | 63.20 | 16.91 | 59.20 | 15.85 |
|        | 3                 | 2.2      | 76.30                     | 18.81 | 72.20 | 17.75 | 67.70 | 16.90 | 65.50 | 16.21 | 63.20 | 15.51 | 59.20 | 14.50 |
|        | 5                 | 4.1      | 72.20                     | 16.31 | 68.10 | 15.29 | 63.60 | 14.52 | 61.30 | 13.90 | 59.00 | 13.30 | 54.90 | 12.34 |
|        | 7                 | 6        | 68.00                     | 14.02 | 63.90 | 13.04 | 59.30 | 12.35 | 57.00 | 11.82 | 54.70 | 11.28 | 50.60 | 10.40 |
|        | 9                 | 7.9      | 63.70                     | 11.40 | 59.40 | 10.58 | 54.90 | 9.97  | 52.60 | 9.53  | 50.20 | 9.08  | 46.00 | 8.33  |
|        | 11                | 9.8      | 59.20                     | 9.66  | 54.90 | 8.93  | 50.30 | 8.38  | 48.00 | 8.01  | 45.60 | 7.61  | 41.40 | 6.93  |
|        | 13                | 11.8     | 54.50                     | 8.16  | 50.20 | 7.51  | 45.60 | 7.05  | 43.20 | 6.70  | 40.90 | 6.35  | 36.50 | 5.76  |
|        | 15                | 13.7     | 49.80                     | 6.92  | 45.40 | 6.35  | 40.70 | 5.92  | 38.30 | 5.62  | 36.00 | 5.33  | 31.50 | 4.81  |
| 50     | -30               | -30.2    | 41.30                     | 28.33 | 39.00 | 33.04 | 36.60 | 31.33 | 35.50 | 29.76 | 34.20 | 28.18 | 32.00 | 26.84 |
|        | -24.8             | -25      | 63.70                     | 27.30 | 60.10 | 27.97 | 56.50 | 26.53 | 54.70 | 25.19 | 52.80 | 23.91 | 49.20 | 22.72 |
|        | -21.8             | -22      | 63.70                     | 27.90 | 60.10 | 26.47 | 56.50 | 25.13 | 54.70 | 23.85 | 52.80 | 22.67 | 49.20 | 21.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 63.70                     | 26.85 | 60.10 | 25.47 | 56.50 | 24.18 | 54.70 | 22.97 | 52.80 | 21.84 | 49.20 | 20.71 |
|        | -18.8             | -19      | 63.70                     | 26.35 | 60.10 | 24.97 | 56.50 | 23.74 | 54.70 | 22.52 | 52.80 | 21.42 | 49.20 | 20.33 |
|        | -16.7             | -17      | 63.70                     | 25.26 | 60.10 | 23.94 | 56.50 | 22.75 | 54.70 | 21.59 | 52.80 | 20.56 | 49.20 | 19.49 |
|        | -15               | -15.9    | 63.70                     | 24.48 | 60.10 | 23.19 | 56.50 | 22.05 | 54.70 | 20.93 | 52.80 | 19.94 | 49.20 | 18.88 |
|        | -13.7             | -15      | 63.70                     | 23.71 | 60.10 | 22.45 | 56.50 | 21.35 | 54.70 | 20.27 | 52.80 | 19.33 | 49.20 | 18.30 |
|        | -11.8             | -13      | 63.70                     | 22.73 | 60.10 | 21.52 | 56.50 | 20.49 | 54.70 | 19.45 | 52.80 | 18.56 | 49.20 | 17.55 |
|        | -9.8              | -11      | 63.70                     | 21.72 | 60.10 | 20.54 | 56.50 | 19.56 | 54.70 | 18.57 | 52.80 | 17.74 | 49.20 | 16.77 |
|        | -9.5              | -10      | 63.70                     | 21.57 | 60.10 | 20.39 | 56.50 | 19.42 | 54.70 | 18.45 | 52.80 | 17.62 | 49.20 | 16.65 |
|        | -8.5              | -9.1     | 63.70                     | 21.06 | 60.10 | 19.89 | 56.50 | 18.97 | 54.70 | 18.01 | 52.80 | 17.22 | 49.20 | 16.25 |
|        | -7                | -7.6     | 63.70                     | 20.28 | 60.10 | 19.17 | 56.50 | 18.29 | 54.70 | 17.36 | 52.80 | 16.61 | 49.20 | 15.67 |
|        | -5                | -5.6     | 63.70                     | 19.30 | 60.10 | 18.23 | 56.50 | 17.40 | 54.70 | 16.53 | 52.80 | 15.82 | 49.20 | 14.92 |
|        | -3                | -3.7     | 63.70                     | 18.34 | 60.10 | 17.28 | 56.50 | 16.52 | 54.70 | 15.68 | 52.80 | 15.03 | 49.20 | 14.16 |
|        | 0                 | -0.7     | 63.70                     | 16.85 | 60.10 | 15.85 | 56.50 | 15.19 | 54.70 | 14.42 | 52.80 | 13.87 | 49.20 | 13.03 |
|        | 3                 | 2.2      | 63.70                     | 15.38 | 60.10 | 14.44 | 56.50 | 13.86 | 54.70 | 13.16 | 52.80 | 12.69 | 49.20 | 11.90 |
|        | 5                 | 4.1      | 60.30                     | 13.30 | 56.70 | 12.44 | 53.10 | 11.93 | 51.30 | 11.30 | 49.30 | 10.91 | 45.60 | 10.16 |
|        | 7                 | 6        | 56.80                     | 11.41 | 53.10 | 10.61 | 49.50 | 10.16 | 47.70 | 9.62  | 45.70 | 9.29  | 42.00 | 8.60  |
|        | 9                 | 7.9      | 53.10                     | 9.45  | 49.50 | 8.77  | 45.70 | 8.36  | 43.90 | 7.90  | 42.00 | 7.61  | 38.20 | 7.02  |
|        | 11                | 9.8      | 49.50                     | 8.07  | 45.70 | 7.46  | 41.90 | 7.10  | 40.10 | 6.69  | 38.20 | 6.44  | 34.40 | 5.90  |
|        | 13                | 11.8     | 45.50                     | 6.88  | 41.80 | 6.35  | 38.00 | 6.03  | 36.10 | 5.67  | 34.20 | 5.44  | 30.30 | 4.97  |
|        | 15                | 13.7     | 41.60                     | 5.90  | 37.80 | 5.43  | 34.00 | 5.13  | 32.00 | 4.82  | 30.10 | 4.62  | 26.10 | 4.20  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM380LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 48.60                     | 39.66 | 48.60 | 39.84 | 48.20 | 40.01 | 48.20 | 40.26 | 48.20 | 40.53 | 47.30 | 40.88 |
|        | -24.8             | -25      | 80.90                     | 40.19 | 80.90 | 40.37 | 80.30 | 40.54 | 80.30 | 40.79 | 80.30 | 41.04 | 78.90 | 41.41 |
|        | -21.8             | -22      | 97.20                     | 40.49 | 97.20 | 40.68 | 96.60 | 40.85 | 96.60 | 41.10 | 96.60 | 41.33 | 94.70 | 41.72 |
|        | -19.8             | -20      | 102.0                     | 40.70 | 102.0 | 40.88 | 101.3 | 41.04 | 101.3 | 41.30 | 101.3 | 41.53 | 99.30 | 41.91 |
|        | -18.8             | -19      | 104.0                     | 40.78 | 104.0 | 40.98 | 103.4 | 41.14 | 103.4 | 41.39 | 103.4 | 41.63 | 101.4 | 42.01 |
|        | -16.7             | -17      | 108.4                     | 41.01 | 108.4 | 41.19 | 107.7 | 41.35 | 107.7 | 41.60 | 107.7 | 41.83 | 105.7 | 42.22 |
|        | -15               | -15.9    | 111.6                     | 41.14 | 111.6 | 41.33 | 110.8 | 41.49 | 110.8 | 41.74 | 110.8 | 41.98 | 108.8 | 41.35 |
|        | -13.7             | -15      | 114.8                     | 41.30 | 114.8 | 41.48 | 114.1 | 41.64 | 114.1 | 41.89 | 114.1 | 42.14 | 111.9 | 40.50 |
|        | -11.8             | -13      | 118.5                     | 41.48 | 118.5 | 41.66 | 117.7 | 41.83 | 117.7 | 42.09 | 117.7 | 40.97 | 115.7 | 39.41 |
|        | -9.8              | -11      | 122.4                     | 41.68 | 122.4 | 41.87 | 121.7 | 42.03 | 121.7 | 40.86 | 121.7 | 39.78 | 119.8 | 38.29 |
|        | -9.5              | -10      | 123.1                     | 41.72 | 123.1 | 41.89 | 122.4 | 41.84 | 122.4 | 40.67 | 122.3 | 39.60 | 120.4 | 38.12 |
|        | -8.5              | -9.1     | 125.5                     | 41.81 | 125.5 | 42.00 | 124.7 | 41.21 | 124.7 | 40.07 | 124.1 | 39.00 | 122.5 | 37.56 |
|        | -7                | -7.6     | 129.1                     | 41.96 | 129.1 | 41.07 | 128.3 | 40.27 | 128.3 | 39.14 | 128.3 | 38.10 | 125.6 | 36.70 |
|        | -5                | -5.6     | 133.8                     | 40.81 | 133.8 | 39.90 | 133.0 | 39.09 | 133.0 | 37.98 | 133.0 | 36.94 | 129.6 | 35.63 |
|        | -3                | -3.7     | 138.6                     | 39.65 | 138.6 | 38.71 | 137.7 | 37.87 | 137.7 | 36.80 | 137.7 | 35.79 | 133.7 | 34.55 |
|        | 0                 | -0.7     | 145.6                     | 37.94 | 145.6 | 36.96 | 144.8 | 36.07 | 144.8 | 35.05 | 144.8 | 34.07 | 135.1 | 31.79 |
|        | 3                 | 2.2      | 152.9                     | 36.22 | 152.9 | 35.19 | 151.9 | 34.28 | 150.4 | 32.97 | 145.2 | 30.92 | 135.1 | 29.69 |
|        | 5                 | 4.1      | 146.5                     | 31.39 | 145.9 | 30.29 | 144.8 | 29.43 | 140.9 | 27.80 | 135.5 | 26.60 | 125.4 | 25.62 |
|        | 7                 | 6        | 137.9                     | 26.67 | 136.8 | 25.60 | 135.1 | 24.68 | 131.0 | 23.65 | 125.6 | 22.82 | 115.3 | 21.85 |
|        | 9                 | 7.9      | 129.1                     | 23.18 | 127.3 | 22.12 | 125.0 | 21.15 | 120.8 | 20.35 | 115.4 | 19.56 | 105.0 | 18.59 |
|        | 11                | 9.8      | 120.1                     | 20.22 | 117.6 | 19.18 | 114.6 | 18.23 | 110.2 | 17.48 | 104.9 | 16.74 | 94.30 | 15.76 |
|        | 13                | 11.8     | 110.6                     | 17.41 | 107.6 | 16.43 | 103.8 | 15.48 | 99.30 | 14.79 | 93.90 | 14.10 | 83.20 | 13.13 |
|        | 15                | 13.7     | 100.9                     | 14.79 | 97.10 | 13.85 | 92.70 | 12.95 | 88.10 | 12.32 | 82.50 | 11.68 | 71.80 | 10.75 |
| 120    | -30               | -30.2    | 48.20                     | 39.84 | 48.20 | 40.01 | 47.90 | 40.26 | 47.90 | 40.53 | 47.90 | 40.88 | 46.90 | 41.17 |
|        | -24.8             | -25      | 80.30                     | 40.37 | 80.30 | 40.54 | 79.80 | 40.79 | 79.80 | 41.04 | 79.80 | 41.41 | 78.20 | 41.68 |
|        | -21.8             | -22      | 96.60                     | 40.68 | 96.60 | 40.85 | 95.90 | 41.10 | 95.90 | 41.33 | 95.90 | 41.72 | 94.10 | 41.97 |
|        | -19.8             | -20      | 101.2                     | 40.88 | 101.2 | 41.04 | 100.5 | 41.30 | 100.5 | 41.53 | 100.5 | 41.91 | 98.60 | 42.16 |
|        | -18.8             | -19      | 103.3                     | 40.98 | 103.3 | 41.14 | 102.6 | 41.39 | 102.6 | 41.63 | 102.6 | 42.01 | 100.8 | 42.27 |
|        | -16.7             | -17      | 107.7                     | 41.19 | 107.7 | 41.35 | 107.0 | 41.60 | 107.0 | 41.83 | 107.0 | 42.22 | 104.9 | 41.15 |
|        | -15               | -15.9    | 110.8                     | 41.33 | 110.8 | 41.49 | 110.1 | 41.74 | 110.1 | 41.98 | 110.1 | 41.39 | 108.0 | 40.36 |
|        | -13.7             | -15      | 113.9                     | 41.48 | 113.9 | 41.64 | 113.2 | 41.89 | 113.2 | 42.14 | 113.2 | 40.56 | 111.1 | 39.59 |
|        | -11.8             | -13      | 117.7                     | 41.66 | 117.7 | 41.83 | 116.8 | 42.09 | 116.8 | 40.97 | 116.8 | 39.54 | 115.0 | 38.58 |
|        | -9.8              | -11      | 121.4                     | 41.87 | 121.4 | 42.03 | 120.7 | 40.81 | 120.7 | 39.76 | 120.7 | 38.44 | 119.0 | 37.55 |
|        | -9.5              | -10      | 122.3                     | 41.89 | 122.3 | 41.83 | 121.4 | 40.62 | 121.4 | 39.58 | 121.4 | 38.27 | 119.6 | 37.39 |
|        | -8.5              | -9.1     | 124.5                     | 42.00 | 124.5 | 41.15 | 123.9 | 39.98 | 123.9 | 38.97 | 123.7 | 37.74 | 121.7 | 36.87 |
|        | -7                | -7.6     | 128.1                     | 41.00 | 128.1 | 40.15 | 127.3 | 39.05 | 127.3 | 38.07 | 126.9 | 36.92 | 124.6 | 36.07 |
|        | -5                | -5.6     | 132.9                     | 39.70 | 132.9 | 38.85 | 132.0 | 37.81 | 132.0 | 36.89 | 132.0 | 35.88 | 126.9 | 34.57 |
|        | -3                | -3.7     | 137.6                     | 38.42 | 137.6 | 37.58 | 136.8 | 36.60 | 136.8 | 35.74 | 136.6 | 34.81 | 126.9 | 32.55 |
|        | 0                 | -0.7     | 144.7                     | 36.50 | 144.7 | 35.64 | 143.8 | 34.78 | 141.0 | 33.33 | 136.6 | 31.61 | 126.9 | 30.95 |
|        | 3                 | 2.2      | 151.9                     | 34.56 | 151.8 | 33.69 | 145.9 | 31.88 | 141.0 | 30.61 | 136.6 | 30.11 | 126.9 | 29.52 |
|        | 5                 | 4.1      | 145.3                     | 29.81 | 143.1 | 28.59 | 137.0 | 27.25 | 132.0 | 26.64 | 127.5 | 26.23 | 117.8 | 25.57 |
|        | 7                 | 6        | 136.8                     | 25.20 | 134.2 | 24.22 | 127.7 | 23.51 | 122.8 | 22.94 | 118.2 | 22.60 | 108.3 | 21.91 |
|        | 9                 | 7.9      | 128.1                     | 21.89 | 125.0 | 21.01 | 118.2 | 20.29 | 113.2 | 19.74 | 108.6 | 19.37 | 98.60 | 18.64 |
|        | 11                | 9.8      | 119.1                     | 19.08 | 115.5 | 18.22 | 108.3 | 17.48 | 103.4 | 16.94 | 98.60 | 16.56 | 88.60 | 15.81 |
|        | 13                | 11.8     | 109.8                     | 16.43 | 105.6 | 15.60 | 98.20 | 14.86 | 93.10 | 14.34 | 88.30 | 13.96 | 78.20 | 13.20 |
|        | 15                | 13.7     | 100.1                     | 13.95 | 95.40 | 13.15 | 87.60 | 12.44 | 82.50 | 11.95 | 77.70 | 11.57 | 67.40 | 10.82 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 48.00                     | 40.01 | 48.00 | 40.26 | 47.60 | 40.53 | 47.60 | 40.88 | 47.60 | 41.17 | 46.70 | 41.26 |
|        | -24.8             | -25      | 79.90                     | 40.54 | 79.90 | 40.79 | 79.40 | 41.04 | 79.40 | 41.41 | 79.40 | 41.68 | 77.80 | 41.79 |
|        | -21.8             | -22      | 96.00                     | 40.85 | 96.00 | 41.10 | 95.30 | 41.33 | 95.30 | 41.72 | 95.30 | 41.97 | 93.60 | 42.10 |
|        | -19.8             | -20      | 100.7                     | 41.04 | 100.7 | 41.30 | 100.0 | 41.53 | 100.0 | 41.91 | 100.0 | 42.16 | 98.00 | 42.30 |
|        | -18.8             | -19      | 102.7                     | 41.14 | 102.7 | 41.39 | 102.1 | 41.63 | 102.1 | 42.01 | 102.1 | 42.27 | 100.1 | 41.71 |
|        | -16.7             | -17      | 107.1                     | 41.35 | 107.1 | 41.60 | 106.3 | 41.83 | 106.3 | 42.22 | 106.3 | 41.07 | 104.3 | 40.49 |
|        | -15               | -15.9    | 110.1                     | 41.49 | 110.1 | 41.74 | 109.4 | 41.98 | 109.4 | 41.31 | 109.4 | 40.23 | 108.4 | 39.62 |
|        | -13.7             | -15      | 113.2                     | 41.64 | 113.2 | 41.89 | 112.5 | 42.14 | 112.5 | 40.41 | 112.5 | 39.38 | 112.5 | 38.76 |
|        | -11.8             | -13      | 116.9                     | 41.83 | 116.9 | 42.09 | 116.2 | 40.86 | 116.2 | 39.28 | 116.2 | 38.31 | 114.2 | 37.00 |
|        | -9.8              | -11      | 120.8                     | 42.03 | 120.8 | 40.67 | 120.1 | 39.54 | 120.1 | 38.09 | 120.1 | 37.18 | 114.2 | 35.06 |
|        | -9.5              | -10      | 121.4                     | 41.80 | 121.4 | 40.45 | 120.8 | 39.35 | 120.8 | 37.92 | 120.8 | 37.01 | 114.2 | 34.50 |
|        | -8.5              | -9.1     | 123.9                     | 41.04 | 123.9 | 39.74 | 123.2 | 38.69 | 123.2 | 37.31 | 122.3 | 36.19 | 114.2 | 33.95 |
|        | -7                | -7.6     | 127.5                     | 39.89 | 127.5 | 38.67 | 126.7 | 37.69 | 126.6 | 36.40 | 122.3 | 34.40 | 114.2 | 33.14 |
|        | -5                | -5.6     | 132.1                     | 38.42 | 132.1 | 37.32 | 130.9 | 36.33 | 126.6 | 34.03 | 122.3 | 32.78 | 114.2 | 32.09 |
|        | -3                | -3.7     | 136.8                     | 36.94 | 136.8 | 35.95 | 130.9 | 33.83 | 126.6 | 32.40 | 122.3 | 31.75 | 114.2 | 31.05 |
|        | 0                 | -0.7     | 143.8                     | 34.74 | 139.5 | 32.89 | 130.9 | 31.56 | 126.6 | 30.78 | 122.3 | 30.23 | 114.2 | 29.48 |
|        | 3                 | 2.2      | 147.6                     | 31.81 | 139.5 | 30.24 | 130.9 | 29.74 | 126.6 | 29.17 | 122.3 | 28.70 | 114.2 | 27.92 |
|        | 5                 | 4.1      | 139.8                     | 26.92 | 131.5 | 26.34 | 122.9 | 25.86 | 118.6 | 25.38 | 114.2 | 24.94 | 106.0 | 24.07 |
|        | 7                 | 6        | 131.6                     | 23.26 | 123.3 | 22.72 | 114.6 | 22.27 | 110.2 | 21.88 | 105.8 | 21.48 | 97.50 | 20.56 |
|        | 9                 | 7.9      | 123.2                     | 20.23 | 114.8 | 19.67 | 106.0 | 19.17 | 101.7 | 18.78 | 97.20 | 18.38 | 88.70 | 17.45 |
|        | 11                | 9.8      | 114.5                     | 17.59 | 106.1 | 17.01 | 97.30 | 16.47 | 92.80 | 16.08 | 88.30 | 15.68 | 79.80 | 14.77 |
| 100    | 13                | 11.8     | 105.6                     | 15.10 | 97.10 | 14.52 | 88.10 | 13.97 | 83.60 | 13.59 | 79.10 | 13.20 | 70.30 | 12.32 |
|        | 15                | 13.7     | 96.30                     | 12.78 | 87.60 | 12.22 | 78.60 | 11.67 | 74.10 | 11.31 | 69.50 | 10.93 | 60.60 | 10.10 |
|        | -30               | -30.2    | 47.60                     | 43.78 | 47.60 | 43.69 | 47.40 | 38.44 | 47.40 | 43.36 | 47.40 | 42.60 | 46.50 | 43.18 |
|        | -24.8             | -25      | 79.50                     | 43.33 | 79.50 | 43.22 | 79.10 | 40.54 | 79.10 | 42.91 | 79.10 | 42.80 | 77.40 | 42.73 |
|        | -21.8             | -22      | 95.50                     | 43.08 | 95.50 | 42.95 | 94.90 | 41.74 | 94.90 | 42.66 | 94.90 | 42.91 | 93.20 | 42.48 |
|        | -19.8             | -20      | 100.2                     | 42.90 | 100.2 | 42.78 | 99.50 | 42.48 | 99.50 | 42.47 | 99.50 | 42.49 | 97.70 | 42.30 |
|        | -18.8             | -19      | 102.3                     | 42.81 | 101.7 | 42.70 | 101.7 | 42.57 | 101.7 | 42.38 | 101.7 | 42.27 | 99.70 | 41.59 |
|        | -16.7             | -17      | 105.9                     | 42.63 | 105.9 | 42.50 | 105.9 | 42.77 | 105.4 | 42.22 | 105.4 | 40.82 | 103.4 | 40.13 |
|        | -15               | -15.9    | 109.4                     | 42.49 | 109.4 | 42.37 | 109.0 | 42.45 | 108.8 | 41.16 | 108.8 | 39.78 | 104.3 | 38.22 |
|        | -13.7             | -15      | 112.7                     | 42.36 | 112.7 | 42.25 | 112.1 | 42.14 | 112.1 | 40.11 | 112.1 | 38.75 | 104.3 | 36.09 |
|        | -11.8             | -13      | 116.3                     | 42.21 | 115.7 | 42.09 | 115.7 | 40.73 | 115.7 | 38.79 | 112.1 | 36.28 | 104.3 | 34.83 |
|        | -9.8              | -11      | 120.2                     | 42.03 | 120.2 | 40.52 | 119.7 | 39.26 | 115.9 | 36.21 | 112.1 | 34.24 | 104.3 | 33.51 |
|        | -9.5              | -10      | 120.8                     | 41.78 | 120.8 | 40.27 | 119.7 | 38.82 | 115.9 | 35.82 | 112.1 | 34.05 | 104.3 | 33.31 |
|        | -8.5              | -9.1     | 123.3                     | 40.97 | 123.3 | 39.50 | 119.7 | 37.38 | 115.9 | 34.63 | 112.1 | 33.39 | 104.3 | 32.65 |
|        | -7                | -7.6     | 128.8                     | 39.72 | 127.3 | 38.01 | 119.7 | 35.29 | 115.9 | 33.65 | 112.1 | 32.43 | 104.3 | 31.66 |
|        | -5                | -5.6     | 134.6                     | 38.15 | 127.3 | 35.18 | 119.7 | 33.95 | 115.9 | 32.37 | 112.1 | 31.18 | 104.3 | 30.40 |
|        | -3                | -3.7     | 135.1                     | 35.70 | 127.3 | 33.50 | 119.7 | 32.61 | 115.9 | 31.10 | 112.1 | 29.93 | 104.3 | 29.13 |
|        | 0                 | -0.7     | 135.1                     | 32.44 | 127.3 | 31.34 | 119.7 | 30.58 | 115.9 | 29.19 | 112.1 | 28.04 | 104.3 | 27.22 |
|        | 3                 | 2.2      | 135.1                     | 30.18 | 127.3 | 29.19 | 119.7 | 28.56 | 115.9 | 27.29 | 112.1 | 26.18 | 104.3 | 25.30 |
|        | 5                 | 4.1      | 127.9                     | 26.23 | 120.1 | 25.30 | 112.3 | 24.69 | 108.5 | 23.55 | 104.7 | 22.51 | 96.70 | 21.57 |
|        | 7                 | 6        | 120.5                     | 22.59 | 112.5 | 21.71 | 104.8 | 21.13 | 100.9 | 20.12 | 97.10 | 19.16 | 89.10 | 18.19 |
| 90     | 9                 | 7.9      | 112.7                     | 19.47 | 104.8 | 18.64 | 96.90 | 18.06 | 93.10 | 17.13 | 89.10 | 16.26 | 81.10 | 15.34 |
|        | 11                | 9.8      | 104.9                     | 16.78 | 96.90 | 15.96 | 88.90 | 15.38 | 84.90 | 14.55 | 80.90 | 13.75 | 72.80 | 12.88 |
|        | 13                | 11.8     | 96.60                     | 14.27 | 88.50 | 13.50 | 80.60 | 12.92 | 76.60 | 12.18 | 72.50 | 11.48 | 64.20 | 10.65 |
|        | 15                | 13.7     | 88.10                     | 11.95 | 80.00 | 11.25 | 71.90 | 10.68 | 67.80 | 10.05 | 63.80 | 9.41  | 55.40 | 8.67  |
| 90     | -30               | -30.2    | 47.60                     | 38.93 | 47.60 | 39.29 | 47.30 | 39.56 | 47.30 | 39.68 | 47.30 | 39.96 | 46.30 | 44.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 79.30                     | 39.45 | 79.30 | 39.83 | 78.80 | 40.09 | 78.80 | 40.22 | 78.80 | 40.47 | 77.20 | 40.85 |
|        | -21.8             | -22      | 95.10                     | 39.74 | 95.10 | 40.13 | 94.50 | 40.40 | 94.50 | 40.52 | 94.50 | 40.78 | 92.80 | 39.00 |
|        | -19.8             | -20      | 99.80                     | 39.96 | 99.80 | 40.32 | 99.10 | 40.60 | 99.10 | 40.72 | 99.10 | 39.51 | 95.40 | 37.03 |
|        | -18.8             | -19      | 102.3                     | 40.06 | 101.7 | 40.43 | 101.3 | 40.69 | 101.3 | 40.07 | 101.3 | 38.88 | 95.40 | 35.73 |
|        | -16.7             | -17      | 105.9                     | 40.27 | 105.9 | 40.64 | 105.5 | 39.35 | 105.5 | 38.71 | 102.8 | 36.63 | 95.40 | 34.06 |
|        | -15               | -15.9    | 109.4                     | 40.41 | 109.4 | 39.65 | 108.6 | 38.40 | 106.2 | 36.92 | 102.8 | 35.23 | 95.40 | 33.19 |
|        | -13.7             | -15      | 112.7                     | 40.56 | 112.7 | 38.65 | 109.5 | 36.71 | 106.2 | 34.98 | 102.8 | 33.88 | 95.40 | 32.33 |
|        | -11.8             | -13      | 116.3                     | 39.21 | 115.7 | 37.40 | 109.5 | 34.43 | 106.2 | 33.76 | 102.8 | 32.76 | 95.40 | 31.23 |
|        | -9.8              | -11      | 120.2                     | 37.79 | 116.3 | 34.91 | 109.5 | 33.20 | 106.2 | 32.54 | 102.8 | 31.58 | 95.40 | 30.09 |
|        | -9.5              | -10      | 120.8                     | 37.57 | 116.3 | 34.54 | 109.5 | 33.02 | 106.2 | 32.36 | 102.8 | 31.41 | 95.40 | 29.92 |
|        | -8.5              | -9.1     | 123.3                     | 36.87 | 116.3 | 33.50 | 109.5 | 32.43 | 106.2 | 31.76 | 102.8 | 30.82 | 95.40 | 29.34 |
|        | -7                | -7.6     | 123.7                     | 34.36 | 116.3 | 32.51 | 109.5 | 31.53 | 106.2 | 30.86 | 102.8 | 29.94 | 95.40 | 28.48 |
|        | -5                | -5.6     | 123.7                     | 32.67 | 116.3 | 31.32 | 109.5 | 30.38 | 106.2 | 29.68 | 102.8 | 28.80 | 95.40 | 27.38 |
|        | -3                | -3.7     | 123.7                     | 31.38 | 116.3 | 30.12 | 109.5 | 29.23 | 106.2 | 28.51 | 102.8 | 27.66 | 95.40 | 26.26 |
|        | 0                 | -0.7     | 123.7                     | 29.42 | 116.3 | 28.31 | 109.5 | 27.50 | 106.2 | 26.76 | 102.8 | 25.97 | 95.40 | 24.60 |
|        | 3                 | 2.2      | 123.7                     | 27.48 | 116.3 | 26.51 | 109.5 | 25.77 | 106.2 | 25.00 | 102.8 | 24.26 | 95.40 | 22.95 |
|        | 5                 | 4.1      | 117.1                     | 23.99 | 109.7 | 23.11 | 102.8 | 22.38 | 99.40 | 21.62 | 96.00 | 20.91 | 88.50 | 19.65 |
|        | 7                 | 6        | 110.2                     | 20.74 | 102.8 | 19.96 | 95.80 | 19.25 | 92.50 | 18.51 | 88.90 | 17.87 | 81.50 | 16.66 |
|        | 9                 | 7.9      | 103.2                     | 17.85 | 95.80 | 17.10 | 88.70 | 16.42 | 85.30 | 15.73 | 81.70 | 15.13 | 74.10 | 14.02 |
|        | 11                | 9.8      | 96.00                     | 15.19 | 88.40 | 14.49 | 81.30 | 13.83 | 77.90 | 13.22 | 74.30 | 12.68 | 66.60 | 11.66 |
|        | 13                | 11.8     | 88.50                     | 12.79 | 80.90 | 12.13 | 73.70 | 11.52 | 70.10 | 10.97 | 66.50 | 10.49 | 58.70 | 9.56  |
|        | 15                | 13.7     | 80.70                     | 10.63 | 73.00 | 10.03 | 65.80 | 9.46  | 62.10 | 8.98  | 58.50 | 8.55  | 50.70 | 7.75  |
| 80     | -30               | -30.2    | 47.30                     | 34.33 | 47.30 | 34.72 | 47.00 | 35.01 | 47.00 | 34.68 | 47.00 | 39.13 | 46.10 | 37.45 |
|        | -24.8             | -25      | 78.90                     | 34.88 | 78.90 | 35.27 | 78.30 | 35.54 | 78.30 | 35.66 | 78.30 | 36.30 | 76.80 | 34.74 |
|        | -21.8             | -22      | 94.20                     | 35.20 | 94.20 | 35.58 | 94.20 | 35.85 | 94.00 | 36.15 | 91.60 | 33.73 | 85.30 | 31.49 |
|        | -19.8             | -20      | 98.70                     | 35.41 | 98.70 | 35.79 | 98.00 | 35.92 | 95.00 | 33.75 | 91.60 | 31.87 | 85.30 | 30.49 |
|        | -18.8             | -19      | 100.9                     | 35.52 | 100.9 | 36.15 | 98.00 | 34.60 | 95.00 | 32.75 | 91.60 | 31.37 | 85.30 | 30.02 |
|        | -16.7             | -17      | 103.3                     | 36.11 | 103.3 | 34.94 | 98.00 | 32.63 | 95.00 | 31.62 | 91.60 | 30.29 | 85.30 | 28.99 |
|        | -15               | -15.9    | 105.6                     | 35.21 | 104.3 | 33.99 | 98.00 | 31.80 | 95.00 | 30.80 | 91.60 | 29.53 | 85.30 | 28.24 |
|        | -13.7             | -15      | 107.9                     | 34.33 | 104.3 | 32.72 | 98.00 | 30.98 | 95.00 | 29.99 | 91.60 | 28.77 | 85.30 | 27.51 |
|        | -11.8             | -13      | 110.7                     | 33.08 | 104.3 | 31.10 | 98.00 | 29.94 | 95.00 | 28.98 | 91.60 | 27.80 | 85.30 | 26.59 |
|        | -9.8              | -11      | 110.7                     | 31.08 | 104.3 | 29.65 | 98.00 | 28.87 | 95.00 | 27.90 | 91.60 | 26.78 | 85.30 | 25.61 |
|        | -9.5              | -10      | 110.7                     | 30.71 | 104.3 | 29.31 | 98.00 | 28.70 | 95.00 | 27.75 | 91.60 | 26.63 | 85.30 | 25.47 |
|        | -8.5              | -9.1     | 110.7                     | 29.90 | 104.3 | 28.72 | 98.00 | 28.16 | 95.00 | 27.21 | 91.60 | 26.13 | 85.30 | 24.99 |
|        | -7                | -7.6     | 110.7                     | 28.81 | 104.3 | 27.91 | 98.00 | 27.34 | 95.00 | 26.40 | 91.60 | 25.38 | 85.30 | 24.26 |
|        | -5                | -5.6     | 110.7                     | 27.72 | 104.3 | 26.87 | 98.00 | 26.30 | 95.00 | 25.38 | 91.60 | 24.39 | 85.30 | 23.33 |
|        | -3                | -3.7     | 110.7                     | 26.64 | 104.3 | 25.82 | 98.00 | 25.25 | 95.00 | 24.34 | 91.60 | 23.42 | 85.30 | 22.38 |
|        | 0                 | -0.7     | 110.7                     | 25.01 | 104.3 | 24.26 | 98.00 | 23.68 | 95.00 | 22.79 | 91.60 | 21.95 | 85.30 | 20.98 |
|        | 3                 | 2.2      | 110.7                     | 23.39 | 104.3 | 22.70 | 98.00 | 22.10 | 95.00 | 21.24 | 91.60 | 20.50 | 85.30 | 19.59 |
|        | 5                 | 4.1      | 104.8                     | 20.47 | 98.40 | 19.80 | 92.00 | 19.19 | 88.90 | 18.36 | 85.50 | 17.71 | 79.20 | 16.81 |
|        | 7                 | 6        | 98.70                     | 17.77 | 92.20 | 17.12 | 85.80 | 16.49 | 82.70 | 15.73 | 79.30 | 15.14 | 72.80 | 14.30 |
|        | 9                 | 7.9      | 92.40                     | 15.13 | 85.90 | 14.52 | 79.40 | 13.92 | 76.20 | 13.24 | 72.80 | 12.71 | 66.30 | 11.94 |
|        | 11                | 9.8      | 85.90                     | 12.65 | 79.40 | 12.09 | 72.80 | 11.53 | 69.60 | 10.93 | 66.10 | 10.47 | 59.50 | 9.76  |
|        | 13                | 11.8     | 79.20                     | 10.55 | 72.60 | 10.04 | 65.90 | 9.52  | 62.70 | 9.01  | 59.30 | 8.60  | 52.60 | 7.95  |
|        | 15                | 13.7     | 72.20                     | 8.81  | 65.50 | 8.34  | 58.90 | 7.86  | 55.60 | 7.42  | 52.10 | 7.05  | 45.30 | 6.48  |
| 70     | -30               | -30.2    | 47.30                     | 34.20 | 47.30 | 34.34 | 47.00 | 34.60 | 47.00 | 38.58 | 47.00 | 36.70 | 45.50 | 35.01 |
|        | -24.8             | -25      | 78.90                     | 34.76 | 78.90 | 34.88 | 78.30 | 35.14 | 78.30 | 35.51 | 77.30 | 33.40 | 72.90 | 30.98 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 88.50                     | 35.07 | 88.50 | 35.19 | 83.40 | 33.64 | 80.60 | 32.04 | 78.10 | 30.53 | 72.90 | 29.06 |
|        | -19.8             | -20      | 93.70                     | 34.83 | 88.70 | 33.60 | 83.40 | 32.46 | 80.60 | 30.91 | 78.10 | 29.48 | 72.90 | 28.06 |
|        | -18.8             | -19      | 93.90                     | 34.04 | 88.70 | 33.00 | 83.40 | 31.88 | 80.60 | 30.36 | 78.10 | 28.96 | 72.90 | 27.56 |
|        | -16.7             | -17      | 93.90                     | 32.33 | 88.70 | 31.72 | 83.40 | 30.65 | 80.60 | 29.19 | 78.10 | 27.87 | 72.90 | 26.50 |
|        | -15               | -15.9    | 93.90                     | 31.43 | 88.70 | 30.82 | 83.40 | 29.77 | 80.60 | 28.35 | 78.10 | 27.09 | 72.90 | 25.76 |
|        | -13.7             | -15      | 93.90                     | 30.53 | 88.70 | 29.92 | 83.40 | 28.91 | 80.60 | 27.53 | 78.10 | 26.32 | 72.90 | 25.01 |
|        | -11.8             | -13      | 93.90                     | 29.39 | 88.70 | 28.77 | 83.40 | 27.80 | 80.60 | 26.48 | 78.10 | 25.34 | 72.90 | 24.06 |
|        | -9.8              | -11      | 93.90                     | 28.22 | 88.70 | 27.57 | 83.40 | 26.65 | 80.60 | 25.39 | 78.10 | 24.31 | 72.90 | 23.07 |
|        | -9.5              | -10      | 93.90                     | 28.03 | 88.70 | 27.39 | 83.40 | 26.47 | 80.60 | 25.22 | 78.10 | 24.16 | 72.90 | 22.92 |
|        | -8.5              | -9.1     | 93.90                     | 27.44 | 88.70 | 26.80 | 83.40 | 25.90 | 80.60 | 24.68 | 78.10 | 23.64 | 72.90 | 22.43 |
|        | -7                | -7.6     | 93.90                     | 26.56 | 88.70 | 25.90 | 83.40 | 25.03 | 80.60 | 23.86 | 78.10 | 22.88 | 72.90 | 21.68 |
|        | -5                | -5.6     | 93.90                     | 25.41 | 88.70 | 24.74 | 83.40 | 23.91 | 80.60 | 22.79 | 78.10 | 21.88 | 72.90 | 20.73 |
|        | -3                | -3.7     | 93.90                     | 24.26 | 88.70 | 23.58 | 83.40 | 22.79 | 80.60 | 21.72 | 78.10 | 20.88 | 72.90 | 19.77 |
|        | 0                 | -0.7     | 93.90                     | 22.53 | 88.70 | 21.84 | 83.40 | 21.11 | 80.60 | 20.13 | 78.10 | 19.38 | 72.90 | 18.33 |
|        | 3                 | 2.2      | 93.90                     | 20.81 | 88.70 | 20.10 | 83.40 | 19.42 | 80.60 | 18.52 | 78.10 | 17.90 | 72.90 | 16.88 |
|        | 5                 | 4.1      | 88.90                     | 18.08 | 83.60 | 17.36 | 78.30 | 16.72 | 75.50 | 15.93 | 72.90 | 15.37 | 67.60 | 14.40 |
|        | 7                 | 6        | 83.70                     | 15.58 | 78.40 | 14.85 | 73.00 | 14.25 | 70.20 | 13.54 | 67.60 | 13.08 | 62.30 | 12.17 |
|        | 9                 | 7.9      | 78.30                     | 12.80 | 73.00 | 12.16 | 67.60 | 11.60 | 64.70 | 11.01 | 62.10 | 10.61 | 56.60 | 9.81  |
|        | 11                | 9.8      | 72.80                     | 10.77 | 67.40 | 10.18 | 61.90 | 9.69  | 59.10 | 9.16  | 56.40 | 8.80  | 50.90 | 8.09  |
|        | 13                | 11.8     | 67.10                     | 9.05  | 61.70 | 8.52  | 56.10 | 8.07  | 53.20 | 7.61  | 50.50 | 7.30  | 45.00 | 6.66  |
|        | 15                | 13.7     | 61.20                     | 7.61  | 55.70 | 7.13  | 50.10 | 6.72  | 47.20 | 6.32  | 44.40 | 6.04  | 38.70 | 5.49  |
| 60     | -30               | -30.2    | 45.60                     | 33.93 | 45.60 | 34.19 | 45.20 | 38.47 | 43.70 | 36.39 | 42.20 | 34.47 | 39.50 | 32.78 |
|        | -24.8             | -25      | 75.80                     | 34.49 | 75.80 | 34.75 | 71.50 | 33.35 | 69.10 | 31.60 | 66.70 | 29.96 | 62.50 | 28.44 |
|        | -21.8             | -22      | 80.60                     | 34.53 | 76.20 | 33.28 | 71.50 | 31.54 | 69.10 | 29.91 | 66.70 | 28.39 | 62.50 | 26.90 |
|        | -19.8             | -20      | 80.60                     | 33.24 | 76.20 | 32.01 | 71.50 | 30.34 | 69.10 | 28.78 | 66.70 | 27.32 | 62.50 | 25.88 |
|        | -18.8             | -19      | 80.60                     | 32.59 | 76.20 | 31.37 | 71.50 | 29.75 | 69.10 | 28.23 | 66.70 | 26.79 | 62.50 | 25.37 |
|        | -16.7             | -17      | 80.60                     | 31.24 | 76.20 | 30.04 | 71.50 | 28.48 | 69.10 | 27.05 | 66.70 | 25.69 | 62.50 | 24.31 |
|        | -15               | -15.9    | 80.60                     | 30.29 | 76.20 | 29.09 | 71.50 | 27.59 | 69.10 | 26.22 | 66.70 | 24.90 | 62.50 | 23.55 |
|        | -13.7             | -15      | 80.60                     | 29.34 | 76.20 | 28.15 | 71.50 | 26.70 | 69.10 | 25.38 | 66.70 | 24.12 | 62.50 | 22.79 |
|        | -11.8             | -13      | 80.60                     | 28.12 | 76.20 | 26.95 | 71.50 | 25.57 | 69.10 | 24.32 | 66.70 | 23.13 | 62.50 | 21.84 |
|        | -9.8              | -11      | 80.60                     | 26.85 | 76.20 | 25.69 | 71.50 | 24.39 | 69.10 | 23.21 | 66.70 | 22.08 | 62.50 | 20.83 |
|        | -9.5              | -10      | 80.60                     | 26.66 | 76.20 | 25.51 | 71.50 | 24.22 | 69.10 | 23.04 | 66.70 | 21.92 | 62.50 | 20.68 |
|        | -8.5              | -9.1     | 80.60                     | 26.03 | 76.20 | 24.89 | 71.50 | 23.63 | 69.10 | 22.50 | 66.70 | 21.41 | 62.50 | 20.18 |
|        | -7                | -7.6     | 80.60                     | 25.09 | 76.20 | 23.96 | 71.50 | 22.74 | 69.10 | 21.67 | 66.70 | 20.63 | 62.50 | 19.43 |
|        | -5                | -5.6     | 80.60                     | 23.85 | 76.20 | 22.73 | 71.50 | 21.60 | 69.10 | 20.59 | 66.70 | 19.62 | 62.50 | 18.46 |
|        | -3                | -3.7     | 80.60                     | 22.63 | 76.20 | 21.51 | 71.50 | 20.45 | 69.10 | 19.51 | 66.70 | 18.60 | 62.50 | 17.48 |
|        | 0                 | -0.7     | 80.60                     | 20.77 | 76.20 | 19.68 | 71.50 | 18.72 | 69.10 | 17.90 | 66.70 | 17.09 | 62.50 | 16.01 |
|        | 3                 | 2.2      | 80.60                     | 18.93 | 76.20 | 17.86 | 71.50 | 17.00 | 69.10 | 16.28 | 66.70 | 15.57 | 62.50 | 14.55 |
|        | 5                 | 4.1      | 76.30                     | 16.32 | 71.80 | 15.30 | 67.10 | 14.52 | 64.70 | 13.90 | 62.30 | 13.29 | 58.00 | 12.33 |
|        | 7                 | 6        | 71.90                     | 13.92 | 67.40 | 12.96 | 62.60 | 12.27 | 60.20 | 11.74 | 57.70 | 11.21 | 53.40 | 10.34 |
|        | 9                 | 7.9      | 67.30                     | 11.35 | 62.70 | 10.52 | 58.00 | 9.91  | 55.50 | 9.49  | 53.00 | 9.03  | 48.60 | 8.28  |
|        | 11                | 9.8      | 62.50                     | 9.61  | 58.00 | 8.89  | 53.10 | 8.34  | 50.70 | 7.97  | 48.10 | 7.57  | 43.70 | 6.90  |
|        | 13                | 11.8     | 57.60                     | 8.13  | 53.00 | 7.48  | 48.10 | 7.02  | 45.60 | 6.67  | 43.10 | 6.33  | 38.50 | 5.75  |
|        | 15                | 13.7     | 52.60                     | 6.89  | 47.90 | 6.33  | 43.00 | 5.91  | 40.40 | 5.60  | 38.00 | 5.31  | 33.20 | 4.79  |
| 50     | -30               | -30.2    | 42.50                     | 29.38 | 40.10 | 33.19 | 37.60 | 31.42 | 36.50 | 29.77 | 35.20 | 28.15 | 32.90 | 26.76 |
|        | -24.8             | -25      | 67.20                     | 28.41 | 63.40 | 28.76 | 59.60 | 27.24 | 57.70 | 25.82 | 55.70 | 24.47 | 51.90 | 23.21 |
|        | -21.8             | -22      | 67.20                     | 28.71 | 63.40 | 27.20 | 59.60 | 25.76 | 57.70 | 24.42 | 55.70 | 23.17 | 51.90 | 21.96 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 67.20                     | 27.61 | 63.40 | 26.14 | 59.60 | 24.78 | 57.70 | 23.49 | 55.70 | 22.31 | 51.90 | 21.12 |
|        | -18.8             | -19      | 67.20                     | 27.06 | 63.40 | 25.61 | 59.60 | 24.31 | 57.70 | 23.03 | 55.70 | 21.88 | 51.90 | 20.73 |
|        | -16.7             | -17      | 67.20                     | 25.92 | 63.40 | 24.53 | 59.60 | 23.27 | 57.70 | 22.06 | 55.70 | 20.97 | 51.90 | 19.85 |
|        | -15               | -15.9    | 67.20                     | 25.10 | 63.40 | 23.73 | 59.60 | 22.54 | 57.70 | 21.37 | 55.70 | 20.32 | 51.90 | 19.22 |
|        | -13.7             | -15      | 67.20                     | 24.28 | 63.40 | 22.95 | 59.60 | 21.81 | 57.70 | 20.68 | 55.70 | 19.68 | 51.90 | 18.61 |
|        | -11.8             | -13      | 67.20                     | 23.25 | 63.40 | 21.98 | 59.60 | 20.89 | 57.70 | 19.81 | 55.70 | 18.87 | 51.90 | 17.84 |
|        | -9.8              | -11      | 67.20                     | 22.17 | 63.40 | 20.94 | 59.60 | 19.92 | 57.70 | 18.89 | 55.70 | 18.02 | 51.90 | 17.01 |
|        | -9.5              | -10      | 67.20                     | 22.01 | 63.40 | 20.79 | 59.60 | 19.77 | 57.70 | 18.76 | 55.70 | 17.89 | 51.90 | 16.89 |
|        | -8.5              | -9.1     | 67.20                     | 21.48 | 63.40 | 20.27 | 59.60 | 19.30 | 57.70 | 18.31 | 55.70 | 17.47 | 51.90 | 16.48 |
|        | -7                | -7.6     | 67.20                     | 20.66 | 63.40 | 19.50 | 59.60 | 18.58 | 57.70 | 17.61 | 55.70 | 16.83 | 51.90 | 15.87 |
|        | -5                | -5.6     | 67.20                     | 19.61 | 63.40 | 18.50 | 59.60 | 17.64 | 57.70 | 16.74 | 55.70 | 16.01 | 51.90 | 15.08 |
|        | -3                | -3.7     | 67.20                     | 18.57 | 63.40 | 17.49 | 59.60 | 16.69 | 57.70 | 15.84 | 55.70 | 15.18 | 51.90 | 14.27 |
|        | 0                 | -0.7     | 67.20                     | 16.99 | 63.40 | 15.97 | 59.60 | 15.29 | 57.70 | 14.51 | 55.70 | 13.94 | 51.90 | 13.09 |
|        | 3                 | 2.2      | 67.20                     | 15.40 | 63.40 | 14.47 | 59.60 | 13.88 | 57.70 | 13.17 | 55.70 | 12.70 | 51.90 | 11.90 |
|        | 5                 | 4.1      | 63.60                     | 13.27 | 59.80 | 12.41 | 56.00 | 11.90 | 54.10 | 11.27 | 52.10 | 10.88 | 48.10 | 10.13 |
|        | 7                 | 6        | 60.00                     | 11.33 | 56.00 | 10.55 | 52.20 | 10.11 | 50.30 | 9.56  | 48.20 | 9.23  | 44.30 | 8.54  |
|        | 9                 | 7.9      | 56.00                     | 9.40  | 52.20 | 8.71  | 48.20 | 8.33  | 46.30 | 7.86  | 44.30 | 7.57  | 40.30 | 6.98  |
|        | 11                | 9.8      | 52.20                     | 8.03  | 48.20 | 7.42  | 44.20 | 7.07  | 42.30 | 6.66  | 40.30 | 6.41  | 36.30 | 5.87  |
|        | 13                | 11.8     | 48.00                     | 6.85  | 44.10 | 6.32  | 40.10 | 6.00  | 38.10 | 5.65  | 36.10 | 5.42  | 32.00 | 4.95  |
|        | 15                | 13.7     | 43.80                     | 5.87  | 39.80 | 5.41  | 35.80 | 5.11  | 33.80 | 4.80  | 31.70 | 4.61  | 27.60 | 4.19  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM400LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 50.00                     | 43.54 | 50.00 | 43.68 | 49.60 | 43.82 | 49.60 | 44.00 | 49.60 | 44.22 | 48.60 | 44.46 |
|        | -24.8             | -25      | 83.20                     | 43.90 | 83.20 | 44.04 | 82.60 | 44.16 | 82.60 | 44.36 | 82.60 | 44.54 | 81.20 | 44.80 |
|        | -21.8             | -22      | 101.2                     | 44.10 | 101.2 | 44.24 | 100.6 | 44.38 | 100.6 | 44.56 | 100.6 | 44.72 | 98.60 | 45.02 |
|        | -19.8             | -20      | 106.8                     | 44.24 | 106.8 | 44.38 | 106.0 | 44.50 | 106.0 | 44.68 | 106.0 | 44.86 | 104.0 | 45.14 |
|        | -18.8             | -19      | 109.0                     | 44.28 | 109.0 | 44.44 | 108.4 | 44.56 | 108.4 | 44.74 | 108.4 | 44.92 | 106.2 | 45.20 |
|        | -16.7             | -17      | 113.8                     | 44.44 | 113.8 | 44.58 | 113.2 | 44.70 | 113.2 | 44.88 | 113.2 | 45.04 | 111.0 | 45.34 |
|        | -15               | -15.9    | 117.2                     | 44.52 | 117.2 | 44.66 | 116.6 | 44.78 | 116.6 | 44.96 | 116.6 | 45.14 | 114.4 | 44.46 |
|        | -13.7             | -15      | 120.8                     | 44.64 | 120.8 | 44.76 | 120.2 | 44.88 | 120.2 | 45.06 | 120.2 | 45.26 | 117.8 | 43.60 |
|        | -11.8             | -13      | 124.8                     | 44.74 | 124.8 | 44.88 | 123.8 | 45.02 | 123.8 | 45.20 | 123.8 | 44.08 | 122.0 | 42.50 |
|        | -9.8              | -11      | 128.8                     | 44.88 | 128.8 | 45.02 | 128.2 | 45.14 | 128.2 | 43.98 | 128.2 | 42.88 | 126.4 | 41.36 |
|        | -9.5              | -10      | 129.6                     | 44.90 | 129.6 | 45.02 | 128.8 | 44.94 | 128.8 | 43.80 | 128.8 | 42.70 | 127.0 | 41.20 |
|        | -8.5              | -9.1     | 132.2                     | 44.96 | 132.2 | 45.10 | 131.2 | 44.32 | 131.2 | 43.18 | 130.6 | 42.10 | 129.4 | 40.62 |
|        | -7                | -7.6     | 136.0                     | 45.06 | 136.0 | 44.20 | 135.0 | 43.40 | 135.0 | 42.26 | 135.0 | 41.20 | 132.8 | 39.76 |
|        | -5                | -5.6     | 140.8                     | 43.96 | 140.8 | 43.06 | 140.0 | 42.24 | 140.0 | 41.12 | 140.0 | 40.04 | 137.2 | 38.68 |
|        | -3                | -3.7     | 145.8                     | 42.86 | 145.8 | 41.90 | 145.0 | 41.04 | 145.0 | 39.94 | 145.0 | 38.88 | 141.6 | 37.58 |
|        | 0                 | -0.7     | 153.2                     | 41.24 | 153.2 | 40.22 | 152.4 | 39.26 | 152.4 | 38.20 | 152.4 | 37.16 | 142.2 | 34.44 |
|        | 3                 | 2.2      | 160.8                     | 39.60 | 160.8 | 38.50 | 159.8 | 37.52 | 158.4 | 36.14 | 152.8 | 33.90 | 142.2 | 32.56 |
|        | 5                 | 4.1      | 154.2                     | 34.60 | 153.6 | 33.40 | 152.4 | 32.48 | 148.4 | 30.72 | 142.6 | 29.36 | 132.0 | 28.28 |
|        | 7                 | 6        | 145.2                     | 29.66 | 144.0 | 28.48 | 142.2 | 27.46 | 138.0 | 26.30 | 132.2 | 25.38 | 121.4 | 24.30 |
|        | 9                 | 7.9      | 135.8                     | 25.94 | 134.0 | 24.78 | 131.6 | 23.70 | 127.2 | 22.80 | 121.4 | 21.92 | 110.6 | 20.84 |
| 120    | 11                | 9.8      | 126.4                     | 22.82 | 123.8 | 21.66 | 120.6 | 20.60 | 116.0 | 19.74 | 110.4 | 18.90 | 99.20 | 17.80 |
|        | 13                | 11.8     | 116.4                     | 19.80 | 113.2 | 18.70 | 109.2 | 17.62 | 104.6 | 16.84 | 98.80 | 16.04 | 87.60 | 14.94 |
|        | 15                | 13.7     | 106.2                     | 16.96 | 102.2 | 15.88 | 97.60 | 14.84 | 92.80 | 14.12 | 86.80 | 13.38 | 75.60 | 12.30 |
|        | -30               | -30.2    | 49.60                     | 43.68 | 49.60 | 43.82 | 49.20 | 44.00 | 49.20 | 44.22 | 49.20 | 44.46 | 48.20 | 44.70 |
|        | -24.8             | -25      | 82.60                     | 44.04 | 82.60 | 44.16 | 82.00 | 44.36 | 82.00 | 44.54 | 82.00 | 44.80 | 80.40 | 45.02 |
|        | -21.8             | -22      | 100.6                     | 44.24 | 100.6 | 44.38 | 99.80 | 44.56 | 99.80 | 44.72 | 99.80 | 45.02 | 98.00 | 45.20 |
|        | -19.8             | -20      | 106.0                     | 44.38 | 106.0 | 44.50 | 105.4 | 44.68 | 105.4 | 44.86 | 105.4 | 45.14 | 103.2 | 45.32 |
|        | -18.8             | -19      | 108.4                     | 44.44 | 108.4 | 44.56 | 107.6 | 44.74 | 107.6 | 44.92 | 107.6 | 45.20 | 105.6 | 45.40 |
|        | -16.7             | -17      | 113.2                     | 44.58 | 113.2 | 44.70 | 112.4 | 44.88 | 112.4 | 45.04 | 112.4 | 45.34 | 110.2 | 44.26 |
|        | -15               | -15.9    | 116.6                     | 44.66 | 116.6 | 44.78 | 115.8 | 44.96 | 115.8 | 45.14 | 115.8 | 44.50 | 113.6 | 43.46 |
|        | -13.7             | -15      | 119.8                     | 44.76 | 119.8 | 44.88 | 119.2 | 45.06 | 119.2 | 45.26 | 119.2 | 43.66 | 117.0 | 42.68 |
|        | -11.8             | -13      | 123.8                     | 44.88 | 123.8 | 45.02 | 123.0 | 45.20 | 123.0 | 44.08 | 123.0 | 42.64 | 121.2 | 41.66 |
|        | -9.8              | -11      | 127.8                     | 45.02 | 127.8 | 45.14 | 127.0 | 43.92 | 127.0 | 42.86 | 127.0 | 41.54 | 125.6 | 40.62 |
|        | -9.5              | -10      | 128.8                     | 45.02 | 128.8 | 44.94 | 127.8 | 43.74 | 127.8 | 42.68 | 127.8 | 41.36 | 126.2 | 40.46 |
|        | -8.5              | -9.1     | 131.0                     | 45.10 | 131.0 | 44.26 | 130.4 | 43.10 | 130.4 | 42.08 | 130.4 | 40.82 | 128.6 | 39.92 |
|        | -7                | -7.6     | 134.8                     | 44.12 | 134.8 | 43.26 | 134.0 | 42.16 | 134.0 | 41.16 | 134.0 | 40.00 | 131.6 | 39.12 |
|        | -5                | -5.6     | 140.0                     | 42.84 | 140.0 | 41.98 | 138.8 | 40.92 | 138.8 | 39.98 | 138.8 | 38.96 | 133.6 | 37.36 |
|        | -3                | -3.7     | 144.8                     | 41.58 | 144.8 | 40.72 | 144.0 | 39.72 | 144.0 | 38.82 | 143.8 | 37.90 | 133.6 | 35.24 |
|        | 0                 | -0.7     | 152.2                     | 39.70 | 152.2 | 38.80 | 151.2 | 37.90 | 148.4 | 36.38 | 143.8 | 34.54 | 133.6 | 33.82 |
| 110    | 3                 | 2.2      | 159.8                     | 37.80 | 159.8 | 36.88 | 153.6 | 34.92 | 148.4 | 33.54 | 143.8 | 33.02 | 133.6 | 32.38 |
|        | 5                 | 4.1      | 153.0                     | 32.88 | 150.6 | 31.54 | 144.2 | 30.06 | 139.0 | 29.40 | 134.2 | 28.96 | 124.0 | 28.24 |
|        | 7                 | 6        | 144.0                     | 28.00 | 141.2 | 26.90 | 134.4 | 26.12 | 129.2 | 25.50 | 124.4 | 25.12 | 114.0 | 24.36 |
|        | 9                 | 7.9      | 134.8                     | 24.50 | 131.6 | 23.52 | 124.4 | 22.72 | 119.2 | 22.10 | 114.4 | 21.68 | 103.8 | 20.88 |
|        | 11                | 9.8      | 125.4                     | 21.52 | 121.6 | 20.54 | 114.0 | 19.70 | 108.8 | 19.10 | 103.8 | 18.68 | 93.20 | 17.84 |
|        | 13                | 11.8     | 115.6                     | 18.66 | 111.2 | 17.72 | 103.4 | 16.88 | 98.00 | 16.28 | 93.00 | 15.86 | 82.40 | 14.98 |
|        | 15                | 13.7     | 105.4                     | 15.96 | 100.4 | 15.04 | 92.20 | 14.22 | 86.80 | 13.66 | 81.80 | 13.22 | 71.00 | 12.34 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 49.40                     | 43.82 | 49.40 | 44.00 | 49.00 | 44.22 | 49.00 | 44.46 | 49.00 | 44.70 | 48.00 | 44.74 |
|        | -24.8             | -25      | 82.20                     | 44.16 | 82.20 | 44.36 | 81.60 | 44.54 | 81.60 | 44.80 | 81.60 | 45.02 | 80.00 | 45.10 |
|        | -21.8             | -22      | 99.80                     | 44.38 | 99.80 | 44.56 | 99.20 | 44.72 | 99.20 | 45.02 | 99.20 | 45.20 | 97.40 | 45.30 |
|        | -19.8             | -20      | 105.4                     | 44.50 | 105.4 | 44.68 | 104.8 | 44.86 | 104.8 | 45.14 | 104.8 | 45.32 | 102.6 | 45.42 |
|        | -18.8             | -19      | 107.6                     | 44.56 | 107.6 | 44.74 | 107.0 | 44.92 | 107.0 | 45.20 | 107.0 | 45.40 | 105.0 | 44.82 |
|        | -16.7             | -17      | 112.6                     | 44.70 | 112.6 | 44.88 | 111.6 | 45.04 | 111.6 | 45.34 | 111.6 | 44.18 | 109.6 | 43.58 |
|        | -15               | -15.9    | 115.8                     | 44.78 | 115.8 | 44.96 | 115.0 | 45.14 | 115.0 | 44.42 | 115.0 | 43.32 | 114.0 | 42.68 |
|        | -13.7             | -15      | 119.2                     | 44.88 | 119.2 | 45.06 | 118.4 | 45.26 | 118.4 | 43.50 | 118.4 | 42.46 | 118.4 | 41.80 |
|        | -11.8             | -13      | 123.0                     | 45.02 | 123.0 | 45.20 | 122.4 | 43.96 | 122.4 | 42.36 | 122.4 | 41.36 | 120.2 | 39.94 |
|        | -9.8              | -11      | 127.2                     | 45.14 | 127.2 | 43.76 | 126.4 | 42.62 | 126.4 | 41.14 | 126.4 | 40.22 | 120.2 | 37.82 |
|        | -9.5              | -10      | 127.8                     | 44.90 | 127.8 | 43.54 | 127.2 | 42.42 | 127.2 | 40.98 | 127.2 | 40.04 | 120.2 | 37.34 |
|        | -8.5              | -9.1     | 130.4                     | 44.14 | 130.4 | 42.82 | 129.6 | 41.76 | 129.6 | 40.36 | 128.8 | 39.24 | 120.2 | 36.78 |
|        | -7                | -7.6     | 134.2                     | 42.98 | 134.2 | 41.74 | 133.4 | 40.74 | 133.2 | 39.40 | 128.8 | 37.30 | 120.2 | 35.96 |
|        | -5                | -5.6     | 139.0                     | 41.50 | 139.0 | 40.38 | 137.8 | 39.36 | 133.2 | 36.92 | 128.8 | 35.62 | 120.2 | 34.88 |
|        | -3                | -3.7     | 144.0                     | 40.02 | 144.0 | 39.00 | 137.8 | 36.78 | 133.2 | 35.26 | 128.8 | 34.58 | 120.2 | 33.82 |
|        | 0                 | -0.7     | 151.2                     | 37.80 | 146.8 | 35.84 | 137.8 | 34.42 | 133.2 | 33.60 | 128.8 | 33.02 | 120.2 | 32.20 |
|        | 3                 | 2.2      | 155.4                     | 34.84 | 146.8 | 33.10 | 137.8 | 32.58 | 133.2 | 31.98 | 128.8 | 31.48 | 120.2 | 30.62 |
|        | 5                 | 4.1      | 147.2                     | 29.66 | 138.4 | 29.04 | 129.4 | 28.54 | 124.8 | 28.00 | 120.2 | 27.54 | 111.6 | 26.58 |
|        | 7                 | 6        | 138.6                     | 25.82 | 129.8 | 25.24 | 120.6 | 24.74 | 116.0 | 24.30 | 111.4 | 23.86 | 102.6 | 22.84 |
|        | 9                 | 7.9      | 129.8                     | 22.62 | 120.8 | 22.00 | 111.6 | 21.44 | 107.0 | 21.00 | 102.4 | 20.56 | 93.40 | 19.52 |
|        | 11                | 9.8      | 120.6                     | 19.80 | 111.6 | 19.16 | 102.4 | 18.56 | 97.60 | 18.10 | 93.00 | 17.66 | 84.00 | 16.64 |
| 100    | 13                | 11.8     | 111.2                     | 17.12 | 102.2 | 16.46 | 92.80 | 15.84 | 88.00 | 15.40 | 83.40 | 14.96 | 74.00 | 13.96 |
|        | 15                | 13.7     | 101.4                     | 14.58 | 92.20 | 13.94 | 82.80 | 13.30 | 78.00 | 12.90 | 73.20 | 12.44 | 63.80 | 11.48 |
|        | -30               | -30.2    | 49.00                     | 49.40 | 49.00 | 49.08 | 48.80 | 41.90 | 48.80 | 48.14 | 48.80 | 46.80 | 47.80 | 47.58 |
|        | -24.8             | -25      | 81.80                     | 48.30 | 81.80 | 47.96 | 81.40 | 44.16 | 81.40 | 47.04 | 81.40 | 46.68 | 79.60 | 46.48 |
|        | -21.8             | -22      | 99.40                     | 47.68 | 99.40 | 47.30 | 98.80 | 45.46 | 98.80 | 46.42 | 98.80 | 46.60 | 97.00 | 45.86 |
|        | -19.8             | -20      | 105.0                     | 47.24 | 105.0 | 46.88 | 104.2 | 46.26 | 104.2 | 45.98 | 104.2 | 45.80 | 102.2 | 45.42 |
|        | -18.8             | -19      | 107.2                     | 47.02 | 106.6 | 46.68 | 106.6 | 46.32 | 106.6 | 45.76 | 106.6 | 45.40 | 104.6 | 44.70 |
|        | -16.7             | -17      | 111.2                     | 46.60 | 111.2 | 46.22 | 111.2 | 46.44 | 110.6 | 45.34 | 110.6 | 43.90 | 108.6 | 43.18 |
|        | -15               | -15.9    | 115.0                     | 46.26 | 115.0 | 45.90 | 114.6 | 45.84 | 114.4 | 44.26 | 114.4 | 42.82 | 109.8 | 41.22 |
|        | -13.7             | -15      | 118.6                     | 45.94 | 118.6 | 45.60 | 118.0 | 45.26 | 118.0 | 43.18 | 118.0 | 41.76 | 109.8 | 38.92 |
|        | -11.8             | -13      | 122.4                     | 45.56 | 121.8 | 45.20 | 121.8 | 43.82 | 121.8 | 41.82 | 118.0 | 39.16 | 109.8 | 37.60 |
|        | -9.8              | -11      | 126.6                     | 45.14 | 126.6 | 43.60 | 126.0 | 42.32 | 122.0 | 39.10 | 118.0 | 37.02 | 109.8 | 36.24 |
|        | -9.5              | -10      | 127.2                     | 44.88 | 127.2 | 43.34 | 126.0 | 41.86 | 122.0 | 38.70 | 118.0 | 36.82 | 109.8 | 36.04 |
|        | -8.5              | -9.1     | 129.8                     | 44.06 | 129.8 | 42.56 | 126.0 | 40.32 | 122.0 | 37.44 | 118.0 | 36.14 | 109.8 | 35.34 |
|        | -7                | -7.6     | 135.6                     | 42.80 | 134.0 | 41.04 | 126.0 | 38.14 | 122.0 | 36.42 | 118.0 | 35.14 | 109.8 | 34.32 |
|        | -5                | -5.6     | 141.6                     | 41.20 | 134.0 | 38.08 | 126.0 | 36.78 | 122.0 | 35.12 | 118.0 | 33.86 | 109.8 | 33.02 |
|        | -3                | -3.7     | 142.2                     | 38.68 | 134.0 | 36.34 | 126.0 | 35.42 | 122.0 | 33.82 | 118.0 | 32.56 | 109.8 | 31.70 |
|        | 0                 | -0.7     | 142.2                     | 35.30 | 134.0 | 34.14 | 126.0 | 33.34 | 122.0 | 31.86 | 118.0 | 30.62 | 109.8 | 29.72 |
|        | 3                 | 2.2      | 142.2                     | 33.00 | 134.0 | 31.96 | 126.0 | 31.28 | 122.0 | 29.90 | 118.0 | 28.70 | 109.8 | 27.74 |
|        | 5                 | 4.1      | 134.6                     | 28.90 | 126.4 | 27.88 | 118.2 | 27.22 | 114.2 | 25.98 | 110.2 | 24.84 | 101.8 | 23.80 |
| 90     | 7                 | 6        | 126.8                     | 25.06 | 118.4 | 24.10 | 110.4 | 23.46 | 106.2 | 22.34 | 102.2 | 21.28 | 93.80 | 20.20 |
|        | 9                 | 7.9      | 118.6                     | 21.88 | 110.4 | 20.96 | 102.0 | 20.30 | 98.00 | 19.26 | 93.80 | 18.28 | 85.40 | 17.24 |
|        | 11                | 9.8      | 110.4                     | 19.12 | 102.0 | 18.18 | 93.60 | 17.52 | 89.40 | 16.56 | 85.20 | 15.66 | 76.60 | 14.66 |
|        | 13                | 11.8     | 101.6                     | 16.48 | 93.20 | 15.60 | 84.80 | 14.92 | 80.60 | 14.06 | 76.40 | 13.24 | 67.60 | 12.28 |
|        | 15                | 13.7     | 92.80                     | 14.00 | 84.20 | 13.18 | 75.60 | 12.50 | 71.40 | 11.76 | 67.20 | 11.00 | 58.40 | 10.12 |
|        | -30               | -30.2    | 49.00                     | 43.00 | 49.00 | 43.24 | 48.60 | 43.44 | 48.60 | 43.52 | 48.60 | 43.76 | 47.60 | 47.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 81.60                     | 43.32 | 81.60 | 43.60 | 81.00 | 43.80 | 81.00 | 43.88 | 81.00 | 44.08 | 79.40 | 44.36 |
|        | -21.8             | -22      | 99.00                     | 43.50 | 99.00 | 43.80 | 98.40 | 44.00 | 98.40 | 44.08 | 98.40 | 44.28 | 96.60 | 42.38 |
|        | -19.8             | -20      | 104.6                     | 43.66 | 104.6 | 43.92 | 103.8 | 44.14 | 103.8 | 44.22 | 103.8 | 42.94 | 100.4 | 40.46 |
|        | -18.8             | -19      | 107.2                     | 43.72 | 106.6 | 44.00 | 106.2 | 44.18 | 106.2 | 43.52 | 106.2 | 42.26 | 100.4 | 39.00 |
|        | -16.7             | -17      | 111.2                     | 43.86 | 111.2 | 44.12 | 110.8 | 42.76 | 110.8 | 42.08 | 108.2 | 39.90 | 100.4 | 37.08 |
|        | -15               | -15.9    | 115.0                     | 43.94 | 115.0 | 43.08 | 114.2 | 41.76 | 111.8 | 40.20 | 108.2 | 38.38 | 100.4 | 36.16 |
|        | -13.7             | -15      | 118.6                     | 44.04 | 118.6 | 42.02 | 115.2 | 39.92 | 111.8 | 38.08 | 108.2 | 36.90 | 100.4 | 35.24 |
|        | -11.8             | -13      | 122.4                     | 42.62 | 121.8 | 40.70 | 115.2 | 37.46 | 111.8 | 36.78 | 108.2 | 35.70 | 100.4 | 34.06 |
|        | -9.8              | -11      | 126.6                     | 41.12 | 122.4 | 38.00 | 115.2 | 36.20 | 111.8 | 35.48 | 108.2 | 34.46 | 100.4 | 32.84 |
|        | -9.5              | -10      | 127.2                     | 40.88 | 122.4 | 37.60 | 115.2 | 36.00 | 111.8 | 35.28 | 108.2 | 34.28 | 100.4 | 32.66 |
|        | -8.5              | -9.1     | 129.8                     | 40.14 | 122.4 | 36.52 | 115.2 | 35.38 | 111.8 | 34.66 | 108.2 | 33.64 | 100.4 | 32.04 |
|        | -7                | -7.6     | 130.2                     | 37.44 | 122.4 | 35.48 | 115.2 | 34.42 | 111.8 | 33.70 | 108.2 | 32.70 | 100.4 | 31.12 |
|        | -5                | -5.6     | 130.2                     | 35.66 | 122.4 | 34.22 | 115.2 | 33.20 | 111.8 | 32.44 | 108.2 | 31.50 | 100.4 | 29.96 |
|        | -3                | -3.7     | 130.2                     | 34.30 | 122.4 | 32.94 | 115.2 | 31.98 | 111.8 | 31.20 | 108.2 | 30.28 | 100.4 | 28.76 |
|        | 0                 | -0.7     | 130.2                     | 32.24 | 122.4 | 31.02 | 115.2 | 30.16 | 111.8 | 29.34 | 108.2 | 28.48 | 100.4 | 27.00 |
|        | 3                 | 2.2      | 130.2                     | 30.18 | 122.4 | 29.14 | 115.2 | 28.32 | 111.8 | 27.48 | 108.2 | 26.66 | 100.4 | 25.22 |
|        | 5                 | 4.1      | 123.2                     | 26.48 | 115.4 | 25.52 | 108.2 | 24.72 | 104.6 | 23.88 | 101.0 | 23.10 | 93.20 | 21.70 |
|        | 7                 | 6        | 116.0                     | 23.02 | 108.2 | 22.16 | 100.8 | 21.36 | 97.40 | 20.54 | 93.60 | 19.84 | 85.80 | 18.50 |
|        | 9                 | 7.9      | 108.6                     | 19.90 | 100.8 | 19.06 | 93.40 | 18.30 | 89.80 | 17.52 | 86.00 | 16.86 | 78.00 | 15.62 |
|        | 11                | 9.8      | 101.0                     | 17.00 | 93.00 | 16.22 | 85.60 | 15.48 | 82.00 | 14.80 | 78.20 | 14.18 | 70.00 | 13.04 |
|        | 13                | 11.8     | 93.20                     | 14.38 | 85.20 | 13.64 | 77.60 | 12.94 | 73.80 | 12.32 | 70.00 | 11.78 | 61.80 | 10.72 |
|        | 15                | 13.7     | 85.00                     | 11.98 | 76.80 | 11.30 | 69.20 | 10.64 | 65.40 | 10.10 | 61.60 | 9.60  | 53.40 | 8.68  |
| 80     | -30               | -30.2    | 48.60                     | 37.98 | 48.60 | 38.28 | 48.40 | 38.52 | 48.40 | 38.24 | 48.40 | 42.44 | 47.40 | 40.66 |
|        | -24.8             | -25      | 81.20                     | 38.36 | 81.20 | 38.66 | 80.60 | 38.86 | 80.60 | 38.94 | 80.60 | 39.42 | 79.00 | 37.76 |
|        | -21.8             | -22      | 98.00                     | 38.58 | 98.00 | 38.86 | 98.00 | 39.06 | 98.00 | 39.34 | 96.40 | 37.08 | 89.80 | 34.26 |
|        | -19.8             | -20      | 103.4                     | 38.72 | 103.4 | 39.00 | 103.2 | 39.20 | 100.0 | 36.84 | 96.40 | 34.66 | 89.80 | 33.18 |
|        | -18.8             | -19      | 105.8                     | 38.80 | 105.8 | 39.26 | 103.2 | 37.72 | 100.0 | 35.60 | 96.40 | 34.14 | 89.80 | 32.68 |
|        | -16.7             | -17      | 108.8                     | 39.22 | 108.8 | 37.98 | 103.2 | 35.48 | 100.0 | 34.40 | 96.40 | 32.98 | 89.80 | 31.58 |
|        | -15               | -15.9    | 111.2                     | 38.26 | 109.8 | 36.96 | 103.2 | 34.60 | 100.0 | 33.52 | 96.40 | 32.16 | 89.80 | 30.78 |
|        | -13.7             | -15      | 113.6                     | 37.32 | 109.8 | 35.60 | 103.2 | 33.72 | 100.0 | 32.66 | 96.40 | 31.36 | 89.80 | 30.00 |
|        | -11.8             | -13      | 116.6                     | 36.12 | 109.8 | 33.96 | 103.2 | 32.62 | 100.0 | 31.60 | 96.40 | 30.32 | 89.80 | 29.02 |
|        | -9.8              | -11      | 116.6                     | 33.96 | 109.8 | 32.38 | 103.2 | 31.48 | 100.0 | 30.44 | 96.40 | 29.24 | 89.80 | 27.98 |
|        | -9.5              | -10      | 116.6                     | 33.54 | 109.8 | 32.02 | 103.2 | 31.30 | 100.0 | 30.28 | 96.40 | 29.08 | 89.80 | 27.82 |
|        | -8.5              | -9.1     | 116.6                     | 32.66 | 109.8 | 31.34 | 103.2 | 30.72 | 100.0 | 29.70 | 96.40 | 28.54 | 89.80 | 27.32 |
|        | -7                | -7.6     | 116.6                     | 31.44 | 109.8 | 30.46 | 103.2 | 29.86 | 100.0 | 28.84 | 96.40 | 27.74 | 89.80 | 26.52 |
|        | -5                | -5.6     | 116.6                     | 30.28 | 109.8 | 29.38 | 103.2 | 28.74 | 100.0 | 27.76 | 96.40 | 26.68 | 89.80 | 25.54 |
|        | -3                | -3.7     | 116.6                     | 29.14 | 109.8 | 28.26 | 103.2 | 27.64 | 100.0 | 26.64 | 96.40 | 25.64 | 89.80 | 24.52 |
|        | 0                 | -0.7     | 116.6                     | 27.42 | 109.8 | 26.60 | 103.2 | 25.96 | 100.0 | 25.00 | 96.40 | 24.08 | 89.80 | 23.02 |
|        | 3                 | 2.2      | 116.6                     | 25.70 | 109.8 | 24.94 | 103.2 | 24.28 | 100.0 | 23.34 | 96.40 | 22.54 | 89.80 | 21.54 |
|        | 5                 | 4.1      | 110.4                     | 22.60 | 103.6 | 21.86 | 96.80 | 21.18 | 93.60 | 20.28 | 90.00 | 19.56 | 83.40 | 18.56 |
|        | 7                 | 6        | 104.0                     | 19.70 | 97.00 | 18.98 | 90.40 | 18.28 | 87.00 | 17.44 | 83.40 | 16.78 | 76.60 | 15.86 |
|        | 9                 | 7.9      | 97.40                     | 16.82 | 90.40 | 16.14 | 83.60 | 15.46 | 80.20 | 14.72 | 76.60 | 14.12 | 69.80 | 13.26 |
|        | 11                | 9.8      | 90.40                     | 14.08 | 83.60 | 13.46 | 76.60 | 12.84 | 73.20 | 12.16 | 69.60 | 11.64 | 62.60 | 10.84 |
|        | 13                | 11.8     | 83.40                     | 11.76 | 76.40 | 11.18 | 69.40 | 10.60 | 66.00 | 10.02 | 62.40 | 9.56  | 55.40 | 8.82  |
|        | 15                | 13.7     | 76.00                     | 9.82  | 69.00 | 9.28  | 62.00 | 8.74  | 58.60 | 8.24  | 54.80 | 7.82  | 47.60 | 7.16  |
| 70     | -30               | -30.2    | 48.60                     | 37.62 | 48.60 | 37.76 | 48.40 | 37.94 | 48.40 | 41.84 | 48.40 | 39.84 | 47.40 | 38.02 |
|        | -24.8             | -25      | 81.20                     | 38.00 | 81.20 | 38.10 | 80.60 | 38.30 | 80.60 | 38.56 | 80.60 | 36.76 | 76.80 | 34.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 93.20                     | 38.22 | 93.20 | 38.30 | 87.80 | 36.54 | 84.80 | 34.82 | 82.20 | 33.20 | 76.80 | 31.64 |
|        | -19.8             | -20      | 98.80                     | 37.46 | 93.40 | 36.48 | 87.80 | 35.28 | 84.80 | 33.62 | 82.20 | 32.10 | 76.80 | 30.56 |
|        | -18.8             | -19      | 98.80                     | 36.46 | 93.40 | 35.86 | 87.80 | 34.66 | 84.80 | 33.02 | 82.20 | 31.52 | 76.80 | 30.02 |
|        | -16.7             | -17      | 98.80                     | 35.14 | 93.40 | 34.48 | 87.80 | 33.34 | 84.80 | 31.78 | 82.20 | 30.36 | 76.80 | 28.88 |
|        | -15               | -15.9    | 98.80                     | 34.18 | 93.40 | 33.52 | 87.80 | 32.40 | 84.80 | 30.88 | 82.20 | 29.52 | 76.80 | 28.08 |
|        | -13.7             | -15      | 98.80                     | 33.22 | 93.40 | 32.56 | 87.80 | 31.48 | 84.80 | 30.00 | 82.20 | 28.70 | 76.80 | 27.28 |
|        | -11.8             | -13      | 98.80                     | 32.00 | 93.40 | 31.34 | 87.80 | 30.30 | 84.80 | 28.88 | 82.20 | 27.64 | 76.80 | 26.26 |
|        | -9.8              | -11      | 98.80                     | 30.76 | 93.40 | 30.04 | 87.80 | 29.06 | 84.80 | 27.70 | 82.20 | 26.54 | 76.80 | 25.20 |
|        | -9.5              | -10      | 98.80                     | 30.56 | 93.40 | 29.86 | 87.80 | 28.86 | 84.80 | 27.52 | 82.20 | 26.38 | 76.80 | 25.04 |
|        | -8.5              | -9.1     | 98.80                     | 29.92 | 93.40 | 29.22 | 87.80 | 28.26 | 84.80 | 26.94 | 82.20 | 25.82 | 76.80 | 24.52 |
|        | -7                | -7.6     | 98.80                     | 28.98 | 93.40 | 28.28 | 87.80 | 27.34 | 84.80 | 26.06 | 82.20 | 25.00 | 76.80 | 23.70 |
|        | -5                | -5.6     | 98.80                     | 27.76 | 93.40 | 27.02 | 87.80 | 26.12 | 84.80 | 24.92 | 82.20 | 23.94 | 76.80 | 22.70 |
|        | -3                | -3.7     | 98.80                     | 26.54 | 93.40 | 25.80 | 87.80 | 24.94 | 84.80 | 23.78 | 82.20 | 22.86 | 76.80 | 21.66 |
|        | 0                 | -0.7     | 98.80                     | 24.70 | 93.40 | 23.94 | 87.80 | 23.14 | 84.80 | 22.08 | 82.20 | 21.26 | 76.80 | 20.12 |
|        | 3                 | 2.2      | 98.80                     | 22.86 | 93.40 | 22.08 | 87.80 | 21.34 | 84.80 | 20.36 | 82.20 | 19.68 | 76.80 | 18.56 |
|        | 5                 | 4.1      | 93.60                     | 19.96 | 88.00 | 19.14 | 82.40 | 18.46 | 79.40 | 17.58 | 76.80 | 16.96 | 71.20 | 15.90 |
|        | 7                 | 6        | 88.00                     | 17.26 | 82.60 | 16.46 | 76.80 | 15.78 | 73.80 | 15.00 | 71.20 | 14.50 | 65.60 | 13.48 |
|        | 9                 | 7.9      | 82.40                     | 14.22 | 76.80 | 13.50 | 71.20 | 12.86 | 68.00 | 12.22 | 65.40 | 11.76 | 59.60 | 10.88 |
|        | 11                | 9.8      | 76.60                     | 11.96 | 71.00 | 11.32 | 65.20 | 10.76 | 62.20 | 10.18 | 59.40 | 9.76  | 53.60 | 8.96  |
|        | 13                | 11.8     | 70.60                     | 10.06 | 65.00 | 9.46  | 59.00 | 8.94  | 56.00 | 8.44  | 53.20 | 8.08  | 47.40 | 7.36  |
|        | 15                | 13.7     | 64.40                     | 8.44  | 58.60 | 7.90  | 52.80 | 7.44  | 49.60 | 6.98  | 46.80 | 6.66  | 40.80 | 6.04  |
| 60     | -30               | -30.2    | 48.00                     | 37.36 | 48.00 | 37.54 | 47.60 | 41.80 | 46.00 | 39.58 | 44.40 | 37.52 | 41.60 | 35.70 |
|        | -24.8             | -25      | 79.80                     | 37.74 | 79.80 | 37.92 | 75.20 | 36.28 | 72.80 | 34.40 | 70.20 | 32.64 | 65.80 | 31.00 |
|        | -21.8             | -22      | 84.80                     | 37.62 | 80.20 | 36.20 | 75.20 | 34.34 | 72.80 | 32.58 | 70.20 | 30.94 | 65.80 | 29.34 |
|        | -19.8             | -20      | 84.80                     | 36.16 | 80.20 | 34.84 | 75.20 | 33.04 | 72.80 | 31.36 | 70.20 | 29.78 | 65.80 | 28.24 |
|        | -18.8             | -19      | 84.80                     | 35.46 | 80.20 | 34.16 | 75.20 | 32.42 | 72.80 | 30.78 | 70.20 | 29.22 | 65.80 | 27.68 |
|        | -16.7             | -17      | 84.80                     | 34.02 | 80.20 | 32.72 | 75.20 | 31.04 | 72.80 | 29.50 | 70.20 | 28.04 | 65.80 | 26.54 |
|        | -15               | -15.9    | 84.80                     | 33.00 | 80.20 | 31.70 | 75.20 | 30.08 | 72.80 | 28.60 | 70.20 | 27.18 | 65.80 | 25.72 |
|        | -13.7             | -15      | 84.80                     | 31.98 | 80.20 | 30.70 | 75.20 | 29.12 | 72.80 | 27.70 | 70.20 | 26.34 | 65.80 | 24.90 |
|        | -11.8             | -13      | 84.80                     | 30.68 | 80.20 | 29.40 | 75.20 | 27.90 | 72.80 | 26.56 | 70.20 | 25.26 | 65.80 | 23.86 |
|        | -9.8              | -11      | 84.80                     | 29.30 | 80.20 | 28.04 | 75.20 | 26.64 | 72.80 | 25.36 | 70.20 | 24.14 | 65.80 | 22.78 |
|        | -9.5              | -10      | 84.80                     | 29.10 | 80.20 | 27.84 | 75.20 | 26.46 | 72.80 | 25.18 | 70.20 | 23.96 | 65.80 | 22.62 |
|        | -8.5              | -9.1     | 84.80                     | 28.42 | 80.20 | 27.18 | 75.20 | 25.82 | 72.80 | 24.60 | 70.20 | 23.42 | 65.80 | 22.08 |
|        | -7                | -7.6     | 84.80                     | 27.42 | 80.20 | 26.18 | 75.20 | 24.86 | 72.80 | 23.70 | 70.20 | 22.58 | 65.80 | 21.26 |
|        | -5                | -5.6     | 84.80                     | 26.08 | 80.20 | 24.86 | 75.20 | 23.64 | 72.80 | 22.54 | 70.20 | 21.48 | 65.80 | 20.22 |
|        | -3                | -3.7     | 84.80                     | 24.78 | 80.20 | 23.56 | 75.20 | 22.40 | 72.80 | 21.38 | 70.20 | 20.38 | 65.80 | 19.16 |
|        | 0                 | -0.7     | 84.80                     | 22.78 | 80.20 | 21.58 | 75.20 | 20.54 | 72.80 | 19.64 | 70.20 | 18.76 | 65.80 | 17.58 |
|        | 3                 | 2.2      | 84.80                     | 20.80 | 80.20 | 19.62 | 75.20 | 18.68 | 72.80 | 17.90 | 70.20 | 17.12 | 65.80 | 16.00 |
|        | 5                 | 4.1      | 80.20                     | 18.00 | 75.60 | 16.88 | 70.60 | 16.02 | 68.20 | 15.34 | 65.60 | 14.66 | 61.00 | 13.60 |
|        | 7                 | 6        | 75.60                     | 15.42 | 71.00 | 14.34 | 65.80 | 13.58 | 63.40 | 13.00 | 60.80 | 12.40 | 56.20 | 11.44 |
|        | 9                 | 7.9      | 70.80                     | 12.58 | 66.00 | 11.66 | 61.00 | 10.98 | 58.40 | 10.50 | 55.80 | 10.00 | 51.20 | 9.16  |
|        | 11                | 9.8      | 65.80                     | 10.66 | 61.00 | 9.84  | 55.80 | 9.24  | 53.40 | 8.82  | 50.60 | 8.38  | 46.00 | 7.62  |
|        | 13                | 11.8     | 60.60                     | 9.00  | 55.80 | 8.28  | 50.60 | 7.76  | 48.00 | 7.38  | 45.40 | 6.98  | 40.60 | 6.32  |
|        | 15                | 13.7     | 55.40                     | 7.62  | 50.40 | 6.98  | 45.20 | 6.50  | 42.60 | 6.16  | 40.00 | 5.84  | 35.00 | 5.24  |
| 50     | -30               | -30.2    | 44.80                     | 32.28 | 42.20 | 36.00 | 39.60 | 34.10 | 38.40 | 32.34 | 37.00 | 30.62 | 34.60 | 29.12 |
|        | -24.8             | -25      | 70.80                     | 30.98 | 66.80 | 31.24 | 62.80 | 29.60 | 60.80 | 28.08 | 58.60 | 26.64 | 54.60 | 25.28 |
|        | -21.8             | -22      | 70.80                     | 31.18 | 66.80 | 29.56 | 62.80 | 28.02 | 60.80 | 26.58 | 58.60 | 25.24 | 54.60 | 23.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 70.80                     | 30.00 | 66.80 | 28.42 | 62.80 | 26.96 | 60.80 | 25.58 | 58.60 | 24.30 | 54.60 | 23.02 |
|        | -18.8             | -19      | 70.80                     | 29.42 | 66.80 | 27.86 | 62.80 | 26.46 | 60.80 | 25.08 | 58.60 | 23.84 | 54.60 | 22.60 |
|        | -16.7             | -17      | 70.80                     | 28.20 | 66.80 | 26.70 | 62.80 | 25.34 | 60.80 | 24.02 | 58.60 | 22.86 | 54.60 | 21.66 |
|        | -15               | -15.9    | 70.80                     | 27.32 | 66.80 | 25.84 | 62.80 | 24.56 | 60.80 | 23.28 | 58.60 | 22.16 | 54.60 | 20.98 |
|        | -13.7             | -15      | 70.80                     | 26.44 | 66.80 | 25.00 | 62.80 | 23.76 | 60.80 | 22.54 | 58.60 | 21.48 | 54.60 | 20.32 |
|        | -11.8             | -13      | 70.80                     | 25.32 | 66.80 | 23.96 | 62.80 | 22.80 | 60.80 | 21.62 | 58.60 | 20.60 | 54.60 | 19.48 |
|        | -9.8              | -11      | 70.80                     | 24.18 | 66.80 | 22.84 | 62.80 | 21.74 | 60.80 | 20.62 | 58.60 | 19.68 | 54.60 | 18.60 |
|        | -9.5              | -10      | 70.80                     | 24.00 | 66.80 | 22.68 | 62.80 | 21.58 | 60.80 | 20.48 | 58.60 | 19.56 | 54.60 | 18.46 |
|        | -8.5              | -9.1     | 70.80                     | 23.44 | 66.80 | 22.12 | 62.80 | 21.08 | 60.80 | 20.00 | 58.60 | 19.10 | 54.60 | 18.02 |
|        | -7                | -7.6     | 70.80                     | 22.54 | 66.80 | 21.30 | 62.80 | 20.30 | 60.80 | 19.26 | 58.60 | 18.40 | 54.60 | 17.36 |
|        | -5                | -5.6     | 70.80                     | 21.42 | 66.80 | 20.22 | 62.80 | 19.30 | 60.80 | 18.32 | 58.60 | 17.52 | 54.60 | 16.50 |
|        | -3                | -3.7     | 70.80                     | 20.32 | 66.80 | 19.14 | 62.80 | 18.28 | 60.80 | 17.34 | 58.60 | 16.62 | 54.60 | 15.64 |
|        | 0                 | -0.7     | 70.80                     | 18.62 | 66.80 | 17.50 | 62.80 | 16.76 | 60.80 | 15.92 | 58.60 | 15.30 | 54.60 | 14.36 |
|        | 3                 | 2.2      | 70.80                     | 16.92 | 66.80 | 15.90 | 62.80 | 15.26 | 60.80 | 14.48 | 58.60 | 13.96 | 54.60 | 13.08 |
|        | 5                 | 4.1      | 67.00                     | 14.64 | 63.00 | 13.68 | 59.00 | 13.12 | 57.00 | 12.42 | 54.80 | 12.00 | 50.60 | 11.16 |
|        | 7                 | 6        | 63.20                     | 12.54 | 59.00 | 11.66 | 55.00 | 11.16 | 53.00 | 10.56 | 50.80 | 10.20 | 46.60 | 9.44  |
|        | 9                 | 7.9      | 59.00                     | 10.40 | 55.00 | 9.64  | 50.80 | 9.20  | 48.80 | 8.68  | 46.60 | 8.36  | 42.40 | 7.70  |
|        | 11                | 9.8      | 55.00                     | 8.88  | 50.80 | 8.20  | 46.60 | 7.80  | 44.60 | 7.34  | 42.40 | 7.06  | 38.20 | 6.46  |
|        | 13                | 11.8     | 50.60                     | 7.56  | 46.40 | 6.96  | 42.20 | 6.60  | 40.20 | 6.20  | 38.00 | 5.94  | 33.60 | 5.42  |
|        | 15                | 13.7     | 46.20                     | 6.46  | 42.00 | 5.94  | 37.80 | 5.60  | 35.60 | 5.24  | 33.40 | 5.02  | 29.00 | 4.54  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM420LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 52.50                     | 46.13 | 52.50 | 46.28 | 52.10 | 46.42 | 52.10 | 46.62 | 52.10 | 46.84 | 51.10 | 47.12 |
|        | -24.8             | -25      | 87.40                     | 46.41 | 87.40 | 46.56 | 86.90 | 46.69 | 86.90 | 46.90 | 86.90 | 47.09 | 85.20 | 47.38 |
|        | -21.8             | -22      | 106.3                     | 46.56 | 106.3 | 46.71 | 105.7 | 46.85 | 105.7 | 47.05 | 105.7 | 47.23 | 103.6 | 47.54 |
|        | -19.8             | -20      | 112.2                     | 46.67 | 112.2 | 46.82 | 111.3 | 46.95 | 111.3 | 47.14 | 111.3 | 47.34 | 109.3 | 47.64 |
|        | -18.8             | -19      | 114.5                     | 46.70 | 114.5 | 46.86 | 113.8 | 46.99 | 113.8 | 47.19 | 113.8 | 47.38 | 111.6 | 47.69 |
|        | -16.7             | -17      | 119.6                     | 46.82 | 119.6 | 46.97 | 118.8 | 47.10 | 118.8 | 47.30 | 118.8 | 47.48 | 116.6 | 47.79 |
|        | -15               | -15.9    | 123.2                     | 46.88 | 123.2 | 47.03 | 122.4 | 47.16 | 122.4 | 47.36 | 122.4 | 47.55 | 120.1 | 46.83 |
|        | -13.7             | -15      | 126.9                     | 46.97 | 126.9 | 47.11 | 126.1 | 47.24 | 126.1 | 47.44 | 126.1 | 47.64 | 123.7 | 45.91 |
|        | -11.8             | -13      | 131.1                     | 47.06 | 131.1 | 47.21 | 130.1 | 47.35 | 130.1 | 47.54 | 130.1 | 46.38 | 128.2 | 44.71 |
|        | -9.8              | -11      | 135.4                     | 47.16 | 135.4 | 47.31 | 134.6 | 47.44 | 134.6 | 46.23 | 134.6 | 45.07 | 132.8 | 43.47 |
|        | -9.5              | -10      | 136.2                     | 47.18 | 136.2 | 47.32 | 135.3 | 47.23 | 135.3 | 46.03 | 135.3 | 44.88 | 133.5 | 43.29 |
|        | -8.5              | -9.1     | 138.9                     | 47.23 | 138.9 | 47.38 | 137.9 | 46.57 | 137.9 | 45.36 | 137.3 | 44.23 | 135.9 | 42.68 |
|        | -7                | -7.6     | 142.8                     | 47.30 | 142.8 | 46.41 | 141.9 | 45.57 | 141.9 | 44.37 | 141.9 | 43.25 | 139.5 | 41.74 |
|        | -5                | -5.6     | 147.9                     | 46.15 | 147.9 | 45.21 | 147.0 | 44.35 | 147.0 | 43.16 | 147.0 | 42.03 | 144.2 | 40.60 |
|        | -3                | -3.7     | 153.2                     | 45.01 | 153.2 | 44.00 | 152.2 | 43.09 | 152.2 | 41.93 | 152.2 | 40.82 | 148.9 | 39.45 |
|        | 0                 | -0.7     | 161.0                     | 43.29 | 161.0 | 42.22 | 160.1 | 41.23 | 160.1 | 40.11 | 160.1 | 39.01 | 149.3 | 36.13 |
|        | 3                 | 2.2      | 168.9                     | 41.58 | 168.9 | 40.41 | 167.9 | 39.38 | 166.3 | 37.92 | 160.4 | 35.55 | 149.3 | 34.17 |
|        | 5                 | 4.1      | 166.1                     | 37.88 | 161.3 | 35.05 | 160.0 | 34.06 | 155.8 | 32.21 | 149.7 | 30.79 | 138.6 | 29.66 |
|        | 7                 | 6        | 152.9                     | 31.21 | 151.2 | 29.84 | 149.3 | 28.78 | 144.8 | 27.55 | 138.8 | 26.59 | 127.5 | 25.46 |
|        | 9                 | 7.9      | 142.7                     | 27.17 | 140.8 | 25.95 | 138.2 | 24.82 | 133.5 | 23.88 | 127.5 | 22.97 | 116.1 | 21.84 |
| 120    | 11                | 9.8      | 132.7                     | 23.89 | 130.0 | 22.68 | 126.6 | 21.56 | 121.8 | 20.67 | 115.9 | 19.80 | 104.2 | 18.65 |
|        | 13                | 11.8     | 122.3                     | 20.73 | 118.9 | 19.58 | 114.7 | 18.47 | 109.8 | 17.64 | 103.7 | 16.82 | 92.00 | 15.68 |
|        | 15                | 13.7     | 111.5                     | 17.76 | 107.4 | 16.65 | 102.4 | 15.57 | 97.40 | 14.82 | 91.20 | 14.05 | 79.30 | 12.94 |
|        | -30               | -30.2    | 52.10                     | 46.28 | 52.10 | 46.42 | 51.80 | 46.62 | 51.80 | 46.84 | 51.80 | 47.12 | 50.70 | 47.35 |
|        | -24.8             | -25      | 86.80                     | 46.56 | 86.80 | 46.69 | 86.30 | 46.90 | 86.30 | 47.09 | 86.30 | 47.38 | 84.50 | 47.60 |
|        | -21.8             | -22      | 105.6                     | 46.71 | 105.6 | 46.85 | 104.9 | 47.05 | 104.9 | 47.23 | 104.9 | 47.54 | 102.9 | 47.74 |
|        | -19.8             | -20      | 111.3                     | 46.82 | 111.3 | 46.95 | 110.6 | 47.14 | 110.6 | 47.34 | 110.6 | 47.64 | 108.5 | 47.84 |
|        | -18.8             | -19      | 113.8                     | 46.86 | 113.8 | 46.99 | 113.0 | 47.19 | 113.0 | 47.38 | 113.0 | 47.69 | 110.9 | 47.90 |
|        | -16.7             | -17      | 118.8                     | 46.97 | 118.8 | 47.10 | 118.0 | 47.30 | 118.0 | 47.48 | 118.0 | 47.79 | 115.8 | 46.67 |
|        | -15               | -15.9    | 122.4                     | 47.03 | 122.4 | 47.16 | 121.6 | 47.36 | 121.6 | 47.55 | 121.6 | 46.87 | 119.3 | 45.79 |
|        | -13.7             | -15      | 125.9                     | 47.11 | 125.9 | 47.24 | 125.2 | 47.44 | 125.2 | 47.64 | 125.2 | 45.98 | 122.8 | 44.94 |
|        | -11.8             | -13      | 130.0                     | 47.21 | 130.0 | 47.35 | 129.2 | 47.54 | 129.2 | 46.38 | 129.2 | 44.85 | 127.3 | 43.83 |
|        | -9.8              | -11      | 134.4                     | 47.31 | 134.4 | 47.44 | 133.5 | 46.17 | 133.5 | 45.05 | 133.5 | 43.66 | 132.0 | 42.69 |
|        | -9.5              | -10      | 135.3                     | 47.32 | 135.3 | 47.23 | 134.4 | 45.97 | 134.4 | 44.86 | 134.4 | 43.47 | 132.6 | 42.52 |
|        | -8.5              | -9.1     | 137.8                     | 47.38 | 137.8 | 46.50 | 136.9 | 45.28 | 136.9 | 44.21 | 136.9 | 42.88 | 135.1 | 41.94 |
|        | -7                | -7.6     | 141.7                     | 46.32 | 141.7 | 45.43 | 140.8 | 44.26 | 140.8 | 43.21 | 140.8 | 41.99 | 138.4 | 41.08 |
|        | -5                | -5.6     | 147.0                     | 44.98 | 147.0 | 44.08 | 145.9 | 42.97 | 145.9 | 41.98 | 145.9 | 40.90 | 140.3 | 39.23 |
|        | -3                | -3.7     | 152.1                     | 43.66 | 152.1 | 42.75 | 151.2 | 41.70 | 151.2 | 40.76 | 151.0 | 39.77 | 140.3 | 36.97 |
|        | 0                 | -0.7     | 159.9                     | 41.68 | 159.9 | 40.73 | 158.8 | 39.79 | 155.8 | 38.19 | 151.0 | 36.26 | 140.3 | 35.48 |
|        | 3                 | 2.2      | 167.8                     | 39.69 | 167.8 | 38.72 | 161.3 | 36.65 | 155.8 | 35.19 | 151.0 | 34.64 | 140.3 | 33.97 |
| 110    | 5                 | 4.1      | 160.6                     | 34.46 | 158.2 | 33.07 | 151.4 | 31.52 | 145.9 | 30.82 | 141.0 | 30.36 | 130.2 | 29.61 |
|        | 7                 | 6        | 151.2                     | 29.32 | 148.3 | 28.20 | 141.2 | 27.38 | 135.6 | 26.72 | 130.7 | 26.33 | 119.8 | 25.53 |
|        | 9                 | 7.9      | 141.5                     | 25.66 | 138.2 | 24.64 | 130.7 | 23.80 | 125.1 | 23.16 | 120.1 | 22.73 | 109.0 | 21.89 |
|        | 11                | 9.8      | 131.6                     | 22.53 | 127.6 | 21.51 | 119.8 | 20.65 | 114.2 | 20.02 | 109.0 | 19.58 | 97.90 | 18.70 |
|        | 13                | 11.8     | 121.3                     | 19.54 | 116.7 | 18.56 | 108.6 | 17.69 | 102.9 | 17.08 | 97.70 | 16.64 | 86.50 | 15.73 |
|        | 15                | 13.7     | 110.6                     | 16.72 | 105.4 | 15.77 | 96.90 | 14.93 | 91.20 | 14.35 | 85.90 | 13.90 | 74.50 | 13.00 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 51.90                     | 46.42 | 51.90 | 46.62 | 51.50 | 46.84 | 51.50 | 47.12 | 51.50 | 47.35 | 50.50 | 47.43 |
|        | -24.8             | -25      | 86.40                     | 46.69 | 86.40 | 46.90 | 85.70 | 47.09 | 85.70 | 47.38 | 85.70 | 47.60 | 84.10 | 47.70 |
|        | -21.8             | -22      | 104.9                     | 46.85 | 104.9 | 47.05 | 104.2 | 47.23 | 104.2 | 47.54 | 104.2 | 47.74 | 102.3 | 47.85 |
|        | -19.8             | -20      | 110.7                     | 46.95 | 110.7 | 47.14 | 110.1 | 47.34 | 110.1 | 47.64 | 110.1 | 47.84 | 107.8 | 47.94 |
|        | -18.8             | -19      | 113.1                     | 46.99 | 113.1 | 47.19 | 112.4 | 47.38 | 112.4 | 47.69 | 112.4 | 47.90 | 110.3 | 47.29 |
|        | -16.7             | -17      | 118.2                     | 47.10 | 118.2 | 47.30 | 117.3 | 47.48 | 117.3 | 47.79 | 117.3 | 46.57 | 115.1 | 45.94 |
|        | -15               | -15.9    | 121.7                     | 47.16 | 121.7 | 47.36 | 120.9 | 47.55 | 120.9 | 46.79 | 120.9 | 45.63 | 119.8 | 44.96 |
|        | -13.7             | -15      | 125.2                     | 47.24 | 125.2 | 47.44 | 124.5 | 47.64 | 124.5 | 45.81 | 124.5 | 44.70 | 124.5 | 44.01 |
|        | -11.8             | -13      | 129.3                     | 47.35 | 129.3 | 47.54 | 128.6 | 46.25 | 128.6 | 44.56 | 128.6 | 43.51 | 126.2 | 42.00 |
|        | -9.8              | -11      | 133.6                     | 47.44 | 133.6 | 46.00 | 132.8 | 44.81 | 132.8 | 43.24 | 132.8 | 42.27 | 126.2 | 39.74 |
|        | -9.5              | -10      | 134.4                     | 47.19 | 134.4 | 45.76 | 133.6 | 44.59 | 133.6 | 43.06 | 133.6 | 42.08 | 126.2 | 39.22 |
|        | -8.5              | -9.1     | 137.0                     | 46.37 | 137.0 | 44.99 | 136.2 | 43.87 | 136.2 | 42.40 | 135.2 | 41.17 | 126.2 | 38.62 |
|        | -7                | -7.6     | 140.9                     | 45.13 | 140.9 | 43.83 | 140.1 | 42.78 | 139.9 | 41.36 | 135.2 | 39.13 | 126.2 | 37.73 |
|        | -5                | -5.6     | 146.1                     | 43.57 | 146.1 | 42.39 | 144.7 | 41.32 | 139.9 | 38.76 | 135.2 | 37.37 | 126.2 | 36.60 |
|        | -3                | -3.7     | 151.3                     | 42.01 | 151.3 | 40.95 | 144.7 | 38.59 | 139.9 | 36.99 | 135.2 | 36.28 | 126.2 | 35.48 |
|        | 0                 | -0.7     | 158.9                     | 39.68 | 154.1 | 37.59 | 144.7 | 36.11 | 139.9 | 35.26 | 135.2 | 34.65 | 126.2 | 33.79 |
|        | 3                 | 2.2      | 163.1                     | 36.52 | 154.1 | 34.73 | 144.7 | 34.19 | 139.9 | 33.55 | 135.2 | 33.02 | 126.2 | 32.12 |
|        | 5                 | 4.1      | 154.4                     | 31.11 | 145.3 | 30.45 | 135.9 | 29.91 | 131.0 | 29.36 | 126.2 | 28.87 | 117.1 | 27.87 |
|        | 7                 | 6        | 145.4                     | 27.06 | 136.2 | 26.46 | 126.7 | 25.93 | 121.8 | 25.48 | 117.0 | 25.02 | 107.7 | 23.94 |
|        | 9                 | 7.9      | 136.2                     | 23.70 | 126.8 | 23.05 | 117.2 | 22.47 | 112.4 | 22.01 | 107.5 | 21.54 | 98.10 | 20.48 |
|        | 11                | 9.8      | 126.6                     | 20.74 | 117.2 | 20.07 | 107.5 | 19.45 | 102.5 | 18.99 | 97.60 | 18.52 | 88.10 | 17.46 |
|        | 13                | 11.8     | 116.7                     | 17.94 | 107.2 | 17.26 | 97.40 | 16.61 | 92.40 | 16.16 | 87.50 | 15.71 | 77.70 | 14.67 |
|        | 15                | 13.7     | 106.4                     | 15.29 | 96.80 | 14.64 | 86.90 | 13.98 | 81.90 | 13.56 | 76.90 | 13.10 | 67.00 | 12.11 |
| 100    | -30               | -30.2    | 51.50                     | 52.34 | 51.50 | 51.98 | 51.20 | 44.41 | 51.20 | 51.04 | 51.20 | 49.59 | 50.20 | 50.44 |
|        | -24.8             | -25      | 85.90                     | 51.07 | 85.90 | 50.70 | 85.40 | 46.71 | 85.40 | 49.76 | 85.40 | 49.36 | 83.70 | 49.16 |
|        | -21.8             | -22      | 104.4                     | 50.35 | 104.4 | 49.96 | 103.8 | 48.03 | 103.8 | 49.03 | 103.8 | 49.23 | 101.9 | 48.44 |
|        | -19.8             | -20      | 110.3                     | 49.86 | 110.3 | 49.48 | 109.5 | 48.82 | 109.5 | 48.53 | 109.5 | 48.34 | 107.4 | 47.94 |
|        | -18.8             | -19      | 112.6                     | 49.61 | 111.9 | 49.24 | 111.9 | 48.87 | 111.9 | 48.29 | 111.9 | 47.90 | 109.8 | 47.16 |
|        | -16.7             | -17      | 116.9                     | 49.11 | 116.9 | 48.72 | 116.9 | 48.96 | 116.2 | 47.79 | 116.2 | 46.28 | 114.0 | 45.51 |
|        | -15               | -15.9    | 120.8                     | 48.73 | 120.8 | 48.35 | 120.4 | 48.29 | 120.1 | 46.61 | 120.1 | 45.11 | 115.3 | 43.40 |
|        | -13.7             | -15      | 124.6                     | 48.37 | 124.6 | 48.00 | 124.0 | 47.64 | 124.0 | 45.46 | 123.9 | 43.94 | 115.3 | 40.94 |
|        | -11.8             | -13      | 128.6                     | 47.92 | 128.0 | 47.54 | 128.0 | 46.10 | 128.0 | 43.99 | 123.9 | 41.17 | 115.3 | 39.54 |
|        | -9.8              | -11      | 133.0                     | 47.44 | 133.0 | 45.82 | 132.3 | 44.48 | 128.1 | 41.09 | 123.9 | 38.89 | 115.3 | 38.07 |
|        | -9.5              | -10      | 133.6                     | 47.17 | 133.6 | 45.56 | 132.3 | 43.97 | 128.1 | 40.65 | 123.9 | 38.67 | 115.3 | 37.85 |
|        | -8.5              | -9.1     | 136.3                     | 46.28 | 136.3 | 44.71 | 132.3 | 42.34 | 128.1 | 39.32 | 123.9 | 37.94 | 115.3 | 37.11 |
|        | -7                | -7.6     | 142.5                     | 44.94 | 140.7 | 43.06 | 132.3 | 40.02 | 128.1 | 38.22 | 123.9 | 36.87 | 115.3 | 36.02 |
|        | -5                | -5.6     | 148.7                     | 43.25 | 140.7 | 39.94 | 132.3 | 38.59 | 128.1 | 36.85 | 123.9 | 35.53 | 115.3 | 34.64 |
|        | -3                | -3.7     | 149.3                     | 40.58 | 140.7 | 38.12 | 132.3 | 37.16 | 128.1 | 35.48 | 123.9 | 34.17 | 115.3 | 33.26 |
|        | 0                 | -0.7     | 149.3                     | 37.03 | 140.7 | 35.82 | 132.3 | 34.98 | 128.1 | 33.43 | 123.9 | 32.13 | 115.3 | 31.19 |
|        | 3                 | 2.2      | 149.3                     | 34.63 | 140.7 | 33.53 | 132.3 | 32.82 | 128.1 | 31.37 | 123.9 | 30.11 | 115.3 | 29.10 |
|        | 5                 | 4.1      | 141.3                     | 30.31 | 132.7 | 29.24 | 124.2 | 28.54 | 119.9 | 27.24 | 115.7 | 26.04 | 107.0 | 24.96 |
|        | 7                 | 6        | 133.1                     | 26.27 | 124.4 | 25.26 | 115.9 | 24.59 | 111.5 | 23.42 | 107.3 | 22.30 | 98.50 | 21.18 |
|        | 9                 | 7.9      | 124.6                     | 22.94 | 115.9 | 21.96 | 107.1 | 21.28 | 102.9 | 20.20 | 98.50 | 19.16 | 89.60 | 18.09 |
|        | 11                | 9.8      | 115.9                     | 20.03 | 107.0 | 19.06 | 98.30 | 18.37 | 93.90 | 17.38 | 89.50 | 16.44 | 80.50 | 15.40 |
|        | 13                | 11.8     | 106.7                     | 17.28 | 97.90 | 16.37 | 89.00 | 15.66 | 84.60 | 14.77 | 80.20 | 13.92 | 71.00 | 12.92 |
|        | 15                | 13.7     | 97.40                     | 14.70 | 88.40 | 13.85 | 79.40 | 13.16 | 75.00 | 12.38 | 70.50 | 11.60 | 61.30 | 10.68 |
| 90     | -30               | -30.2    | 51.40                     | 45.52 | 51.40 | 45.80 | 51.10 | 46.01 | 51.10 | 46.11 | 51.10 | 46.32 | 50.10 | 50.64 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 85.60                     | 45.77 | 85.60 | 46.08 | 85.10 | 46.29 | 85.10 | 46.39 | 85.10 | 46.59 | 83.50 | 46.90 |
|        | -21.8             | -22      | 104.0                     | 45.92 | 104.0 | 46.23 | 103.4 | 46.44 | 103.4 | 46.54 | 103.4 | 46.75 | 101.5 | 44.76 |
|        | -19.8             | -20      | 109.8                     | 46.04 | 109.8 | 46.33 | 109.1 | 46.55 | 109.1 | 46.65 | 109.1 | 45.30 | 105.4 | 42.66 |
|        | -18.8             | -19      | 112.6                     | 46.09 | 111.9 | 46.39 | 111.5 | 46.60 | 111.5 | 45.90 | 111.5 | 44.56 | 105.4 | 41.11 |
|        | -16.7             | -17      | 116.9                     | 46.19 | 116.9 | 46.49 | 116.4 | 45.05 | 116.4 | 44.34 | 113.6 | 42.03 | 105.4 | 39.04 |
|        | -15               | -15.9    | 120.8                     | 46.26 | 120.8 | 45.35 | 119.9 | 43.96 | 117.3 | 42.29 | 113.6 | 40.39 | 105.4 | 38.04 |
|        | -13.7             | -15      | 124.6                     | 46.35 | 124.6 | 44.22 | 121.0 | 42.03 | 117.3 | 40.04 | 113.6 | 38.80 | 105.4 | 37.06 |
|        | -11.8             | -13      | 128.6                     | 44.81 | 128.0 | 42.79 | 121.0 | 39.37 | 117.3 | 38.64 | 113.6 | 37.52 | 105.4 | 35.79 |
|        | -9.8              | -11      | 133.0                     | 43.20 | 128.6 | 39.92 | 121.0 | 38.00 | 117.3 | 37.26 | 113.6 | 36.17 | 105.4 | 34.48 |
|        | -9.5              | -10      | 133.6                     | 42.95 | 128.6 | 39.52 | 121.0 | 37.80 | 117.3 | 37.04 | 113.6 | 35.97 | 105.4 | 34.28 |
|        | -8.5              | -9.1     | 136.3                     | 42.14 | 128.6 | 38.31 | 121.0 | 37.12 | 117.3 | 36.36 | 113.6 | 35.30 | 105.4 | 33.63 |
|        | -7                | -7.6     | 136.7                     | 39.27 | 128.6 | 37.21 | 121.0 | 36.10 | 117.3 | 35.33 | 113.6 | 34.29 | 105.4 | 32.64 |
|        | -5                | -5.6     | 136.7                     | 37.40 | 128.6 | 35.88 | 121.0 | 34.81 | 117.3 | 34.02 | 113.6 | 33.03 | 105.4 | 31.42 |
|        | -3                | -3.7     | 136.7                     | 35.96 | 128.6 | 34.54 | 121.0 | 33.54 | 117.3 | 32.72 | 113.6 | 31.75 | 105.4 | 30.16 |
|        | 0                 | -0.7     | 136.7                     | 33.81 | 128.6 | 32.54 | 121.0 | 31.62 | 117.3 | 30.77 | 113.6 | 29.86 | 105.4 | 28.32 |
|        | 3                 | 2.2      | 136.7                     | 31.65 | 128.6 | 30.56 | 121.0 | 29.70 | 117.3 | 28.82 | 113.6 | 27.96 | 105.4 | 26.45 |
|        | 5                 | 4.1      | 129.4                     | 27.75 | 121.3 | 26.75 | 113.6 | 25.90 | 109.8 | 25.03 | 106.1 | 24.22 | 97.80 | 22.76 |
|        | 7                 | 6        | 121.8                     | 24.12 | 113.7 | 23.21 | 105.9 | 22.39 | 102.2 | 21.52 | 98.30 | 20.79 | 90.00 | 19.38 |
|        | 9                 | 7.9      | 114.1                     | 20.84 | 105.9 | 19.97 | 98.10 | 19.18 | 94.20 | 18.38 | 90.30 | 17.69 | 81.90 | 16.39 |
|        | 11                | 9.8      | 106.1                     | 17.82 | 97.80 | 17.01 | 89.90 | 16.24 | 86.00 | 15.53 | 82.10 | 14.89 | 73.50 | 13.70 |
|        | 13                | 11.8     | 97.80                     | 15.09 | 89.50 | 14.31 | 81.50 | 13.59 | 77.40 | 12.95 | 73.50 | 12.38 | 64.90 | 11.30 |
|        | 15                | 13.7     | 89.20                     | 12.60 | 80.70 | 11.88 | 72.70 | 11.21 | 68.60 | 10.65 | 64.60 | 10.14 | 56.00 | 9.18  |
| 80     | -30               | -30.2    | 51.10                     | 40.18 | 51.10 | 40.52 | 50.80 | 40.76 | 50.80 | 40.47 | 50.80 | 44.94 | 49.80 | 43.07 |
|        | -24.8             | -25      | 85.30                     | 40.51 | 85.30 | 40.83 | 84.70 | 41.04 | 84.70 | 41.14 | 84.70 | 41.65 | 83.10 | 39.90 |
|        | -21.8             | -22      | 103.0                     | 40.70 | 103.0 | 41.00 | 103.0 | 41.21 | 103.0 | 41.51 | 101.2 | 39.08 | 94.20 | 36.13 |
|        | -19.8             | -20      | 108.7                     | 40.81 | 108.7 | 41.11 | 108.3 | 41.28 | 105.0 | 38.83 | 101.2 | 36.53 | 94.20 | 34.97 |
|        | -18.8             | -19      | 111.0                     | 40.88 | 111.0 | 41.38 | 108.3 | 39.75 | 105.0 | 37.49 | 101.2 | 35.95 | 94.20 | 34.42 |
|        | -16.7             | -17      | 114.2                     | 41.29 | 114.2 | 39.99 | 108.3 | 37.34 | 105.0 | 36.20 | 101.2 | 34.70 | 94.20 | 33.23 |
|        | -15               | -15.9    | 116.8                     | 40.25 | 115.3 | 38.90 | 108.3 | 36.38 | 105.0 | 35.25 | 101.2 | 33.81 | 94.20 | 32.37 |
|        | -13.7             | -15      | 119.3                     | 39.24 | 115.3 | 37.46 | 108.3 | 35.45 | 105.0 | 34.33 | 101.2 | 32.95 | 94.20 | 31.53 |
|        | -11.8             | -13      | 122.4                     | 37.95 | 115.3 | 35.69 | 108.3 | 34.26 | 105.0 | 33.18 | 101.2 | 31.84 | 94.20 | 30.47 |
|        | -9.8              | -11      | 122.4                     | 35.63 | 115.3 | 33.95 | 108.3 | 33.03 | 105.0 | 31.94 | 101.2 | 30.68 | 94.20 | 29.36 |
|        | -9.5              | -10      | 122.4                     | 35.19 | 115.3 | 33.58 | 108.3 | 32.84 | 105.0 | 31.76 | 101.2 | 30.50 | 94.20 | 29.19 |
|        | -8.5              | -9.1     | 122.4                     | 34.23 | 115.3 | 32.86 | 108.3 | 32.22 | 105.0 | 31.15 | 101.2 | 29.93 | 94.20 | 28.65 |
|        | -7                | -7.6     | 122.4                     | 32.95 | 115.3 | 31.92 | 108.3 | 31.30 | 105.0 | 30.23 | 101.2 | 29.07 | 94.20 | 27.80 |
|        | -5                | -5.6     | 122.4                     | 31.74 | 115.3 | 30.79 | 108.3 | 30.13 | 105.0 | 29.09 | 101.2 | 27.97 | 94.20 | 26.76 |
|        | -3                | -3.7     | 122.4                     | 30.54 | 115.3 | 29.62 | 108.3 | 28.96 | 105.0 | 27.93 | 101.2 | 26.88 | 94.20 | 25.71 |
|        | 0                 | -0.7     | 122.4                     | 28.74 | 115.3 | 27.88 | 108.3 | 27.21 | 105.0 | 26.20 | 101.2 | 25.24 | 94.20 | 24.13 |
|        | 3                 | 2.2      | 122.4                     | 26.94 | 115.3 | 26.14 | 108.3 | 25.45 | 105.0 | 24.47 | 101.2 | 23.62 | 94.20 | 22.57 |
|        | 5                 | 4.1      | 115.9                     | 23.68 | 108.8 | 22.91 | 101.6 | 22.19 | 98.30 | 21.25 | 94.50 | 20.49 | 87.50 | 19.46 |
|        | 7                 | 6        | 109.1                     | 20.65 | 101.9 | 19.90 | 94.80 | 19.16 | 91.40 | 18.28 | 87.60 | 17.59 | 80.40 | 16.62 |
|        | 9                 | 7.9      | 102.2                     | 17.62 | 94.90 | 16.92 | 87.70 | 16.21 | 84.30 | 15.43 | 80.40 | 14.81 | 73.20 | 13.91 |
|        | 11                | 9.8      | 94.90                     | 14.76 | 87.70 | 14.11 | 80.40 | 13.47 | 76.90 | 12.77 | 73.10 | 12.22 | 65.70 | 11.40 |
|        | 13                | 11.8     | 87.50                     | 12.34 | 80.20 | 11.74 | 72.90 | 11.14 | 69.30 | 10.54 | 65.50 | 10.06 | 58.10 | 9.31  |
|        | 15                | 13.7     | 79.80                     | 10.32 | 72.40 | 9.77  | 65.10 | 9.21  | 61.50 | 8.70  | 57.50 | 8.27  | 50.00 | 7.59  |
| 70     | -30               | -30.2    | 51.10                     | 39.81 | 51.10 | 39.91 | 50.80 | 40.13 | 50.80 | 44.28 | 50.80 | 42.18 | 49.80 | 40.24 |
|        | -24.8             | -25      | 85.30                     | 40.12 | 85.30 | 40.22 | 84.70 | 40.43 | 84.70 | 40.72 | 84.70 | 38.82 | 80.60 | 35.91 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 97.90                     | 40.30 | 97.90 | 40.40 | 92.20 | 38.51 | 89.00 | 36.70 | 86.40 | 34.99 | 80.60 | 33.35 |
|        | -19.8             | -20      | 103.8                     | 39.51 | 98.00 | 38.42 | 92.20 | 37.15 | 89.00 | 35.41 | 86.40 | 33.80 | 80.60 | 32.19 |
|        | -18.8             | -19      | 103.8                     | 38.38 | 98.00 | 37.74 | 92.20 | 36.48 | 89.00 | 34.76 | 86.40 | 33.19 | 80.60 | 31.61 |
|        | -16.7             | -17      | 103.8                     | 36.95 | 98.00 | 36.27 | 92.20 | 35.07 | 89.00 | 33.42 | 86.40 | 31.93 | 80.60 | 30.38 |
|        | -15               | -15.9    | 103.8                     | 35.91 | 98.00 | 35.23 | 92.20 | 34.06 | 89.00 | 32.46 | 86.40 | 31.03 | 80.60 | 29.51 |
|        | -13.7             | -15      | 103.8                     | 34.89 | 98.00 | 34.20 | 92.20 | 33.07 | 89.00 | 31.51 | 86.40 | 30.14 | 80.60 | 28.66 |
|        | -11.8             | -13      | 103.8                     | 33.59 | 98.00 | 32.89 | 92.20 | 31.81 | 89.00 | 30.31 | 86.40 | 29.01 | 80.60 | 27.57 |
|        | -9.8              | -11      | 103.8                     | 32.25 | 98.00 | 31.51 | 92.20 | 30.48 | 89.00 | 29.06 | 86.40 | 27.84 | 80.60 | 26.43 |
|        | -9.5              | -10      | 103.8                     | 32.04 | 98.00 | 31.31 | 92.20 | 30.27 | 89.00 | 28.87 | 86.40 | 27.67 | 80.60 | 26.26 |
|        | -8.5              | -9.1     | 103.8                     | 31.37 | 98.00 | 30.63 | 92.20 | 29.62 | 89.00 | 28.23 | 86.40 | 27.06 | 80.60 | 25.70 |
|        | -7                | -7.6     | 103.8                     | 30.36 | 98.00 | 29.62 | 92.20 | 28.64 | 89.00 | 27.30 | 86.40 | 26.19 | 80.60 | 24.83 |
|        | -5                | -5.6     | 103.8                     | 29.08 | 98.00 | 28.31 | 92.20 | 27.37 | 89.00 | 26.11 | 86.40 | 25.08 | 80.60 | 23.77 |
|        | -3                | -3.7     | 103.8                     | 27.80 | 98.00 | 27.02 | 92.20 | 26.13 | 89.00 | 24.92 | 86.40 | 23.95 | 80.60 | 22.69 |
|        | 0                 | -0.7     | 103.8                     | 25.87 | 98.00 | 25.08 | 92.20 | 24.24 | 89.00 | 23.13 | 86.40 | 22.28 | 80.60 | 21.07 |
|        | 3                 | 2.2      | 103.8                     | 23.95 | 98.00 | 23.13 | 92.20 | 22.36 | 89.00 | 21.33 | 86.40 | 20.62 | 80.60 | 19.44 |
|        | 5                 | 4.1      | 98.30                     | 20.91 | 92.40 | 20.06 | 86.50 | 19.32 | 83.30 | 18.41 | 80.70 | 17.77 | 74.80 | 16.66 |
|        | 7                 | 6        | 92.50                     | 18.08 | 86.70 | 17.24 | 80.70 | 16.53 | 77.50 | 15.72 | 74.80 | 15.19 | 68.80 | 14.13 |
|        | 9                 | 7.9      | 86.60                     | 14.89 | 80.60 | 14.15 | 74.70 | 13.49 | 71.40 | 12.81 | 68.70 | 12.34 | 62.60 | 11.41 |
|        | 11                | 9.8      | 80.50                     | 12.55 | 74.50 | 11.88 | 68.50 | 11.30 | 65.30 | 10.69 | 62.40 | 10.26 | 56.30 | 9.43  |
|        | 13                | 11.8     | 74.20                     | 10.56 | 68.20 | 9.94  | 62.00 | 9.41  | 58.80 | 8.89  | 55.90 | 8.51  | 49.70 | 7.77  |
|        | 15                | 13.7     | 67.70                     | 8.88  | 61.50 | 8.34  | 55.40 | 7.85  | 52.10 | 7.39  | 49.20 | 7.05  | 42.80 | 6.41  |
| 60     | -30               | -30.2    | 50.30                     | 39.51 | 50.30 | 39.72 | 50.00 | 44.21 | 48.30 | 41.87 | 46.60 | 39.72 | 43.60 | 37.75 |
|        | -24.8             | -25      | 83.80                     | 39.83 | 83.80 | 40.03 | 79.00 | 38.27 | 76.40 | 36.29 | 73.70 | 34.43 | 69.00 | 32.69 |
|        | -21.8             | -22      | 89.00                     | 39.64 | 84.20 | 38.14 | 79.00 | 36.17 | 76.40 | 34.33 | 73.70 | 32.59 | 69.00 | 30.90 |
|        | -19.8             | -20      | 89.00                     | 38.06 | 84.20 | 36.67 | 79.00 | 34.78 | 76.40 | 33.01 | 73.70 | 31.35 | 69.00 | 29.72 |
|        | -18.8             | -19      | 89.00                     | 37.32 | 84.20 | 35.94 | 79.00 | 34.10 | 76.40 | 32.37 | 73.70 | 30.74 | 69.00 | 29.13 |
|        | -16.7             | -17      | 89.00                     | 35.77 | 84.20 | 34.40 | 79.00 | 32.63 | 76.40 | 31.01 | 73.70 | 29.47 | 69.00 | 27.90 |
|        | -15               | -15.9    | 89.00                     | 34.66 | 84.20 | 33.30 | 79.00 | 31.60 | 76.40 | 30.04 | 73.70 | 28.55 | 69.00 | 27.02 |
|        | -13.7             | -15      | 89.00                     | 33.57 | 84.20 | 32.23 | 79.00 | 30.58 | 76.40 | 29.08 | 73.70 | 27.65 | 69.00 | 26.15 |
|        | -11.8             | -13      | 89.00                     | 32.18 | 84.20 | 30.84 | 79.00 | 29.28 | 76.40 | 27.86 | 73.70 | 26.51 | 69.00 | 25.03 |
|        | -9.8              | -11      | 89.00                     | 30.72 | 84.20 | 29.40 | 79.00 | 27.93 | 76.40 | 26.58 | 73.70 | 25.30 | 69.00 | 23.88 |
|        | -9.5              | -10      | 89.00                     | 30.50 | 84.20 | 29.19 | 79.00 | 27.73 | 76.40 | 26.39 | 73.70 | 25.12 | 69.00 | 23.71 |
|        | -8.5              | -9.1     | 89.00                     | 29.78 | 84.20 | 28.47 | 79.00 | 27.05 | 76.40 | 25.76 | 73.70 | 24.53 | 69.00 | 23.13 |
|        | -7                | -7.6     | 89.00                     | 28.70 | 84.20 | 27.41 | 79.00 | 26.03 | 76.40 | 24.81 | 73.70 | 23.64 | 69.00 | 22.26 |
|        | -5                | -5.6     | 89.00                     | 27.31 | 84.20 | 26.03 | 79.00 | 24.75 | 76.40 | 23.60 | 73.70 | 22.49 | 69.00 | 21.17 |
|        | -3                | -3.7     | 89.00                     | 25.94 | 84.20 | 24.66 | 79.00 | 23.45 | 76.40 | 22.39 | 73.70 | 21.34 | 69.00 | 20.06 |
|        | 0                 | -0.7     | 89.00                     | 23.85 | 84.20 | 22.60 | 79.00 | 21.51 | 76.40 | 20.56 | 73.70 | 19.64 | 69.00 | 18.41 |
|        | 3                 | 2.2      | 89.00                     | 21.78 | 84.20 | 20.54 | 79.00 | 19.57 | 76.40 | 18.74 | 73.70 | 17.93 | 69.00 | 16.75 |
|        | 5                 | 4.1      | 84.20                     | 18.85 | 79.40 | 17.67 | 74.20 | 16.78 | 71.60 | 16.06 | 68.80 | 15.35 | 64.00 | 14.25 |
|        | 7                 | 6        | 79.30                     | 16.15 | 74.50 | 15.03 | 69.10 | 14.22 | 66.50 | 13.63 | 63.80 | 13.01 | 58.90 | 12.00 |
|        | 9                 | 7.9      | 74.30                     | 13.18 | 69.30 | 12.22 | 64.00 | 11.53 | 61.30 | 11.02 | 58.60 | 10.50 | 53.70 | 9.62  |
|        | 11                | 9.8      | 69.10                     | 11.18 | 64.00 | 10.34 | 58.70 | 9.71  | 56.00 | 9.27  | 53.20 | 8.81  | 48.20 | 8.02  |
|        | 13                | 11.8     | 63.60                     | 9.47  | 58.60 | 8.72  | 53.20 | 8.17  | 50.40 | 7.77  | 47.70 | 7.37  | 42.50 | 6.69  |
|        | 15                | 13.7     | 58.10                     | 8.04  | 52.90 | 7.38  | 47.50 | 6.88  | 44.70 | 6.53  | 41.90 | 6.19  | 36.70 | 5.58  |
| 50     | -30               | -30.2    | 47.00                     | 34.09 | 44.30 | 38.07 | 41.60 | 36.05 | 40.30 | 34.18 | 38.90 | 32.38 | 36.30 | 30.78 |
|        | -24.8             | -25      | 74.30                     | 32.65 | 70.10 | 32.93 | 65.90 | 31.21 | 63.80 | 29.60 | 61.60 | 28.08 | 57.40 | 26.65 |
|        | -21.8             | -22      | 74.30                     | 32.83 | 70.10 | 31.12 | 65.90 | 29.50 | 63.80 | 27.99 | 61.60 | 26.57 | 57.40 | 25.19 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 74.30                     | 31.57 | 70.10 | 29.90 | 65.90 | 28.36 | 63.80 | 26.91 | 61.60 | 25.56 | 57.40 | 24.23 |
|        | -18.8             | -19      | 74.30                     | 30.94 | 70.10 | 29.30 | 65.90 | 27.81 | 63.80 | 26.37 | 61.60 | 25.07 | 57.40 | 23.76 |
|        | -16.7             | -17      | 74.30                     | 29.62 | 70.10 | 28.04 | 65.90 | 26.63 | 63.80 | 25.24 | 61.60 | 24.02 | 57.40 | 22.75 |
|        | -15               | -15.9    | 74.30                     | 28.68 | 70.10 | 27.13 | 65.90 | 25.78 | 63.80 | 24.45 | 61.60 | 23.27 | 57.40 | 22.03 |
|        | -13.7             | -15      | 74.30                     | 27.74 | 70.10 | 26.24 | 65.90 | 24.93 | 63.80 | 23.66 | 61.60 | 22.54 | 57.40 | 21.32 |
|        | -11.8             | -13      | 74.30                     | 26.56 | 70.10 | 25.11 | 65.90 | 23.90 | 63.80 | 22.67 | 61.60 | 21.60 | 57.40 | 20.42 |
|        | -9.8              | -11      | 74.30                     | 25.33 | 70.10 | 23.93 | 65.90 | 22.78 | 63.80 | 21.60 | 61.60 | 20.62 | 57.40 | 19.48 |
|        | -9.5              | -10      | 74.30                     | 25.14 | 70.10 | 23.75 | 65.90 | 22.61 | 63.80 | 21.45 | 61.60 | 20.48 | 57.40 | 19.34 |
|        | -8.5              | -9.1     | 74.30                     | 24.54 | 70.10 | 23.16 | 65.90 | 22.07 | 63.80 | 20.93 | 61.60 | 19.99 | 57.40 | 18.87 |
|        | -7                | -7.6     | 74.30                     | 23.60 | 70.10 | 22.28 | 65.90 | 21.24 | 63.80 | 20.16 | 61.60 | 19.26 | 57.40 | 18.16 |
|        | -5                | -5.6     | 74.30                     | 22.42 | 70.10 | 21.15 | 65.90 | 20.19 | 63.80 | 19.16 | 61.60 | 18.34 | 57.40 | 17.27 |
|        | -3                | -3.7     | 74.30                     | 21.26 | 70.10 | 20.02 | 65.90 | 19.13 | 63.80 | 18.15 | 61.60 | 17.40 | 57.40 | 16.37 |
|        | 0                 | -0.7     | 74.30                     | 19.48 | 70.10 | 18.32 | 65.90 | 17.54 | 63.80 | 16.65 | 61.60 | 16.01 | 57.40 | 15.03 |
|        | 3                 | 2.2      | 74.30                     | 17.71 | 70.10 | 16.64 | 65.90 | 15.97 | 63.80 | 15.16 | 61.60 | 14.61 | 57.40 | 13.69 |
|        | 5                 | 4.1      | 70.30                     | 15.33 | 66.10 | 14.32 | 61.90 | 13.73 | 59.80 | 13.01 | 57.60 | 12.57 | 53.20 | 11.69 |
|        | 7                 | 6        | 66.30                     | 13.13 | 61.90 | 12.22 | 57.70 | 11.70 | 55.60 | 11.07 | 53.40 | 10.69 | 49.00 | 9.90  |
|        | 9                 | 7.9      | 62.00                     | 10.90 | 57.70 | 10.11 | 53.40 | 9.66  | 51.20 | 9.12  | 49.00 | 8.78  | 44.60 | 8.09  |
|        | 11                | 9.8      | 57.70                     | 9.33  | 53.30 | 8.63  | 48.90 | 8.20  | 46.80 | 7.73  | 44.50 | 7.43  | 40.10 | 6.82  |
|        | 13                | 11.8     | 53.10                     | 7.97  | 48.70 | 7.34  | 44.30 | 6.97  | 42.20 | 6.56  | 39.90 | 6.29  | 35.30 | 5.75  |
|        | 15                | 13.7     | 48.50                     | 6.83  | 44.10 | 6.28  | 39.60 | 5.94  | 37.30 | 5.57  | 35.10 | 5.34  | 30.50 | 4.85  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM440LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 54.20                     | 48.64 | 54.20 | 48.93 | 53.80 | 49.19 | 53.80 | 49.56 | 53.80 | 49.96 | 52.80 | 50.55 |
|        | -24.8             | -25      | 90.30                     | 49.59 | 90.30 | 49.89 | 89.60 | 50.14 | 89.60 | 50.53 | 89.60 | 50.91 | 88.10 | 51.49 |
|        | -21.8             | -22      | 110.6                     | 50.14 | 110.6 | 50.44 | 109.9 | 50.70 | 109.9 | 51.09 | 109.9 | 51.46 | 107.7 | 52.05 |
|        | -19.8             | -20      | 117.1                     | 50.52 | 117.1 | 50.81 | 116.2 | 51.07 | 116.2 | 51.46 | 116.2 | 51.83 | 114.1 | 52.42 |
|        | -18.8             | -19      | 119.7                     | 50.69 | 119.7 | 51.00 | 118.9 | 51.25 | 118.9 | 51.64 | 118.9 | 52.01 | 116.6 | 52.60 |
|        | -16.7             | -17      | 125.1                     | 51.09 | 125.1 | 51.38 | 124.3 | 51.64 | 124.3 | 52.03 | 124.3 | 52.40 | 122.0 | 52.99 |
|        | -15               | -15.9    | 128.9                     | 51.36 | 128.9 | 51.66 | 128.2 | 51.91 | 128.2 | 52.30 | 128.2 | 52.68 | 125.7 | 52.01 |
|        | -13.7             | -15      | 132.9                     | 51.65 | 132.9 | 51.93 | 132.1 | 52.19 | 132.1 | 52.58 | 132.1 | 52.96 | 129.5 | 51.03 |
|        | -11.8             | -13      | 137.2                     | 51.99 | 137.2 | 52.28 | 136.3 | 52.54 | 136.3 | 52.94 | 136.3 | 51.64 | 134.3 | 49.79 |
|        | -9.8              | -11      | 141.7                     | 52.36 | 141.7 | 52.66 | 140.9 | 52.91 | 140.9 | 51.56 | 140.9 | 50.27 | 139.3 | 48.49 |
|        | -9.5              | -10      | 142.5                     | 52.43 | 142.5 | 52.70 | 141.7 | 52.69 | 141.7 | 51.35 | 141.6 | 50.07 | 140.0 | 48.29 |
|        | -8.5              | -9.1     | 145.3                     | 52.60 | 145.3 | 52.89 | 144.4 | 51.99 | 144.4 | 50.64 | 143.8 | 49.38 | 142.6 | 47.64 |
|        | -7                | -7.6     | 149.5                     | 52.88 | 149.5 | 51.88 | 148.4 | 50.94 | 148.4 | 49.61 | 148.4 | 48.34 | 146.4 | 46.67 |
|        | -5                | -5.6     | 154.9                     | 51.60 | 154.9 | 50.53 | 153.9 | 49.56 | 153.9 | 48.25 | 153.9 | 46.99 | 151.3 | 45.39 |
|        | -3                | -3.7     | 160.4                     | 50.31 | 160.4 | 49.19 | 159.4 | 48.17 | 159.4 | 46.87 | 159.4 | 45.63 | 156.1 | 44.04 |
|        | 0                 | -0.7     | 168.6                     | 48.40 | 168.6 | 47.20 | 167.5 | 46.09 | 167.5 | 44.83 | 167.5 | 43.61 | 156.4 | 40.22 |
|        | 3                 | 2.2      | 176.9                     | 46.48 | 176.9 | 45.17 | 175.7 | 44.03 | 174.2 | 42.41 | 168.0 | 39.76 | 156.4 | 38.21 |
|        | 5                 | 4.1      | 174.1                     | 42.56 | 168.8 | 39.38 | 167.5 | 38.26 | 163.2 | 36.19 | 156.8 | 34.59 | 145.2 | 33.34 |
|        | 7                 | 6        | 160.1                     | 35.24 | 158.3 | 33.67 | 156.3 | 32.49 | 151.7 | 31.13 | 145.4 | 30.04 | 133.5 | 28.77 |
|        | 9                 | 7.9      | 149.4                     | 30.80 | 147.4 | 29.43 | 144.6 | 28.16 | 139.9 | 27.12 | 133.5 | 26.08 | 121.6 | 24.80 |
| 120    | 11                | 9.8      | 138.9                     | 27.19 | 136.1 | 25.84 | 132.6 | 24.59 | 127.6 | 23.58 | 121.4 | 22.59 | 109.1 | 21.29 |
|        | 13                | 11.8     | 128.0                     | 23.72 | 124.5 | 22.40 | 120.1 | 21.14 | 115.0 | 20.21 | 108.6 | 19.27 | 96.40 | 17.97 |
|        | 15                | 13.7     | 116.7                     | 20.39 | 112.4 | 19.12 | 107.2 | 17.89 | 102.0 | 17.02 | 95.50 | 16.15 | 83.10 | 14.87 |
|        | -30               | -30.2    | 53.80                     | 48.93 | 53.80 | 49.19 | 53.40 | 49.56 | 53.40 | 49.96 | 53.40 | 50.55 | 52.40 | 50.96 |
|        | -24.8             | -25      | 89.60                     | 49.89 | 89.60 | 50.14 | 89.00 | 50.53 | 89.00 | 50.91 | 89.00 | 51.49 | 87.40 | 51.91 |
|        | -21.8             | -22      | 109.9                     | 50.44 | 109.9 | 50.70 | 109.1 | 51.09 | 109.1 | 51.46 | 109.1 | 52.05 | 107.1 | 52.46 |
|        | -19.8             | -20      | 116.2                     | 50.81 | 116.2 | 51.07 | 115.5 | 51.46 | 115.5 | 51.83 | 115.5 | 52.42 | 113.2 | 52.82 |
|        | -18.8             | -19      | 118.8                     | 51.00 | 118.8 | 51.25 | 118.0 | 51.64 | 118.0 | 52.01 | 118.0 | 52.60 | 115.8 | 53.01 |
|        | -16.7             | -17      | 124.2                     | 51.38 | 124.2 | 51.64 | 123.4 | 52.03 | 123.4 | 52.40 | 123.4 | 52.99 | 121.0 | 51.74 |
|        | -15               | -15.9    | 128.1                     | 51.66 | 128.1 | 51.91 | 127.2 | 52.30 | 127.2 | 52.68 | 127.2 | 52.05 | 124.8 | 50.84 |
|        | -13.7             | -15      | 131.8                     | 51.93 | 131.8 | 52.19 | 131.1 | 52.58 | 131.1 | 52.96 | 131.1 | 51.11 | 128.6 | 49.95 |
|        | -11.8             | -13      | 136.2                     | 52.28 | 136.2 | 52.54 | 135.3 | 52.94 | 135.3 | 51.63 | 135.3 | 49.93 | 133.4 | 48.81 |
|        | -9.8              | -11      | 140.6                     | 52.66 | 140.6 | 52.91 | 139.8 | 51.48 | 139.8 | 50.24 | 139.8 | 48.69 | 138.4 | 47.62 |
|        | -9.5              | -10      | 141.6                     | 52.70 | 141.6 | 52.68 | 140.6 | 51.28 | 140.6 | 50.04 | 140.6 | 48.49 | 139.1 | 47.43 |
|        | -8.5              | -9.1     | 144.2                     | 52.89 | 144.2 | 51.91 | 143.3 | 50.55 | 143.3 | 49.35 | 143.3 | 47.88 | 141.6 | 46.83 |
|        | -7                | -7.6     | 148.3                     | 51.77 | 148.3 | 50.77 | 147.4 | 49.47 | 147.4 | 48.30 | 147.4 | 46.95 | 145.2 | 45.93 |
|        | -5                | -5.6     | 153.9                     | 50.28 | 153.9 | 49.27 | 152.8 | 48.03 | 152.8 | 46.93 | 152.8 | 45.72 | 146.9 | 43.72 |
|        | -3                | -3.7     | 159.2                     | 48.80 | 159.2 | 47.79 | 158.3 | 46.61 | 158.3 | 45.57 | 158.1 | 44.48 | 146.9 | 41.35 |
|        | 0                 | -0.7     | 167.4                     | 46.59 | 167.4 | 45.54 | 166.3 | 44.48 | 163.2 | 42.70 | 158.1 | 40.55 | 146.9 | 39.68 |
|        | 3                 | 2.2      | 175.6                     | 44.37 | 175.6 | 43.29 | 168.8 | 40.96 | 163.2 | 39.36 | 158.1 | 38.74 | 146.9 | 38.00 |
| 110    | 5                 | 4.1      | 168.2                     | 38.72 | 165.7 | 37.17 | 158.5 | 35.41 | 152.8 | 34.63 | 147.6 | 34.11 | 136.3 | 33.29 |
|        | 7                 | 6        | 158.4                     | 33.10 | 155.4 | 31.81 | 147.7 | 30.91 | 142.1 | 30.16 | 136.8 | 29.73 | 125.4 | 28.84 |
|        | 9                 | 7.9      | 148.3                     | 29.07 | 144.8 | 27.93 | 136.7 | 26.99 | 131.1 | 26.26 | 125.7 | 25.79 | 114.2 | 24.84 |
|        | 11                | 9.8      | 137.9                     | 25.63 | 133.7 | 24.49 | 125.3 | 23.51 | 119.6 | 22.81 | 114.2 | 22.31 | 102.5 | 21.31 |
|        | 13                | 11.8     | 127.1                     | 22.32 | 122.3 | 21.21 | 113.6 | 20.23 | 107.8 | 19.53 | 102.3 | 19.03 | 90.50 | 17.99 |
|        | 15                | 13.7     | 115.9                     | 19.17 | 110.4 | 18.08 | 101.4 | 17.11 | 95.50 | 16.45 | 89.90 | 15.93 | 78.00 | 14.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 53.60                     | 49.19 | 53.60 | 49.56 | 53.20 | 49.96 | 53.20 | 50.55 | 53.20 | 50.96 | 52.10 | 51.15 |
|        | -24.8             | -25      | 89.20                     | 50.14 | 89.20 | 50.53 | 88.60 | 50.91 | 88.60 | 51.49 | 88.60 | 51.91 | 86.80 | 52.11 |
|        | -21.8             | -22      | 109.2                     | 50.70 | 109.2 | 51.09 | 108.4 | 51.46 | 108.4 | 52.05 | 108.4 | 52.46 | 106.5 | 52.65 |
|        | -19.8             | -20      | 115.6                     | 51.07 | 115.6 | 51.46 | 114.9 | 51.83 | 114.9 | 52.42 | 114.9 | 52.82 | 112.6 | 53.02 |
|        | -18.8             | -19      | 118.1                     | 51.25 | 118.1 | 51.64 | 117.4 | 52.01 | 117.4 | 52.60 | 117.4 | 53.01 | 115.2 | 52.35 |
|        | -16.7             | -17      | 123.6                     | 51.64 | 123.6 | 52.03 | 122.7 | 52.40 | 122.7 | 52.99 | 122.7 | 51.65 | 120.4 | 50.94 |
|        | -15               | -15.9    | 127.3                     | 51.91 | 127.3 | 52.30 | 126.5 | 52.68 | 126.5 | 51.95 | 126.5 | 50.67 | 125.3 | 49.93 |
|        | -13.7             | -15      | 131.1                     | 52.19 | 131.1 | 52.58 | 130.3 | 52.96 | 130.3 | 50.92 | 130.3 | 49.69 | 130.3 | 48.93 |
|        | -11.8             | -13      | 135.3                     | 52.54 | 135.3 | 52.94 | 134.6 | 51.50 | 134.6 | 49.61 | 134.6 | 48.44 | 132.2 | 46.79 |
|        | -9.8              | -11      | 139.9                     | 52.91 | 139.9 | 51.30 | 139.1 | 49.97 | 139.1 | 48.23 | 139.1 | 47.15 | 132.2 | 44.26 |
|        | -9.5              | -10      | 140.6                     | 52.64 | 140.6 | 51.05 | 139.9 | 49.73 | 139.9 | 48.03 | 139.9 | 46.95 | 132.2 | 43.77 |
|        | -8.5              | -9.1     | 143.4                     | 51.77 | 143.4 | 50.23 | 142.6 | 48.97 | 142.6 | 47.34 | 141.6 | 45.96 | 132.2 | 43.13 |
|        | -7                | -7.6     | 147.6                     | 50.44 | 147.6 | 49.00 | 146.7 | 47.82 | 146.5 | 46.27 | 141.6 | 43.76 | 132.2 | 42.19 |
|        | -5                | -5.6     | 152.9                     | 48.71 | 152.9 | 47.38 | 151.5 | 46.18 | 146.5 | 43.36 | 141.6 | 41.80 | 132.2 | 40.93 |
|        | -3                | -3.7     | 158.4                     | 46.97 | 158.4 | 45.77 | 151.5 | 43.13 | 146.5 | 41.37 | 141.6 | 40.57 | 132.2 | 39.68 |
|        | 0                 | -0.7     | 166.4                     | 44.36 | 161.5 | 42.06 | 151.5 | 40.39 | 146.5 | 39.44 | 141.6 | 38.75 | 132.2 | 37.80 |
|        | 3                 | 2.2      | 170.9                     | 40.88 | 161.5 | 38.84 | 151.5 | 38.23 | 146.5 | 37.52 | 141.6 | 36.93 | 132.2 | 35.92 |
|        | 5                 | 4.1      | 161.8                     | 34.93 | 152.3 | 34.20 | 142.2 | 33.61 | 137.2 | 32.99 | 132.2 | 32.44 | 122.7 | 31.33 |
|        | 7                 | 6        | 152.4                     | 30.52 | 142.8 | 29.84 | 132.6 | 29.25 | 127.6 | 28.74 | 122.5 | 28.23 | 112.9 | 27.03 |
|        | 9                 | 7.9      | 142.7                     | 26.84 | 132.9 | 26.12 | 122.7 | 25.46 | 117.7 | 24.95 | 112.6 | 24.43 | 102.7 | 23.22 |
|        | 11                | 9.8      | 132.6                     | 23.59 | 122.8 | 22.83 | 112.6 | 22.13 | 107.4 | 21.60 | 102.3 | 21.07 | 92.30 | 19.88 |
|        | 13                | 11.8     | 122.3                     | 20.46 | 112.4 | 19.69 | 102.0 | 18.96 | 96.80 | 18.45 | 91.60 | 17.92 | 81.40 | 16.74 |
|        | 15                | 13.7     | 111.5                     | 17.50 | 101.4 | 16.74 | 91.00 | 15.99 | 85.80 | 15.50 | 80.50 | 14.97 | 70.20 | 13.83 |
| 100    | -30               | -30.2    | 53.20                     | 56.13 | 53.20 | 55.86 | 53.00 | 48.31 | 53.00 | 55.11 | 53.00 | 53.58 | 51.90 | 54.66 |
|        | -24.8             | -25      | 88.80                     | 55.30 | 88.80 | 55.02 | 88.30 | 51.03 | 88.30 | 54.28 | 88.30 | 53.98 | 86.40 | 53.83 |
|        | -21.8             | -22      | 108.6                     | 54.82 | 108.6 | 54.53 | 108.0 | 52.61 | 108.0 | 53.81 | 108.0 | 54.21 | 105.9 | 53.35 |
|        | -19.8             | -20      | 115.1                     | 54.50 | 115.1 | 54.20 | 114.4 | 53.58 | 114.4 | 53.48 | 114.4 | 53.42 | 112.2 | 53.02 |
|        | -18.8             | -19      | 117.6                     | 54.34 | 117.0 | 54.05 | 117.0 | 53.76 | 117.0 | 53.31 | 117.0 | 53.01 | 114.7 | 52.20 |
|        | -16.7             | -17      | 122.2                     | 54.02 | 122.2 | 53.71 | 122.2 | 54.14 | 121.5 | 52.99 | 121.5 | 51.31 | 119.3 | 50.47 |
|        | -15               | -15.9    | 126.4                     | 53.77 | 126.4 | 53.47 | 125.9 | 53.55 | 125.7 | 51.76 | 125.7 | 50.09 | 120.8 | 48.24 |
|        | -13.7             | -15      | 130.5                     | 53.53 | 130.5 | 53.24 | 129.7 | 52.96 | 129.7 | 50.53 | 129.7 | 48.85 | 120.8 | 45.53 |
|        | -11.8             | -13      | 134.7                     | 53.23 | 134.0 | 52.94 | 134.0 | 51.32 | 134.0 | 48.97 | 129.7 | 45.81 | 120.8 | 44.04 |
|        | -9.8              | -11      | 139.2                     | 52.91 | 139.2 | 51.11 | 138.6 | 49.60 | 134.1 | 45.82 | 129.7 | 43.39 | 120.8 | 42.48 |
|        | -9.5              | -10      | 139.9                     | 52.62 | 139.9 | 50.82 | 138.6 | 49.07 | 134.1 | 45.34 | 129.7 | 43.16 | 120.8 | 42.24 |
|        | -8.5              | -9.1     | 142.7                     | 51.68 | 142.7 | 49.91 | 138.6 | 47.27 | 134.1 | 43.91 | 129.7 | 42.39 | 120.8 | 41.45 |
|        | -7                | -7.6     | 149.2                     | 50.24 | 147.4 | 48.18 | 138.6 | 44.76 | 134.1 | 42.75 | 129.7 | 41.24 | 120.8 | 40.28 |
|        | -5                | -5.6     | 155.7                     | 48.35 | 147.4 | 44.72 | 138.6 | 43.16 | 134.1 | 41.21 | 129.7 | 39.73 | 120.8 | 38.74 |
|        | -3                | -3.7     | 156.3                     | 45.37 | 147.4 | 42.64 | 138.6 | 41.55 | 134.1 | 39.68 | 129.7 | 38.21 | 120.8 | 37.19 |
|        | 0                 | -0.7     | 156.3                     | 41.42 | 147.4 | 40.06 | 138.6 | 39.12 | 134.1 | 37.38 | 129.7 | 35.93 | 120.8 | 34.87 |
|        | 3                 | 2.2      | 156.3                     | 38.73 | 147.4 | 37.49 | 138.6 | 36.70 | 134.1 | 35.08 | 129.7 | 33.67 | 120.8 | 32.55 |
|        | 5                 | 4.1      | 148.0                     | 34.03 | 139.0 | 32.83 | 130.1 | 32.06 | 125.5 | 30.61 | 121.1 | 29.25 | 112.1 | 28.05 |
|        | 7                 | 6        | 139.4                     | 29.62 | 130.3 | 28.48 | 121.4 | 27.75 | 116.7 | 26.42 | 112.3 | 25.16 | 103.2 | 23.91 |
|        | 9                 | 7.9      | 130.4                     | 25.96 | 121.4 | 24.86 | 112.3 | 24.09 | 107.7 | 22.87 | 103.1 | 21.71 | 93.90 | 20.49 |
|        | 11                | 9.8      | 121.3                     | 22.75 | 112.1 | 21.66 | 103.0 | 20.88 | 98.30 | 19.75 | 93.70 | 18.68 | 84.30 | 17.50 |
|        | 13                | 11.8     | 111.7                     | 19.69 | 102.5 | 18.64 | 93.30 | 17.85 | 88.60 | 16.83 | 83.90 | 15.85 | 74.40 | 14.71 |
|        | 15                | 13.7     | 102.0                     | 16.79 | 92.60 | 15.81 | 83.20 | 15.02 | 78.50 | 14.11 | 73.80 | 13.23 | 64.20 | 12.15 |
| 90     | -30               | -30.2    | 53.10                     | 48.42 | 53.10 | 48.96 | 52.70 | 49.40 | 52.70 | 49.56 | 52.70 | 49.99 | 51.70 | 55.38 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 88.50                     | 49.36 | 88.50 | 49.94 | 87.90 | 50.36 | 87.90 | 50.54 | 87.90 | 50.94 | 86.20 | 51.54 |
|        | -21.8             | -22      | 108.2                     | 49.90 | 108.2 | 50.50 | 107.6 | 50.91 | 107.6 | 51.10 | 107.6 | 51.50 | 105.5 | 49.32 |
|        | -19.8             | -20      | 114.7                     | 50.28 | 114.7 | 50.87 | 113.9 | 51.29 | 113.9 | 51.48 | 113.9 | 49.99 | 110.4 | 47.28 |
|        | -18.8             | -19      | 117.6                     | 50.47 | 117.0 | 51.06 | 116.4 | 51.46 | 116.4 | 50.70 | 116.4 | 49.23 | 110.4 | 45.55 |
|        | -16.7             | -17      | 122.2                     | 50.86 | 122.2 | 51.44 | 121.7 | 49.86 | 121.7 | 49.07 | 119.0 | 46.57 | 110.4 | 43.24 |
|        | -15               | -15.9    | 126.4                     | 51.13 | 126.4 | 50.26 | 125.5 | 48.73 | 122.9 | 46.92 | 119.0 | 44.80 | 110.4 | 42.19 |
|        | -13.7             | -15      | 130.5                     | 51.41 | 130.5 | 49.06 | 126.8 | 46.64 | 122.9 | 44.45 | 119.0 | 43.08 | 110.4 | 41.15 |
|        | -11.8             | -13      | 134.7                     | 49.79 | 134.0 | 47.57 | 126.8 | 43.81 | 122.9 | 42.98 | 119.0 | 41.73 | 110.4 | 39.81 |
|        | -9.8              | -11      | 139.2                     | 48.09 | 134.6 | 44.48 | 126.8 | 42.34 | 122.9 | 41.50 | 119.0 | 40.31 | 110.4 | 38.42 |
|        | -9.5              | -10      | 139.9                     | 47.82 | 134.6 | 44.01 | 126.8 | 42.12 | 122.9 | 41.28 | 119.0 | 40.09 | 110.4 | 38.21 |
|        | -8.5              | -9.1     | 142.7                     | 46.98 | 134.6 | 42.73 | 126.8 | 41.40 | 122.9 | 40.56 | 119.0 | 39.38 | 110.4 | 37.51 |
|        | -7                | -7.6     | 143.1                     | 43.83 | 134.6 | 41.55 | 126.8 | 40.32 | 122.9 | 39.46 | 119.0 | 38.31 | 110.4 | 36.46 |
|        | -5                | -5.6     | 143.1                     | 41.77 | 134.6 | 40.08 | 126.8 | 38.90 | 122.9 | 38.01 | 119.0 | 36.91 | 110.4 | 35.10 |
|        | -3                | -3.7     | 143.1                     | 40.18 | 134.6 | 38.60 | 126.8 | 37.48 | 122.9 | 36.56 | 119.0 | 35.49 | 110.4 | 33.72 |
|        | 0                 | -0.7     | 143.1                     | 37.79 | 134.6 | 36.37 | 126.8 | 35.35 | 122.9 | 34.39 | 119.0 | 33.38 | 110.4 | 31.66 |
|        | 3                 | 2.2      | 143.1                     | 35.39 | 134.6 | 34.16 | 126.8 | 33.21 | 122.9 | 32.23 | 119.0 | 31.27 | 110.4 | 29.58 |
|        | 5                 | 4.1      | 135.4                     | 31.16 | 126.9 | 30.03 | 119.1 | 29.10 | 115.0 | 28.11 | 111.1 | 27.20 | 102.5 | 25.56 |
|        | 7                 | 6        | 127.5                     | 27.20 | 119.0 | 26.18 | 111.0 | 25.25 | 107.0 | 24.29 | 103.0 | 23.46 | 94.30 | 21.87 |
|        | 9                 | 7.9      | 119.4                     | 23.59 | 110.8 | 22.60 | 102.8 | 21.71 | 98.70 | 20.81 | 94.60 | 20.03 | 85.80 | 18.56 |
|        | 11                | 9.8      | 111.0                     | 20.25 | 102.3 | 19.31 | 94.20 | 18.44 | 90.10 | 17.63 | 86.00 | 16.91 | 77.00 | 15.55 |
|        | 13                | 11.8     | 102.4                     | 17.18 | 93.70 | 16.30 | 85.40 | 15.48 | 81.10 | 14.74 | 77.00 | 14.09 | 68.00 | 12.84 |
|        | 15                | 13.7     | 93.40                     | 14.38 | 84.50 | 13.57 | 76.20 | 12.78 | 71.90 | 12.14 | 67.70 | 11.54 | 58.70 | 10.43 |
| 80     | -30               | -30.2    | 52.80                     | 42.61 | 52.80 | 43.23 | 52.50 | 43.67 | 52.50 | 43.15 | 52.50 | 49.18 | 51.50 | 47.14 |
|        | -24.8             | -25      | 88.10                     | 43.60 | 88.10 | 44.20 | 87.50 | 44.62 | 87.50 | 44.81 | 87.50 | 45.79 | 85.80 | 43.87 |
|        | -21.8             | -22      | 107.1                     | 44.17 | 107.1 | 44.75 | 107.1 | 45.17 | 107.1 | 45.76 | 106.1 | 43.44 | 98.70 | 39.85 |
|        | -19.8             | -20      | 113.4                     | 44.54 | 113.4 | 45.13 | 113.3 | 45.69 | 110.0 | 43.04 | 106.1 | 40.36 | 98.70 | 38.64 |
|        | -18.8             | -19      | 116.0                     | 44.73 | 116.0 | 45.73 | 113.4 | 44.04 | 110.0 | 41.51 | 106.1 | 39.75 | 98.70 | 38.07 |
|        | -16.7             | -17      | 119.6                     | 45.71 | 119.6 | 44.28 | 113.4 | 41.36 | 110.0 | 40.10 | 106.1 | 38.46 | 98.70 | 36.83 |
|        | -15               | -15.9    | 122.3                     | 44.64 | 120.8 | 43.17 | 113.4 | 40.37 | 110.0 | 39.12 | 106.1 | 37.53 | 98.70 | 35.93 |
|        | -13.7             | -15      | 125.0                     | 43.57 | 120.8 | 41.62 | 113.4 | 39.38 | 110.0 | 38.14 | 106.1 | 36.61 | 98.70 | 35.04 |
|        | -11.8             | -13      | 128.1                     | 42.21 | 120.8 | 39.75 | 113.4 | 38.13 | 110.0 | 36.92 | 106.1 | 35.44 | 98.70 | 33.92 |
|        | -9.8              | -11      | 128.2                     | 39.77 | 120.8 | 37.91 | 113.4 | 36.82 | 110.0 | 35.61 | 106.1 | 34.20 | 98.70 | 32.73 |
|        | -9.5              | -10      | 128.2                     | 39.27 | 120.8 | 37.48 | 113.4 | 36.62 | 110.0 | 35.42 | 106.1 | 34.02 | 98.70 | 32.56 |
|        | -8.5              | -9.1     | 128.2                     | 38.22 | 120.8 | 36.67 | 113.4 | 35.96 | 110.0 | 34.77 | 106.1 | 33.42 | 98.70 | 31.98 |
|        | -7                | -7.6     | 128.2                     | 36.82 | 120.8 | 35.68 | 113.4 | 34.98 | 110.0 | 33.79 | 106.1 | 32.50 | 98.70 | 31.08 |
|        | -5                | -5.6     | 128.2                     | 35.48 | 120.8 | 34.41 | 113.4 | 33.67 | 110.0 | 32.52 | 106.1 | 31.27 | 98.70 | 29.92 |
|        | -3                | -3.7     | 128.2                     | 34.15 | 120.8 | 33.11 | 113.4 | 32.38 | 110.0 | 31.23 | 106.1 | 30.06 | 98.70 | 28.74 |
|        | 0                 | -0.7     | 128.2                     | 32.14 | 120.8 | 31.19 | 113.4 | 30.44 | 110.0 | 29.31 | 106.1 | 28.24 | 98.70 | 27.00 |
|        | 3                 | 2.2      | 128.2                     | 30.14 | 120.8 | 29.25 | 113.4 | 28.48 | 110.0 | 27.37 | 106.1 | 26.43 | 98.70 | 25.25 |
|        | 5                 | 4.1      | 121.4                     | 26.60 | 113.9 | 25.73 | 106.4 | 24.93 | 103.0 | 23.87 | 99.10 | 23.01 | 91.60 | 21.86 |
|        | 7                 | 6        | 114.3                     | 23.27 | 106.8 | 22.43 | 99.30 | 21.60 | 95.70 | 20.62 | 91.80 | 19.84 | 84.20 | 18.75 |
|        | 9                 | 7.9      | 107.0                     | 19.93 | 99.50 | 19.14 | 91.90 | 18.33 | 88.30 | 17.45 | 84.30 | 16.75 | 76.70 | 15.73 |
|        | 11                | 9.8      | 99.40                     | 16.73 | 91.90 | 16.00 | 84.20 | 15.26 | 80.60 | 14.47 | 76.60 | 13.85 | 68.90 | 12.91 |
|        | 13                | 11.8     | 91.70                     | 14.02 | 84.00 | 13.33 | 76.30 | 12.65 | 72.60 | 11.96 | 68.60 | 11.40 | 60.80 | 10.54 |
|        | 15                | 13.7     | 83.60                     | 11.73 | 75.90 | 11.09 | 68.10 | 10.45 | 64.40 | 9.85  | 60.30 | 9.35  | 52.40 | 8.57  |
| 70     | -30               | -30.2    | 52.80                     | 42.63 | 52.80 | 42.85 | 52.50 | 43.24 | 52.50 | 48.51 | 52.50 | 46.18 | 51.50 | 44.07 |
|        | -24.8             | -25      | 88.10                     | 43.62 | 88.10 | 43.82 | 87.50 | 44.22 | 87.50 | 44.81 | 87.50 | 42.71 | 84.50 | 40.12 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 102.4                     | 44.19 | 102.4 | 44.38 | 96.60 | 42.50 | 93.30 | 40.50 | 90.40 | 38.62 | 84.50 | 36.82 |
|        | -19.8             | -20      | 108.7                     | 43.24 | 102.6 | 42.47 | 96.60 | 41.07 | 93.30 | 39.15 | 90.40 | 37.37 | 84.50 | 35.59 |
|        | -18.8             | -19      | 108.7                     | 42.47 | 102.6 | 41.76 | 96.60 | 40.37 | 93.30 | 38.47 | 90.40 | 36.72 | 84.50 | 34.98 |
|        | -16.7             | -17      | 108.7                     | 40.95 | 102.6 | 40.20 | 96.60 | 38.88 | 93.30 | 37.05 | 90.40 | 35.41 | 84.50 | 33.69 |
|        | -15               | -15.9    | 108.7                     | 39.87 | 102.6 | 39.11 | 96.60 | 37.81 | 93.30 | 36.04 | 90.40 | 34.46 | 84.50 | 32.78 |
|        | -13.7             | -15      | 108.7                     | 38.78 | 102.6 | 38.01 | 96.60 | 36.75 | 93.30 | 35.04 | 90.40 | 33.51 | 84.50 | 31.86 |
|        | -11.8             | -13      | 108.7                     | 37.40 | 102.6 | 36.63 | 96.60 | 35.41 | 93.30 | 33.75 | 90.40 | 32.31 | 84.50 | 30.71 |
|        | -9.8              | -11      | 108.7                     | 35.97 | 102.6 | 35.15 | 96.60 | 34.00 | 93.30 | 32.41 | 90.40 | 31.06 | 84.50 | 29.49 |
|        | -9.5              | -10      | 108.7                     | 35.75 | 102.6 | 34.93 | 96.60 | 33.78 | 93.30 | 32.20 | 90.40 | 30.87 | 84.50 | 29.31 |
|        | -8.5              | -9.1     | 108.7                     | 35.03 | 102.6 | 34.21 | 96.60 | 33.08 | 93.30 | 31.53 | 90.40 | 30.23 | 84.50 | 28.70 |
|        | -7                | -7.6     | 108.7                     | 33.94 | 102.6 | 33.12 | 96.60 | 32.03 | 93.30 | 30.53 | 90.40 | 29.29 | 84.50 | 27.78 |
|        | -5                | -5.6     | 108.7                     | 32.52 | 102.6 | 31.67 | 96.60 | 30.61 | 93.30 | 29.20 | 90.40 | 28.05 | 84.50 | 26.59 |
|        | -3                | -3.7     | 108.7                     | 31.10 | 102.6 | 30.23 | 96.60 | 29.22 | 93.30 | 27.87 | 90.40 | 26.80 | 84.50 | 25.38 |
|        | 0                 | -0.7     | 108.7                     | 28.96 | 102.6 | 28.06 | 96.60 | 27.13 | 93.30 | 25.88 | 90.40 | 24.94 | 84.50 | 23.58 |
|        | 3                 | 2.2      | 108.7                     | 26.82 | 102.6 | 25.90 | 96.60 | 25.03 | 93.30 | 23.89 | 90.40 | 23.08 | 84.50 | 21.77 |
|        | 5                 | 4.1      | 102.9                     | 23.48 | 96.70 | 22.53 | 90.70 | 21.72 | 87.40 | 20.69 | 84.40 | 19.97 | 78.40 | 18.72 |
|        | 7                 | 6        | 96.90                     | 20.38 | 90.70 | 19.44 | 84.50 | 18.64 | 81.20 | 17.72 | 78.30 | 17.12 | 72.20 | 15.92 |
|        | 9                 | 7.9      | 90.70                     | 16.83 | 84.40 | 15.98 | 78.30 | 15.25 | 74.90 | 14.48 | 71.90 | 13.94 | 65.60 | 12.89 |
|        | 11                | 9.8      | 84.30                     | 14.21 | 78.00 | 13.44 | 71.70 | 12.78 | 68.40 | 12.09 | 65.30 | 11.60 | 59.00 | 10.66 |
|        | 13                | 11.8     | 77.70                     | 11.97 | 71.40 | 11.27 | 65.00 | 10.65 | 61.60 | 10.05 | 58.50 | 9.62  | 52.10 | 8.78  |
|        | 15                | 13.7     | 70.90                     | 10.07 | 64.40 | 9.43  | 58.10 | 8.88  | 54.60 | 8.33  | 51.40 | 7.95  | 44.90 | 7.20  |
| 60     | -30               | -30.2    | 52.50                     | 42.25 | 52.50 | 42.64 | 52.10 | 48.25 | 50.60 | 45.70 | 48.80 | 43.35 | 45.80 | 41.23 |
|        | -24.8             | -25      | 87.40                     | 43.24 | 87.40 | 43.63 | 82.80 | 42.20 | 80.00 | 39.82 | 77.20 | 37.80 | 72.40 | 35.90 |
|        | -21.8             | -22      | 93.30                     | 43.50 | 88.20 | 41.95 | 82.80 | 39.79 | 80.00 | 37.77 | 77.20 | 35.87 | 72.40 | 34.03 |
|        | -19.8             | -20      | 93.30                     | 41.93 | 88.20 | 40.41 | 82.80 | 38.33 | 80.00 | 36.40 | 77.20 | 34.58 | 72.40 | 32.79 |
|        | -18.8             | -19      | 93.30                     | 41.15 | 88.20 | 39.64 | 82.80 | 37.62 | 80.00 | 35.73 | 77.20 | 33.94 | 72.40 | 32.16 |
|        | -16.7             | -17      | 93.30                     | 39.52 | 88.20 | 38.02 | 82.80 | 36.08 | 80.00 | 34.29 | 77.20 | 32.60 | 72.40 | 30.86 |
|        | -15               | -15.9    | 93.30                     | 38.36 | 88.20 | 36.87 | 82.80 | 34.99 | 80.00 | 33.27 | 77.20 | 31.63 | 72.40 | 29.94 |
|        | -13.7             | -15      | 93.30                     | 37.20 | 88.20 | 35.73 | 82.80 | 33.91 | 80.00 | 32.25 | 77.20 | 30.68 | 72.40 | 29.01 |
|        | -11.8             | -13      | 93.30                     | 35.73 | 88.20 | 34.26 | 82.80 | 32.52 | 80.00 | 30.95 | 77.20 | 29.46 | 72.40 | 27.83 |
|        | -9.8              | -11      | 93.30                     | 34.18 | 88.20 | 32.72 | 82.80 | 31.08 | 80.00 | 29.60 | 77.20 | 28.18 | 72.40 | 26.60 |
|        | -9.5              | -10      | 93.30                     | 33.95 | 88.20 | 32.49 | 82.80 | 30.87 | 80.00 | 29.39 | 77.20 | 27.98 | 72.40 | 26.41 |
|        | -8.5              | -9.1     | 93.30                     | 33.18 | 88.20 | 31.73 | 82.80 | 30.15 | 80.00 | 28.72 | 77.20 | 27.35 | 72.40 | 25.79 |
|        | -7                | -7.6     | 93.30                     | 32.03 | 88.20 | 30.59 | 82.80 | 29.06 | 80.00 | 27.70 | 77.20 | 26.40 | 72.40 | 24.86 |
|        | -5                | -5.6     | 93.30                     | 30.48 | 88.20 | 29.06 | 82.80 | 27.63 | 80.00 | 26.36 | 77.20 | 25.13 | 72.40 | 23.65 |
|        | -3                | -3.7     | 93.30                     | 28.97 | 88.20 | 27.55 | 82.80 | 26.19 | 80.00 | 25.01 | 77.20 | 23.86 | 72.40 | 22.42 |
|        | 0                 | -0.7     | 93.30                     | 26.66 | 88.20 | 25.27 | 82.80 | 24.05 | 80.00 | 22.99 | 77.20 | 21.96 | 72.40 | 20.59 |
|        | 3                 | 2.2      | 93.30                     | 24.36 | 88.20 | 22.99 | 82.80 | 21.89 | 80.00 | 20.98 | 77.20 | 20.07 | 72.40 | 18.75 |
|        | 5                 | 4.1      | 88.30                     | 21.16 | 83.20 | 19.84 | 77.70 | 18.84 | 74.90 | 18.05 | 72.10 | 17.24 | 67.20 | 16.00 |
|        | 7                 | 6        | 83.20                     | 18.19 | 78.00 | 16.93 | 72.50 | 16.04 | 69.70 | 15.34 | 66.80 | 14.65 | 61.80 | 13.50 |
|        | 9                 | 7.9      | 77.90                     | 14.89 | 72.60 | 13.80 | 67.10 | 13.00 | 64.20 | 12.42 | 61.40 | 11.84 | 56.30 | 10.84 |
|        | 11                | 9.8      | 72.40                     | 12.64 | 67.10 | 11.68 | 61.50 | 10.97 | 58.70 | 10.45 | 55.70 | 9.94  | 50.60 | 9.04  |
|        | 13                | 11.8     | 66.70                     | 10.71 | 61.40 | 9.85  | 55.70 | 9.22  | 52.80 | 8.76  | 49.90 | 8.30  | 44.60 | 7.51  |
|        | 15                | 13.7     | 60.90                     | 9.08  | 55.40 | 8.32  | 49.70 | 7.73  | 46.80 | 7.33  | 43.90 | 6.93  | 38.50 | 6.23  |
| 50     | -30               | -30.2    | 49.20                     | 36.67 | 46.40 | 41.75 | 43.60 | 39.53 | 42.20 | 37.49 | 40.80 | 35.49 | 38.00 | 33.75 |
|        | -24.8             | -25      | 77.80                     | 35.73 | 73.40 | 36.29 | 69.00 | 34.39 | 66.80 | 32.62 | 64.50 | 30.95 | 60.00 | 29.38 |
|        | -21.8             | -22      | 77.80                     | 36.27 | 73.40 | 34.38 | 69.00 | 32.60 | 66.80 | 30.92 | 64.50 | 29.36 | 60.00 | 27.85 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 77.80                     | 34.93 | 73.40 | 33.09 | 69.00 | 31.40 | 66.80 | 29.78 | 64.50 | 28.30 | 60.00 | 26.82 |
|        | -18.8             | -19      | 77.80                     | 34.26 | 73.40 | 32.45 | 69.00 | 30.81 | 66.80 | 29.23 | 64.50 | 27.77 | 60.00 | 26.33 |
|        | -16.7             | -17      | 77.80                     | 32.87 | 73.40 | 31.12 | 69.00 | 29.56 | 66.80 | 28.03 | 64.50 | 26.67 | 60.00 | 25.26 |
|        | -15               | -15.9    | 77.80                     | 31.87 | 73.40 | 30.15 | 69.00 | 28.66 | 66.80 | 27.18 | 64.50 | 25.88 | 60.00 | 24.50 |
|        | -13.7             | -15      | 77.80                     | 30.87 | 73.40 | 29.20 | 69.00 | 27.76 | 66.80 | 26.34 | 64.50 | 25.09 | 60.00 | 23.74 |
|        | -11.8             | -13      | 77.80                     | 29.61 | 73.40 | 28.00 | 69.00 | 26.64 | 66.80 | 25.27 | 64.50 | 24.09 | 60.00 | 22.78 |
|        | -9.8              | -11      | 77.80                     | 28.29 | 73.40 | 26.72 | 69.00 | 25.44 | 66.80 | 24.13 | 64.50 | 23.03 | 60.00 | 21.76 |
|        | -9.5              | -10      | 77.80                     | 28.08 | 73.40 | 26.54 | 69.00 | 25.26 | 66.80 | 23.97 | 64.50 | 22.89 | 60.00 | 21.61 |
|        | -8.5              | -9.1     | 77.80                     | 27.42 | 73.40 | 25.90 | 69.00 | 24.67 | 66.80 | 23.41 | 64.50 | 22.36 | 60.00 | 21.10 |
|        | -7                | -7.6     | 77.80                     | 26.42 | 73.40 | 24.95 | 69.00 | 23.78 | 66.80 | 22.57 | 64.50 | 21.57 | 60.00 | 20.35 |
|        | -5                | -5.6     | 77.80                     | 25.10 | 73.40 | 23.69 | 69.00 | 22.61 | 66.80 | 21.46 | 64.50 | 20.53 | 60.00 | 19.34 |
|        | -3                | -3.7     | 77.80                     | 23.80 | 73.40 | 22.43 | 69.00 | 21.42 | 66.80 | 20.33 | 64.50 | 19.49 | 60.00 | 18.35 |
|        | 0                 | -0.7     | 77.80                     | 21.83 | 73.40 | 20.52 | 69.00 | 19.65 | 66.80 | 18.66 | 64.50 | 17.94 | 60.00 | 16.84 |
|        | 3                 | 2.2      | 77.80                     | 19.85 | 73.40 | 18.65 | 69.00 | 17.90 | 66.80 | 16.98 | 64.50 | 16.38 | 60.00 | 15.34 |
|        | 5                 | 4.1      | 73.60                     | 17.22 | 69.20 | 16.10 | 64.80 | 15.43 | 62.60 | 14.62 | 60.30 | 14.11 | 55.60 | 13.13 |
|        | 7                 | 6        | 69.40                     | 14.79 | 64.90 | 13.76 | 60.40 | 13.17 | 58.20 | 12.46 | 55.90 | 12.03 | 51.20 | 11.13 |
|        | 9                 | 7.9      | 64.90                     | 12.29 | 60.40 | 11.40 | 55.90 | 10.87 | 53.60 | 10.26 | 51.30 | 9.88  | 46.60 | 9.09  |
|        | 11                | 9.8      | 60.40                     | 10.51 | 55.80 | 9.71  | 51.20 | 9.23  | 49.00 | 8.70  | 46.60 | 8.36  | 41.90 | 7.65  |
|        | 13                | 11.8     | 55.60                     | 8.97  | 51.00 | 8.26  | 46.40 | 7.82  | 44.10 | 7.35  | 41.80 | 7.04  | 36.90 | 6.42  |
|        | 15                | 13.7     | 50.80                     | 7.66  | 46.10 | 7.04  | 41.50 | 6.64  | 39.10 | 6.22  | 36.70 | 5.95  | 31.90 | 5.38  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM460LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 56.70                     | 51.23 | 56.70 | 51.53 | 56.30 | 51.79 | 56.30 | 52.18 | 56.30 | 52.58 | 55.30 | 53.21 |
|        | -24.8             | -25      | 94.50                     | 52.10 | 94.50 | 52.41 | 93.90 | 52.67 | 93.90 | 53.07 | 93.90 | 53.46 | 92.10 | 54.07 |
|        | -21.8             | -22      | 115.7                     | 52.60 | 115.7 | 52.91 | 115.0 | 53.17 | 115.0 | 53.58 | 115.0 | 53.97 | 112.7 | 54.57 |
|        | -19.8             | -20      | 122.5                     | 52.95 | 122.5 | 53.25 | 121.5 | 53.52 | 121.5 | 53.92 | 121.5 | 54.31 | 119.4 | 54.92 |
|        | -18.8             | -19      | 125.2                     | 53.11 | 125.2 | 53.42 | 124.3 | 53.68 | 124.3 | 54.09 | 124.3 | 54.47 | 122.0 | 55.09 |
|        | -16.7             | -17      | 130.9                     | 53.47 | 130.9 | 53.77 | 129.9 | 54.04 | 129.9 | 54.45 | 129.9 | 54.84 | 127.6 | 55.44 |
|        | -15               | -15.9    | 134.9                     | 53.72 | 134.9 | 54.03 | 134.0 | 54.29 | 134.0 | 54.70 | 134.0 | 55.09 | 131.4 | 54.38 |
|        | -13.7             | -15      | 139.0                     | 53.98 | 139.0 | 54.28 | 138.0 | 54.55 | 138.0 | 54.96 | 138.0 | 55.34 | 135.4 | 53.34 |
|        | -11.8             | -13      | 143.5                     | 54.31 | 143.5 | 54.61 | 142.6 | 54.87 | 142.6 | 55.28 | 142.6 | 53.94 | 140.5 | 52.00 |
|        | -9.8              | -11      | 148.3                     | 54.64 | 148.3 | 54.95 | 147.3 | 55.21 | 147.3 | 53.81 | 147.3 | 52.46 | 145.7 | 50.60 |
|        | -9.5              | -10      | 149.1                     | 54.71 | 149.1 | 55.00 | 148.2 | 54.98 | 148.2 | 53.58 | 148.1 | 52.25 | 146.5 | 50.38 |
|        | -8.5              | -9.1     | 152.0                     | 54.87 | 152.0 | 55.17 | 151.1 | 54.24 | 151.1 | 52.82 | 150.5 | 51.51 | 149.1 | 49.70 |
|        | -7                | -7.6     | 156.3                     | 55.12 | 156.3 | 54.09 | 155.3 | 53.11 | 155.3 | 51.72 | 155.3 | 50.39 | 153.1 | 48.65 |
|        | -5                | -5.6     | 162.0                     | 53.79 | 162.0 | 52.68 | 160.9 | 51.67 | 160.9 | 50.29 | 160.9 | 48.98 | 158.3 | 47.31 |
|        | -3                | -3.7     | 167.8                     | 52.46 | 167.8 | 51.29 | 166.6 | 50.22 | 166.6 | 48.86 | 166.6 | 47.57 | 163.4 | 45.91 |
|        | 0                 | -0.7     | 176.4                     | 50.45 | 176.4 | 49.20 | 175.2 | 48.06 | 175.2 | 46.74 | 175.2 | 45.46 | 163.5 | 41.91 |
|        | 3                 | 2.2      | 185.0                     | 48.46 | 185.0 | 47.08 | 183.8 | 45.89 | 182.1 | 44.19 | 175.6 | 41.41 | 163.5 | 39.82 |
|        | 5                 | 4.1      | 186.0                     | 45.84 | 176.5 | 41.03 | 175.1 | 39.84 | 170.6 | 37.68 | 163.9 | 36.02 | 151.8 | 34.72 |
|        | 7                 | 6        | 167.8                     | 36.79 | 165.5 | 35.03 | 163.4 | 33.81 | 158.5 | 32.38 | 152.0 | 31.25 | 139.6 | 29.93 |
|        | 9                 | 7.9      | 156.3                     | 32.03 | 154.2 | 30.60 | 151.2 | 29.28 | 146.2 | 28.20 | 139.6 | 27.13 | 127.1 | 25.80 |
| 120    | 11                | 9.8      | 145.2                     | 28.26 | 142.3 | 26.86 | 138.6 | 25.55 | 133.4 | 24.51 | 126.9 | 23.49 | 114.1 | 22.14 |
|        | 13                | 11.8     | 133.9                     | 24.65 | 130.2 | 23.28 | 125.6 | 21.99 | 120.2 | 21.01 | 113.5 | 20.05 | 100.8 | 18.71 |
|        | 15                | 13.7     | 122.0                     | 21.19 | 117.6 | 19.89 | 112.0 | 18.62 | 106.6 | 17.72 | 99.90 | 16.82 | 86.80 | 15.51 |
|        | -30               | -30.2    | 56.30                     | 51.53 | 56.30 | 51.79 | 56.00 | 52.18 | 56.00 | 52.58 | 56.00 | 53.21 | 54.90 | 53.61 |
|        | -24.8             | -25      | 93.80                     | 52.41 | 93.80 | 52.67 | 93.30 | 53.07 | 93.30 | 53.46 | 93.30 | 54.07 | 91.50 | 54.49 |
|        | -21.8             | -22      | 114.9                     | 52.91 | 114.9 | 53.17 | 114.2 | 53.58 | 114.2 | 53.97 | 114.2 | 54.57 | 112.0 | 55.00 |
|        | -19.8             | -20      | 121.5                     | 53.25 | 121.5 | 53.52 | 120.7 | 53.92 | 120.7 | 54.31 | 120.7 | 54.92 | 118.5 | 55.34 |
|        | -18.8             | -19      | 124.2                     | 53.42 | 124.2 | 53.68 | 123.4 | 54.09 | 123.4 | 54.47 | 123.4 | 55.09 | 121.1 | 55.51 |
|        | -16.7             | -17      | 129.8                     | 53.77 | 129.8 | 54.04 | 129.0 | 54.45 | 129.0 | 54.84 | 129.0 | 55.44 | 126.6 | 54.15 |
|        | -15               | -15.9    | 133.9                     | 54.03 | 133.9 | 54.29 | 133.0 | 54.70 | 133.0 | 55.09 | 133.0 | 54.42 | 130.5 | 53.17 |
|        | -13.7             | -15      | 137.9                     | 54.28 | 137.9 | 54.55 | 137.1 | 54.96 | 137.1 | 55.34 | 137.1 | 53.43 | 134.4 | 52.21 |
|        | -11.8             | -13      | 142.4                     | 54.61 | 142.4 | 54.87 | 141.5 | 55.28 | 141.5 | 53.93 | 141.5 | 52.14 | 139.5 | 50.98 |
|        | -9.8              | -11      | 147.2                     | 54.95 | 147.2 | 55.21 | 146.3 | 53.73 | 146.3 | 52.43 | 146.3 | 50.81 | 144.8 | 49.69 |
|        | -9.5              | -10      | 148.1                     | 55.00 | 148.1 | 54.97 | 147.2 | 53.51 | 147.2 | 52.22 | 147.2 | 50.60 | 145.5 | 49.49 |
|        | -8.5              | -9.1     | 151.0                     | 55.17 | 151.0 | 54.15 | 149.8 | 52.73 | 149.8 | 51.48 | 149.8 | 49.94 | 148.1 | 48.85 |
|        | -7                | -7.6     | 155.2                     | 53.97 | 155.2 | 52.94 | 154.2 | 51.57 | 154.2 | 50.35 | 154.2 | 48.94 | 152.0 | 47.89 |
|        | -5                | -5.6     | 160.9                     | 52.42 | 160.9 | 51.37 | 159.9 | 50.08 | 159.9 | 48.93 | 159.9 | 47.66 | 153.6 | 45.59 |
|        | -3                | -3.7     | 166.5                     | 50.88 | 166.5 | 49.82 | 165.5 | 48.59 | 165.5 | 47.51 | 165.3 | 46.35 | 153.6 | 43.08 |
|        | 0                 | -0.7     | 175.1                     | 48.57 | 175.1 | 47.47 | 173.9 | 46.37 | 170.6 | 44.51 | 165.3 | 42.27 | 153.6 | 41.34 |
| 110    | 3                 | 2.2      | 183.6                     | 46.26 | 183.6 | 45.13 | 176.5 | 42.69 | 170.6 | 41.01 | 165.3 | 40.36 | 153.6 | 39.59 |
|        | 5                 | 4.1      | 175.8                     | 40.30 | 173.3 | 38.70 | 165.7 | 36.87 | 159.7 | 36.05 | 154.4 | 35.51 | 142.5 | 34.66 |
|        | 7                 | 6        | 165.6                     | 34.42 | 162.5 | 33.11 | 154.5 | 32.17 | 148.5 | 31.38 | 143.1 | 30.94 | 131.2 | 30.01 |
|        | 9                 | 7.9      | 155.0                     | 30.23 | 151.4 | 29.05 | 143.0 | 28.07 | 137.0 | 27.32 | 131.4 | 26.84 | 119.4 | 25.85 |
|        | 11                | 9.8      | 144.1                     | 26.64 | 139.7 | 25.46 | 131.1 | 24.46 | 125.0 | 23.73 | 119.4 | 23.21 | 107.2 | 22.17 |
|        | 13                | 11.8     | 132.8                     | 23.20 | 127.8 | 22.05 | 118.8 | 21.04 | 112.7 | 20.33 | 107.0 | 19.81 | 94.60 | 18.74 |
|        | 15                | 13.7     | 121.1                     | 19.93 | 115.4 | 18.81 | 106.1 | 17.82 | 99.90 | 17.14 | 94.00 | 16.61 | 81.50 | 15.55 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 56.10                     | 51.79 | 56.10 | 52.18 | 55.70 | 52.58 | 55.70 | 53.21 | 55.70 | 53.61 | 54.60 | 53.84 |
|        | -24.8             | -25      | 93.40                     | 52.67 | 93.40 | 53.07 | 92.70 | 53.46 | 92.70 | 54.07 | 92.70 | 54.49 | 90.90 | 54.71 |
|        | -21.8             | -22      | 114.3                     | 53.17 | 114.3 | 53.58 | 113.4 | 53.97 | 113.4 | 54.57 | 113.4 | 55.00 | 111.4 | 55.20 |
|        | -19.8             | -20      | 120.9                     | 53.52 | 120.9 | 53.92 | 120.2 | 54.31 | 120.2 | 54.92 | 120.2 | 55.34 | 117.8 | 55.54 |
|        | -18.8             | -19      | 123.6                     | 53.68 | 123.6 | 54.09 | 122.8 | 54.47 | 122.8 | 55.09 | 122.8 | 55.51 | 120.5 | 54.82 |
|        | -16.7             | -17      | 129.2                     | 54.04 | 129.2 | 54.45 | 128.4 | 54.84 | 128.4 | 55.44 | 128.4 | 54.04 | 125.9 | 53.30 |
|        | -15               | -15.9    | 133.2                     | 54.29 | 133.2 | 54.70 | 132.4 | 55.09 | 132.4 | 54.32 | 132.4 | 52.98 | 131.1 | 52.21 |
|        | -13.7             | -15      | 137.1                     | 54.55 | 137.1 | 54.96 | 136.4 | 55.34 | 136.4 | 53.23 | 136.4 | 51.93 | 136.4 | 51.14 |
|        | -11.8             | -13      | 141.6                     | 54.87 | 141.6 | 55.28 | 140.8 | 53.79 | 140.8 | 51.81 | 140.8 | 50.59 | 138.2 | 48.85 |
|        | -9.8              | -11      | 146.3                     | 55.21 | 146.3 | 53.54 | 145.5 | 52.16 | 145.5 | 50.33 | 145.5 | 49.20 | 138.2 | 46.18 |
|        | -9.5              | -10      | 147.2                     | 54.93 | 147.2 | 53.27 | 146.3 | 51.90 | 146.3 | 50.11 | 146.3 | 48.99 | 138.2 | 45.65 |
|        | -8.5              | -9.1     | 150.0                     | 54.00 | 150.0 | 52.40 | 149.2 | 51.08 | 149.2 | 49.38 | 148.0 | 47.89 | 138.2 | 44.97 |
|        | -7                | -7.6     | 154.3                     | 52.59 | 154.3 | 51.09 | 153.4 | 49.86 | 153.2 | 48.23 | 148.0 | 45.59 | 138.2 | 43.96 |
|        | -5                | -5.6     | 160.0                     | 50.78 | 160.0 | 49.39 | 158.4 | 48.14 | 153.2 | 45.20 | 148.0 | 43.55 | 138.2 | 42.65 |
|        | -3                | -3.7     | 165.7                     | 48.96 | 165.7 | 47.72 | 158.4 | 44.94 | 153.2 | 43.10 | 148.0 | 42.27 | 138.2 | 41.34 |
|        | 0                 | -0.7     | 174.1                     | 46.24 | 168.8 | 43.81 | 158.4 | 42.08 | 153.2 | 41.10 | 148.0 | 40.38 | 138.2 | 39.39 |
|        | 3                 | 2.2      | 178.6                     | 42.56 | 168.8 | 40.47 | 158.4 | 39.84 | 153.2 | 39.09 | 148.0 | 38.47 | 138.2 | 37.42 |
|        | 5                 | 4.1      | 169.0                     | 36.38 | 159.2 | 35.61 | 148.7 | 34.98 | 143.4 | 34.35 | 138.2 | 33.77 | 128.2 | 32.62 |
|        | 7                 | 6        | 159.2                     | 31.76 | 149.2 | 31.06 | 138.7 | 30.44 | 133.4 | 29.92 | 128.1 | 29.39 | 118.0 | 28.13 |
|        | 9                 | 7.9      | 149.1                     | 27.92 | 138.9 | 27.17 | 128.3 | 26.49 | 123.1 | 25.96 | 117.7 | 25.41 | 107.4 | 24.18 |
|        | 11                | 9.8      | 138.6                     | 24.53 | 128.4 | 23.74 | 117.7 | 23.02 | 112.3 | 22.49 | 106.9 | 21.93 | 96.40 | 20.70 |
| 100    | 13                | 11.8     | 127.8                     | 21.28 | 117.4 | 20.49 | 106.6 | 19.73 | 101.2 | 19.21 | 95.70 | 18.67 | 85.10 | 17.45 |
|        | 15                | 13.7     | 116.5                     | 18.21 | 106.0 | 17.44 | 95.10 | 16.67 | 89.70 | 16.16 | 84.20 | 15.63 | 73.40 | 14.46 |
|        | -30               | -30.2    | 55.70                     | 59.07 | 55.70 | 58.76 | 55.40 | 50.82 | 55.40 | 58.01 | 55.40 | 56.37 | 54.30 | 57.52 |
|        | -24.8             | -25      | 92.90                     | 58.07 | 92.90 | 57.76 | 92.30 | 53.58 | 92.30 | 57.00 | 92.30 | 56.66 | 90.50 | 56.51 |
|        | -21.8             | -22      | 113.6                     | 57.49 | 113.6 | 57.19 | 113.0 | 55.18 | 113.0 | 56.42 | 113.0 | 56.84 | 110.8 | 55.93 |
|        | -19.8             | -20      | 120.4                     | 57.12 | 120.4 | 56.80 | 119.7 | 56.14 | 119.7 | 56.03 | 119.7 | 55.96 | 117.4 | 55.54 |
|        | -18.8             | -19      | 123.0                     | 56.93 | 122.3 | 56.61 | 122.3 | 56.31 | 122.3 | 55.84 | 122.3 | 55.51 | 119.9 | 54.66 |
|        | -16.7             | -17      | 127.9                     | 56.53 | 127.9 | 56.21 | 127.9 | 56.66 | 127.1 | 55.44 | 127.1 | 53.69 | 124.7 | 52.80 |
|        | -15               | -15.9    | 132.2                     | 56.24 | 132.2 | 55.92 | 131.7 | 56.00 | 131.4 | 54.11 | 131.4 | 52.38 | 126.3 | 50.42 |
|        | -13.7             | -15      | 136.5                     | 55.96 | 136.5 | 55.64 | 135.7 | 55.34 | 135.7 | 52.81 | 135.6 | 51.03 | 126.3 | 47.55 |
|        | -11.8             | -13      | 140.9                     | 55.59 | 140.2 | 55.28 | 140.2 | 53.60 | 140.2 | 51.14 | 135.6 | 47.82 | 126.3 | 45.98 |
|        | -9.8              | -11      | 145.6                     | 55.21 | 145.6 | 53.33 | 144.9 | 51.76 | 140.2 | 47.81 | 135.6 | 45.26 | 126.3 | 44.31 |
|        | -9.5              | -10      | 146.3                     | 54.91 | 146.3 | 53.04 | 144.9 | 51.18 | 140.2 | 47.29 | 135.6 | 45.01 | 126.3 | 44.05 |
|        | -8.5              | -9.1     | 149.2                     | 53.90 | 149.2 | 52.06 | 144.9 | 49.29 | 140.2 | 45.79 | 135.6 | 44.19 | 126.3 | 43.22 |
|        | -7                | -7.6     | 156.1                     | 52.38 | 154.1 | 50.20 | 144.9 | 46.64 | 140.2 | 44.55 | 135.6 | 42.97 | 126.3 | 41.98 |
|        | -5                | -5.6     | 162.8                     | 50.40 | 154.1 | 46.58 | 144.9 | 44.97 | 140.2 | 42.94 | 135.6 | 41.40 | 126.3 | 40.36 |
|        | -3                | -3.7     | 163.4                     | 47.27 | 154.1 | 44.42 | 144.9 | 43.29 | 140.2 | 41.34 | 135.6 | 39.82 | 126.3 | 38.75 |
|        | 0                 | -0.7     | 163.4                     | 43.15 | 154.1 | 41.74 | 144.9 | 40.76 | 140.2 | 38.95 | 135.6 | 37.44 | 126.3 | 36.34 |
|        | 3                 | 2.2      | 163.4                     | 40.36 | 154.1 | 39.06 | 144.9 | 38.24 | 140.2 | 36.55 | 135.6 | 35.08 | 126.3 | 33.91 |
|        | 5                 | 4.1      | 154.7                     | 35.44 | 145.3 | 34.19 | 136.1 | 33.38 | 131.2 | 31.87 | 126.6 | 30.45 | 117.3 | 29.21 |
| 90     | 7                 | 6        | 145.7                     | 30.83 | 136.3 | 29.64 | 126.9 | 28.88 | 122.0 | 27.50 | 117.4 | 26.18 | 107.9 | 24.89 |
|        | 9                 | 7.9      | 136.4                     | 27.02 | 126.9 | 25.86 | 117.4 | 25.07 | 112.6 | 23.81 | 107.8 | 22.59 | 98.10 | 21.34 |
|        | 11                | 9.8      | 126.8                     | 23.66 | 117.1 | 22.54 | 107.7 | 21.73 | 102.8 | 20.57 | 98.00 | 19.46 | 88.20 | 18.24 |
|        | 13                | 11.8     | 116.8                     | 20.49 | 107.2 | 19.41 | 97.50 | 18.59 | 92.60 | 17.54 | 87.70 | 16.53 | 77.80 | 15.35 |
|        | 15                | 13.7     | 106.6                     | 17.49 | 96.80 | 16.48 | 87.00 | 15.68 | 82.10 | 14.73 | 77.10 | 13.83 | 67.10 | 12.71 |
|        | -30               | -30.2    | 55.50                     | 50.94 | 55.50 | 51.52 | 55.20 | 51.97 | 55.20 | 52.15 | 55.20 | 52.55 | 54.20 | 58.24 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 92.50                     | 51.81 | 92.50 | 52.42 | 92.00 | 52.85 | 92.00 | 53.05 | 92.00 | 53.45 | 90.30 | 54.08 |
|        | -21.8             | -22      | 113.2                     | 52.32 | 113.2 | 52.93 | 112.6 | 53.35 | 112.6 | 53.56 | 112.6 | 53.97 | 110.4 | 51.70 |
|        | -19.8             | -20      | 119.9                     | 52.66 | 119.9 | 53.28 | 119.2 | 53.70 | 119.2 | 53.91 | 119.2 | 52.35 | 115.4 | 49.48 |
|        | -18.8             | -19      | 123.0                     | 52.84 | 122.3 | 53.45 | 121.7 | 53.88 | 121.7 | 53.08 | 121.7 | 51.53 | 115.4 | 47.66 |
|        | -16.7             | -17      | 127.9                     | 53.19 | 127.9 | 53.81 | 127.3 | 52.15 | 127.3 | 51.33 | 124.4 | 48.70 | 115.4 | 45.20 |
|        | -15               | -15.9    | 132.2                     | 53.45 | 132.2 | 52.53 | 131.2 | 50.93 | 128.4 | 49.01 | 124.4 | 46.81 | 115.4 | 44.07 |
|        | -13.7             | -15      | 136.5                     | 53.72 | 136.5 | 51.26 | 132.6 | 48.75 | 128.4 | 46.41 | 124.4 | 44.98 | 115.4 | 42.97 |
|        | -11.8             | -13      | 140.9                     | 51.98 | 140.2 | 49.66 | 132.6 | 45.72 | 128.4 | 44.84 | 124.4 | 43.55 | 115.4 | 41.54 |
|        | -9.8              | -11      | 145.6                     | 50.17 | 140.8 | 46.40 | 132.6 | 44.14 | 128.4 | 43.28 | 124.4 | 42.02 | 115.4 | 40.06 |
|        | -9.5              | -10      | 146.3                     | 49.89 | 140.8 | 45.93 | 132.6 | 43.92 | 128.4 | 43.04 | 124.4 | 41.78 | 115.4 | 39.83 |
|        | -8.5              | -9.1     | 149.2                     | 48.98 | 140.8 | 44.52 | 132.6 | 43.14 | 128.4 | 42.26 | 124.4 | 41.04 | 115.4 | 39.10 |
|        | -7                | -7.6     | 149.6                     | 45.66 | 140.8 | 43.28 | 132.6 | 42.00 | 128.4 | 41.09 | 124.4 | 39.90 | 115.4 | 37.98 |
|        | -5                | -5.6     | 149.6                     | 43.51 | 140.8 | 41.74 | 132.6 | 40.51 | 128.4 | 39.59 | 124.4 | 38.44 | 115.4 | 36.56 |
|        | -3                | -3.7     | 149.6                     | 41.84 | 140.8 | 40.20 | 132.6 | 39.04 | 128.4 | 38.08 | 124.4 | 36.96 | 115.4 | 35.12 |
|        | 0                 | -0.7     | 149.6                     | 39.36 | 140.8 | 37.89 | 132.6 | 36.81 | 128.4 | 35.82 | 124.4 | 34.76 | 115.4 | 32.98 |
|        | 3                 | 2.2      | 149.6                     | 36.86 | 140.8 | 35.58 | 132.6 | 34.59 | 128.4 | 33.57 | 124.4 | 32.57 | 115.4 | 30.81 |
|        | 5                 | 4.1      | 141.6                     | 32.43 | 132.8 | 31.26 | 124.5 | 30.28 | 120.2 | 29.26 | 116.2 | 28.32 | 107.1 | 26.62 |
|        | 7                 | 6        | 133.3                     | 28.30 | 124.5 | 27.23 | 116.1 | 26.28 | 111.8 | 25.27 | 107.7 | 24.41 | 98.50 | 22.75 |
|        | 9                 | 7.9      | 124.9                     | 24.53 | 115.9 | 23.51 | 107.5 | 22.59 | 103.1 | 21.67 | 98.90 | 20.86 | 89.70 | 19.33 |
|        | 11                | 9.8      | 116.1                     | 21.07 | 107.1 | 20.10 | 98.50 | 19.20 | 94.10 | 18.36 | 89.90 | 17.62 | 80.50 | 16.21 |
|        | 13                | 11.8     | 107.0                     | 17.89 | 98.00 | 16.97 | 89.30 | 16.13 | 84.70 | 15.37 | 80.50 | 14.69 | 71.10 | 13.42 |
|        | 15                | 13.7     | 97.60                     | 15.00 | 88.40 | 14.15 | 79.70 | 13.35 | 75.10 | 12.69 | 70.70 | 12.08 | 61.30 | 10.93 |
| 80     | -30               | -30.2    | 55.30                     | 44.81 | 55.30 | 45.47 | 54.90 | 45.91 | 54.90 | 45.38 | 54.90 | 51.68 | 53.90 | 49.55 |
|        | -24.8             | -25      | 92.20                     | 45.75 | 92.20 | 46.37 | 91.60 | 46.80 | 91.60 | 47.01 | 91.60 | 48.02 | 89.90 | 46.01 |
|        | -21.8             | -22      | 112.1                     | 46.29 | 112.1 | 46.89 | 112.1 | 47.32 | 112.1 | 47.93 | 110.9 | 45.44 | 103.1 | 41.72 |
|        | -19.8             | -20      | 118.7                     | 46.63 | 118.7 | 47.24 | 118.4 | 47.77 | 115.0 | 45.03 | 110.9 | 42.23 | 103.1 | 40.43 |
|        | -18.8             | -19      | 121.2                     | 46.81 | 121.2 | 47.85 | 118.5 | 46.07 | 115.0 | 43.40 | 110.9 | 41.56 | 103.1 | 39.81 |
|        | -16.7             | -17      | 125.0                     | 47.78 | 125.0 | 46.29 | 118.5 | 43.22 | 115.0 | 41.90 | 110.9 | 40.18 | 103.1 | 38.48 |
|        | -15               | -15.9    | 127.9                     | 46.63 | 126.3 | 45.11 | 118.5 | 42.15 | 115.0 | 40.85 | 110.9 | 39.18 | 103.1 | 37.52 |
|        | -13.7             | -15      | 130.7                     | 45.49 | 126.3 | 43.48 | 118.5 | 41.11 | 115.0 | 39.81 | 110.9 | 38.20 | 103.1 | 36.57 |
|        | -11.8             | -13      | 133.9                     | 44.04 | 126.3 | 41.48 | 118.5 | 39.77 | 115.0 | 38.50 | 110.9 | 36.96 | 103.1 | 35.37 |
|        | -9.8              | -11      | 134.0                     | 41.44 | 126.3 | 39.48 | 118.5 | 38.37 | 115.0 | 37.11 | 110.9 | 35.64 | 103.1 | 34.11 |
|        | -9.5              | -10      | 134.0                     | 40.92 | 126.3 | 39.04 | 118.5 | 38.16 | 115.0 | 36.90 | 110.9 | 35.44 | 103.1 | 33.93 |
|        | -8.5              | -9.1     | 134.0                     | 39.79 | 126.3 | 38.19 | 118.5 | 37.46 | 115.0 | 36.22 | 110.9 | 34.81 | 103.1 | 33.31 |
|        | -7                | -7.6     | 134.0                     | 38.33 | 126.3 | 37.14 | 118.5 | 36.42 | 115.0 | 35.18 | 110.9 | 33.83 | 103.1 | 32.36 |
|        | -5                | -5.6     | 134.0                     | 36.94 | 126.3 | 35.82 | 118.5 | 35.06 | 115.0 | 33.85 | 110.9 | 32.56 | 103.1 | 31.14 |
|        | -3                | -3.7     | 134.0                     | 35.55 | 126.3 | 34.47 | 118.5 | 33.70 | 115.0 | 32.52 | 110.9 | 31.30 | 103.1 | 29.93 |
|        | 0                 | -0.7     | 134.0                     | 33.46 | 126.3 | 32.47 | 118.5 | 31.69 | 115.0 | 30.51 | 110.9 | 29.40 | 103.1 | 28.11 |
|        | 3                 | 2.2      | 134.0                     | 31.38 | 126.3 | 30.45 | 118.5 | 29.65 | 115.0 | 28.50 | 110.9 | 27.51 | 103.1 | 26.28 |
|        | 5                 | 4.1      | 126.9                     | 27.68 | 119.1 | 26.78 | 111.2 | 25.94 | 107.7 | 24.84 | 103.6 | 23.94 | 95.70 | 22.76 |
|        | 7                 | 6        | 119.4                     | 24.22 | 111.7 | 23.35 | 103.7 | 22.48 | 100.1 | 21.46 | 96.00 | 20.65 | 88.00 | 19.51 |
|        | 9                 | 7.9      | 111.8                     | 20.73 | 104.0 | 19.92 | 96.00 | 19.08 | 92.40 | 18.16 | 88.10 | 17.44 | 80.10 | 16.38 |
|        | 11                | 9.8      | 103.9                     | 17.41 | 96.00 | 16.65 | 88.00 | 15.89 | 84.30 | 15.08 | 80.10 | 14.43 | 72.00 | 13.47 |
|        | 13                | 11.8     | 95.80                     | 14.60 | 87.80 | 13.89 | 79.80 | 13.19 | 75.90 | 12.48 | 71.70 | 11.90 | 63.50 | 11.03 |
|        | 15                | 13.7     | 87.40                     | 12.23 | 79.30 | 11.58 | 71.20 | 10.92 | 67.30 | 10.31 | 63.00 | 9.80  | 54.80 | 9.00  |
| 70     | -30               | -30.2    | 55.30                     | 44.82 | 55.30 | 45.00 | 54.90 | 45.43 | 54.90 | 50.95 | 54.90 | 48.52 | 53.90 | 46.29 |
|        | -24.8             | -25      | 92.20                     | 45.74 | 92.20 | 45.94 | 91.60 | 46.35 | 91.60 | 46.97 | 91.60 | 44.77 | 88.30 | 41.97 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 107.1                     | 46.27 | 107.1 | 46.48 | 101.0 | 44.47 | 97.50 | 42.38 | 94.60 | 40.41 | 88.30 | 38.53 |
|        | -19.8             | -20      | 113.7                     | 45.29 | 107.2 | 44.41 | 101.0 | 42.94 | 97.50 | 40.94 | 94.60 | 39.07 | 88.30 | 37.22 |
|        | -18.8             | -19      | 113.7                     | 44.39 | 107.2 | 43.64 | 101.0 | 42.19 | 97.50 | 40.21 | 94.60 | 38.39 | 88.30 | 36.57 |
|        | -16.7             | -17      | 113.7                     | 42.76 | 107.2 | 41.99 | 101.0 | 40.61 | 97.50 | 38.69 | 94.60 | 36.98 | 88.30 | 35.19 |
|        | -15               | -15.9    | 113.7                     | 41.60 | 107.2 | 40.82 | 101.0 | 39.47 | 97.50 | 37.62 | 94.60 | 35.97 | 88.30 | 34.21 |
|        | -13.7             | -15      | 113.7                     | 40.45 | 107.2 | 39.65 | 101.0 | 38.34 | 97.50 | 36.55 | 94.60 | 34.95 | 88.30 | 33.24 |
|        | -11.8             | -13      | 113.7                     | 38.99 | 107.2 | 38.18 | 101.0 | 36.92 | 97.50 | 35.18 | 94.60 | 33.68 | 88.30 | 32.02 |
|        | -9.8              | -11      | 113.7                     | 37.46 | 107.2 | 36.62 | 101.0 | 35.42 | 97.50 | 33.77 | 94.60 | 32.36 | 88.30 | 30.72 |
|        | -9.5              | -10      | 113.7                     | 37.23 | 107.2 | 36.38 | 101.0 | 35.19 | 97.50 | 33.55 | 94.60 | 32.16 | 88.30 | 30.53 |
|        | -8.5              | -9.1     | 113.7                     | 36.48 | 107.2 | 35.62 | 101.0 | 34.44 | 97.50 | 32.82 | 94.60 | 31.47 | 88.30 | 29.88 |
|        | -7                | -7.6     | 113.7                     | 35.32 | 107.2 | 34.46 | 101.0 | 33.33 | 97.50 | 31.77 | 94.60 | 30.48 | 88.30 | 28.91 |
|        | -5                | -5.6     | 113.7                     | 33.84 | 107.2 | 32.96 | 101.0 | 31.86 | 97.50 | 30.39 | 94.60 | 29.19 | 88.30 | 27.66 |
|        | -3                | -3.7     | 113.7                     | 32.36 | 107.2 | 31.45 | 101.0 | 30.41 | 97.50 | 29.01 | 94.60 | 27.89 | 88.30 | 26.41 |
|        | 0                 | -0.7     | 113.7                     | 30.13 | 107.2 | 29.20 | 101.0 | 28.23 | 97.50 | 26.93 | 94.60 | 25.96 | 88.30 | 24.53 |
|        | 3                 | 2.2      | 113.7                     | 27.91 | 107.2 | 26.95 | 101.0 | 26.05 | 97.50 | 24.86 | 94.60 | 24.02 | 88.30 | 22.65 |
|        | 5                 | 4.1      | 107.6                     | 24.43 | 101.1 | 23.45 | 94.80 | 22.58 | 91.30 | 21.52 | 88.30 | 20.78 | 82.00 | 19.48 |
|        | 7                 | 6        | 101.4                     | 21.20 | 94.80 | 20.22 | 88.40 | 19.39 | 84.90 | 18.44 | 81.90 | 17.81 | 75.40 | 16.57 |
|        | 9                 | 7.9      | 94.90                     | 17.50 | 88.20 | 16.63 | 81.80 | 15.88 | 78.30 | 15.07 | 75.20 | 14.52 | 68.60 | 13.42 |
|        | 11                | 9.8      | 88.20                     | 14.80 | 81.50 | 14.00 | 75.00 | 13.32 | 71.50 | 12.60 | 68.30 | 12.10 | 61.70 | 11.13 |
|        | 13                | 11.8     | 81.30                     | 12.47 | 74.60 | 11.75 | 68.00 | 11.12 | 64.40 | 10.50 | 61.20 | 10.05 | 54.40 | 9.19  |
|        | 15                | 13.7     | 74.20                     | 10.51 | 67.30 | 9.87  | 60.70 | 9.29  | 57.10 | 8.74  | 53.80 | 8.34  | 46.90 | 7.57  |
| 60     | -30               | -30.2    | 54.80                     | 44.40 | 54.80 | 44.82 | 54.50 | 50.66 | 52.90 | 47.99 | 51.00 | 45.55 | 47.80 | 43.28 |
|        | -24.8             | -25      | 91.40                     | 45.33 | 91.40 | 45.74 | 86.60 | 44.19 | 83.60 | 41.71 | 80.70 | 39.59 | 75.60 | 37.59 |
|        | -21.8             | -22      | 97.50                     | 45.52 | 92.20 | 43.89 | 86.60 | 41.62 | 83.60 | 39.52 | 80.70 | 37.52 | 75.60 | 35.59 |
|        | -19.8             | -20      | 97.50                     | 43.83 | 92.20 | 42.24 | 86.60 | 40.07 | 83.60 | 38.05 | 80.70 | 36.15 | 75.60 | 34.27 |
|        | -18.8             | -19      | 97.50                     | 43.01 | 92.20 | 41.42 | 86.60 | 39.30 | 83.60 | 37.32 | 80.70 | 35.46 | 75.60 | 33.61 |
|        | -16.7             | -17      | 97.50                     | 41.27 | 92.20 | 39.70 | 86.60 | 37.67 | 83.60 | 35.80 | 80.70 | 34.03 | 75.60 | 32.22 |
|        | -15               | -15.9    | 97.50                     | 40.02 | 92.20 | 38.47 | 86.60 | 36.51 | 83.60 | 34.71 | 80.70 | 33.00 | 75.60 | 31.24 |
|        | -13.7             | -15      | 97.50                     | 38.79 | 92.20 | 37.26 | 86.60 | 35.37 | 83.60 | 33.63 | 80.70 | 31.99 | 75.60 | 30.26 |
|        | -11.8             | -13      | 97.50                     | 37.23 | 92.20 | 35.70 | 86.60 | 33.90 | 83.60 | 32.25 | 80.70 | 30.71 | 75.60 | 29.00 |
|        | -9.8              | -11      | 97.50                     | 35.60 | 92.20 | 34.08 | 86.60 | 32.37 | 83.60 | 30.82 | 80.70 | 29.34 | 75.60 | 27.70 |
|        | -9.5              | -10      | 97.50                     | 35.35 | 92.20 | 33.84 | 86.60 | 32.14 | 83.60 | 30.60 | 80.70 | 29.14 | 75.60 | 27.50 |
|        | -8.5              | -9.1     | 97.50                     | 34.54 | 92.20 | 33.02 | 86.60 | 31.38 | 83.60 | 29.88 | 80.70 | 28.46 | 75.60 | 26.84 |
|        | -7                | -7.6     | 97.50                     | 33.31 | 92.20 | 31.82 | 86.60 | 30.23 | 83.60 | 28.81 | 80.70 | 27.46 | 75.60 | 25.86 |
|        | -5                | -5.6     | 97.50                     | 31.71 | 92.20 | 30.23 | 86.60 | 28.74 | 83.60 | 27.42 | 80.70 | 26.14 | 75.60 | 24.60 |
|        | -3                | -3.7     | 97.50                     | 30.13 | 92.20 | 28.65 | 86.60 | 27.24 | 83.60 | 26.02 | 80.70 | 24.82 | 75.60 | 23.32 |
|        | 0                 | -0.7     | 97.50                     | 27.73 | 92.20 | 26.29 | 86.60 | 25.02 | 83.60 | 23.91 | 80.70 | 22.84 | 75.60 | 21.42 |
|        | 3                 | 2.2      | 97.50                     | 25.34 | 92.20 | 23.91 | 86.60 | 22.78 | 83.60 | 21.82 | 80.70 | 20.88 | 75.60 | 19.50 |
|        | 5                 | 4.1      | 92.30                     | 22.01 | 87.00 | 20.63 | 81.30 | 19.60 | 78.30 | 18.77 | 75.30 | 17.93 | 70.20 | 16.65 |
|        | 7                 | 6        | 86.90                     | 18.92 | 81.50 | 17.62 | 75.80 | 16.68 | 72.80 | 15.97 | 69.80 | 15.26 | 64.50 | 14.06 |
|        | 9                 | 7.9      | 81.40                     | 15.49 | 75.90 | 14.36 | 70.10 | 13.55 | 67.10 | 12.94 | 64.20 | 12.34 | 58.80 | 11.30 |
|        | 11                | 9.8      | 75.70                     | 13.16 | 70.10 | 12.18 | 64.40 | 11.44 | 61.30 | 10.90 | 58.30 | 10.37 | 52.80 | 9.44  |
|        | 13                | 11.8     | 69.70                     | 11.18 | 64.20 | 10.29 | 58.30 | 9.63  | 55.20 | 9.15  | 52.20 | 8.69  | 46.50 | 7.88  |
|        | 15                | 13.7     | 63.60                     | 9.50  | 57.90 | 8.72  | 52.00 | 8.11  | 48.90 | 7.70  | 45.80 | 7.28  | 40.20 | 6.57  |
| 50     | -30               | -30.2    | 51.40                     | 38.48 | 48.50 | 43.82 | 45.60 | 41.48 | 44.10 | 39.33 | 42.70 | 37.25 | 39.70 | 35.41 |
|        | -24.8             | -25      | 81.30                     | 37.40 | 76.70 | 37.98 | 72.10 | 36.00 | 69.80 | 34.14 | 67.50 | 32.39 | 62.80 | 30.75 |
|        | -21.8             | -22      | 81.30                     | 37.92 | 76.70 | 35.94 | 72.10 | 34.08 | 69.80 | 32.33 | 67.50 | 30.69 | 62.80 | 29.12 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 81.30                     | 36.50 | 76.70 | 34.57 | 72.10 | 32.80 | 69.80 | 31.11 | 67.50 | 29.56 | 62.80 | 28.03 |
|        | -18.8             | -19      | 81.30                     | 35.78 | 76.70 | 33.89 | 72.10 | 32.16 | 69.80 | 30.52 | 67.50 | 29.00 | 62.80 | 27.49 |
|        | -16.7             | -17      | 81.30                     | 34.29 | 76.70 | 32.46 | 72.10 | 30.85 | 69.80 | 29.25 | 67.50 | 27.83 | 62.80 | 26.35 |
|        | -15               | -15.9    | 81.30                     | 33.23 | 76.70 | 31.44 | 72.10 | 29.88 | 69.80 | 28.35 | 67.50 | 26.99 | 62.80 | 25.55 |
|        | -13.7             | -15      | 81.30                     | 32.17 | 76.70 | 30.44 | 72.10 | 28.93 | 69.80 | 27.46 | 67.50 | 26.15 | 62.80 | 24.74 |
|        | -11.8             | -13      | 81.30                     | 30.85 | 76.70 | 29.15 | 72.10 | 27.74 | 69.80 | 26.32 | 67.50 | 25.09 | 62.80 | 23.72 |
|        | -9.8              | -11      | 81.30                     | 29.44 | 76.70 | 27.81 | 72.10 | 26.48 | 69.80 | 25.11 | 67.50 | 23.97 | 62.80 | 22.64 |
|        | -9.5              | -10      | 81.30                     | 29.22 | 76.70 | 27.61 | 72.10 | 26.29 | 69.80 | 24.94 | 67.50 | 23.81 | 62.80 | 22.49 |
|        | -8.5              | -9.1     | 81.30                     | 28.52 | 76.70 | 26.94 | 72.10 | 25.66 | 69.80 | 24.34 | 67.50 | 23.25 | 62.80 | 21.95 |
|        | -7                | -7.6     | 81.30                     | 27.48 | 76.70 | 25.93 | 72.10 | 24.72 | 69.80 | 23.47 | 67.50 | 22.43 | 62.80 | 21.15 |
|        | -5                | -5.6     | 81.30                     | 26.10 | 76.70 | 24.62 | 72.10 | 23.50 | 69.80 | 22.30 | 67.50 | 21.35 | 62.80 | 20.11 |
|        | -3                | -3.7     | 81.30                     | 24.74 | 76.70 | 23.31 | 72.10 | 22.27 | 69.80 | 21.14 | 67.50 | 20.27 | 62.80 | 19.08 |
|        | 0                 | -0.7     | 81.30                     | 22.69 | 76.70 | 21.34 | 72.10 | 20.43 | 69.80 | 19.39 | 67.50 | 18.65 | 62.80 | 17.51 |
|        | 3                 | 2.2      | 81.30                     | 20.64 | 76.70 | 19.39 | 72.10 | 18.61 | 69.80 | 17.66 | 67.50 | 17.03 | 62.80 | 15.95 |
|        | 5                 | 4.1      | 76.90                     | 17.91 | 72.30 | 16.74 | 67.70 | 16.04 | 65.40 | 15.21 | 63.10 | 14.68 | 58.20 | 13.66 |
|        | 7                 | 6        | 72.50                     | 15.38 | 67.80 | 14.32 | 63.10 | 13.71 | 60.80 | 12.97 | 58.50 | 12.52 | 53.60 | 11.59 |
|        | 9                 | 7.9      | 67.90                     | 12.79 | 63.10 | 11.87 | 58.50 | 11.33 | 56.00 | 10.70 | 53.70 | 10.30 | 48.80 | 9.48  |
|        | 11                | 9.8      | 63.10                     | 10.96 | 58.30 | 10.14 | 53.50 | 9.63  | 51.20 | 9.09  | 48.70 | 8.73  | 43.80 | 8.01  |
|        | 13                | 11.8     | 58.10                     | 9.38  | 53.30 | 8.64  | 48.50 | 8.19  | 46.10 | 7.71  | 43.70 | 7.39  | 38.60 | 6.75  |
|        | 15                | 13.7     | 53.10                     | 8.03  | 48.20 | 7.38  | 43.30 | 6.98  | 40.80 | 6.55  | 38.40 | 6.27  | 33.40 | 5.69  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM480LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 58.40                     | 53.74 | 58.40 | 54.18 | 58.00 | 54.56 | 58.00 | 55.12 | 58.00 | 55.70 | 57.00 | 56.64 |
|        | -24.8             | -25      | 97.40                     | 55.28 | 97.40 | 55.74 | 96.60 | 56.12 | 96.60 | 56.70 | 96.60 | 57.28 | 95.00 | 58.18 |
|        | -21.8             | -22      | 120.0                     | 56.18 | 120.0 | 56.64 | 119.2 | 57.02 | 119.2 | 57.62 | 119.2 | 58.20 | 116.8 | 59.08 |
|        | -19.8             | -20      | 127.4                     | 56.80 | 127.4 | 57.24 | 126.4 | 57.64 | 126.4 | 58.24 | 126.4 | 58.80 | 124.2 | 59.70 |
|        | -18.8             | -19      | 130.4                     | 57.10 | 130.4 | 57.56 | 129.4 | 57.94 | 129.4 | 58.54 | 129.4 | 59.10 | 127.0 | 60.00 |
|        | -16.7             | -17      | 136.4                     | 57.74 | 136.4 | 58.18 | 135.4 | 58.58 | 135.4 | 59.18 | 135.4 | 59.76 | 133.0 | 60.64 |
|        | -15               | -15.9    | 140.6                     | 58.20 | 140.6 | 58.66 | 139.8 | 59.04 | 139.8 | 59.64 | 139.8 | 60.22 | 137.0 | 59.56 |
|        | -13.7             | -15      | 145.0                     | 58.66 | 145.0 | 59.10 | 144.0 | 59.50 | 144.0 | 60.10 | 144.0 | 60.66 | 141.2 | 58.46 |
|        | -11.8             | -13      | 149.6                     | 59.24 | 149.6 | 59.68 | 148.8 | 60.06 | 148.8 | 60.68 | 148.8 | 59.20 | 146.6 | 57.08 |
|        | -9.8              | -11      | 154.6                     | 59.84 | 154.6 | 60.30 | 153.6 | 60.68 | 153.6 | 59.14 | 153.6 | 57.66 | 152.2 | 55.62 |
|        | -9.5              | -10      | 155.4                     | 59.96 | 155.4 | 60.38 | 154.6 | 60.44 | 154.6 | 58.90 | 154.4 | 57.44 | 153.0 | 55.38 |
|        | -8.5              | -9.1     | 158.4                     | 60.24 | 158.4 | 60.68 | 157.6 | 59.66 | 157.6 | 58.10 | 157.0 | 56.66 | 155.8 | 54.66 |
|        | -7                | -7.6     | 163.0                     | 60.70 | 163.0 | 59.56 | 161.8 | 58.48 | 161.8 | 56.96 | 161.8 | 55.48 | 160.0 | 53.58 |
|        | -5                | -5.6     | 169.0                     | 59.24 | 169.0 | 58.00 | 167.8 | 56.88 | 167.8 | 55.38 | 167.8 | 53.94 | 165.4 | 52.10 |
|        | -3                | -3.7     | 175.0                     | 57.76 | 175.0 | 56.48 | 173.8 | 55.30 | 173.8 | 53.80 | 173.8 | 52.38 | 170.6 | 50.50 |
|        | 0                 | -0.7     | 184.0                     | 55.56 | 184.0 | 54.18 | 182.6 | 52.92 | 182.6 | 51.46 | 182.6 | 50.06 | 170.6 | 46.00 |
|        | 3                 | 2.2      | 193.0                     | 53.36 | 193.0 | 51.84 | 191.6 | 50.54 | 190.0 | 48.68 | 183.2 | 45.62 | 170.6 | 43.86 |
|        | 5                 | 4.1      | 194.0                     | 50.52 | 184.0 | 45.36 | 182.6 | 44.04 | 178.0 | 41.66 | 171.0 | 39.82 | 158.4 | 38.40 |
|        | 7                 | 6        | 175.0                     | 40.82 | 172.6 | 38.86 | 170.4 | 37.52 | 165.4 | 35.96 | 158.6 | 34.70 | 145.6 | 33.24 |
|        | 9                 | 7.9      | 163.0                     | 35.66 | 160.8 | 34.08 | 157.6 | 32.62 | 152.6 | 31.44 | 145.6 | 30.24 | 132.6 | 28.76 |
|        | 11                | 9.8      | 151.4                     | 31.56 | 148.4 | 30.02 | 144.6 | 28.58 | 139.2 | 27.42 | 132.4 | 26.28 | 119.0 | 24.78 |
|        | 13                | 11.8     | 139.6                     | 27.64 | 135.8 | 26.10 | 131.0 | 24.66 | 125.4 | 23.58 | 118.4 | 22.50 | 105.2 | 21.00 |
|        | 15                | 13.7     | 127.2                     | 23.82 | 122.6 | 22.36 | 116.8 | 20.94 | 111.2 | 19.92 | 104.2 | 18.92 | 90.60 | 17.44 |
| 120    | -30               | -30.2    | 58.00                     | 54.18 | 58.00 | 54.56 | 57.60 | 55.12 | 57.60 | 55.70 | 57.60 | 56.64 | 56.60 | 57.22 |
|        | -24.8             | -25      | 96.60                     | 55.74 | 96.60 | 56.12 | 96.00 | 56.70 | 96.00 | 57.28 | 96.00 | 58.18 | 94.40 | 58.80 |
|        | -21.8             | -22      | 119.2                     | 56.64 | 119.2 | 57.02 | 118.4 | 57.62 | 118.4 | 58.20 | 118.4 | 59.08 | 116.2 | 59.72 |
|        | -19.8             | -20      | 126.4                     | 57.24 | 126.4 | 57.64 | 125.6 | 58.24 | 125.6 | 58.80 | 125.6 | 59.70 | 123.2 | 60.32 |
|        | -18.8             | -19      | 129.2                     | 57.56 | 129.2 | 57.94 | 128.4 | 58.54 | 128.4 | 59.10 | 128.4 | 60.00 | 126.0 | 60.62 |
|        | -16.7             | -17      | 135.2                     | 58.18 | 135.2 | 58.58 | 134.4 | 59.18 | 134.4 | 59.76 | 134.4 | 60.64 | 131.8 | 59.22 |
|        | -15               | -15.9    | 139.6                     | 58.66 | 139.6 | 59.04 | 138.6 | 59.64 | 138.6 | 60.22 | 138.6 | 59.60 | 136.0 | 58.22 |
|        | -13.7             | -15      | 143.8                     | 59.10 | 143.8 | 59.50 | 143.0 | 60.10 | 143.0 | 60.66 | 143.0 | 58.56 | 140.2 | 57.22 |
|        | -11.8             | -13      | 148.6                     | 59.68 | 148.6 | 60.06 | 147.6 | 60.68 | 147.6 | 59.18 | 147.6 | 57.22 | 145.6 | 55.96 |
|        | -9.8              | -11      | 153.4                     | 60.30 | 153.4 | 60.68 | 152.6 | 59.04 | 152.6 | 57.62 | 152.6 | 55.84 | 151.2 | 54.62 |
|        | -9.5              | -10      | 154.4                     | 60.38 | 154.4 | 60.42 | 153.4 | 58.82 | 153.4 | 57.40 | 153.4 | 55.62 | 152.0 | 54.40 |
|        | -8.5              | -9.1     | 157.4                     | 60.68 | 157.4 | 59.56 | 156.2 | 58.00 | 156.2 | 56.62 | 156.2 | 54.94 | 154.6 | 53.74 |
|        | -7                | -7.6     | 161.8                     | 59.42 | 161.8 | 58.28 | 160.8 | 56.78 | 160.8 | 55.44 | 160.8 | 53.90 | 158.8 | 52.74 |
|        | -5                | -5.6     | 167.8                     | 57.72 | 167.8 | 56.56 | 166.8 | 55.14 | 166.8 | 53.88 | 166.8 | 52.48 | 160.2 | 50.08 |
|        | -3                | -3.7     | 173.6                     | 56.02 | 173.6 | 54.86 | 172.6 | 53.50 | 172.6 | 52.32 | 172.4 | 51.06 | 160.2 | 47.46 |
|        | 0                 | -0.7     | 182.6                     | 53.48 | 182.6 | 52.28 | 181.4 | 51.06 | 178.0 | 49.02 | 172.4 | 46.56 | 160.2 | 45.54 |
|        | 3                 | 2.2      | 191.4                     | 50.94 | 191.4 | 49.70 | 184.0 | 47.00 | 178.0 | 45.18 | 172.4 | 44.46 | 160.2 | 43.62 |
|        | 5                 | 4.1      | 183.4                     | 44.56 | 180.8 | 42.80 | 172.8 | 40.76 | 166.6 | 39.86 | 161.0 | 39.26 | 148.6 | 38.34 |
|        | 7                 | 6        | 172.8                     | 38.20 | 169.6 | 36.72 | 161.0 | 35.70 | 155.0 | 34.82 | 149.2 | 34.34 | 136.8 | 33.32 |
|        | 9                 | 7.9      | 161.8                     | 33.64 | 158.0 | 32.34 | 149.0 | 31.26 | 143.0 | 30.42 | 137.0 | 29.90 | 124.6 | 28.80 |
|        | 11                | 9.8      | 150.4                     | 29.74 | 145.8 | 28.44 | 136.6 | 27.32 | 130.4 | 26.52 | 124.6 | 25.94 | 111.8 | 24.78 |
|        | 13                | 11.8     | 138.6                     | 25.98 | 133.4 | 24.70 | 123.8 | 23.58 | 117.6 | 22.78 | 111.6 | 22.20 | 98.60 | 21.00 |
|        | 15                | 13.7     | 126.4                     | 22.38 | 120.4 | 21.12 | 110.6 | 20.00 | 104.2 | 19.24 | 98.00 | 18.64 | 85.00 | 17.44 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 57.80                     | 54.56 | 57.80 | 55.12 | 57.40 | 55.70 | 57.40 | 56.64 | 57.40 | 57.22 | 56.20 | 57.56 |
|        | -24.8             | -25      | 96.20                     | 56.12 | 96.20 | 56.70 | 95.60 | 57.28 | 95.60 | 58.18 | 95.60 | 58.80 | 93.60 | 59.12 |
|        | -21.8             | -22      | 118.6                     | 57.02 | 118.6 | 57.62 | 117.6 | 58.20 | 117.6 | 59.08 | 117.6 | 59.72 | 115.6 | 60.00 |
|        | -19.8             | -20      | 125.8                     | 57.64 | 125.8 | 58.24 | 125.0 | 58.80 | 125.0 | 59.70 | 125.0 | 60.32 | 122.6 | 60.62 |
|        | -18.8             | -19      | 128.6                     | 57.94 | 128.6 | 58.54 | 127.8 | 59.10 | 127.8 | 60.00 | 127.8 | 60.62 | 125.4 | 59.88 |
|        | -16.7             | -17      | 134.6                     | 58.58 | 134.6 | 59.18 | 133.8 | 59.76 | 133.8 | 60.64 | 133.8 | 59.12 | 131.2 | 58.30 |
|        | -15               | -15.9    | 138.8                     | 59.04 | 138.8 | 59.64 | 138.0 | 60.22 | 138.0 | 59.48 | 138.0 | 58.02 | 136.6 | 57.18 |
|        | -13.7             | -15      | 143.0                     | 59.50 | 143.0 | 60.10 | 142.2 | 60.66 | 142.2 | 58.34 | 142.2 | 56.92 | 142.2 | 56.06 |
|        | -11.8             | -13      | 147.6                     | 60.06 | 147.6 | 60.68 | 146.8 | 59.04 | 146.8 | 56.86 | 146.8 | 55.52 | 144.2 | 53.64 |
|        | -9.8              | -11      | 152.6                     | 60.68 | 152.6 | 58.84 | 151.8 | 57.32 | 151.8 | 55.32 | 151.8 | 54.08 | 144.2 | 50.70 |
|        | -9.5              | -10      | 153.4                     | 60.38 | 153.4 | 58.56 | 152.6 | 57.04 | 152.6 | 55.08 | 152.6 | 53.86 | 144.2 | 50.20 |
|        | -8.5              | -9.1     | 156.4                     | 59.40 | 156.4 | 57.64 | 155.6 | 56.18 | 155.6 | 54.32 | 154.4 | 52.68 | 144.2 | 49.48 |
|        | -7                | -7.6     | 161.0                     | 57.90 | 161.0 | 56.26 | 160.0 | 54.90 | 159.8 | 53.14 | 154.4 | 50.22 | 144.2 | 48.42 |
|        | -5                | -5.6     | 166.8                     | 55.92 | 166.8 | 54.38 | 165.2 | 53.00 | 159.8 | 49.80 | 154.4 | 47.98 | 144.2 | 46.98 |
|        | -3                | -3.7     | 172.8                     | 53.92 | 172.8 | 52.54 | 165.2 | 49.48 | 159.8 | 47.48 | 154.4 | 46.56 | 144.2 | 45.54 |
|        | 0                 | -0.7     | 181.6                     | 50.92 | 176.2 | 48.28 | 165.2 | 46.36 | 159.8 | 45.28 | 154.4 | 44.48 | 144.2 | 43.40 |
|        | 3                 | 2.2      | 186.4                     | 46.92 | 176.2 | 44.58 | 165.2 | 43.88 | 159.8 | 43.06 | 154.4 | 42.38 | 144.2 | 41.22 |
|        | 5                 | 4.1      | 176.4                     | 40.20 | 166.2 | 39.36 | 155.0 | 38.68 | 149.6 | 37.98 | 144.2 | 37.34 | 133.8 | 36.08 |
|        | 7                 | 6        | 166.2                     | 35.22 | 155.8 | 34.44 | 144.6 | 33.76 | 139.2 | 33.18 | 133.6 | 32.60 | 123.2 | 31.22 |
|        | 9                 | 7.9      | 155.6                     | 31.06 | 145.0 | 30.24 | 133.8 | 29.48 | 128.4 | 28.90 | 122.8 | 28.30 | 112.0 | 26.92 |
|        | 11                | 9.8      | 144.6                     | 27.38 | 134.0 | 26.50 | 122.8 | 25.70 | 117.2 | 25.10 | 111.6 | 24.48 | 100.6 | 23.12 |
|        | 13                | 11.8     | 133.4                     | 23.80 | 122.6 | 22.92 | 111.2 | 22.08 | 105.6 | 21.50 | 99.80 | 20.88 | 88.80 | 19.52 |
|        | 15                | 13.7     | 121.6                     | 20.42 | 110.6 | 19.54 | 99.20 | 18.68 | 93.60 | 18.10 | 87.80 | 17.50 | 76.60 | 16.18 |
| 100    | -30               | -30.2    | 57.40                     | 62.86 | 57.40 | 62.64 | 57.20 | 54.72 | 57.20 | 62.08 | 57.20 | 60.36 | 56.00 | 61.74 |
|        | -24.8             | -25      | 95.80                     | 62.30 | 95.80 | 62.08 | 95.20 | 57.90 | 95.20 | 61.52 | 95.20 | 61.28 | 93.20 | 61.18 |
|        | -21.8             | -22      | 117.8                     | 61.96 | 117.8 | 61.76 | 117.2 | 59.76 | 117.2 | 61.20 | 117.2 | 61.82 | 114.8 | 60.84 |
|        | -19.8             | -20      | 125.2                     | 61.76 | 125.2 | 61.52 | 124.6 | 60.90 | 124.6 | 60.98 | 124.6 | 61.04 | 122.2 | 60.62 |
|        | -18.8             | -19      | 128.0                     | 61.66 | 127.4 | 61.42 | 127.4 | 61.20 | 127.4 | 60.86 | 127.4 | 60.62 | 124.8 | 59.70 |
|        | -16.7             | -17      | 133.2                     | 61.44 | 133.2 | 61.20 | 133.2 | 61.84 | 132.4 | 60.64 | 132.4 | 58.72 | 130.0 | 57.76 |
|        | -15               | -15.9    | 137.8                     | 61.28 | 137.8 | 61.04 | 137.2 | 61.26 | 137.0 | 59.26 | 137.0 | 57.36 | 131.8 | 55.26 |
|        | -13.7             | -15      | 142.4                     | 61.12 | 142.4 | 60.88 | 141.4 | 60.66 | 141.4 | 57.88 | 141.4 | 55.94 | 131.8 | 52.14 |
|        | -11.8             | -13      | 147.0                     | 60.90 | 146.2 | 60.68 | 146.2 | 58.82 | 146.2 | 56.12 | 141.4 | 52.46 | 131.8 | 50.48 |
|        | -9.8              | -11      | 151.8                     | 60.68 | 151.8 | 58.62 | 151.2 | 56.88 | 146.2 | 52.54 | 141.4 | 49.76 | 131.8 | 48.72 |
|        | -9.5              | -10      | 152.6                     | 60.36 | 152.6 | 58.30 | 151.2 | 56.28 | 146.2 | 51.98 | 141.4 | 49.50 | 131.8 | 48.44 |
|        | -8.5              | -9.1     | 155.6                     | 59.30 | 155.6 | 57.26 | 151.2 | 54.22 | 146.2 | 50.38 | 141.4 | 48.64 | 131.8 | 47.56 |
|        | -7                | -7.6     | 162.8                     | 57.68 | 160.8 | 55.32 | 151.2 | 51.38 | 146.2 | 49.08 | 141.4 | 47.34 | 131.8 | 46.24 |
|        | -5                | -5.6     | 169.8                     | 55.50 | 160.8 | 51.36 | 151.2 | 49.54 | 146.2 | 47.30 | 141.4 | 45.60 | 131.8 | 44.46 |
|        | -3                | -3.7     | 170.4                     | 52.06 | 160.8 | 48.94 | 151.2 | 47.68 | 146.2 | 45.54 | 141.4 | 43.86 | 131.8 | 42.68 |
|        | 0                 | -0.7     | 170.4                     | 47.54 | 160.8 | 45.98 | 151.2 | 44.90 | 146.2 | 42.90 | 141.4 | 41.24 | 131.8 | 40.02 |
|        | 3                 | 2.2      | 170.4                     | 44.46 | 160.8 | 43.02 | 151.2 | 42.12 | 146.2 | 40.26 | 141.4 | 38.64 | 131.8 | 37.36 |
|        | 5                 | 4.1      | 161.4                     | 39.16 | 151.6 | 37.78 | 142.0 | 36.90 | 136.8 | 35.24 | 132.0 | 33.66 | 122.4 | 32.30 |
|        | 7                 | 6        | 152.0                     | 34.18 | 142.2 | 32.86 | 132.4 | 32.04 | 127.2 | 30.50 | 122.4 | 29.04 | 112.6 | 27.62 |
|        | 9                 | 7.9      | 142.2                     | 30.04 | 132.4 | 28.76 | 122.6 | 27.88 | 117.4 | 26.48 | 112.4 | 25.14 | 102.4 | 23.74 |
|        | 11                | 9.8      | 132.2                     | 26.38 | 122.2 | 25.14 | 112.4 | 24.24 | 107.2 | 22.94 | 102.2 | 21.70 | 92.00 | 20.34 |
|        | 13                | 11.8     | 121.8                     | 22.90 | 111.8 | 21.68 | 101.8 | 20.78 | 96.60 | 19.60 | 91.40 | 18.46 | 81.20 | 17.14 |
|        | 15                | 13.7     | 111.2                     | 19.58 | 101.0 | 18.44 | 90.80 | 17.54 | 85.60 | 16.46 | 80.40 | 15.46 | 70.00 | 14.18 |
| 90     | -30               | -30.2    | 57.20                     | 53.84 | 57.20 | 54.68 | 56.80 | 55.36 | 56.80 | 55.60 | 56.80 | 56.22 | 55.80 | 62.98 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 95.40                     | 55.40 | 95.40 | 56.28 | 94.80 | 56.92 | 94.80 | 57.20 | 94.80 | 57.80 | 93.00 | 58.72 |
|        | -21.8             | -22      | 117.4                     | 56.30 | 117.4 | 57.20 | 116.8 | 57.82 | 116.8 | 58.12 | 116.8 | 58.72 | 114.4 | 56.26 |
|        | -19.8             | -20      | 124.8                     | 56.90 | 124.8 | 57.82 | 124.0 | 58.44 | 124.0 | 58.74 | 124.0 | 57.04 | 120.4 | 54.10 |
|        | -18.8             | -19      | 128.0                     | 57.22 | 127.4 | 58.12 | 126.6 | 58.74 | 126.6 | 57.88 | 126.6 | 56.20 | 120.4 | 52.10 |
|        | -16.7             | -17      | 133.2                     | 57.86 | 133.2 | 58.76 | 132.6 | 56.96 | 132.6 | 56.06 | 129.8 | 53.24 | 120.4 | 49.40 |
|        | -15               | -15.9    | 137.8                     | 58.32 | 137.8 | 57.44 | 136.8 | 55.70 | 134.0 | 53.64 | 129.8 | 51.22 | 120.4 | 48.22 |
|        | -13.7             | -15      | 142.4                     | 58.78 | 142.4 | 56.10 | 138.4 | 53.36 | 134.0 | 50.82 | 129.8 | 49.26 | 120.4 | 47.06 |
|        | -11.8             | -13      | 147.0                     | 56.96 | 146.2 | 54.44 | 138.4 | 50.16 | 134.0 | 49.18 | 129.8 | 47.76 | 120.4 | 45.56 |
|        | -9.8              | -11      | 151.8                     | 55.06 | 146.8 | 50.96 | 138.4 | 48.48 | 134.0 | 47.52 | 129.8 | 46.16 | 120.4 | 44.00 |
|        | -9.5              | -10      | 152.6                     | 54.76 | 146.8 | 50.42 | 138.4 | 48.24 | 134.0 | 47.28 | 129.8 | 45.90 | 120.4 | 43.76 |
|        | -8.5              | -9.1     | 155.6                     | 53.82 | 146.8 | 48.94 | 138.4 | 47.42 | 134.0 | 46.46 | 129.8 | 45.12 | 120.4 | 42.98 |
|        | -7                | -7.6     | 156.0                     | 50.22 | 146.8 | 47.62 | 138.4 | 46.22 | 134.0 | 45.22 | 129.8 | 43.92 | 120.4 | 41.80 |
|        | -5                | -5.6     | 156.0                     | 47.88 | 146.8 | 45.94 | 138.4 | 44.60 | 134.0 | 43.58 | 129.8 | 42.32 | 120.4 | 40.24 |
|        | -3                | -3.7     | 156.0                     | 46.06 | 146.8 | 44.26 | 138.4 | 42.98 | 134.0 | 41.92 | 129.8 | 40.70 | 120.4 | 38.68 |
|        | 0                 | -0.7     | 156.0                     | 43.34 | 146.8 | 41.72 | 138.4 | 40.54 | 134.0 | 39.44 | 129.8 | 38.28 | 120.4 | 36.32 |
|        | 3                 | 2.2      | 156.0                     | 40.60 | 146.8 | 39.18 | 138.4 | 38.10 | 134.0 | 36.98 | 129.8 | 35.88 | 120.4 | 33.94 |
|        | 5                 | 4.1      | 147.6                     | 35.84 | 138.4 | 34.54 | 130.0 | 33.48 | 125.4 | 32.34 | 121.2 | 31.30 | 111.8 | 29.42 |
|        | 7                 | 6        | 139.0                     | 31.38 | 129.8 | 30.20 | 121.2 | 29.14 | 116.6 | 28.04 | 112.4 | 27.08 | 102.8 | 25.24 |
|        | 9                 | 7.9      | 130.2                     | 27.28 | 120.8 | 26.14 | 112.2 | 25.12 | 107.6 | 24.10 | 103.2 | 23.20 | 93.60 | 21.50 |
|        | 11                | 9.8      | 121.0                     | 23.50 | 111.6 | 22.40 | 102.8 | 21.40 | 98.20 | 20.46 | 93.80 | 19.64 | 84.00 | 18.06 |
|        | 13                | 11.8     | 111.6                     | 19.98 | 102.2 | 18.96 | 93.20 | 18.02 | 88.40 | 17.16 | 84.00 | 16.40 | 74.20 | 14.96 |
|        | 15                | 13.7     | 101.8                     | 16.78 | 92.20 | 15.84 | 83.20 | 14.92 | 78.40 | 14.18 | 73.80 | 13.48 | 64.00 | 12.18 |
| 80     | -30               | -30.2    | 57.00                     | 47.24 | 57.00 | 48.18 | 56.60 | 48.82 | 56.60 | 48.06 | 56.60 | 55.92 | 55.60 | 53.62 |
|        | -24.8             | -25      | 95.00                     | 48.84 | 95.00 | 49.74 | 94.40 | 50.38 | 94.40 | 50.68 | 94.40 | 52.16 | 92.60 | 49.98 |
|        | -21.8             | -22      | 116.2                     | 49.76 | 116.2 | 50.64 | 116.2 | 51.28 | 116.2 | 52.18 | 115.8 | 49.80 | 107.6 | 45.44 |
|        | -19.8             | -20      | 123.4                     | 50.36 | 123.4 | 51.26 | 123.4 | 52.18 | 120.0 | 49.24 | 115.8 | 46.06 | 107.6 | 44.10 |
|        | -18.8             | -19      | 126.2                     | 50.66 | 126.2 | 52.20 | 123.6 | 50.36 | 120.0 | 47.42 | 115.8 | 45.36 | 107.6 | 43.46 |
|        | -16.7             | -17      | 130.4                     | 52.20 | 130.4 | 50.58 | 123.6 | 47.24 | 120.0 | 45.80 | 115.8 | 43.94 | 107.6 | 42.08 |
|        | -15               | -15.9    | 133.4                     | 51.02 | 131.8 | 49.38 | 123.6 | 46.14 | 120.0 | 44.72 | 115.8 | 42.90 | 107.6 | 41.08 |
|        | -13.7             | -15      | 136.4                     | 49.82 | 131.8 | 47.64 | 123.6 | 45.04 | 120.0 | 43.62 | 115.8 | 41.86 | 107.6 | 40.08 |
|        | -11.8             | -13      | 139.6                     | 48.30 | 131.8 | 45.54 | 123.6 | 43.64 | 120.0 | 42.24 | 115.8 | 40.56 | 107.6 | 38.82 |
|        | -9.8              | -11      | 139.8                     | 45.58 | 131.8 | 43.44 | 123.6 | 42.16 | 120.0 | 40.78 | 115.8 | 39.16 | 107.6 | 37.48 |
|        | -9.5              | -10      | 139.8                     | 45.00 | 131.8 | 42.94 | 123.6 | 41.94 | 120.0 | 40.56 | 115.8 | 38.96 | 107.6 | 37.30 |
|        | -8.5              | -9.1     | 139.8                     | 43.78 | 131.8 | 42.00 | 123.6 | 41.20 | 120.0 | 39.84 | 115.8 | 38.30 | 107.6 | 36.64 |
|        | -7                | -7.6     | 139.8                     | 42.20 | 131.8 | 40.90 | 123.6 | 40.10 | 120.0 | 38.74 | 115.8 | 37.26 | 107.6 | 35.64 |
|        | -5                | -5.6     | 139.8                     | 40.68 | 131.8 | 39.44 | 123.6 | 38.60 | 120.0 | 37.28 | 115.8 | 35.86 | 107.6 | 34.30 |
|        | -3                | -3.7     | 139.8                     | 39.16 | 131.8 | 37.96 | 123.6 | 37.12 | 120.0 | 35.82 | 115.8 | 34.48 | 107.6 | 32.96 |
|        | 0                 | -0.7     | 139.8                     | 36.86 | 131.8 | 35.78 | 123.6 | 34.92 | 120.0 | 33.62 | 115.8 | 32.40 | 107.6 | 30.98 |
|        | 3                 | 2.2      | 139.8                     | 34.58 | 131.8 | 33.56 | 123.6 | 32.68 | 120.0 | 31.40 | 115.8 | 30.32 | 107.6 | 28.96 |
|        | 5                 | 4.1      | 132.4                     | 30.60 | 124.2 | 29.60 | 116.0 | 28.68 | 112.4 | 27.46 | 108.2 | 26.46 | 99.80 | 25.16 |
|        | 7                 | 6        | 124.6                     | 26.84 | 116.6 | 25.88 | 108.2 | 24.92 | 104.4 | 23.80 | 100.2 | 22.90 | 91.80 | 21.64 |
|        | 9                 | 7.9      | 116.6                     | 23.04 | 108.6 | 22.14 | 100.2 | 21.20 | 96.40 | 20.18 | 92.00 | 19.38 | 83.60 | 18.20 |
|        | 11                | 9.8      | 108.4                     | 19.38 | 100.2 | 18.54 | 91.80 | 17.68 | 88.00 | 16.78 | 83.60 | 16.06 | 75.20 | 14.98 |
|        | 13                | 11.8     | 100.0                     | 16.28 | 91.60 | 15.48 | 83.20 | 14.70 | 79.20 | 13.90 | 74.80 | 13.24 | 66.20 | 12.26 |
|        | 15                | 13.7     | 91.20                     | 13.64 | 82.80 | 12.90 | 74.20 | 12.16 | 70.20 | 11.46 | 65.80 | 10.88 | 57.20 | 9.98  |
| 70     | -30               | -30.2    | 57.00                     | 47.64 | 57.00 | 47.94 | 56.60 | 48.54 | 56.60 | 55.18 | 56.60 | 52.52 | 55.60 | 50.12 |
|        | -24.8             | -25      | 95.00                     | 49.24 | 95.00 | 49.54 | 94.40 | 50.14 | 94.40 | 51.06 | 94.40 | 48.66 | 92.20 | 46.18 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 111.6                     | 50.16 | 111.6 | 50.46 | 105.4 | 48.46 | 101.8 | 46.18 | 98.60 | 44.04 | 92.20 | 42.00 |
|        | -19.8             | -20      | 118.6                     | 49.02 | 111.8 | 48.46 | 105.4 | 46.86 | 101.8 | 44.68 | 98.60 | 42.64 | 92.20 | 40.62 |
|        | -18.8             | -19      | 118.6                     | 48.48 | 111.8 | 47.66 | 105.4 | 46.08 | 101.8 | 43.92 | 98.60 | 41.92 | 92.20 | 39.94 |
|        | -16.7             | -17      | 118.6                     | 46.76 | 111.8 | 45.92 | 105.4 | 44.42 | 101.8 | 42.32 | 98.60 | 40.46 | 92.20 | 38.50 |
|        | -15               | -15.9    | 118.6                     | 45.56 | 111.8 | 44.70 | 105.4 | 43.22 | 101.8 | 41.20 | 98.60 | 39.40 | 92.20 | 37.48 |
|        | -13.7             | -15      | 118.6                     | 44.34 | 111.8 | 43.46 | 105.4 | 42.02 | 101.8 | 40.08 | 98.60 | 38.32 | 92.20 | 36.44 |
|        | -11.8             | -13      | 118.6                     | 42.80 | 111.8 | 41.92 | 105.4 | 40.52 | 101.8 | 38.62 | 98.60 | 36.98 | 92.20 | 35.16 |
|        | -9.8              | -11      | 118.6                     | 41.18 | 111.8 | 40.26 | 105.4 | 38.94 | 101.8 | 37.12 | 98.60 | 35.58 | 92.20 | 33.78 |
|        | -9.5              | -10      | 118.6                     | 40.94 | 111.8 | 40.00 | 105.4 | 38.70 | 101.8 | 36.88 | 98.60 | 35.36 | 92.20 | 33.58 |
|        | -8.5              | -9.1     | 118.6                     | 40.14 | 111.8 | 39.20 | 105.4 | 37.90 | 101.8 | 36.12 | 98.60 | 34.64 | 92.20 | 32.88 |
|        | -7                | -7.6     | 118.6                     | 38.90 | 111.8 | 37.96 | 105.4 | 36.72 | 101.8 | 35.00 | 98.60 | 33.58 | 92.20 | 31.86 |
|        | -5                | -5.6     | 118.6                     | 37.28 | 111.8 | 36.32 | 105.4 | 35.10 | 101.8 | 33.48 | 98.60 | 32.16 | 92.20 | 30.48 |
|        | -3                | -3.7     | 118.6                     | 35.66 | 111.8 | 34.66 | 105.4 | 33.50 | 101.8 | 31.96 | 98.60 | 30.74 | 92.20 | 29.10 |
|        | 0                 | -0.7     | 118.6                     | 33.22 | 111.8 | 32.18 | 105.4 | 31.12 | 101.8 | 29.68 | 98.60 | 28.62 | 92.20 | 27.04 |
|        | 3                 | 2.2      | 118.6                     | 30.78 | 111.8 | 29.72 | 105.4 | 28.72 | 101.8 | 27.42 | 98.60 | 26.48 | 92.20 | 24.98 |
|        | 5                 | 4.1      | 112.2                     | 27.00 | 105.4 | 25.92 | 99.00 | 24.98 | 95.40 | 23.80 | 92.00 | 22.98 | 85.60 | 21.54 |
|        | 7                 | 6        | 105.8                     | 23.50 | 98.80 | 22.42 | 92.20 | 21.50 | 88.60 | 20.44 | 85.40 | 19.74 | 78.80 | 18.36 |
|        | 9                 | 7.9      | 99.00                     | 19.44 | 92.00 | 18.46 | 85.40 | 17.64 | 81.80 | 16.74 | 78.40 | 16.12 | 71.60 | 14.90 |
|        | 11                | 9.8      | 92.00                     | 16.46 | 85.00 | 15.56 | 78.20 | 14.80 | 74.60 | 14.00 | 71.20 | 13.44 | 64.40 | 12.36 |
|        | 13                | 11.8     | 84.80                     | 13.88 | 77.80 | 13.08 | 71.00 | 12.36 | 67.20 | 11.66 | 63.80 | 11.16 | 56.80 | 10.20 |
|        | 15                | 13.7     | 77.40                     | 11.70 | 70.20 | 10.96 | 63.40 | 10.32 | 59.60 | 9.68  | 56.00 | 9.24  | 49.00 | 8.36  |
| 60     | -30               | -30.2    | 57.00                     | 47.14 | 57.00 | 47.74 | 56.60 | 54.70 | 55.20 | 51.82 | 53.20 | 49.18 | 50.00 | 46.76 |
|        | -24.8             | -25      | 95.00                     | 48.74 | 95.00 | 49.34 | 90.40 | 48.12 | 87.20 | 45.24 | 84.20 | 42.96 | 79.00 | 40.80 |
|        | -21.8             | -22      | 101.8                     | 49.38 | 96.20 | 47.70 | 90.40 | 45.24 | 87.20 | 42.96 | 84.20 | 40.80 | 79.00 | 38.72 |
|        | -19.8             | -20      | 101.8                     | 47.70 | 96.20 | 45.98 | 90.40 | 43.62 | 87.20 | 41.44 | 84.20 | 39.38 | 79.00 | 37.34 |
|        | -18.8             | -19      | 101.8                     | 46.84 | 96.20 | 45.12 | 90.40 | 42.82 | 87.20 | 40.68 | 84.20 | 38.66 | 79.00 | 36.64 |
|        | -16.7             | -17      | 101.8                     | 45.02 | 96.20 | 43.32 | 90.40 | 41.12 | 87.20 | 39.08 | 84.20 | 37.16 | 79.00 | 35.18 |
|        | -15               | -15.9    | 101.8                     | 43.72 | 96.20 | 42.04 | 90.40 | 39.90 | 87.20 | 37.94 | 84.20 | 36.08 | 79.00 | 34.16 |
|        | -13.7             | -15      | 101.8                     | 42.42 | 96.20 | 40.76 | 90.40 | 38.70 | 87.20 | 36.80 | 84.20 | 35.02 | 79.00 | 33.12 |
|        | -11.8             | -13      | 101.8                     | 40.78 | 96.20 | 39.12 | 90.40 | 37.14 | 87.20 | 35.34 | 84.20 | 33.66 | 79.00 | 31.80 |
|        | -9.8              | -11      | 101.8                     | 39.06 | 96.20 | 37.40 | 90.40 | 35.52 | 87.20 | 33.84 | 84.20 | 32.22 | 79.00 | 30.42 |
|        | -9.5              | -10      | 101.8                     | 38.80 | 96.20 | 37.14 | 90.40 | 35.28 | 87.20 | 33.60 | 84.20 | 32.00 | 79.00 | 30.20 |
|        | -8.5              | -9.1     | 101.8                     | 37.94 | 96.20 | 36.28 | 90.40 | 34.48 | 87.20 | 32.84 | 84.20 | 31.28 | 79.00 | 29.50 |
|        | -7                | -7.6     | 101.8                     | 36.64 | 96.20 | 35.00 | 90.40 | 33.26 | 87.20 | 31.70 | 84.20 | 30.22 | 79.00 | 28.46 |
|        | -5                | -5.6     | 101.8                     | 34.88 | 96.20 | 33.26 | 90.40 | 31.62 | 87.20 | 30.18 | 84.20 | 28.78 | 79.00 | 27.08 |
|        | -3                | -3.7     | 101.8                     | 33.16 | 96.20 | 31.54 | 90.40 | 29.98 | 87.20 | 28.64 | 84.20 | 27.34 | 79.00 | 25.68 |
|        | 0                 | -0.7     | 101.8                     | 30.54 | 96.20 | 28.96 | 90.40 | 27.56 | 87.20 | 26.34 | 84.20 | 25.16 | 79.00 | 23.60 |
|        | 3                 | 2.2      | 101.8                     | 27.92 | 96.20 | 26.36 | 90.40 | 25.10 | 87.20 | 24.06 | 84.20 | 23.02 | 79.00 | 21.50 |
|        | 5                 | 4.1      | 96.40                     | 24.32 | 90.80 | 22.80 | 84.80 | 21.66 | 81.60 | 20.76 | 78.60 | 19.82 | 73.40 | 18.40 |
|        | 7                 | 6        | 90.80                     | 20.96 | 85.00 | 19.52 | 79.20 | 18.50 | 76.00 | 17.68 | 72.80 | 16.90 | 67.40 | 15.56 |
|        | 9                 | 7.9      | 85.00                     | 17.20 | 79.20 | 15.94 | 73.20 | 15.02 | 70.00 | 14.34 | 67.00 | 13.68 | 61.40 | 12.52 |
|        | 11                | 9.8      | 79.00                     | 14.62 | 73.20 | 13.52 | 67.20 | 12.70 | 64.00 | 12.08 | 60.80 | 11.50 | 55.20 | 10.46 |
|        | 13                | 11.8     | 72.80                     | 12.42 | 67.00 | 11.42 | 60.80 | 10.68 | 57.60 | 10.14 | 54.40 | 9.62  | 48.60 | 8.70  |
|        | 15                | 13.7     | 66.40                     | 10.54 | 60.40 | 9.66  | 54.20 | 8.96  | 51.00 | 8.50  | 47.80 | 8.02  | 42.00 | 7.22  |
| 50     | -30               | -30.2    | 53.60                     | 41.06 | 50.60 | 47.50 | 47.60 | 44.96 | 46.00 | 42.64 | 44.60 | 40.36 | 41.40 | 38.38 |
|        | -24.8             | -25      | 84.80                     | 40.48 | 80.00 | 41.34 | 75.20 | 39.18 | 72.80 | 37.16 | 70.40 | 35.26 | 65.40 | 33.48 |
|        | -21.8             | -22      | 84.80                     | 41.36 | 80.00 | 39.20 | 75.20 | 37.18 | 72.80 | 35.26 | 70.40 | 33.48 | 65.40 | 31.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 84.80                     | 39.86 | 80.00 | 37.76 | 75.20 | 35.84 | 72.80 | 33.98 | 70.40 | 32.30 | 65.40 | 30.62 |
|        | -18.8             | -19      | 84.80                     | 39.10 | 80.00 | 37.04 | 75.20 | 35.16 | 72.80 | 33.38 | 70.40 | 31.70 | 65.40 | 30.06 |
|        | -16.7             | -17      | 84.80                     | 37.54 | 80.00 | 35.54 | 75.20 | 33.78 | 72.80 | 32.04 | 70.40 | 30.48 | 65.40 | 28.86 |
|        | -15               | -15.9    | 84.80                     | 36.42 | 80.00 | 34.46 | 75.20 | 32.76 | 72.80 | 31.08 | 70.40 | 29.60 | 65.40 | 28.02 |
|        | -13.7             | -15      | 84.80                     | 35.30 | 80.00 | 33.40 | 75.20 | 31.76 | 72.80 | 30.14 | 70.40 | 28.70 | 65.40 | 27.16 |
|        | -11.8             | -13      | 84.80                     | 33.90 | 80.00 | 32.04 | 75.20 | 30.48 | 72.80 | 28.92 | 70.40 | 27.58 | 65.40 | 26.08 |
|        | -9.8              | -11      | 84.80                     | 32.40 | 80.00 | 30.60 | 75.20 | 29.14 | 72.80 | 27.64 | 70.40 | 26.38 | 65.40 | 24.92 |
|        | -9.5              | -10      | 84.80                     | 32.16 | 80.00 | 30.40 | 75.20 | 28.94 | 72.80 | 27.46 | 70.40 | 26.22 | 65.40 | 24.76 |
|        | -8.5              | -9.1     | 84.80                     | 31.40 | 80.00 | 29.68 | 75.20 | 28.26 | 72.80 | 26.82 | 70.40 | 25.62 | 65.40 | 24.18 |
|        | -7                | -7.6     | 84.80                     | 30.30 | 80.00 | 28.60 | 75.20 | 27.26 | 72.80 | 25.88 | 70.40 | 24.74 | 65.40 | 23.34 |
|        | -5                | -5.6     | 84.80                     | 28.78 | 80.00 | 27.16 | 75.20 | 25.92 | 72.80 | 24.60 | 70.40 | 23.54 | 65.40 | 22.18 |
|        | -3                | -3.7     | 84.80                     | 27.28 | 80.00 | 25.72 | 75.20 | 24.56 | 72.80 | 23.32 | 70.40 | 22.36 | 65.40 | 21.06 |
|        | 0                 | -0.7     | 84.80                     | 25.04 | 80.00 | 23.54 | 75.20 | 22.54 | 72.80 | 21.40 | 70.40 | 20.58 | 65.40 | 19.32 |
|        | 3                 | 2.2      | 84.80                     | 22.78 | 80.00 | 21.40 | 75.20 | 20.54 | 72.80 | 19.48 | 70.40 | 18.80 | 65.40 | 17.60 |
|        | 5                 | 4.1      | 80.20                     | 19.80 | 75.40 | 18.52 | 70.60 | 17.74 | 68.20 | 16.82 | 65.80 | 16.22 | 60.60 | 15.10 |
|        | 7                 | 6        | 75.60                     | 17.04 | 70.80 | 15.86 | 65.80 | 15.18 | 63.40 | 14.36 | 61.00 | 13.86 | 55.80 | 12.82 |
|        | 9                 | 7.9      | 70.80                     | 14.18 | 65.80 | 13.16 | 61.00 | 12.54 | 58.40 | 11.84 | 56.00 | 11.40 | 50.80 | 10.48 |
|        | 11                | 9.8      | 65.80                     | 12.14 | 60.80 | 11.22 | 55.80 | 10.66 | 53.40 | 10.06 | 50.80 | 9.66  | 45.60 | 8.84  |
|        | 13                | 11.8     | 60.60                     | 10.38 | 55.60 | 9.56  | 50.60 | 9.04  | 48.00 | 8.50  | 45.60 | 8.14  | 40.20 | 7.42  |
|        | 15                | 13.7     | 55.40                     | 8.86  | 50.20 | 8.14  | 45.20 | 7.68  | 42.60 | 7.20  | 40.00 | 6.88  | 34.80 | 6.22  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM500LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 63.90                     | 50.90 | 63.90 | 51.30 | 63.40 | 51.67 | 63.40 | 52.22 | 63.40 | 52.78 | 62.50 | 53.60 |
|        | -24.8             | -25      | 106.4                     | 52.17 | 106.4 | 52.57 | 105.7 | 52.94 | 105.7 | 53.49 | 105.7 | 54.03 | 104.2 | 54.85 |
|        | -21.8             | -22      | 127.5                     | 52.90 | 127.5 | 53.31 | 126.7 | 53.68 | 126.7 | 54.22 | 126.7 | 54.75 | 124.7 | 55.57 |
|        | -19.8             | -20      | 133.6                     | 53.39 | 133.6 | 53.80 | 132.7 | 54.15 | 132.7 | 54.71 | 132.7 | 55.22 | 130.6 | 56.05 |
|        | -18.8             | -19      | 136.4                     | 53.62 | 136.4 | 54.04 | 135.5 | 54.39 | 135.5 | 54.94 | 135.5 | 55.46 | 133.4 | 56.29 |
|        | -16.7             | -17      | 142.4                     | 54.14 | 142.4 | 54.54 | 141.4 | 54.90 | 141.4 | 55.44 | 141.4 | 55.95 | 139.2 | 56.79 |
|        | -15               | -15.9    | 146.7                     | 54.48 | 146.7 | 54.89 | 145.7 | 55.25 | 145.7 | 55.79 | 145.7 | 56.31 | 143.5 | 55.57 |
|        | -13.7             | -15      | 151.0                     | 54.85 | 151.0 | 55.25 | 150.1 | 55.61 | 150.1 | 56.15 | 150.1 | 56.68 | 147.7 | 54.37 |
|        | -11.8             | -13      | 155.9                     | 55.30 | 155.9 | 55.70 | 154.9 | 56.06 | 154.9 | 56.62 | 154.9 | 55.04 | 152.9 | 52.83 |
|        | -9.8              | -11      | 161.1                     | 55.77 | 161.1 | 56.19 | 160.0 | 56.54 | 160.0 | 54.87 | 160.0 | 53.34 | 158.1 | 51.25 |
|        | -9.5              | -10      | 162.0                     | 55.86 | 162.0 | 56.25 | 161.1 | 56.27 | 161.1 | 54.59 | 160.8 | 53.09 | 158.9 | 51.00 |
|        | -8.5              | -9.1     | 165.3                     | 56.09 | 165.3 | 56.50 | 164.3 | 55.36 | 164.3 | 53.74 | 163.3 | 52.23 | 161.7 | 50.21 |
|        | -7                | -7.6     | 170.4                     | 56.44 | 170.4 | 55.15 | 169.3 | 54.02 | 169.3 | 52.41 | 169.3 | 50.95 | 166.4 | 49.00 |
|        | -5                | -5.6     | 177.0                     | 54.75 | 177.0 | 53.45 | 175.9 | 52.30 | 175.9 | 50.74 | 175.9 | 49.31 | 171.8 | 47.48 |
|        | -3                | -3.7     | 183.8                     | 53.04 | 183.8 | 51.72 | 182.5 | 50.55 | 182.5 | 49.05 | 182.5 | 47.67 | 176.4 | 45.70 |
|        | 0                 | -0.7     | 193.5                     | 50.51 | 193.5 | 49.16 | 192.5 | 47.95 | 192.3 | 46.49 | 190.6 | 44.76 | 177.8 | 41.84 |
|        | 3                 | 2.2      | 201.8                     | 47.53 | 201.8 | 46.15 | 200.6 | 44.96 | 197.9 | 43.07 | 191.0 | 40.67 | 177.8 | 39.11 |
|        | 5                 | 4.1      | 192.8                     | 40.97 | 192.0 | 39.53 | 190.5 | 38.38 | 185.4 | 36.46 | 178.3 | 34.97 | 165.0 | 33.67 |
|        | 7                 | 6        | 181.5                     | 34.94 | 180.0 | 33.53 | 177.7 | 32.31 | 172.4 | 31.02 | 165.2 | 29.92 | 151.8 | 28.65 |
|        | 9                 | 7.9      | 169.9                     | 30.30 | 167.6 | 28.91 | 164.5 | 27.64 | 158.9 | 26.60 | 151.8 | 25.58 | 138.2 | 24.30 |
|        | 11                | 9.8      | 158.0                     | 26.33 | 154.8 | 24.98 | 150.8 | 23.74 | 145.0 | 22.77 | 138.0 | 21.80 | 124.1 | 20.52 |
|        | 13                | 11.8     | 145.6                     | 22.57 | 141.6 | 21.31 | 136.6 | 20.08 | 130.7 | 19.18 | 123.5 | 18.29 | 109.5 | 17.03 |
|        | 15                | 13.7     | 132.8                     | 19.09 | 127.8 | 17.88 | 121.9 | 16.71 | 115.9 | 15.90 | 108.5 | 15.08 | 94.50 | 13.87 |
| 120    | -30               | -30.2    | 63.40                     | 51.30 | 63.40 | 51.67 | 63.00 | 52.22 | 63.00 | 52.78 | 63.00 | 53.60 | 62.00 | 54.21 |
|        | -24.8             | -25      | 105.7                     | 52.57 | 105.7 | 52.94 | 105.0 | 53.49 | 105.0 | 54.03 | 105.0 | 54.85 | 103.3 | 55.44 |
|        | -21.8             | -22      | 126.7                     | 53.31 | 126.7 | 53.68 | 125.8 | 54.22 | 125.8 | 54.75 | 125.8 | 55.57 | 123.9 | 56.14 |
|        | -19.8             | -20      | 132.6                     | 53.80 | 132.6 | 54.15 | 131.7 | 54.71 | 131.7 | 55.22 | 131.7 | 56.05 | 129.7 | 56.61 |
|        | -18.8             | -19      | 135.4                     | 54.04 | 135.4 | 54.39 | 134.5 | 54.94 | 134.5 | 55.46 | 134.5 | 56.29 | 132.6 | 56.86 |
|        | -16.7             | -17      | 141.4                     | 54.54 | 141.4 | 54.90 | 140.5 | 55.44 | 140.5 | 55.95 | 140.5 | 56.79 | 138.2 | 55.29 |
|        | -15               | -15.9    | 145.6                     | 54.89 | 145.6 | 55.25 | 144.7 | 55.79 | 144.7 | 56.31 | 144.7 | 55.62 | 142.4 | 54.18 |
|        | -13.7             | -15      | 149.8                     | 55.25 | 149.8 | 55.61 | 148.9 | 56.15 | 148.9 | 56.68 | 148.9 | 54.45 | 146.7 | 53.08 |
|        | -11.8             | -13      | 154.8                     | 55.70 | 154.8 | 56.06 | 153.6 | 56.62 | 153.6 | 55.03 | 153.6 | 52.99 | 151.8 | 51.66 |
|        | -9.8              | -11      | 159.7                     | 56.19 | 159.7 | 56.54 | 158.8 | 54.80 | 158.8 | 53.31 | 158.8 | 51.44 | 157.1 | 50.20 |
|        | -9.5              | -10      | 161.0                     | 56.25 | 161.0 | 56.25 | 159.8 | 54.53 | 159.8 | 53.06 | 159.8 | 51.21 | 158.0 | 49.97 |
|        | -8.5              | -9.1     | 164.1                     | 56.50 | 164.1 | 55.28 | 163.2 | 53.61 | 163.2 | 52.19 | 163.0 | 50.45 | 161.0 | 49.24 |
|        | -7                | -7.6     | 169.1                     | 55.06 | 169.1 | 53.85 | 168.1 | 52.29 | 168.1 | 50.91 | 167.5 | 49.29 | 164.7 | 48.01 |
|        | -5                | -5.6     | 175.8                     | 53.19 | 175.8 | 51.99 | 174.6 | 50.53 | 174.6 | 49.24 | 174.6 | 47.81 | 167.0 | 45.68 |
|        | -3                | -3.7     | 182.4                     | 51.34 | 182.4 | 50.16 | 181.3 | 48.79 | 181.3 | 47.59 | 179.7 | 45.94 | 167.0 | 43.05 |
|        | 0                 | -0.7     | 192.3                     | 48.56 | 192.3 | 47.38 | 189.9 | 45.90 | 185.5 | 43.79 | 179.7 | 41.76 | 167.0 | 40.87 |
|        | 3                 | 2.2      | 200.4                     | 45.31 | 199.8 | 44.05 | 192.0 | 41.84 | 185.5 | 40.34 | 179.7 | 39.65 | 167.0 | 38.87 |
|        | 5                 | 4.1      | 191.2                     | 38.91 | 188.4 | 37.42 | 180.3 | 35.84 | 173.7 | 35.03 | 167.7 | 34.48 | 155.0 | 33.61 |
|        | 7                 | 6        | 180.0                     | 33.02 | 176.6 | 31.76 | 168.1 | 30.83 | 161.5 | 30.09 | 155.5 | 29.64 | 142.5 | 28.74 |
|        | 9                 | 7.9      | 168.6                     | 28.61 | 164.5 | 27.47 | 155.6 | 26.53 | 148.9 | 25.81 | 142.9 | 25.33 | 129.8 | 24.37 |
|        | 11                | 9.8      | 156.7                     | 24.86 | 152.0 | 23.73 | 142.5 | 22.77 | 136.0 | 22.07 | 129.7 | 21.58 | 116.6 | 20.60 |
|        | 13                | 11.8     | 144.5                     | 21.32 | 139.0 | 20.24 | 129.2 | 19.28 | 122.5 | 18.61 | 116.2 | 18.12 | 102.9 | 17.12 |
|        | 15                | 13.7     | 131.7                     | 18.02 | 125.6 | 16.99 | 115.3 | 16.07 | 108.5 | 15.44 | 102.2 | 14.95 | 88.70 | 13.97 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 63.10                     | 51.67 | 63.10 | 52.22 | 62.70 | 52.78 | 62.70 | 53.60 | 62.70 | 54.21 | 61.70 | 54.43 |
|        | -24.8             | -25      | 105.1                     | 52.94 | 105.1 | 53.49 | 104.5 | 54.03 | 104.5 | 54.85 | 104.5 | 55.44 | 102.8 | 55.69 |
|        | -21.8             | -22      | 126.0                     | 53.68 | 126.0 | 54.22 | 125.1 | 54.75 | 125.1 | 55.57 | 125.1 | 56.14 | 123.3 | 56.43 |
|        | -19.8             | -20      | 131.9                     | 54.15 | 131.9 | 54.71 | 131.1 | 55.22 | 131.1 | 56.05 | 131.1 | 56.61 | 128.9 | 56.90 |
|        | -18.8             | -19      | 134.6                     | 54.39 | 134.6 | 54.94 | 133.8 | 55.46 | 133.8 | 56.29 | 133.8 | 56.86 | 131.7 | 56.08 |
|        | -16.7             | -17      | 140.6                     | 54.90 | 140.6 | 55.44 | 139.6 | 55.95 | 139.6 | 56.79 | 139.6 | 55.18 | 137.4 | 54.37 |
|        | -15               | -15.9    | 144.8                     | 55.25 | 144.8 | 55.79 | 143.8 | 56.31 | 143.8 | 55.52 | 143.8 | 53.99 | 142.7 | 53.15 |
|        | -13.7             | -15      | 149.0                     | 55.61 | 149.0 | 56.15 | 148.0 | 56.68 | 148.0 | 54.26 | 148.0 | 52.80 | 148.0 | 51.95 |
|        | -11.8             | -13      | 153.8                     | 56.06 | 153.8 | 56.62 | 152.8 | 54.89 | 152.8 | 52.66 | 152.8 | 51.30 | 150.3 | 49.58 |
|        | -9.8              | -11      | 158.9                     | 56.54 | 158.9 | 54.62 | 158.0 | 53.03 | 158.0 | 50.99 | 158.0 | 49.71 | 150.3 | 46.77 |
|        | -9.5              | -10      | 159.8                     | 56.21 | 159.8 | 54.30 | 159.0 | 52.75 | 159.0 | 50.74 | 159.0 | 49.48 | 150.3 | 46.04 |
|        | -8.5              | -9.1     | 163.3                     | 55.14 | 163.3 | 53.30 | 162.3 | 51.83 | 162.3 | 49.89 | 160.9 | 48.27 | 150.3 | 45.18 |
|        | -7                | -7.6     | 168.3                     | 53.51 | 168.3 | 51.79 | 167.3 | 50.42 | 166.6 | 48.44 | 160.9 | 45.72 | 150.3 | 44.05 |
|        | -5                | -5.6     | 174.8                     | 51.42 | 174.8 | 49.87 | 172.2 | 48.22 | 166.6 | 45.11 | 160.9 | 43.51 | 150.3 | 42.58 |
|        | -3                | -3.7     | 181.3                     | 49.33 | 180.8 | 47.80 | 172.2 | 44.76 | 166.6 | 42.96 | 160.9 | 42.07 | 150.3 | 41.14 |
|        | 0                 | -0.7     | 190.4                     | 46.00 | 183.5 | 43.33 | 172.2 | 41.75 | 166.6 | 40.68 | 160.9 | 39.94 | 150.3 | 38.95 |
|        | 3                 | 2.2      | 194.2                     | 41.67 | 183.5 | 39.87 | 172.2 | 39.20 | 166.6 | 38.42 | 160.9 | 37.79 | 150.3 | 36.76 |
|        | 5                 | 4.1      | 183.9                     | 35.42 | 173.0 | 34.65 | 161.7 | 34.00 | 156.1 | 33.36 | 150.2 | 32.78 | 139.5 | 31.64 |
|        | 7                 | 6        | 173.1                     | 30.50 | 162.2 | 29.79 | 150.8 | 29.20 | 145.0 | 28.69 | 139.2 | 28.16 | 128.3 | 26.96 |
|        | 9                 | 7.9      | 162.1                     | 26.45 | 151.0 | 25.71 | 139.5 | 25.07 | 133.8 | 24.56 | 127.9 | 24.03 | 116.8 | 22.82 |
|        | 11                | 9.8      | 150.7                     | 22.91 | 139.6 | 22.16 | 128.0 | 21.46 | 122.1 | 20.95 | 116.2 | 20.43 | 105.0 | 19.24 |
|        | 13                | 11.8     | 138.9                     | 19.59 | 127.7 | 18.85 | 115.9 | 18.13 | 110.0 | 17.63 | 104.1 | 17.12 | 92.50 | 15.99 |
|        | 15                | 13.7     | 126.7                     | 16.51 | 115.2 | 15.79 | 103.4 | 15.07 | 97.50 | 14.61 | 91.40 | 14.12 | 79.80 | 13.04 |
| 100    | -30               | -30.2    | 62.70                     | 57.58 | 62.70 | 57.57 | 62.40 | 51.29 | 62.40 | 57.46 | 62.40 | 56.41 | 61.40 | 57.42 |
|        | -24.8             | -25      | 104.6                     | 57.32 | 104.6 | 57.29 | 104.1 | 54.10 | 104.1 | 57.20 | 104.1 | 57.18 | 102.3 | 57.16 |
|        | -21.8             | -22      | 125.3                     | 57.18 | 125.3 | 57.13 | 124.6 | 55.70 | 124.6 | 57.06 | 124.6 | 57.62 | 122.7 | 57.02 |
|        | -19.8             | -20      | 131.3                     | 57.06 | 131.3 | 57.02 | 130.4 | 56.70 | 130.4 | 56.93 | 130.4 | 57.12 | 128.5 | 56.90 |
|        | -18.8             | -19      | 134.1                     | 57.00 | 133.3 | 56.99 | 133.3 | 56.94 | 133.3 | 56.88 | 133.3 | 56.86 | 131.2 | 55.92 |
|        | -16.7             | -17      | 139.1                     | 56.90 | 139.1 | 56.86 | 139.1 | 57.44 | 138.4 | 56.79 | 138.4 | 54.85 | 136.2 | 53.90 |
|        | -15               | -15.9    | 143.8                     | 56.81 | 143.8 | 56.78 | 143.3 | 57.05 | 143.0 | 55.32 | 143.0 | 53.41 | 137.3 | 51.19 |
|        | -13.7             | -15      | 148.3                     | 56.74 | 148.3 | 56.71 | 147.4 | 56.68 | 147.4 | 53.86 | 147.4 | 51.98 | 137.3 | 48.23 |
|        | -11.8             | -13      | 153.0                     | 56.65 | 152.2 | 56.62 | 152.2 | 54.71 | 152.2 | 52.02 | 147.5 | 48.61 | 137.3 | 46.49 |
|        | -9.8              | -11      | 158.1                     | 56.54 | 158.1 | 54.41 | 157.5 | 52.66 | 152.5 | 48.49 | 147.5 | 45.66 | 137.3 | 44.66 |
|        | -9.5              | -10      | 159.0                     | 56.19 | 159.0 | 54.07 | 157.5 | 52.05 | 152.5 | 47.95 | 147.5 | 45.39 | 137.3 | 44.39 |
|        | -8.5              | -9.1     | 162.5                     | 55.04 | 162.5 | 52.99 | 157.5 | 50.00 | 152.5 | 46.16 | 147.5 | 44.48 | 137.3 | 43.48 |
|        | -7                | -7.6     | 170.0                     | 53.29 | 167.5 | 50.73 | 157.5 | 47.06 | 152.5 | 44.80 | 147.5 | 43.15 | 137.3 | 42.12 |
|        | -5                | -5.6     | 177.2                     | 50.94 | 167.5 | 46.88 | 157.5 | 45.18 | 152.5 | 43.03 | 147.5 | 41.41 | 137.3 | 40.37 |
|        | -3                | -3.7     | 177.7                     | 47.49 | 167.5 | 44.54 | 157.5 | 43.31 | 152.5 | 41.25 | 147.5 | 39.69 | 137.3 | 38.61 |
|        | 0                 | -0.7     | 177.7                     | 43.01 | 167.5 | 41.51 | 157.5 | 40.47 | 152.5 | 38.61 | 147.5 | 37.07 | 137.3 | 35.98 |
|        | 3                 | 2.2      | 177.7                     | 39.83 | 167.5 | 38.50 | 157.5 | 37.65 | 152.5 | 35.96 | 147.5 | 34.49 | 137.3 | 33.33 |
|        | 5                 | 4.1      | 168.2                     | 34.52 | 158.0 | 33.28 | 147.8 | 32.47 | 142.8 | 30.95 | 137.8 | 29.59 | 127.3 | 28.35 |
|        | 7                 | 6        | 158.5                     | 29.62 | 148.0 | 28.46 | 137.9 | 27.70 | 132.8 | 26.38 | 127.7 | 25.12 | 117.3 | 23.86 |
|        | 9                 | 7.9      | 148.3                     | 25.45 | 137.9 | 24.36 | 127.5 | 23.60 | 122.5 | 22.39 | 117.2 | 21.25 | 106.7 | 20.05 |
|        | 11                | 9.8      | 138.0                     | 21.85 | 127.5 | 20.79 | 117.0 | 20.03 | 111.7 | 18.94 | 106.5 | 17.91 | 95.80 | 16.77 |
|        | 13                | 11.8     | 127.1                     | 18.50 | 116.5 | 17.50 | 106.0 | 16.75 | 100.8 | 15.79 | 95.40 | 14.89 | 84.50 | 13.80 |
|        | 15                | 13.7     | 115.9                     | 15.41 | 105.3 | 14.51 | 94.60 | 13.78 | 89.20 | 12.96 | 83.90 | 12.14 | 72.90 | 11.17 |
| 90     | -30               | -30.2    | 62.60                     | 50.52 | 62.60 | 51.33 | 62.20 | 51.92 | 62.20 | 52.19 | 62.20 | 52.77 | 61.20 | 59.28 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 104.3                     | 51.78 | 104.3 | 52.61 | 103.7 | 53.19 | 103.7 | 53.47 | 103.7 | 54.02 | 102.0 | 54.85 |
|        | -21.8             | -22      | 124.8                     | 52.50 | 124.8 | 53.34 | 124.1 | 53.93 | 124.1 | 54.19 | 124.1 | 54.76 | 122.2 | 52.31 |
|        | -19.8             | -20      | 130.8                     | 53.01 | 130.8 | 53.81 | 129.9 | 54.40 | 129.9 | 54.68 | 129.9 | 53.01 | 125.5 | 49.65 |
|        | -18.8             | -19      | 134.1                     | 53.25 | 133.3 | 54.07 | 132.8 | 54.64 | 132.8 | 53.78 | 132.8 | 52.14 | 125.5 | 47.83 |
|        | -16.7             | -17      | 139.1                     | 53.75 | 139.1 | 54.57 | 138.5 | 52.78 | 138.5 | 51.90 | 135.2 | 49.16 | 125.5 | 45.43 |
|        | -15               | -15.9    | 143.8                     | 54.10 | 143.8 | 53.19 | 142.7 | 51.46 | 139.7 | 49.51 | 135.2 | 47.12 | 125.5 | 44.24 |
|        | -13.7             | -15      | 148.3                     | 54.46 | 148.3 | 51.80 | 144.1 | 49.17 | 139.7 | 46.82 | 135.2 | 45.16 | 125.5 | 43.06 |
|        | -11.8             | -13      | 153.0                     | 52.58 | 152.2 | 50.07 | 144.1 | 46.05 | 139.7 | 44.99 | 135.2 | 43.62 | 125.5 | 41.55 |
|        | -9.8              | -11      | 158.1                     | 50.60 | 153.0 | 46.69 | 144.1 | 44.20 | 139.7 | 43.31 | 135.2 | 42.01 | 125.5 | 39.99 |
|        | -9.5              | -10      | 159.0                     | 50.29 | 153.0 | 46.14 | 144.1 | 43.95 | 139.7 | 43.06 | 135.2 | 41.77 | 125.5 | 39.76 |
|        | -8.5              | -9.1     | 162.3                     | 49.25 | 153.0 | 44.67 | 144.1 | 43.13 | 139.7 | 42.23 | 135.2 | 40.96 | 125.5 | 38.96 |
|        | -7                | -7.6     | 162.7                     | 45.74 | 153.0 | 43.23 | 144.1 | 41.89 | 139.7 | 40.99 | 135.2 | 39.74 | 125.5 | 37.79 |
|        | -5                | -5.6     | 162.7                     | 43.43 | 153.0 | 41.57 | 144.1 | 40.30 | 139.7 | 39.37 | 135.2 | 38.18 | 125.5 | 36.28 |
|        | -3                | -3.7     | 162.7                     | 41.63 | 153.0 | 39.91 | 144.1 | 38.71 | 139.7 | 37.75 | 135.2 | 36.61 | 125.5 | 34.74 |
|        | 0                 | -0.7     | 162.7                     | 38.91 | 153.0 | 37.40 | 144.1 | 36.32 | 139.7 | 35.34 | 135.2 | 34.29 | 125.5 | 32.47 |
|        | 3                 | 2.2      | 162.7                     | 36.20 | 153.0 | 34.91 | 144.1 | 33.93 | 139.7 | 32.92 | 135.2 | 31.93 | 125.5 | 30.21 |
|        | 5                 | 4.1      | 154.0                     | 31.53 | 144.3 | 30.37 | 135.3 | 29.40 | 130.8 | 28.41 | 126.3 | 27.48 | 116.4 | 25.82 |
|        | 7                 | 6        | 145.0                     | 27.19 | 135.2 | 26.17 | 126.1 | 25.25 | 121.7 | 24.27 | 116.9 | 23.43 | 107.2 | 21.84 |
|        | 9                 | 7.9      | 135.8                     | 23.35 | 126.0 | 22.36 | 116.7 | 21.47 | 112.2 | 20.57 | 107.5 | 19.79 | 97.50 | 18.34 |
|        | 11                | 9.8      | 126.3                     | 19.81 | 116.3 | 18.90 | 107.0 | 18.03 | 102.5 | 17.24 | 97.70 | 16.53 | 87.60 | 15.20 |
|        | 13                | 11.8     | 116.4                     | 16.62 | 106.4 | 15.77 | 97.00 | 14.97 | 92.20 | 14.26 | 87.50 | 13.63 | 77.20 | 12.42 |
|        | 15                | 13.7     | 106.1                     | 13.76 | 96.10 | 12.98 | 86.60 | 12.25 | 81.70 | 11.62 | 76.90 | 11.06 | 66.70 | 10.02 |
| 80     | -30               | -30.2    | 62.20                     | 44.35 | 62.20 | 45.19 | 61.90 | 45.80 | 61.90 | 45.09 | 61.90 | 52.64 | 60.90 | 50.31 |
|        | -24.8             | -25      | 103.8                     | 45.65 | 103.8 | 46.49 | 103.1 | 47.08 | 103.1 | 47.34 | 103.1 | 48.74 | 101.5 | 46.59 |
|        | -21.8             | -22      | 123.6                     | 46.40 | 123.6 | 47.23 | 123.6 | 47.82 | 123.4 | 48.57 | 120.5 | 45.37 | 112.2 | 42.05 |
|        | -19.8             | -20      | 129.3                     | 46.90 | 129.3 | 47.72 | 128.6 | 48.32 | 125.0 | 45.48 | 120.5 | 42.64 | 112.2 | 40.69 |
|        | -18.8             | -19      | 132.3                     | 47.15 | 132.3 | 48.54 | 128.9 | 46.58 | 125.0 | 43.99 | 120.5 | 41.88 | 112.2 | 40.04 |
|        | -16.7             | -17      | 136.3                     | 48.49 | 136.3 | 46.87 | 128.9 | 43.60 | 125.0 | 42.22 | 120.5 | 40.40 | 112.2 | 38.63 |
|        | -15               | -15.9    | 139.3                     | 47.24 | 137.3 | 45.44 | 128.9 | 42.46 | 125.0 | 41.10 | 120.5 | 39.36 | 112.2 | 37.61 |
|        | -13.7             | -15      | 142.4                     | 46.01 | 137.3 | 43.70 | 128.9 | 41.34 | 125.0 | 39.98 | 120.5 | 38.31 | 112.2 | 36.61 |
|        | -11.8             | -13      | 145.7                     | 44.18 | 137.3 | 41.51 | 128.9 | 39.90 | 125.0 | 38.59 | 120.5 | 36.99 | 112.2 | 35.35 |
|        | -9.8              | -11      | 145.7                     | 41.44 | 137.3 | 39.48 | 128.9 | 38.42 | 125.0 | 37.12 | 120.5 | 35.60 | 112.2 | 34.02 |
|        | -9.5              | -10      | 145.7                     | 40.95 | 137.3 | 39.05 | 128.9 | 38.19 | 125.0 | 36.91 | 120.5 | 35.39 | 112.2 | 33.82 |
|        | -8.5              | -9.1     | 145.7                     | 39.81 | 137.3 | 38.20 | 128.9 | 37.45 | 125.0 | 36.17 | 120.5 | 34.69 | 112.2 | 33.16 |
|        | -7                | -7.6     | 145.7                     | 38.31 | 137.3 | 37.08 | 128.9 | 36.32 | 125.0 | 35.05 | 120.5 | 33.67 | 112.2 | 32.16 |
|        | -5                | -5.6     | 145.7                     | 36.80 | 137.3 | 35.65 | 128.9 | 34.89 | 125.0 | 33.64 | 120.5 | 32.31 | 112.2 | 30.89 |
|        | -3                | -3.7     | 145.7                     | 35.30 | 137.3 | 34.20 | 128.9 | 33.44 | 125.0 | 32.22 | 120.5 | 30.98 | 112.2 | 29.59 |
|        | 0                 | -0.7     | 145.7                     | 33.05 | 137.3 | 32.05 | 128.9 | 31.27 | 125.0 | 30.09 | 120.5 | 28.97 | 112.2 | 27.68 |
|        | 3                 | 2.2      | 145.7                     | 30.81 | 137.3 | 29.88 | 128.9 | 29.10 | 125.0 | 27.95 | 120.5 | 26.97 | 112.2 | 25.77 |
|        | 5                 | 4.1      | 137.9                     | 26.90 | 129.5 | 26.02 | 121.0 | 25.21 | 117.0 | 24.12 | 112.5 | 23.26 | 104.2 | 22.09 |
|        | 7                 | 6        | 129.9                     | 23.30 | 121.4 | 22.45 | 112.9 | 21.63 | 108.8 | 20.62 | 104.3 | 19.85 | 95.80 | 18.75 |
|        | 9                 | 7.9      | 121.6                     | 19.84 | 113.1 | 19.04 | 104.4 | 18.26 | 100.3 | 17.36 | 95.80 | 16.67 | 87.20 | 15.66 |
|        | 11                | 9.8      | 113.1                     | 16.60 | 104.5 | 15.86 | 95.80 | 15.12 | 91.60 | 14.34 | 87.00 | 13.73 | 78.30 | 12.80 |
|        | 13                | 11.8     | 104.2                     | 13.84 | 95.60 | 13.17 | 86.70 | 12.49 | 82.50 | 11.81 | 78.00 | 11.28 | 69.20 | 10.42 |
|        | 15                | 13.7     | 95.00                     | 11.56 | 86.20 | 10.94 | 77.50 | 10.31 | 73.20 | 9.73  | 68.50 | 9.25  | 59.60 | 8.49  |
| 70     | -30               | -30.2    | 62.20                     | 44.55 | 62.20 | 44.84 | 61.90 | 45.41 | 61.90 | 51.70 | 61.90 | 49.15 | 60.20 | 46.82 |
|        | -24.8             | -25      | 103.8                     | 45.87 | 103.8 | 46.13 | 103.1 | 46.70 | 103.1 | 47.52 | 102.0 | 44.77 | 95.90 | 41.11 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 116.8                     | 46.61 | 116.5 | 46.75 | 109.7 | 44.87 | 106.0 | 42.70 | 102.8 | 40.64 | 95.90 | 38.66 |
|        | -19.8             | -20      | 123.3                     | 46.29 | 116.7 | 44.81 | 109.7 | 43.27 | 106.0 | 41.17 | 102.8 | 39.23 | 95.90 | 37.31 |
|        | -18.8             | -19      | 123.5                     | 45.32 | 116.7 | 43.99 | 109.7 | 42.48 | 106.0 | 40.42 | 102.8 | 38.52 | 95.90 | 36.63 |
|        | -16.7             | -17      | 123.5                     | 43.08 | 116.7 | 42.25 | 109.7 | 40.81 | 106.0 | 38.84 | 102.8 | 37.05 | 95.90 | 35.21 |
|        | -15               | -15.9    | 123.5                     | 41.85 | 116.7 | 41.03 | 109.7 | 39.61 | 106.0 | 37.70 | 102.8 | 35.99 | 95.90 | 34.20 |
|        | -13.7             | -15      | 123.5                     | 40.63 | 116.7 | 39.81 | 109.7 | 38.44 | 106.0 | 36.58 | 102.8 | 34.95 | 95.90 | 33.19 |
|        | -11.8             | -13      | 123.5                     | 39.08 | 116.7 | 38.24 | 109.7 | 36.94 | 106.0 | 35.16 | 102.8 | 33.62 | 95.90 | 31.91 |
|        | -9.8              | -11      | 123.5                     | 37.48 | 116.7 | 36.62 | 109.7 | 35.38 | 106.0 | 33.68 | 102.8 | 32.22 | 95.90 | 30.56 |
|        | -9.5              | -10      | 123.5                     | 37.22 | 116.7 | 36.37 | 109.7 | 35.14 | 106.0 | 33.46 | 102.8 | 32.02 | 95.90 | 30.36 |
|        | -8.5              | -9.1     | 123.5                     | 36.42 | 116.7 | 35.57 | 109.7 | 34.35 | 106.0 | 32.71 | 102.8 | 31.32 | 95.90 | 29.70 |
|        | -7                | -7.6     | 123.5                     | 35.22 | 116.7 | 34.35 | 109.7 | 33.17 | 106.0 | 31.60 | 102.8 | 30.29 | 95.90 | 28.69 |
|        | -5                | -5.6     | 123.5                     | 33.65 | 116.7 | 32.77 | 109.7 | 31.65 | 106.0 | 30.15 | 102.8 | 28.93 | 95.90 | 27.40 |
|        | -3                | -3.7     | 123.5                     | 32.09 | 116.7 | 31.19 | 109.7 | 30.13 | 106.0 | 28.70 | 102.8 | 27.58 | 95.90 | 26.10 |
|        | 0                 | -0.7     | 123.5                     | 29.74 | 116.7 | 28.82 | 109.7 | 27.85 | 106.0 | 26.55 | 102.8 | 25.55 | 95.90 | 24.15 |
|        | 3                 | 2.2      | 123.5                     | 27.39 | 116.7 | 26.45 | 109.7 | 25.55 | 106.0 | 24.37 | 102.8 | 23.54 | 95.90 | 22.19 |
|        | 5                 | 4.1      | 116.9                     | 23.75 | 110.0 | 22.80 | 103.0 | 21.96 | 99.30 | 20.92 | 96.00 | 20.18 | 88.90 | 18.91 |
|        | 7                 | 6        | 110.1                     | 20.42 | 103.2 | 19.47 | 96.00 | 18.68 | 92.30 | 17.75 | 89.00 | 17.14 | 81.90 | 15.95 |
|        | 9                 | 7.9      | 103.0                     | 16.78 | 96.10 | 15.94 | 88.90 | 15.21 | 85.10 | 14.43 | 81.70 | 13.90 | 74.50 | 12.86 |
|        | 11                | 9.8      | 95.80                     | 14.12 | 88.70 | 13.35 | 81.40 | 12.70 | 77.70 | 12.01 | 74.20 | 11.54 | 67.00 | 10.61 |
|        | 13                | 11.8     | 88.30                     | 11.87 | 81.20 | 11.18 | 73.80 | 10.58 | 70.00 | 9.98  | 66.50 | 9.57  | 59.20 | 8.73  |
|        | 15                | 13.7     | 80.50                     | 9.98  | 73.30 | 9.35  | 65.90 | 8.81  | 62.10 | 8.28  | 58.40 | 7.92  | 50.90 | 7.19  |
| 60     | -30               | -30.2    | 60.10                     | 44.00 | 60.10 | 44.56 | 59.70 | 51.18 | 57.70 | 48.41 | 55.70 | 45.83 | 52.10 | 43.55 |
|        | -24.8             | -25      | 100.0                     | 45.31 | 99.90 | 45.81 | 94.10 | 44.20 | 90.90 | 41.86 | 87.80 | 39.67 | 82.20 | 37.63 |
|        | -21.8             | -22      | 106.0                     | 45.55 | 100.3 | 44.11 | 94.10 | 41.78 | 90.90 | 39.60 | 87.80 | 37.57 | 82.20 | 35.58 |
|        | -19.8             | -20      | 106.0                     | 44.05 | 100.3 | 42.41 | 94.10 | 40.18 | 90.90 | 38.09 | 87.80 | 36.14 | 82.20 | 34.23 |
|        | -18.8             | -19      | 106.0                     | 43.19 | 100.3 | 41.55 | 94.10 | 39.38 | 90.90 | 37.35 | 87.80 | 35.44 | 82.20 | 33.54 |
|        | -16.7             | -17      | 106.0                     | 41.38 | 100.3 | 39.77 | 94.10 | 37.69 | 90.90 | 35.78 | 87.80 | 33.97 | 82.20 | 32.13 |
|        | -15               | -15.9    | 106.0                     | 40.10 | 100.3 | 38.50 | 94.10 | 36.50 | 90.90 | 34.67 | 87.80 | 32.91 | 82.20 | 31.11 |
|        | -13.7             | -15      | 106.0                     | 38.82 | 100.3 | 37.24 | 94.10 | 35.31 | 90.90 | 33.55 | 87.80 | 31.87 | 82.20 | 30.10 |
|        | -11.8             | -13      | 106.0                     | 37.20 | 100.3 | 35.64 | 94.10 | 33.79 | 90.90 | 32.13 | 87.80 | 30.55 | 82.20 | 28.84 |
|        | -9.8              | -11      | 106.0                     | 35.49 | 100.3 | 33.95 | 94.10 | 32.22 | 90.90 | 30.65 | 87.80 | 29.15 | 82.20 | 27.49 |
|        | -9.5              | -10      | 106.0                     | 35.23 | 100.3 | 33.71 | 94.10 | 31.99 | 90.90 | 30.42 | 87.80 | 28.94 | 82.20 | 27.28 |
|        | -8.5              | -9.1     | 106.0                     | 34.39 | 100.3 | 32.88 | 94.10 | 31.20 | 90.90 | 29.70 | 87.80 | 28.25 | 82.20 | 26.62 |
|        | -7                | -7.6     | 106.0                     | 33.13 | 100.3 | 31.63 | 94.10 | 30.01 | 90.90 | 28.59 | 87.80 | 27.20 | 82.20 | 25.62 |
|        | -5                | -5.6     | 106.0                     | 31.47 | 100.3 | 29.99 | 94.10 | 28.49 | 90.90 | 27.15 | 87.80 | 25.86 | 82.20 | 24.32 |
|        | -3                | -3.7     | 106.0                     | 29.83 | 100.3 | 28.36 | 94.10 | 26.95 | 90.90 | 25.70 | 87.80 | 24.50 | 82.20 | 23.02 |
|        | 0                 | -0.7     | 106.0                     | 27.34 | 100.3 | 25.90 | 94.10 | 24.64 | 90.90 | 23.55 | 87.80 | 22.48 | 82.20 | 21.06 |
|        | 3                 | 2.2      | 106.0                     | 24.88 | 100.3 | 23.47 | 94.10 | 22.33 | 90.90 | 21.39 | 87.80 | 20.45 | 82.20 | 19.11 |
|        | 5                 | 4.1      | 100.3                     | 21.42 | 94.50 | 20.08 | 88.30 | 19.06 | 85.10 | 18.25 | 82.00 | 17.44 | 76.30 | 16.18 |
|        | 7                 | 6        | 94.50                     | 18.25 | 88.70 | 16.99 | 82.40 | 16.08 | 79.20 | 15.39 | 76.00 | 14.70 | 70.20 | 13.54 |
|        | 9                 | 7.9      | 88.50                     | 14.88 | 82.50 | 13.79 | 76.30 | 13.00 | 73.00 | 12.44 | 69.80 | 11.84 | 63.90 | 10.85 |
|        | 11                | 9.8      | 82.20                     | 12.61 | 76.30 | 11.65 | 69.90 | 10.94 | 66.70 | 10.44 | 63.30 | 9.92  | 57.50 | 9.05  |
|        | 13                | 11.8     | 75.80                     | 10.66 | 69.80 | 9.81  | 63.30 | 9.20  | 60.00 | 8.74  | 56.70 | 8.29  | 50.60 | 7.53  |
|        | 15                | 13.7     | 69.20                     | 9.04  | 63.00 | 8.30  | 56.60 | 7.75  | 53.20 | 7.34  | 50.00 | 6.95  | 43.70 | 6.27  |
| 50     | -30               | -30.2    | 56.10                     | 38.55 | 52.90 | 44.63 | 49.60 | 42.22 | 48.20 | 39.94 | 46.50 | 37.75 | 43.40 | 35.85 |
|        | -24.8             | -25      | 88.40                     | 37.71 | 83.40 | 38.49 | 78.40 | 36.42 | 75.90 | 34.49 | 73.30 | 32.66 | 68.30 | 30.95 |
|        | -21.8             | -22      | 88.40                     | 38.42 | 83.40 | 36.36 | 78.40 | 34.41 | 75.90 | 32.59 | 73.30 | 30.90 | 68.30 | 29.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 88.40                     | 36.92 | 83.40 | 34.93 | 78.40 | 33.08 | 75.90 | 31.33 | 73.30 | 29.73 | 68.30 | 28.13 |
|        | -18.8             | -19      | 88.40                     | 36.18 | 83.40 | 34.20 | 78.40 | 32.44 | 75.90 | 30.71 | 73.30 | 29.15 | 68.30 | 27.60 |
|        | -16.7             | -17      | 88.40                     | 34.62 | 83.40 | 32.74 | 78.40 | 31.03 | 75.90 | 29.39 | 73.30 | 27.91 | 68.30 | 26.41 |
|        | -15               | -15.9    | 88.40                     | 33.51 | 83.40 | 31.65 | 78.40 | 30.04 | 75.90 | 28.45 | 73.30 | 27.04 | 68.30 | 25.56 |
|        | -13.7             | -15      | 88.40                     | 32.39 | 83.40 | 30.59 | 78.40 | 29.05 | 75.90 | 27.52 | 73.30 | 26.17 | 68.30 | 24.73 |
|        | -11.8             | -13      | 88.40                     | 30.99 | 83.40 | 29.27 | 78.40 | 27.79 | 75.90 | 26.34 | 73.30 | 25.07 | 68.30 | 23.69 |
|        | -9.8              | -11      | 88.40                     | 29.52 | 83.40 | 27.85 | 78.40 | 26.48 | 75.90 | 25.10 | 73.30 | 23.92 | 68.30 | 22.57 |
|        | -9.5              | -10      | 88.40                     | 29.30 | 83.40 | 27.65 | 78.40 | 26.28 | 75.90 | 24.92 | 73.30 | 23.75 | 68.30 | 22.41 |
|        | -8.5              | -9.1     | 88.40                     | 28.56 | 83.40 | 26.94 | 78.40 | 25.64 | 75.90 | 24.31 | 73.30 | 23.18 | 68.30 | 21.86 |
|        | -7                | -7.6     | 88.40                     | 27.45 | 83.40 | 25.90 | 78.40 | 24.66 | 75.90 | 23.36 | 73.30 | 22.31 | 68.30 | 21.03 |
|        | -5                | -5.6     | 88.40                     | 26.02 | 83.40 | 24.54 | 78.40 | 23.38 | 75.90 | 22.17 | 73.30 | 21.20 | 68.30 | 19.96 |
|        | -3                | -3.7     | 88.40                     | 24.60 | 83.40 | 23.17 | 78.40 | 22.09 | 75.90 | 20.96 | 73.30 | 20.07 | 68.30 | 18.87 |
|        | 0                 | -0.7     | 88.40                     | 22.45 | 83.40 | 21.10 | 78.40 | 20.19 | 75.90 | 19.16 | 73.30 | 18.39 | 68.30 | 17.27 |
|        | 3                 | 2.2      | 88.40                     | 20.29 | 83.40 | 19.06 | 78.40 | 18.27 | 75.90 | 17.34 | 73.30 | 16.71 | 68.30 | 15.65 |
|        | 5                 | 4.1      | 83.70                     | 17.45 | 78.70 | 16.32 | 73.60 | 15.64 | 71.10 | 14.81 | 68.50 | 14.29 | 63.30 | 13.31 |
|        | 7                 | 6        | 78.90                     | 14.85 | 73.70 | 13.82 | 68.70 | 13.25 | 66.10 | 12.53 | 63.40 | 12.09 | 58.30 | 11.19 |
|        | 9                 | 7.9      | 73.70                     | 12.32 | 68.70 | 11.42 | 63.40 | 10.91 | 60.90 | 10.31 | 58.30 | 9.93  | 53.00 | 9.14  |
|        | 11                | 9.8      | 68.70                     | 10.52 | 63.40 | 9.72  | 58.20 | 9.27  | 55.60 | 8.73  | 53.00 | 8.39  | 47.70 | 7.69  |
|        | 13                | 11.8     | 63.20                     | 8.97  | 58.00 | 8.28  | 52.80 | 7.86  | 50.10 | 7.40  | 47.50 | 7.10  | 42.10 | 6.48  |
|        | 15                | 13.7     | 57.60                     | 7.69  | 52.40 | 7.08  | 47.10 | 6.69  | 44.50 | 6.29  | 41.70 | 6.03  | 36.30 | 5.48  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM520LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 65.30                     | 54.78 | 65.30 | 55.14 | 64.80 | 55.48 | 64.80 | 55.96 | 64.80 | 56.47 | 63.80 | 57.18 |
|        | -24.8             | -25      | 108.7                     | 55.88 | 108.7 | 56.24 | 108.0 | 56.56 | 108.0 | 57.06 | 108.0 | 57.53 | 106.5 | 58.24 |
|        | -21.8             | -22      | 131.5                     | 56.51 | 131.5 | 56.87 | 130.7 | 57.21 | 130.7 | 57.68 | 130.7 | 58.14 | 128.6 | 58.87 |
|        | -19.8             | -20      | 138.4                     | 56.93 | 138.4 | 57.30 | 137.4 | 57.61 | 137.4 | 58.09 | 137.4 | 58.55 | 135.3 | 59.28 |
|        | -18.8             | -19      | 141.4                     | 57.12 | 141.4 | 57.50 | 140.5 | 57.81 | 140.5 | 58.29 | 140.5 | 58.75 | 138.2 | 59.48 |
|        | -16.7             | -17      | 147.8                     | 57.57 | 147.8 | 57.93 | 146.9 | 58.25 | 146.9 | 58.72 | 146.9 | 59.16 | 144.5 | 59.91 |
|        | -15               | -15.9    | 152.3                     | 57.86 | 152.3 | 58.22 | 151.5 | 58.54 | 151.5 | 59.01 | 151.5 | 59.47 | 149.1 | 58.68 |
|        | -13.7             | -15      | 157.0                     | 58.19 | 157.0 | 58.53 | 156.2 | 58.85 | 156.2 | 59.32 | 156.2 | 59.80 | 153.6 | 57.47 |
|        | -11.8             | -13      | 162.2                     | 58.56 | 162.2 | 58.92 | 161.0 | 59.25 | 161.0 | 59.73 | 161.0 | 58.15 | 159.2 | 55.92 |
|        | -9.8              | -11      | 167.5                     | 58.97 | 167.5 | 59.34 | 166.5 | 59.65 | 166.5 | 57.99 | 166.5 | 56.44 | 164.7 | 54.32 |
|        | -9.5              | -10      | 168.5                     | 59.04 | 168.5 | 59.38 | 167.5 | 59.37 | 167.5 | 57.72 | 167.3 | 56.19 | 165.5 | 54.08 |
|        | -8.5              | -9.1     | 172.0                     | 59.24 | 172.0 | 59.60 | 170.8 | 58.47 | 170.8 | 56.85 | 169.8 | 55.33 | 168.6 | 53.27 |
|        | -7                | -7.6     | 177.3                     | 59.54 | 177.3 | 58.28 | 176.0 | 57.15 | 176.0 | 55.53 | 176.0 | 54.05 | 173.6 | 52.06 |
|        | -5                | -5.6     | 184.0                     | 57.90 | 184.0 | 56.61 | 182.9 | 55.45 | 182.9 | 53.88 | 182.9 | 52.41 | 179.4 | 50.53 |
|        | -3                | -3.7     | 191.0                     | 56.25 | 191.0 | 54.91 | 189.8 | 53.72 | 189.8 | 52.19 | 189.8 | 50.76 | 184.3 | 48.73 |
|        | 0                 | -0.7     | 201.1                     | 53.81 | 201.1 | 52.42 | 200.1 | 51.14 | 199.9 | 49.64 | 198.2 | 47.85 | 184.9 | 44.49 |
|        | 3                 | 2.2      | 209.7                     | 50.91 | 209.7 | 49.46 | 208.5 | 48.20 | 205.9 | 46.24 | 198.6 | 43.65 | 184.9 | 41.98 |
|        | 5                 | 4.1      | 200.5                     | 44.18 | 199.7 | 42.64 | 198.1 | 41.43 | 192.9 | 39.38 | 185.4 | 37.73 | 171.6 | 36.33 |
|        | 7                 | 6        | 188.8                     | 37.93 | 187.2 | 36.41 | 184.8 | 35.09 | 179.4 | 33.67 | 171.8 | 32.48 | 157.9 | 31.10 |
|        | 9                 | 7.9      | 176.6                     | 33.06 | 174.3 | 31.57 | 171.1 | 30.19 | 165.3 | 29.05 | 157.8 | 27.94 | 143.8 | 26.55 |
| 120    | 11                | 9.8      | 164.3                     | 28.93 | 161.0 | 27.46 | 156.8 | 26.11 | 150.8 | 25.03 | 143.5 | 23.96 | 129.0 | 22.56 |
|        | 13                | 11.8     | 151.4                     | 24.96 | 147.2 | 23.58 | 142.0 | 22.22 | 136.0 | 21.23 | 128.4 | 20.23 | 113.9 | 18.84 |
|        | 15                | 13.7     | 138.1                     | 21.26 | 132.9 | 19.91 | 126.8 | 18.60 | 120.6 | 17.70 | 112.8 | 16.78 | 98.30 | 15.42 |
|        | -30               | -30.2    | 64.80                     | 55.14 | 64.80 | 55.48 | 64.30 | 55.96 | 64.30 | 56.47 | 64.30 | 57.18 | 63.30 | 57.74 |
|        | -24.8             | -25      | 108.0                     | 56.24 | 108.0 | 56.56 | 107.2 | 57.06 | 107.2 | 57.53 | 107.2 | 58.24 | 105.5 | 58.78 |
|        | -21.8             | -22      | 130.7                     | 56.87 | 130.7 | 57.21 | 129.7 | 57.68 | 129.7 | 58.14 | 129.7 | 58.87 | 127.8 | 59.37 |
|        | -19.8             | -20      | 137.4                     | 57.30 | 137.4 | 57.61 | 136.6 | 58.09 | 136.6 | 58.55 | 136.6 | 59.28 | 134.3 | 59.77 |
|        | -18.8             | -19      | 140.5                     | 57.50 | 140.5 | 57.81 | 139.5 | 58.29 | 139.5 | 58.75 | 139.5 | 59.48 | 137.4 | 59.99 |
|        | -16.7             | -17      | 146.9                     | 57.93 | 146.9 | 58.25 | 145.9 | 58.72 | 145.9 | 59.16 | 145.9 | 59.91 | 143.5 | 58.40 |
|        | -15               | -15.9    | 151.4                     | 58.22 | 151.4 | 58.54 | 150.4 | 59.01 | 150.4 | 59.47 | 150.4 | 58.73 | 148.0 | 57.28 |
|        | -13.7             | -15      | 155.7                     | 58.53 | 155.7 | 58.85 | 154.9 | 59.32 | 154.9 | 59.80 | 154.9 | 57.55 | 152.6 | 56.17 |
|        | -11.8             | -13      | 160.9                     | 58.92 | 160.9 | 59.25 | 159.8 | 59.73 | 159.8 | 58.14 | 159.8 | 56.09 | 158.0 | 54.74 |
|        | -9.8              | -11      | 166.1                     | 59.34 | 166.1 | 59.65 | 165.1 | 57.91 | 165.1 | 56.41 | 165.1 | 54.54 | 163.7 | 53.27 |
|        | -9.5              | -10      | 167.5                     | 59.38 | 167.5 | 59.36 | 166.2 | 57.65 | 166.2 | 56.16 | 166.2 | 54.30 | 164.6 | 53.04 |
|        | -8.5              | -9.1     | 170.6                     | 59.60 | 170.6 | 58.39 | 169.7 | 56.73 | 169.7 | 55.30 | 169.7 | 53.53 | 167.9 | 52.29 |
|        | -7                | -7.6     | 175.8                     | 58.18 | 175.8 | 56.96 | 174.8 | 55.40 | 174.8 | 54.00 | 174.6 | 52.37 | 171.7 | 51.06 |
|        | -5                | -5.6     | 182.9                     | 56.33 | 182.9 | 55.12 | 181.4 | 53.64 | 181.4 | 52.33 | 181.4 | 50.89 | 173.7 | 48.47 |
|        | -3                | -3.7     | 189.6                     | 54.50 | 189.6 | 53.30 | 188.5 | 51.91 | 188.5 | 50.67 | 186.9 | 49.03 | 173.7 | 45.74 |
|        | 0                 | -0.7     | 199.8                     | 51.76 | 199.8 | 50.54 | 197.3 | 49.02 | 192.9 | 46.84 | 186.9 | 44.69 | 173.7 | 43.74 |
|        | 3                 | 2.2      | 208.3                     | 48.55 | 207.8 | 47.24 | 199.7 | 44.88 | 192.9 | 43.27 | 186.9 | 42.56 | 173.7 | 41.73 |
| 110    | 5                 | 4.1      | 198.9                     | 41.98 | 195.9 | 40.37 | 187.5 | 38.65 | 180.7 | 37.79 | 174.4 | 37.21 | 161.2 | 36.28 |
|        | 7                 | 6        | 187.2                     | 35.82 | 183.6 | 34.44 | 174.8 | 33.44 | 167.9 | 32.65 | 161.7 | 32.16 | 148.2 | 31.19 |
|        | 9                 | 7.9      | 175.3                     | 31.22 | 171.1 | 29.98 | 161.8 | 28.96 | 154.9 | 28.17 | 148.7 | 27.64 | 135.0 | 26.61 |
|        | 11                | 9.8      | 163.0                     | 27.30 | 158.1 | 26.05 | 148.2 | 24.99 | 141.4 | 24.23 | 134.9 | 23.70 | 121.2 | 22.63 |
|        | 13                | 11.8     | 150.3                     | 23.55 | 144.6 | 22.36 | 134.4 | 21.30 | 127.4 | 20.55 | 120.9 | 20.02 | 107.1 | 18.90 |
|        | 15                | 13.7     | 137.0                     | 20.03 | 130.6 | 18.88 | 119.9 | 17.85 | 112.8 | 17.15 | 106.3 | 16.60 | 92.30 | 15.49 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 64.50                     | 55.48 | 64.50 | 55.96 | 64.10 | 56.47 | 64.10 | 57.18 | 64.10 | 57.74 | 63.00 | 57.91 |
|        | -24.8             | -25      | 107.4                     | 56.56 | 107.4 | 57.06 | 106.7 | 57.53 | 106.7 | 58.24 | 106.7 | 58.78 | 105.0 | 59.00 |
|        | -21.8             | -22      | 129.8                     | 57.21 | 129.8 | 57.68 | 129.0 | 58.14 | 129.0 | 58.87 | 129.0 | 59.37 | 127.1 | 59.63 |
|        | -19.8             | -20      | 136.6                     | 57.61 | 136.6 | 58.09 | 135.9 | 58.55 | 135.9 | 59.28 | 135.9 | 59.77 | 133.5 | 60.02 |
|        | -18.8             | -19      | 139.5                     | 57.81 | 139.5 | 58.29 | 138.7 | 58.75 | 138.7 | 59.48 | 138.7 | 59.99 | 136.6 | 59.19 |
|        | -16.7             | -17      | 146.1                     | 58.25 | 146.1 | 58.72 | 144.9 | 59.16 | 144.9 | 59.91 | 144.9 | 58.29 | 142.7 | 57.46 |
|        | -15               | -15.9    | 150.5                     | 58.54 | 150.5 | 59.01 | 149.4 | 59.47 | 149.4 | 58.63 | 149.4 | 57.08 | 148.3 | 56.21 |
|        | -13.7             | -15      | 155.0                     | 58.85 | 155.0 | 59.32 | 153.9 | 59.80 | 153.9 | 57.35 | 153.9 | 55.88 | 153.9 | 54.99 |
|        | -11.8             | -13      | 159.9                     | 59.25 | 159.9 | 59.73 | 159.0 | 57.99 | 159.0 | 55.74 | 159.0 | 54.35 | 156.3 | 52.52 |
|        | -9.8              | -11      | 165.3                     | 59.65 | 165.3 | 57.71 | 164.3 | 56.11 | 164.3 | 54.04 | 164.3 | 52.75 | 156.3 | 49.53 |
|        | -9.5              | -10      | 166.2                     | 59.31 | 166.2 | 57.39 | 165.4 | 55.82 | 165.4 | 53.80 | 165.4 | 52.51 | 156.3 | 48.88 |
|        | -8.5              | -9.1     | 169.8                     | 58.24 | 169.8 | 56.38 | 168.7 | 54.90 | 168.7 | 52.94 | 167.4 | 51.32 | 156.3 | 48.01 |
|        | -7                | -7.6     | 175.0                     | 56.60 | 175.0 | 54.86 | 174.0 | 53.47 | 173.2 | 51.44 | 167.4 | 48.62 | 156.3 | 46.87 |
|        | -5                | -5.6     | 181.7                     | 54.50 | 181.7 | 52.93 | 179.1 | 51.25 | 173.2 | 48.00 | 167.4 | 46.35 | 156.3 | 45.37 |
|        | -3                | -3.7     | 188.5                     | 52.41 | 188.0 | 50.85 | 179.1 | 47.71 | 173.2 | 45.82 | 167.4 | 44.90 | 156.3 | 43.91 |
|        | 0                 | -0.7     | 197.8                     | 49.06 | 190.8 | 46.28 | 179.1 | 44.61 | 173.2 | 43.50 | 167.4 | 42.73 | 156.3 | 41.67 |
|        | 3                 | 2.2      | 202.0                     | 44.70 | 190.8 | 42.73 | 179.1 | 42.04 | 173.2 | 41.23 | 167.4 | 40.57 | 156.3 | 39.46 |
|        | 5                 | 4.1      | 191.3                     | 38.16 | 179.9 | 37.35 | 168.2 | 36.68 | 162.3 | 35.98 | 156.2 | 35.38 | 145.1 | 34.15 |
|        | 7                 | 6        | 180.1                     | 33.06 | 168.7 | 32.31 | 156.8 | 31.67 | 150.8 | 31.11 | 144.8 | 30.54 | 133.4 | 29.24 |
|        | 9                 | 7.9      | 168.7                     | 28.84 | 157.0 | 28.04 | 145.1 | 27.34 | 139.1 | 26.78 | 133.1 | 26.21 | 121.5 | 24.89 |
|        | 11                | 9.8      | 156.8                     | 25.12 | 145.1 | 24.31 | 133.1 | 23.55 | 126.9 | 22.97 | 120.9 | 22.41 | 109.2 | 21.11 |
|        | 13                | 11.8     | 144.5                     | 21.61 | 132.8 | 20.79 | 120.6 | 20.00 | 114.4 | 19.44 | 108.4 | 18.88 | 96.20 | 17.63 |
|        | 15                | 13.7     | 131.8                     | 18.31 | 119.8 | 17.51 | 107.6 | 16.70 | 101.4 | 16.20 | 95.10 | 15.63 | 83.00 | 14.42 |
| 100    | -30               | -30.2    | 64.10                     | 63.20 | 64.10 | 62.96 | 63.80 | 54.75 | 63.80 | 62.24 | 63.80 | 60.61 | 62.70 | 61.82 |
|        | -24.8             | -25      | 106.9                     | 62.29 | 106.9 | 62.03 | 106.4 | 57.72 | 106.4 | 61.33 | 106.4 | 61.06 | 104.5 | 60.91 |
|        | -21.8             | -22      | 129.2                     | 61.78 | 129.2 | 61.48 | 128.5 | 59.42 | 128.5 | 60.82 | 128.5 | 61.31 | 126.5 | 60.40 |
|        | -19.8             | -20      | 136.1                     | 61.40 | 136.1 | 61.12 | 135.1 | 60.48 | 135.1 | 60.44 | 135.1 | 60.43 | 133.0 | 60.02 |
|        | -18.8             | -19      | 139.0                     | 61.21 | 138.2 | 60.97 | 138.2 | 60.69 | 138.2 | 60.26 | 138.2 | 59.99 | 136.1 | 59.03 |
|        | -16.7             | -17      | 144.4                     | 60.87 | 144.4 | 60.58 | 144.4 | 61.11 | 143.6 | 59.91 | 143.6 | 57.93 | 141.4 | 56.95 |
|        | -15               | -15.9    | 149.4                     | 60.58 | 149.4 | 60.31 | 148.9 | 60.44 | 148.6 | 58.42 | 148.6 | 56.45 | 142.8 | 54.19 |
|        | -13.7             | -15      | 154.2                     | 60.32 | 154.2 | 60.06 | 153.3 | 59.80 | 153.3 | 56.93 | 153.3 | 54.99 | 142.8 | 51.06 |
|        | -11.8             | -13      | 159.1                     | 60.00 | 158.3 | 59.73 | 158.3 | 57.80 | 158.3 | 55.05 | 153.4 | 51.49 | 142.8 | 49.26 |
|        | -9.8              | -11      | 164.5                     | 59.65 | 164.5 | 57.49 | 163.8 | 55.72 | 158.6 | 51.38 | 153.4 | 48.44 | 142.8 | 47.39 |
|        | -9.5              | -10      | 165.4                     | 59.29 | 165.4 | 57.14 | 163.8 | 55.09 | 158.6 | 50.83 | 153.4 | 48.16 | 142.8 | 47.12 |
|        | -8.5              | -9.1     | 169.0                     | 58.13 | 169.0 | 56.05 | 163.8 | 52.94 | 158.6 | 48.97 | 153.4 | 47.23 | 142.8 | 46.17 |
|        | -7                | -7.6     | 176.8                     | 56.37 | 174.2 | 53.76 | 163.8 | 49.91 | 158.6 | 47.57 | 153.4 | 45.86 | 142.8 | 44.78 |
|        | -5                | -5.6     | 184.2                     | 53.99 | 174.2 | 49.78 | 163.8 | 48.01 | 158.6 | 45.78 | 153.4 | 44.09 | 142.8 | 42.99 |
|        | -3                | -3.7     | 184.8                     | 50.47 | 174.2 | 47.38 | 163.8 | 46.12 | 158.6 | 43.97 | 153.4 | 42.32 | 142.8 | 41.18 |
|        | 0                 | -0.7     | 184.8                     | 45.87 | 174.2 | 44.31 | 163.8 | 43.23 | 158.6 | 41.28 | 153.4 | 39.65 | 142.8 | 38.48 |
|        | 3                 | 2.2      | 184.8                     | 42.65 | 174.2 | 41.27 | 163.8 | 40.37 | 158.6 | 38.57 | 153.4 | 37.01 | 142.8 | 35.77 |
|        | 5                 | 4.1      | 174.9                     | 37.19 | 164.3 | 35.86 | 153.7 | 35.00 | 148.5 | 33.38 | 143.3 | 31.92 | 132.4 | 30.58 |
|        | 7                 | 6        | 164.8                     | 32.09 | 153.9 | 30.85 | 143.5 | 30.03 | 138.1 | 28.60 | 132.8 | 27.24 | 122.0 | 25.87 |
|        | 9                 | 7.9      | 154.2                     | 27.86 | 143.5 | 26.68 | 132.6 | 25.84 | 127.4 | 24.52 | 121.9 | 23.27 | 111.0 | 21.95 |
|        | 11                | 9.8      | 143.5                     | 24.19 | 132.6 | 23.01 | 121.7 | 22.17 | 116.2 | 20.95 | 110.8 | 19.82 | 99.60 | 18.55 |
|        | 13                | 11.8     | 132.1                     | 20.71 | 121.2 | 19.60 | 110.2 | 18.75 | 104.8 | 17.67 | 99.30 | 16.65 | 87.90 | 15.43 |
|        | 15                | 13.7     | 120.6                     | 17.46 | 109.5 | 16.44 | 98.30 | 15.60 | 92.80 | 14.67 | 87.30 | 13.73 | 75.90 | 12.62 |
| 90     | -30               | -30.2    | 64.00                     | 54.59 | 64.00 | 55.28 | 63.50 | 55.80 | 63.50 | 56.03 | 63.50 | 56.57 | 62.50 | 63.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 106.6                     | 55.65 | 106.6 | 56.38 | 105.9 | 56.90 | 105.9 | 57.13 | 105.9 | 57.63 | 104.2 | 58.36 |
|        | -21.8             | -22      | 128.7                     | 56.26 | 128.7 | 57.01 | 128.0 | 57.53 | 128.0 | 57.75 | 128.0 | 58.26 | 126.0 | 55.69 |
|        | -19.8             | -20      | 135.6                     | 56.71 | 135.6 | 57.41 | 134.6 | 57.94 | 134.6 | 58.18 | 134.6 | 56.44 | 130.5 | 53.08 |
|        | -18.8             | -19      | 139.0                     | 56.91 | 138.2 | 57.64 | 137.7 | 58.13 | 137.7 | 57.23 | 137.7 | 55.52 | 130.5 | 51.10 |
|        | -16.7             | -17      | 144.4                     | 57.34 | 144.4 | 58.05 | 143.8 | 56.19 | 143.8 | 55.27 | 140.6 | 52.43 | 130.5 | 48.45 |
|        | -15               | -15.9    | 149.4                     | 57.63 | 149.4 | 56.62 | 148.3 | 54.82 | 145.3 | 52.79 | 140.6 | 50.27 | 130.5 | 47.21 |
|        | -13.7             | -15      | 154.2                     | 57.94 | 154.2 | 55.17 | 149.8 | 52.38 | 145.3 | 49.92 | 140.6 | 48.18 | 130.5 | 45.97 |
|        | -11.8             | -13      | 159.1                     | 55.99 | 158.3 | 53.37 | 149.8 | 49.08 | 145.3 | 48.01 | 140.6 | 46.56 | 130.5 | 44.38 |
|        | -9.8              | -11      | 164.5                     | 53.93 | 159.1 | 49.78 | 149.8 | 47.20 | 145.3 | 46.25 | 140.6 | 44.89 | 130.5 | 42.74 |
|        | -9.5              | -10      | 165.4                     | 53.60 | 159.1 | 49.20 | 149.8 | 46.93 | 145.3 | 45.98 | 140.6 | 44.64 | 130.5 | 42.50 |
|        | -8.5              | -9.1     | 168.8                     | 52.52 | 159.1 | 47.69 | 149.8 | 46.08 | 145.3 | 45.13 | 140.6 | 43.78 | 130.5 | 41.66 |
|        | -7                | -7.6     | 169.2                     | 48.82 | 159.1 | 46.20 | 149.8 | 44.78 | 145.3 | 43.83 | 140.6 | 42.50 | 130.5 | 40.43 |
|        | -5                | -5.6     | 169.2                     | 46.42 | 159.1 | 44.47 | 149.8 | 43.12 | 145.3 | 42.13 | 140.6 | 40.88 | 130.5 | 38.86 |
|        | -3                | -3.7     | 169.2                     | 44.55 | 159.1 | 42.73 | 149.8 | 41.46 | 145.3 | 40.44 | 140.6 | 39.23 | 130.5 | 37.24 |
|        | 0                 | -0.7     | 169.2                     | 41.73 | 159.1 | 40.11 | 149.8 | 38.98 | 145.3 | 37.92 | 140.6 | 36.80 | 130.5 | 34.87 |
|        | 3                 | 2.2      | 169.2                     | 38.90 | 159.1 | 37.54 | 149.8 | 36.48 | 145.3 | 35.40 | 140.6 | 34.33 | 130.5 | 32.48 |
|        | 5                 | 4.1      | 160.1                     | 34.02 | 150.0 | 32.78 | 140.7 | 31.74 | 136.0 | 30.67 | 131.3 | 29.67 | 121.1 | 27.87 |
|        | 7                 | 6        | 150.8                     | 29.47 | 140.6 | 28.37 | 131.1 | 27.36 | 126.6 | 26.30 | 121.6 | 25.40 | 111.5 | 23.68 |
|        | 9                 | 7.9      | 141.2                     | 25.40 | 131.0 | 24.32 | 121.4 | 23.35 | 116.7 | 22.36 | 111.8 | 21.52 | 101.4 | 19.94 |
|        | 11                | 9.8      | 131.3                     | 21.62 | 120.9 | 20.63 | 111.3 | 19.68 | 106.6 | 18.82 | 101.6 | 18.03 | 91.00 | 16.58 |
|        | 13                | 11.8     | 121.1                     | 18.21 | 110.7 | 17.28 | 100.9 | 16.39 | 95.90 | 15.61 | 91.00 | 14.92 | 80.30 | 13.58 |
|        | 15                | 13.7     | 110.4                     | 15.11 | 99.90 | 14.25 | 90.00 | 13.43 | 85.00 | 12.74 | 80.00 | 12.11 | 69.40 | 10.95 |
| 80     | -30               | -30.2    | 63.50                     | 48.00 | 63.50 | 48.75 | 63.30 | 49.31 | 63.30 | 48.65 | 63.30 | 55.95 | 62.20 | 53.52 |
|        | -24.8             | -25      | 106.1                     | 49.13 | 106.1 | 49.88 | 105.4 | 50.40 | 105.4 | 50.62 | 105.4 | 51.86 | 103.7 | 49.61 |
|        | -21.8             | -22      | 127.4                     | 49.78 | 127.4 | 50.51 | 127.4 | 51.03 | 127.4 | 51.76 | 125.3 | 48.72 | 116.7 | 44.82 |
|        | -19.8             | -20      | 134.0                     | 50.21 | 134.0 | 50.93 | 133.8 | 51.60 | 130.0 | 48.57 | 125.3 | 45.43 | 116.7 | 43.38 |
|        | -18.8             | -19      | 137.2                     | 50.43 | 137.2 | 51.65 | 134.1 | 49.70 | 130.0 | 46.84 | 125.3 | 44.65 | 116.7 | 42.70 |
|        | -16.7             | -17      | 141.8                     | 51.60 | 141.8 | 49.91 | 134.1 | 46.45 | 130.0 | 45.00 | 125.3 | 43.09 | 116.7 | 41.22 |
|        | -15               | -15.9    | 144.9                     | 50.29 | 142.8 | 48.41 | 134.1 | 45.26 | 130.0 | 43.82 | 125.3 | 41.99 | 116.7 | 40.15 |
|        | -13.7             | -15      | 148.1                     | 49.00 | 142.8 | 46.58 | 134.1 | 44.08 | 130.0 | 42.65 | 125.3 | 40.90 | 116.7 | 39.10 |
|        | -11.8             | -13      | 151.6                     | 47.22 | 142.8 | 44.37 | 134.1 | 42.58 | 130.0 | 41.21 | 125.3 | 39.51 | 116.7 | 37.78 |
|        | -9.8              | -11      | 151.6                     | 44.32 | 142.8 | 42.21 | 134.1 | 41.03 | 130.0 | 39.66 | 125.3 | 38.06 | 116.7 | 36.39 |
|        | -9.5              | -10      | 151.6                     | 43.78 | 142.8 | 41.76 | 134.1 | 40.79 | 130.0 | 39.44 | 125.3 | 37.84 | 116.7 | 36.17 |
|        | -8.5              | -9.1     | 151.6                     | 42.57 | 142.8 | 40.82 | 134.1 | 40.01 | 130.0 | 38.66 | 125.3 | 37.10 | 116.7 | 35.49 |
|        | -7                | -7.6     | 151.6                     | 40.94 | 142.8 | 39.63 | 134.1 | 38.84 | 130.0 | 37.49 | 125.3 | 36.03 | 116.7 | 34.42 |
|        | -5                | -5.6     | 151.6                     | 39.36 | 142.8 | 38.16 | 134.1 | 37.33 | 130.0 | 36.02 | 125.3 | 34.60 | 116.7 | 33.10 |
|        | -3                | -3.7     | 151.6                     | 37.80 | 142.8 | 36.64 | 134.1 | 35.83 | 130.0 | 34.52 | 125.3 | 33.20 | 116.7 | 31.73 |
|        | 0                 | -0.7     | 151.6                     | 35.46 | 142.8 | 34.39 | 134.1 | 33.55 | 130.0 | 32.30 | 125.3 | 31.10 | 116.7 | 29.72 |
|        | 3                 | 2.2      | 151.6                     | 33.12 | 142.8 | 32.12 | 134.1 | 31.28 | 130.0 | 30.05 | 125.3 | 29.01 | 116.7 | 27.72 |
|        | 5                 | 4.1      | 143.5                     | 29.03 | 134.7 | 28.08 | 125.8 | 27.20 | 121.7 | 26.04 | 117.0 | 25.11 | 108.4 | 23.84 |
|        | 7                 | 6        | 135.2                     | 25.23 | 126.2 | 24.31 | 117.5 | 23.42 | 113.1 | 22.33 | 108.4 | 21.49 | 99.60 | 20.31 |
|        | 9                 | 7.9      | 126.6                     | 21.53 | 117.6 | 20.66 | 108.6 | 19.80 | 104.3 | 18.84 | 99.60 | 18.08 | 90.70 | 16.98 |
|        | 11                | 9.8      | 117.6                     | 18.03 | 108.7 | 17.23 | 99.60 | 16.43 | 95.20 | 15.57 | 90.50 | 14.90 | 81.40 | 13.88 |
|        | 13                | 11.8     | 108.4                     | 15.05 | 99.40 | 14.31 | 90.20 | 13.57 | 85.80 | 12.82 | 81.10 | 12.24 | 72.00 | 11.29 |
|        | 15                | 13.7     | 98.80                     | 12.57 | 89.70 | 11.88 | 80.60 | 11.19 | 76.20 | 10.55 | 71.20 | 10.02 | 61.90 | 9.17  |
| 70     | -30               | -30.2    | 63.50                     | 47.97 | 63.50 | 48.26 | 63.30 | 48.75 | 63.30 | 54.96 | 63.30 | 52.29 | 62.10 | 49.83 |
|        | -24.8             | -25      | 106.1                     | 49.11 | 106.1 | 49.35 | 105.4 | 49.86 | 105.4 | 50.57 | 105.3 | 48.13 | 99.80 | 44.19 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 121.5                     | 49.76 | 121.2 | 49.86 | 114.1 | 47.77 | 110.2 | 45.48 | 106.9 | 43.31 | 99.80 | 41.24 |
|        | -19.8             | -20      | 128.4                     | 48.92 | 121.4 | 47.69 | 114.1 | 46.09 | 110.2 | 43.88 | 106.9 | 41.85 | 99.80 | 39.81 |
|        | -18.8             | -19      | 128.4                     | 47.74 | 121.4 | 46.85 | 114.1 | 45.26 | 110.2 | 43.08 | 106.9 | 41.08 | 99.80 | 39.09 |
|        | -16.7             | -17      | 128.4                     | 45.89 | 121.4 | 45.01 | 114.1 | 43.50 | 110.2 | 41.43 | 106.9 | 39.54 | 99.80 | 37.59 |
|        | -15               | -15.9    | 128.4                     | 44.60 | 121.4 | 43.73 | 114.1 | 42.24 | 110.2 | 40.23 | 106.9 | 38.42 | 99.80 | 36.52 |
|        | -13.7             | -15      | 128.4                     | 43.32 | 121.4 | 42.45 | 114.1 | 41.01 | 110.2 | 39.05 | 106.9 | 37.33 | 99.80 | 35.46 |
|        | -11.8             | -13      | 128.4                     | 41.69 | 121.4 | 40.81 | 114.1 | 39.44 | 110.2 | 37.56 | 106.9 | 35.92 | 99.80 | 34.11 |
|        | -9.8              | -11      | 128.4                     | 40.02 | 121.4 | 39.09 | 114.1 | 37.79 | 110.2 | 35.99 | 106.9 | 34.45 | 99.80 | 32.69 |
|        | -9.5              | -10      | 128.4                     | 39.75 | 121.4 | 38.84 | 114.1 | 37.53 | 110.2 | 35.76 | 106.9 | 34.24 | 99.80 | 32.48 |
|        | -8.5              | -9.1     | 128.4                     | 38.90 | 121.4 | 37.99 | 114.1 | 36.71 | 110.2 | 34.97 | 106.9 | 33.50 | 99.80 | 31.79 |
|        | -7                | -7.6     | 128.4                     | 37.64 | 121.4 | 36.73 | 114.1 | 35.48 | 110.2 | 33.80 | 106.9 | 32.41 | 99.80 | 30.71 |
|        | -5                | -5.6     | 128.4                     | 36.00 | 121.4 | 35.05 | 114.1 | 33.86 | 110.2 | 32.28 | 106.9 | 30.99 | 99.80 | 29.37 |
|        | -3                | -3.7     | 128.4                     | 34.37 | 121.4 | 33.41 | 114.1 | 32.28 | 110.2 | 30.76 | 106.9 | 29.56 | 99.80 | 27.99 |
|        | 0                 | -0.7     | 128.4                     | 31.91 | 121.4 | 30.92 | 114.1 | 29.88 | 110.2 | 28.50 | 106.9 | 27.43 | 99.80 | 25.94 |
|        | 3                 | 2.2      | 128.4                     | 29.44 | 121.4 | 28.43 | 114.1 | 27.47 | 110.2 | 26.21 | 106.9 | 25.32 | 99.80 | 23.87 |
|        | 5                 | 4.1      | 121.6                     | 25.63 | 114.4 | 24.58 | 107.1 | 23.70 | 103.2 | 22.57 | 99.90 | 21.77 | 92.50 | 20.41 |
|        | 7                 | 6        | 114.4                     | 22.10 | 107.4 | 21.08 | 99.80 | 20.21 | 95.90 | 19.21 | 92.60 | 18.56 | 85.20 | 17.26 |
|        | 9                 | 7.9      | 107.1                     | 18.20 | 99.90 | 17.28 | 92.50 | 16.47 | 88.40 | 15.64 | 85.00 | 15.05 | 77.50 | 13.93 |
|        | 11                | 9.8      | 99.60                     | 15.31 | 92.30 | 14.49 | 84.70 | 13.77 | 80.80 | 13.03 | 77.20 | 12.50 | 69.70 | 11.48 |
|        | 13                | 11.8     | 91.80                     | 12.88 | 84.50 | 12.12 | 76.70 | 11.45 | 72.80 | 10.81 | 69.20 | 10.35 | 61.60 | 9.43  |
|        | 15                | 13.7     | 83.70                     | 10.81 | 76.20 | 10.12 | 68.60 | 9.53  | 64.50 | 8.94  | 60.80 | 8.54  | 53.00 | 7.74  |
| 60     | -30               | -30.2    | 62.50                     | 47.43 | 62.50 | 47.91 | 62.10 | 54.51 | 60.00 | 51.60 | 57.90 | 48.88 | 54.20 | 46.47 |
|        | -24.8             | -25      | 104.0                     | 48.56 | 103.9 | 48.98 | 97.80 | 47.13 | 94.60 | 44.66 | 91.30 | 42.35 | 85.50 | 40.19 |
|        | -21.8             | -22      | 110.2                     | 48.64 | 104.3 | 47.03 | 97.80 | 44.58 | 94.60 | 42.27 | 91.30 | 40.12 | 85.50 | 38.02 |
|        | -19.8             | -20      | 110.2                     | 46.97 | 104.3 | 45.24 | 97.80 | 42.88 | 94.60 | 40.67 | 91.30 | 38.60 | 85.50 | 36.59 |
|        | -18.8             | -19      | 110.2                     | 46.06 | 104.3 | 44.34 | 97.80 | 42.05 | 94.60 | 39.90 | 91.30 | 37.87 | 85.50 | 35.85 |
|        | -16.7             | -17      | 110.2                     | 44.16 | 104.3 | 42.45 | 97.80 | 40.25 | 94.60 | 38.23 | 91.30 | 36.32 | 85.50 | 34.36 |
|        | -15               | -15.9    | 110.2                     | 42.81 | 104.3 | 41.11 | 97.80 | 38.99 | 94.60 | 37.05 | 91.30 | 35.19 | 85.50 | 33.28 |
|        | -13.7             | -15      | 110.2                     | 41.46 | 104.3 | 39.79 | 97.80 | 37.73 | 94.60 | 35.87 | 91.30 | 34.09 | 85.50 | 32.21 |
|        | -11.8             | -13      | 110.2                     | 39.76 | 104.3 | 38.09 | 97.80 | 36.12 | 94.60 | 34.37 | 91.30 | 32.68 | 85.50 | 30.86 |
|        | -9.8              | -11      | 110.2                     | 37.94 | 104.3 | 36.30 | 97.80 | 34.47 | 94.60 | 32.80 | 91.30 | 31.21 | 85.50 | 29.44 |
|        | -9.5              | -10      | 110.2                     | 37.67 | 104.3 | 36.04 | 97.80 | 34.23 | 94.60 | 32.56 | 91.30 | 30.98 | 85.50 | 29.22 |
|        | -8.5              | -9.1     | 110.2                     | 36.78 | 104.3 | 35.17 | 97.80 | 33.39 | 94.60 | 31.80 | 91.30 | 30.26 | 85.50 | 28.52 |
|        | -7                | -7.6     | 110.2                     | 35.46 | 104.3 | 33.85 | 97.80 | 32.13 | 94.60 | 30.62 | 91.30 | 29.15 | 85.50 | 27.45 |
|        | -5                | -5.6     | 110.2                     | 33.70 | 104.3 | 32.12 | 97.80 | 30.53 | 94.60 | 29.10 | 91.30 | 27.72 | 85.50 | 26.08 |
|        | -3                | -3.7     | 110.2                     | 31.98 | 104.3 | 30.41 | 97.80 | 28.90 | 94.60 | 27.57 | 91.30 | 26.28 | 85.50 | 24.70 |
|        | 0                 | -0.7     | 110.2                     | 29.35 | 104.3 | 27.80 | 97.80 | 26.46 | 94.60 | 25.29 | 91.30 | 24.15 | 85.50 | 22.63 |
|        | 3                 | 2.2      | 110.2                     | 26.75 | 104.3 | 25.23 | 97.80 | 24.01 | 94.60 | 23.01 | 91.30 | 22.00 | 85.50 | 20.56 |
|        | 5                 | 4.1      | 104.2                     | 23.10 | 98.30 | 21.66 | 91.80 | 20.56 | 88.60 | 19.69 | 85.30 | 18.81 | 79.30 | 17.45 |
|        | 7                 | 6        | 98.20                     | 19.75 | 92.30 | 18.37 | 85.60 | 17.39 | 82.40 | 16.65 | 79.10 | 15.89 | 73.00 | 14.64 |
|        | 9                 | 7.9      | 92.00                     | 16.11 | 85.80 | 14.93 | 79.30 | 14.07 | 75.90 | 13.45 | 72.60 | 12.81 | 66.50 | 11.73 |
|        | 11                | 9.8      | 85.50                     | 13.66 | 79.30 | 12.60 | 72.60 | 11.84 | 69.40 | 11.29 | 65.80 | 10.73 | 59.80 | 9.77  |
|        | 13                | 11.8     | 78.80                     | 11.53 | 72.60 | 10.61 | 65.80 | 9.94  | 62.40 | 9.45  | 59.00 | 8.94  | 52.70 | 8.10  |
|        | 15                | 13.7     | 72.00                     | 9.77  | 65.50 | 8.95  | 58.80 | 8.34  | 55.40 | 7.90  | 52.00 | 7.48  | 45.50 | 6.72  |
| 50     | -30               | -30.2    | 58.40                     | 41.45 | 55.00 | 47.44 | 51.60 | 44.90 | 50.10 | 42.51 | 48.30 | 40.22 | 45.10 | 38.21 |
|        | -24.8             | -25      | 92.00                     | 40.28 | 86.80 | 40.97 | 81.60 | 38.78 | 79.00 | 36.75 | 76.20 | 34.83 | 71.00 | 33.02 |
|        | -21.8             | -22      | 92.00                     | 40.89 | 86.80 | 38.72 | 81.60 | 36.67 | 79.00 | 34.75 | 76.20 | 32.97 | 71.00 | 31.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 92.00                     | 39.31 | 86.80 | 37.21 | 81.60 | 35.26 | 79.00 | 33.42 | 76.20 | 31.72 | 71.00 | 30.03 |
|        | -18.8             | -19      | 92.00                     | 38.54 | 86.80 | 36.45 | 81.60 | 34.59 | 79.00 | 32.76 | 76.20 | 31.11 | 71.00 | 29.47 |
|        | -16.7             | -17      | 92.00                     | 36.90 | 86.80 | 34.91 | 81.60 | 33.10 | 79.00 | 31.35 | 76.20 | 29.80 | 71.00 | 28.22 |
|        | -15               | -15.9    | 92.00                     | 35.73 | 86.80 | 33.76 | 81.60 | 32.06 | 79.00 | 30.36 | 76.20 | 28.88 | 71.00 | 27.32 |
|        | -13.7             | -15      | 92.00                     | 34.55 | 86.80 | 32.64 | 81.60 | 31.00 | 79.00 | 29.38 | 76.20 | 27.97 | 71.00 | 26.44 |
|        | -11.8             | -13      | 92.00                     | 33.06 | 86.80 | 31.25 | 81.60 | 29.70 | 79.00 | 28.15 | 76.20 | 26.80 | 71.00 | 25.33 |
|        | -9.8              | -11      | 92.00                     | 31.53 | 86.80 | 29.75 | 81.60 | 28.30 | 79.00 | 26.83 | 76.20 | 25.58 | 71.00 | 24.16 |
|        | -9.5              | -10      | 92.00                     | 31.29 | 86.80 | 29.54 | 81.60 | 28.09 | 79.00 | 26.64 | 76.20 | 25.42 | 71.00 | 23.98 |
|        | -8.5              | -9.1     | 92.00                     | 30.52 | 86.80 | 28.79 | 81.60 | 27.42 | 79.00 | 26.00 | 76.20 | 24.81 | 71.00 | 23.40 |
|        | -7                | -7.6     | 92.00                     | 29.33 | 86.80 | 27.70 | 81.60 | 26.38 | 79.00 | 25.01 | 76.20 | 23.88 | 71.00 | 22.52 |
|        | -5                | -5.6     | 92.00                     | 27.83 | 86.80 | 26.26 | 81.60 | 25.04 | 79.00 | 23.75 | 76.20 | 22.71 | 71.00 | 21.38 |
|        | -3                | -3.7     | 92.00                     | 26.35 | 86.80 | 24.82 | 81.60 | 23.68 | 79.00 | 22.46 | 76.20 | 21.51 | 71.00 | 20.24 |
|        | 0                 | -0.7     | 92.00                     | 24.08 | 86.80 | 22.63 | 81.60 | 21.66 | 79.00 | 20.57 | 76.20 | 19.75 | 71.00 | 18.54 |
|        | 3                 | 2.2      | 92.00                     | 21.81 | 86.80 | 20.49 | 81.60 | 19.65 | 79.00 | 18.65 | 76.20 | 17.97 | 71.00 | 16.83 |
|        | 5                 | 4.1      | 87.10                     | 18.82 | 81.90 | 17.59 | 76.60 | 16.86 | 74.00 | 15.96 | 71.20 | 15.41 | 65.80 | 14.34 |
|        | 7                 | 6        | 82.10                     | 16.06 | 76.70 | 14.93 | 71.50 | 14.30 | 68.80 | 13.53 | 66.00 | 13.06 | 60.60 | 12.09 |
|        | 9                 | 7.9      | 76.70                     | 13.32 | 71.50 | 12.35 | 66.00 | 11.78 | 63.40 | 11.13 | 60.60 | 10.72 | 55.10 | 9.86  |
|        | 11                | 9.8      | 71.50                     | 11.37 | 66.00 | 10.50 | 60.60 | 10.00 | 57.90 | 9.41  | 55.10 | 9.04  | 49.60 | 8.28  |
|        | 13                | 11.8     | 65.80                     | 9.68  | 60.30 | 8.92  | 54.90 | 8.46  | 52.20 | 7.95  | 49.40 | 7.62  | 43.70 | 6.95  |
|        | 15                | 13.7     | 60.00                     | 8.28  | 54.60 | 7.61  | 49.10 | 7.18  | 46.30 | 6.73  | 43.40 | 6.44  | 37.70 | 5.83  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM540LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 67.30                     | 56.51 | 67.30 | 56.78 | 66.80 | 57.05 | 66.80 | 57.41 | 66.80 | 57.81 | 65.40 | 58.33 |
|        | -24.8             | -25      | 112.0                     | 57.28 | 112.0 | 57.55 | 111.3 | 57.79 | 111.3 | 58.18 | 111.3 | 58.53 | 109.3 | 59.07 |
|        | -21.8             | -22      | 136.3                     | 57.71 | 136.3 | 57.98 | 135.4 | 58.25 | 135.4 | 58.61 | 135.4 | 58.94 | 132.8 | 59.52 |
|        | -19.8             | -20      | 143.8                     | 58.01 | 143.8 | 58.28 | 142.8 | 58.52 | 142.8 | 58.88 | 142.8 | 59.24 | 140.1 | 59.79 |
|        | -18.8             | -19      | 146.9                     | 58.12 | 146.9 | 58.41 | 146.1 | 58.66 | 146.1 | 59.02 | 146.1 | 59.37 | 143.1 | 59.93 |
|        | -16.7             | -17      | 153.6                     | 58.44 | 153.6 | 58.72 | 152.7 | 58.96 | 152.7 | 59.32 | 152.7 | 59.65 | 149.7 | 60.23 |
|        | -15               | -15.9    | 158.2                     | 58.64 | 158.2 | 58.91 | 157.4 | 59.15 | 157.4 | 59.51 | 157.4 | 59.86 | 154.4 | 59.05 |
|        | -13.7             | -15      | 163.1                     | 58.87 | 163.1 | 59.13 | 162.3 | 59.37 | 162.3 | 59.73 | 162.3 | 60.10 | 159.1 | 57.89 |
|        | -11.8             | -13      | 168.5                     | 59.12 | 168.5 | 59.39 | 167.3 | 59.65 | 167.3 | 60.01 | 167.3 | 58.53 | 164.8 | 56.42 |
|        | -9.8              | -11      | 174.0                     | 59.41 | 174.0 | 59.68 | 173.0 | 59.92 | 173.0 | 58.38 | 173.0 | 56.91 | 170.9 | 54.89 |
|        | -9.5              | -10      | 175.1                     | 59.45 | 175.1 | 59.70 | 174.0 | 59.66 | 174.0 | 58.13 | 174.0 | 56.67 | 171.8 | 54.67 |
|        | -8.5              | -9.1     | 178.5                     | 59.59 | 178.5 | 59.86 | 177.2 | 58.83 | 177.2 | 57.30 | 176.4 | 55.86 | 175.1 | 53.89 |
|        | -7                | -7.6     | 183.6                     | 59.80 | 183.6 | 58.66 | 182.3 | 57.58 | 182.3 | 56.06 | 182.3 | 54.65 | 179.7 | 52.74 |
|        | -5                | -5.6     | 190.2                     | 58.33 | 190.2 | 57.12 | 189.1 | 56.03 | 189.1 | 54.54 | 189.1 | 53.11 | 185.8 | 51.30 |
|        | -3                | -3.7     | 196.9                     | 56.86 | 196.9 | 55.58 | 195.7 | 54.44 | 195.7 | 52.97 | 195.7 | 51.57 | 191.4 | 49.71 |
|        | 0                 | -0.7     | 206.9                     | 54.69 | 206.9 | 53.33 | 205.8 | 52.07 | 205.8 | 50.65 | 205.8 | 49.27 | 192.0 | 45.54 |
|        | 3                 | 2.2      | 217.1                     | 52.50 | 217.1 | 51.04 | 215.7 | 49.74 | 213.8 | 47.89 | 206.3 | 44.93 | 192.0 | 43.14 |
|        | 5                 | 4.1      | 208.2                     | 45.79 | 207.3 | 44.20 | 205.7 | 42.96 | 200.3 | 40.62 | 192.6 | 38.83 | 178.2 | 37.40 |
|        | 7                 | 6        | 196.0                     | 39.15 | 194.4 | 37.59 | 191.9 | 36.25 | 186.2 | 34.71 | 178.5 | 33.50 | 163.9 | 32.07 |
|        | 9                 | 7.9      | 183.4                     | 34.19 | 180.9 | 32.66 | 177.6 | 31.24 | 171.7 | 30.06 | 163.9 | 28.90 | 149.3 | 27.47 |
| 120    | 11                | 9.8      | 170.6                     | 30.03 | 167.1 | 28.51 | 162.8 | 27.11 | 156.6 | 25.99 | 149.0 | 24.89 | 134.0 | 23.44 |
|        | 13                | 11.8     | 157.2                     | 26.04 | 152.8 | 24.59 | 147.4 | 23.18 | 141.2 | 22.16 | 133.4 | 21.12 | 118.3 | 19.69 |
|        | 15                | 13.7     | 143.4                     | 22.29 | 138.0 | 20.88 | 131.7 | 19.54 | 125.2 | 18.59 | 117.2 | 17.64 | 102.1 | 16.25 |
|        | -30               | -30.2    | 66.80                     | 56.78 | 66.80 | 57.05 | 66.30 | 57.41 | 66.30 | 57.81 | 66.30 | 58.33 | 64.90 | 58.76 |
|        | -24.8             | -25      | 111.2                     | 57.55 | 111.2 | 57.79 | 110.5 | 58.18 | 110.5 | 58.53 | 110.5 | 59.07 | 108.3 | 59.48 |
|        | -21.8             | -22      | 135.4                     | 57.98 | 135.4 | 58.25 | 134.4 | 58.61 | 134.4 | 58.94 | 134.4 | 59.52 | 132.0 | 59.89 |
|        | -19.8             | -20      | 142.7                     | 58.28 | 142.7 | 58.52 | 141.9 | 58.88 | 141.9 | 59.24 | 141.9 | 59.79 | 139.0 | 60.16 |
|        | -18.8             | -19      | 146.1                     | 58.41 | 146.1 | 58.66 | 144.9 | 59.02 | 144.9 | 59.37 | 144.9 | 59.93 | 142.2 | 60.32 |
|        | -16.7             | -17      | 152.7                     | 58.72 | 152.7 | 58.96 | 151.6 | 59.32 | 151.6 | 59.65 | 151.6 | 60.23 | 148.6 | 58.79 |
|        | -15               | -15.9    | 157.3                     | 58.91 | 157.3 | 59.15 | 156.3 | 59.51 | 156.3 | 59.86 | 156.3 | 59.10 | 153.3 | 57.71 |
|        | -13.7             | -15      | 161.8                     | 59.13 | 161.8 | 59.37 | 161.0 | 59.73 | 161.0 | 60.10 | 161.0 | 57.97 | 157.9 | 56.66 |
|        | -11.8             | -13      | 167.2                     | 59.39 | 167.2 | 59.65 | 166.2 | 60.01 | 166.2 | 58.52 | 166.2 | 56.59 | 163.7 | 55.30 |
|        | -9.8              | -11      | 172.6                     | 59.68 | 172.6 | 59.92 | 171.5 | 58.30 | 171.5 | 56.88 | 171.5 | 55.12 | 169.8 | 53.90 |
|        | -9.5              | -10      | 174.0                     | 59.70 | 174.0 | 59.66 | 172.6 | 58.05 | 172.6 | 56.64 | 172.6 | 54.89 | 170.7 | 53.68 |
|        | -8.5              | -9.1     | 177.0                     | 59.86 | 177.0 | 58.75 | 176.1 | 57.20 | 176.1 | 55.83 | 176.1 | 54.15 | 174.0 | 52.96 |
|        | -7                | -7.6     | 182.1                     | 58.55 | 182.1 | 57.40 | 180.9 | 55.93 | 180.9 | 54.60 | 180.9 | 53.06 | 178.2 | 51.89 |
|        | -5                | -5.6     | 189.0                     | 56.84 | 189.0 | 55.69 | 187.4 | 54.28 | 187.4 | 53.03 | 187.4 | 51.67 | 180.4 | 49.41 |
|        | -3                | -3.7     | 195.5                     | 55.16 | 195.5 | 54.01 | 194.4 | 52.68 | 194.4 | 51.49 | 194.1 | 50.22 | 180.4 | 46.71 |
|        | 0                 | -0.7     | 205.5                     | 52.65 | 205.5 | 51.45 | 204.2 | 50.26 | 200.4 | 48.25 | 194.1 | 45.79 | 180.4 | 44.82 |
|        | 3                 | 2.2      | 215.7                     | 50.11 | 215.7 | 48.88 | 207.3 | 46.28 | 200.4 | 44.44 | 194.1 | 43.75 | 180.4 | 42.90 |
|        | 5                 | 4.1      | 206.5                     | 43.49 | 203.3 | 41.73 | 194.6 | 39.76 | 187.7 | 38.87 | 181.2 | 38.29 | 167.4 | 37.35 |
|        | 7                 | 6        | 194.4                     | 36.96 | 190.6 | 35.53 | 181.4 | 34.50 | 174.5 | 33.67 | 167.9 | 33.17 | 154.0 | 32.17 |
|        | 9                 | 7.9      | 182.0                     | 32.30 | 177.6 | 31.01 | 167.9 | 29.96 | 161.0 | 29.14 | 154.4 | 28.60 | 140.2 | 27.54 |
|        | 11                | 9.8      | 169.2                     | 28.33 | 164.1 | 27.05 | 153.9 | 25.95 | 146.9 | 25.16 | 140.1 | 24.62 | 125.9 | 23.52 |
|        | 13                | 11.8     | 156.0                     | 24.55 | 150.1 | 23.32 | 139.5 | 22.23 | 132.3 | 21.45 | 125.5 | 20.90 | 111.2 | 19.77 |
|        | 15                | 13.7     | 142.2                     | 21.00 | 135.5 | 19.80 | 124.5 | 18.75 | 117.2 | 18.02 | 110.4 | 17.46 | 95.90 | 16.33 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 66.50                     | 57.05 | 66.50 | 57.41 | 66.00 | 57.81 | 66.00 | 58.33 | 66.00 | 58.76 | 64.60 | 58.89 |
|        | -24.8             | -25      | 110.7                     | 57.79 | 110.7 | 58.18 | 109.9 | 58.53 | 109.9 | 59.07 | 109.9 | 59.48 | 107.7 | 59.65 |
|        | -21.8             | -22      | 134.4                     | 58.25 | 134.4 | 58.61 | 133.6 | 58.94 | 133.6 | 59.52 | 133.6 | 59.89 | 131.2 | 60.08 |
|        | -19.8             | -20      | 142.0                     | 58.52 | 142.0 | 58.88 | 141.1 | 59.24 | 141.1 | 59.79 | 141.1 | 60.16 | 138.3 | 60.36 |
|        | -18.8             | -19      | 145.1                     | 58.66 | 145.1 | 59.02 | 144.1 | 59.37 | 144.1 | 59.93 | 144.1 | 60.32 | 141.5 | 59.56 |
|        | -16.7             | -17      | 151.8                     | 58.96 | 151.8 | 59.32 | 150.6 | 59.65 | 150.6 | 60.23 | 150.6 | 58.68 | 147.8 | 57.89 |
|        | -15               | -15.9    | 156.3                     | 59.15 | 156.3 | 59.51 | 155.3 | 59.86 | 155.3 | 58.99 | 155.3 | 57.52 | 153.9 | 56.68 |
|        | -13.7             | -15      | 161.0                     | 59.37 | 161.0 | 59.73 | 160.0 | 60.10 | 160.0 | 57.76 | 160.0 | 56.37 | 160.0 | 55.50 |
|        | -11.8             | -13      | 166.2                     | 59.65 | 166.2 | 60.01 | 165.3 | 58.37 | 165.3 | 56.23 | 165.3 | 54.90 | 162.3 | 53.00 |
|        | -9.8              | -11      | 171.8                     | 59.92 | 171.8 | 58.09 | 170.7 | 56.56 | 170.7 | 54.59 | 170.7 | 53.37 | 162.3 | 50.09 |
|        | -9.5              | -10      | 172.6                     | 59.61 | 172.6 | 57.79 | 171.8 | 56.30 | 171.8 | 54.38 | 171.8 | 53.12 | 162.3 | 49.52 |
|        | -8.5              | -9.1     | 176.1                     | 58.58 | 176.1 | 56.83 | 175.1 | 55.41 | 175.1 | 53.55 | 173.9 | 52.02 | 162.3 | 48.78 |
|        | -7                | -7.6     | 181.3                     | 57.02 | 181.3 | 55.38 | 180.1 | 54.05 | 179.8 | 52.24 | 173.9 | 49.46 | 162.3 | 47.67 |
|        | -5                | -5.6     | 187.7                     | 55.05 | 187.7 | 53.56 | 186.0 | 52.18 | 179.8 | 48.95 | 173.9 | 47.22 | 162.3 | 46.24 |
|        | -3                | -3.7     | 194.4                     | 53.08 | 194.4 | 51.73 | 186.0 | 48.76 | 179.8 | 46.74 | 173.9 | 45.83 | 162.3 | 44.83 |
|        | 0                 | -0.7     | 204.3                     | 50.13 | 198.2 | 47.50 | 186.0 | 45.62 | 179.8 | 44.53 | 173.9 | 43.76 | 162.3 | 42.68 |
|        | 3                 | 2.2      | 209.8                     | 46.17 | 198.2 | 43.86 | 186.0 | 43.17 | 179.8 | 42.37 | 173.9 | 41.71 | 162.3 | 40.57 |
|        | 5                 | 4.1      | 198.7                     | 39.25 | 186.9 | 38.41 | 174.6 | 37.75 | 168.4 | 37.04 | 162.3 | 36.42 | 150.7 | 35.16 |
|        | 7                 | 6        | 187.1                     | 34.11 | 175.2 | 33.33 | 162.8 | 32.67 | 156.6 | 32.09 | 150.4 | 31.52 | 138.5 | 30.18 |
|        | 9                 | 7.9      | 175.2                     | 29.83 | 163.1 | 29.02 | 150.7 | 28.28 | 144.4 | 27.71 | 138.3 | 27.13 | 126.1 | 25.77 |
|        | 11                | 9.8      | 162.8                     | 26.09 | 150.7 | 25.25 | 138.2 | 24.47 | 131.8 | 23.87 | 125.6 | 23.30 | 113.4 | 21.96 |
|        | 13                | 11.8     | 150.1                     | 22.55 | 137.9 | 21.69 | 125.2 | 20.89 | 118.8 | 20.31 | 112.6 | 19.74 | 99.90 | 18.45 |
|        | 15                | 13.7     | 136.9                     | 19.21 | 124.5 | 18.39 | 111.7 | 17.56 | 105.3 | 17.04 | 98.80 | 16.46 | 86.20 | 15.23 |
| 100    | -30               | -30.2    | 66.00                     | 64.50 | 66.00 | 64.18 | 65.70 | 55.41 | 65.70 | 63.24 | 65.70 | 61.56 | 64.40 | 62.68 |
|        | -24.8             | -25      | 110.2                     | 63.31 | 110.2 | 62.97 | 109.6 | 58.36 | 109.6 | 62.05 | 109.6 | 61.69 | 107.2 | 61.49 |
|        | -21.8             | -22      | 133.9                     | 62.65 | 133.9 | 62.27 | 133.1 | 60.05 | 133.1 | 61.39 | 133.1 | 61.76 | 130.7 | 60.83 |
|        | -19.8             | -20      | 141.4                     | 62.18 | 141.4 | 61.82 | 140.4 | 61.10 | 140.4 | 60.92 | 140.4 | 60.80 | 137.6 | 60.36 |
|        | -18.8             | -19      | 144.4                     | 61.94 | 143.6 | 61.60 | 143.6 | 61.24 | 143.6 | 60.68 | 143.6 | 60.32 | 140.9 | 59.39 |
|        | -16.7             | -17      | 150.0                     | 61.49 | 150.0 | 61.11 | 150.0 | 61.52 | 149.2 | 60.23 | 149.2 | 58.31 | 146.5 | 57.35 |
|        | -15               | -15.9    | 155.2                     | 61.12 | 155.2 | 60.76 | 154.7 | 60.80 | 154.4 | 58.78 | 154.4 | 56.87 | 148.3 | 54.75 |
|        | -13.7             | -15      | 160.2                     | 60.78 | 160.2 | 60.44 | 159.4 | 60.10 | 159.4 | 57.33 | 159.3 | 55.43 | 148.3 | 51.65 |
|        | -11.8             | -13      | 165.3                     | 60.37 | 164.5 | 60.01 | 164.5 | 58.18 | 164.5 | 55.50 | 159.3 | 51.94 | 148.3 | 49.90 |
|        | -9.8              | -11      | 171.0                     | 59.92 | 171.0 | 57.87 | 170.1 | 56.16 | 164.7 | 51.89 | 159.3 | 49.11 | 148.3 | 48.07 |
|        | -9.5              | -10      | 171.8                     | 59.57 | 171.8 | 57.53 | 170.1 | 55.53 | 164.7 | 51.33 | 159.3 | 48.84 | 148.3 | 47.80 |
|        | -8.5              | -9.1     | 175.3                     | 58.48 | 175.3 | 56.47 | 170.1 | 53.49 | 164.7 | 49.66 | 159.3 | 47.94 | 148.3 | 46.87 |
|        | -7                | -7.6     | 183.2                     | 56.79 | 180.9 | 54.42 | 170.1 | 50.59 | 164.7 | 48.29 | 159.3 | 46.59 | 148.3 | 45.51 |
|        | -5                | -5.6     | 191.2                     | 54.66 | 180.9 | 50.48 | 170.1 | 48.77 | 164.7 | 46.57 | 159.3 | 44.89 | 148.3 | 43.77 |
|        | -3                | -3.7     | 191.9                     | 51.26 | 180.9 | 48.18 | 170.1 | 46.95 | 164.7 | 44.84 | 159.3 | 43.17 | 148.3 | 42.02 |
|        | 0                 | -0.7     | 191.9                     | 46.79 | 180.9 | 45.25 | 170.1 | 44.19 | 164.7 | 42.23 | 159.3 | 40.58 | 148.3 | 39.38 |
|        | 3                 | 2.2      | 191.9                     | 43.73 | 180.9 | 42.35 | 170.1 | 41.45 | 164.7 | 39.62 | 159.3 | 38.02 | 148.3 | 36.76 |
|        | 5                 | 4.1      | 181.6                     | 38.23 | 170.6 | 36.88 | 159.6 | 36.01 | 154.2 | 34.36 | 148.8 | 32.85 | 137.5 | 31.49 |
|        | 7                 | 6        | 171.1                     | 33.11 | 159.9 | 31.84 | 149.0 | 31.00 | 143.4 | 29.52 | 137.9 | 28.11 | 126.7 | 26.70 |
|        | 9                 | 7.9      | 160.1                     | 28.86 | 149.0 | 27.64 | 137.7 | 26.78 | 132.3 | 25.41 | 126.6 | 24.12 | 115.3 | 22.77 |
|        | 11                | 9.8      | 149.0                     | 25.18 | 137.7 | 23.95 | 126.4 | 23.09 | 120.7 | 21.84 | 115.0 | 20.65 | 103.5 | 19.35 |
|        | 13                | 11.8     | 137.1                     | 21.68 | 125.8 | 20.53 | 114.5 | 19.66 | 108.8 | 18.54 | 103.1 | 17.47 | 91.30 | 16.23 |
|        | 15                | 13.7     | 125.2                     | 18.42 | 113.7 | 17.36 | 102.1 | 16.49 | 96.40 | 15.53 | 90.70 | 14.54 | 78.80 | 13.41 |
| 90     | -30               | -30.2    | 66.00                     | 56.02 | 66.00 | 56.53 | 65.40 | 56.93 | 65.40 | 57.10 | 65.40 | 57.53 | 64.10 | 63.38 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 109.9                     | 56.74 | 109.9 | 57.30 | 109.1 | 57.70 | 109.1 | 57.87 | 109.1 | 58.25 | 106.9 | 58.81 |
|        | -21.8             | -22      | 133.4                     | 57.16 | 133.4 | 57.73 | 132.6 | 58.13 | 132.6 | 58.30 | 132.6 | 58.68 | 130.0 | 56.17 |
|        | -19.8             | -20      | 140.9                     | 57.47 | 140.9 | 58.01 | 139.9 | 58.42 | 139.9 | 58.59 | 139.9 | 56.89 | 135.5 | 53.73 |
|        | -18.8             | -19      | 144.4                     | 57.61 | 143.6 | 58.16 | 143.1 | 58.54 | 143.1 | 57.66 | 143.1 | 56.00 | 135.5 | 51.75 |
|        | -16.7             | -17      | 150.0                     | 57.91 | 150.0 | 58.45 | 149.4 | 56.65 | 149.4 | 55.75 | 146.0 | 52.90 | 135.5 | 49.11 |
|        | -15               | -15.9    | 155.2                     | 58.10 | 155.2 | 57.06 | 154.1 | 55.31 | 150.9 | 53.25 | 146.0 | 50.85 | 135.5 | 47.88 |
|        | -13.7             | -15      | 160.2                     | 58.32 | 160.2 | 55.65 | 155.6 | 52.86 | 150.9 | 50.40 | 146.0 | 48.86 | 135.5 | 46.66 |
|        | -11.8             | -13      | 165.3                     | 56.43 | 164.5 | 53.90 | 155.6 | 49.63 | 150.9 | 48.69 | 146.0 | 47.26 | 135.5 | 45.10 |
|        | -9.8              | -11      | 171.0                     | 54.43 | 165.3 | 50.30 | 155.6 | 47.92 | 150.9 | 46.97 | 146.0 | 45.62 | 135.5 | 43.47 |
|        | -9.5              | -10      | 171.8                     | 54.12 | 165.3 | 49.78 | 155.6 | 47.65 | 150.9 | 46.70 | 146.0 | 45.38 | 135.5 | 43.23 |
|        | -8.5              | -9.1     | 175.3                     | 53.14 | 165.3 | 48.34 | 155.6 | 46.83 | 150.9 | 45.87 | 146.0 | 44.52 | 135.5 | 42.42 |
|        | -7                | -7.6     | 175.8                     | 49.55 | 165.3 | 46.96 | 155.6 | 45.55 | 150.9 | 44.59 | 146.0 | 43.28 | 135.5 | 41.19 |
|        | -5                | -5.6     | 175.8                     | 47.19 | 165.3 | 45.29 | 155.6 | 43.94 | 150.9 | 42.93 | 146.0 | 41.69 | 135.5 | 39.65 |
|        | -3                | -3.7     | 175.8                     | 45.40 | 165.3 | 43.60 | 155.6 | 42.33 | 150.9 | 41.30 | 146.0 | 40.09 | 135.5 | 38.07 |
|        | 0                 | -0.7     | 175.8                     | 42.68 | 165.3 | 41.08 | 155.6 | 39.93 | 150.9 | 38.84 | 146.0 | 37.71 | 135.5 | 35.75 |
|        | 3                 | 2.2      | 175.8                     | 39.96 | 165.3 | 38.58 | 155.6 | 37.50 | 150.9 | 36.39 | 146.0 | 35.30 | 135.5 | 33.40 |
|        | 5                 | 4.1      | 166.4                     | 35.02 | 155.9 | 33.75 | 146.1 | 32.70 | 141.2 | 31.59 | 136.3 | 30.56 | 125.8 | 28.71 |
|        | 7                 | 6        | 156.7                     | 30.42 | 146.1 | 29.28 | 136.2 | 28.24 | 131.4 | 27.15 | 126.3 | 26.22 | 115.8 | 24.46 |
|        | 9                 | 7.9      | 146.7                     | 26.28 | 136.1 | 25.17 | 126.1 | 24.18 | 121.2 | 23.17 | 116.1 | 22.30 | 105.3 | 20.67 |
|        | 11                | 9.8      | 136.4                     | 22.45 | 125.6 | 21.43 | 115.6 | 20.46 | 110.7 | 19.58 | 105.5 | 18.77 | 94.50 | 17.27 |
|        | 13                | 11.8     | 125.8                     | 19.01 | 115.0 | 18.04 | 104.8 | 17.13 | 99.60 | 16.32 | 94.40 | 15.62 | 83.40 | 14.24 |
|        | 15                | 13.7     | 114.7                     | 15.87 | 103.7 | 14.99 | 93.50 | 14.14 | 88.30 | 13.44 | 83.10 | 12.79 | 72.00 | 11.60 |
| 80     | -30               | -30.2    | 65.50                     | 49.37 | 65.50 | 49.95 | 65.20 | 50.38 | 65.20 | 49.87 | 65.20 | 56.28 | 63.90 | 53.92 |
|        | -24.8             | -25      | 109.4                     | 50.17 | 109.4 | 50.74 | 108.6 | 51.14 | 108.6 | 51.31 | 108.6 | 52.25 | 106.4 | 50.06 |
|        | -21.8             | -22      | 132.0                     | 50.63 | 132.0 | 51.18 | 132.0 | 51.58 | 132.0 | 52.13 | 130.1 | 49.24 | 121.2 | 45.40 |
|        | -19.8             | -20      | 139.3                     | 50.92 | 139.3 | 51.48 | 139.1 | 51.97 | 135.0 | 48.93 | 130.1 | 45.92 | 121.2 | 43.96 |
|        | -18.8             | -19      | 142.5                     | 51.08 | 142.5 | 52.01 | 139.3 | 50.08 | 135.0 | 47.22 | 130.1 | 45.22 | 121.2 | 43.29 |
|        | -16.7             | -17      | 146.9                     | 51.94 | 146.9 | 50.32 | 139.3 | 46.99 | 135.0 | 45.55 | 130.1 | 43.68 | 121.2 | 41.82 |
|        | -15               | -15.9    | 150.1                     | 50.67 | 148.2 | 48.94 | 139.3 | 45.82 | 135.0 | 44.39 | 130.1 | 42.59 | 121.2 | 40.77 |
|        | -13.7             | -15      | 153.4                     | 49.42 | 148.2 | 47.14 | 139.3 | 44.65 | 135.0 | 43.25 | 130.1 | 41.52 | 121.2 | 39.73 |
|        | -11.8             | -13      | 157.4                     | 47.82 | 148.2 | 44.98 | 139.3 | 43.19 | 135.0 | 41.83 | 130.1 | 40.14 | 121.2 | 38.42 |
|        | -9.8              | -11      | 157.4                     | 44.96 | 148.2 | 42.84 | 139.3 | 41.67 | 135.0 | 40.29 | 130.1 | 38.71 | 121.2 | 37.04 |
|        | -9.5              | -10      | 157.4                     | 44.40 | 148.2 | 42.37 | 139.3 | 41.43 | 135.0 | 40.07 | 130.1 | 38.49 | 121.2 | 36.83 |
|        | -8.5              | -9.1     | 157.4                     | 43.22 | 148.2 | 41.48 | 139.3 | 40.66 | 135.0 | 39.31 | 130.1 | 37.78 | 121.2 | 36.16 |
|        | -7                | -7.6     | 157.4                     | 41.60 | 148.2 | 40.31 | 139.3 | 39.51 | 135.0 | 38.17 | 130.1 | 36.72 | 121.2 | 35.10 |
|        | -5                | -5.6     | 157.4                     | 40.08 | 148.2 | 38.88 | 139.3 | 38.04 | 135.0 | 36.74 | 130.1 | 35.32 | 121.2 | 33.80 |
|        | -3                | -3.7     | 157.4                     | 38.57 | 148.2 | 37.41 | 139.3 | 36.59 | 135.0 | 35.26 | 130.1 | 33.95 | 121.2 | 32.46 |
|        | 0                 | -0.7     | 157.4                     | 36.30 | 148.2 | 35.21 | 139.3 | 34.37 | 135.0 | 33.10 | 130.1 | 31.88 | 121.2 | 30.48 |
|        | 3                 | 2.2      | 157.4                     | 34.03 | 148.2 | 33.03 | 139.3 | 32.16 | 135.0 | 30.91 | 130.1 | 29.84 | 121.2 | 28.52 |
|        | 5                 | 4.1      | 149.0                     | 29.89 | 139.8 | 28.92 | 130.7 | 28.01 | 126.4 | 26.84 | 121.5 | 25.88 | 112.5 | 24.57 |
|        | 7                 | 6        | 140.4                     | 26.05 | 130.9 | 25.10 | 122.0 | 24.18 | 117.5 | 23.07 | 112.6 | 22.20 | 103.4 | 20.99 |
|        | 9                 | 7.9      | 131.5                     | 22.22 | 122.0 | 21.34 | 112.8 | 20.45 | 108.3 | 19.47 | 103.4 | 18.68 | 94.20 | 17.56 |
|        | 11                | 9.8      | 122.1                     | 18.61 | 112.8 | 17.80 | 103.4 | 16.99 | 98.90 | 16.10 | 93.90 | 15.42 | 84.50 | 14.38 |
|        | 13                | 11.8     | 112.6                     | 15.56 | 103.1 | 14.81 | 93.70 | 14.05 | 89.10 | 13.30 | 84.20 | 12.70 | 74.70 | 11.74 |
|        | 15                | 13.7     | 102.6                     | 13.02 | 93.10 | 12.33 | 83.70 | 11.64 | 79.10 | 10.98 | 74.00 | 10.44 | 64.30 | 9.60  |
| 70     | -30               | -30.2    | 65.50                     | 49.21 | 65.50 | 49.44 | 65.20 | 49.81 | 65.20 | 55.49 | 65.20 | 52.85 | 63.90 | 50.43 |
|        | -24.8             | -25      | 109.4                     | 50.00 | 109.4 | 50.20 | 108.6 | 50.58 | 108.6 | 51.12 | 108.6 | 48.73 | 103.7 | 45.26 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 125.8                     | 50.46 | 125.8 | 50.64 | 118.5 | 48.41 | 114.5 | 46.13 | 111.0 | 43.99 | 103.7 | 41.92 |
|        | -19.8             | -20      | 133.4                     | 49.49 | 126.1 | 48.32 | 118.5 | 46.73 | 114.5 | 44.54 | 111.0 | 42.52 | 103.7 | 40.49 |
|        | -18.8             | -19      | 133.4                     | 48.29 | 126.1 | 47.49 | 118.5 | 45.91 | 114.5 | 43.74 | 111.0 | 41.76 | 103.7 | 39.76 |
|        | -16.7             | -17      | 133.4                     | 46.53 | 126.1 | 45.66 | 118.5 | 44.16 | 114.5 | 42.09 | 111.0 | 40.21 | 103.7 | 38.25 |
|        | -15               | -15.9    | 133.4                     | 45.25 | 126.1 | 44.38 | 118.5 | 42.91 | 114.5 | 40.89 | 111.0 | 39.10 | 103.7 | 37.19 |
|        | -13.7             | -15      | 133.4                     | 43.98 | 126.1 | 43.11 | 118.5 | 41.68 | 114.5 | 39.72 | 111.0 | 38.01 | 103.7 | 36.12 |
|        | -11.8             | -13      | 133.4                     | 42.37 | 126.1 | 41.48 | 118.5 | 40.11 | 114.5 | 38.24 | 111.0 | 36.60 | 103.7 | 34.77 |
|        | -9.8              | -11      | 133.4                     | 40.71 | 126.1 | 39.77 | 118.5 | 38.46 | 114.5 | 36.67 | 111.0 | 35.14 | 103.7 | 33.36 |
|        | -9.5              | -10      | 133.4                     | 40.45 | 126.1 | 39.53 | 118.5 | 38.20 | 114.5 | 36.43 | 111.0 | 34.92 | 103.7 | 33.15 |
|        | -8.5              | -9.1     | 133.4                     | 39.60 | 126.1 | 38.68 | 118.5 | 37.40 | 114.5 | 35.66 | 111.0 | 34.18 | 103.7 | 32.45 |
|        | -7                | -7.6     | 133.4                     | 38.36 | 126.1 | 37.43 | 118.5 | 36.18 | 114.5 | 34.49 | 111.0 | 33.09 | 103.7 | 31.37 |
|        | -5                | -5.6     | 133.4                     | 36.74 | 126.1 | 35.76 | 118.5 | 34.58 | 114.5 | 32.98 | 111.0 | 31.69 | 103.7 | 30.05 |
|        | -3                | -3.7     | 133.4                     | 35.13 | 126.1 | 34.15 | 118.5 | 33.01 | 114.5 | 31.48 | 111.0 | 30.26 | 103.7 | 28.67 |
|        | 0                 | -0.7     | 133.4                     | 32.70 | 126.1 | 31.70 | 118.5 | 30.64 | 114.5 | 29.23 | 111.0 | 28.16 | 103.7 | 26.63 |
|        | 3                 | 2.2      | 133.4                     | 30.27 | 126.1 | 29.23 | 118.5 | 28.25 | 114.5 | 26.96 | 111.0 | 26.06 | 103.7 | 24.57 |
|        | 5                 | 4.1      | 126.4                     | 26.41 | 118.8 | 25.33 | 111.2 | 24.42 | 107.2 | 23.26 | 103.7 | 22.44 | 96.20 | 21.05 |
|        | 7                 | 6        | 118.8                     | 22.83 | 111.5 | 21.77 | 103.7 | 20.88 | 99.70 | 19.85 | 96.10 | 19.19 | 88.60 | 17.85 |
|        | 9                 | 7.9      | 111.3                     | 18.81 | 103.7 | 17.86 | 96.10 | 17.03 | 91.80 | 16.19 | 88.30 | 15.58 | 80.50 | 14.43 |
|        | 11                | 9.8      | 103.4                     | 15.83 | 95.90 | 14.99 | 88.00 | 14.26 | 84.00 | 13.50 | 80.20 | 12.96 | 72.40 | 11.91 |
|        | 13                | 11.8     | 95.30                     | 13.34 | 87.70 | 12.56 | 79.70 | 11.89 | 75.60 | 11.23 | 71.80 | 10.76 | 64.00 | 9.83  |
|        | 15                | 13.7     | 87.00                     | 11.22 | 79.10 | 10.53 | 71.20 | 9.93  | 67.00 | 9.34  | 63.20 | 8.92  | 55.10 | 8.12  |
| 60     | -30               | -30.2    | 64.80                     | 48.78 | 64.80 | 49.15 | 64.20 | 55.27 | 62.10 | 52.35 | 60.00 | 49.64 | 56.20 | 47.23 |
|        | -24.8             | -25      | 107.8                     | 49.58 | 107.8 | 49.95 | 101.5 | 47.94 | 98.30 | 45.47 | 94.80 | 43.15 | 88.80 | 40.98 |
|        | -21.8             | -22      | 114.5                     | 49.60 | 108.3 | 47.83 | 101.5 | 45.37 | 98.30 | 43.06 | 94.80 | 40.89 | 88.80 | 38.78 |
|        | -19.8             | -20      | 114.5                     | 47.76 | 108.3 | 46.02 | 101.5 | 43.66 | 98.30 | 41.45 | 94.80 | 39.37 | 88.80 | 37.33 |
|        | -18.8             | -19      | 114.5                     | 46.85 | 108.3 | 45.13 | 101.5 | 42.82 | 98.30 | 40.67 | 94.80 | 38.62 | 88.80 | 36.59 |
|        | -16.7             | -17      | 114.5                     | 44.93 | 108.3 | 43.23 | 101.5 | 41.01 | 98.30 | 38.98 | 94.80 | 37.05 | 88.80 | 35.08 |
|        | -15               | -15.9    | 114.5                     | 43.58 | 108.3 | 41.87 | 101.5 | 39.74 | 98.30 | 37.79 | 94.80 | 35.92 | 88.80 | 33.99 |
|        | -13.7             | -15      | 114.5                     | 42.23 | 108.3 | 40.55 | 101.5 | 38.47 | 98.30 | 36.60 | 94.80 | 34.80 | 88.80 | 32.91 |
|        | -11.8             | -13      | 114.5                     | 40.52 | 108.3 | 38.84 | 101.5 | 36.87 | 98.30 | 35.09 | 94.80 | 33.38 | 88.80 | 31.54 |
|        | -9.8              | -11      | 114.5                     | 38.70 | 108.3 | 37.05 | 101.5 | 35.19 | 98.30 | 33.51 | 94.80 | 31.90 | 88.80 | 30.10 |
|        | -9.5              | -10      | 114.5                     | 38.44 | 108.3 | 36.78 | 101.5 | 34.95 | 98.30 | 33.27 | 94.80 | 31.67 | 88.80 | 29.89 |
|        | -8.5              | -9.1     | 114.5                     | 37.54 | 108.3 | 35.91 | 101.5 | 34.11 | 98.30 | 32.50 | 94.80 | 30.94 | 88.80 | 29.18 |
|        | -7                | -7.6     | 114.5                     | 36.22 | 108.3 | 34.59 | 101.5 | 32.84 | 98.30 | 31.31 | 94.80 | 29.83 | 88.80 | 28.10 |
|        | -5                | -5.6     | 114.5                     | 34.46 | 108.3 | 32.85 | 101.5 | 31.24 | 98.30 | 29.78 | 94.80 | 28.40 | 88.80 | 26.73 |
|        | -3                | -3.7     | 114.5                     | 32.74 | 108.3 | 31.14 | 101.5 | 29.61 | 98.30 | 28.26 | 94.80 | 26.95 | 88.80 | 25.33 |
|        | 0                 | -0.7     | 114.5                     | 30.12 | 108.3 | 28.54 | 101.5 | 27.16 | 98.30 | 25.97 | 94.80 | 24.81 | 88.80 | 23.25 |
|        | 3                 | 2.2      | 114.5                     | 27.52 | 108.3 | 25.96 | 101.5 | 24.72 | 98.30 | 23.69 | 94.80 | 22.66 | 88.80 | 21.17 |
|        | 5                 | 4.1      | 108.3                     | 23.81 | 102.1 | 22.33 | 95.30 | 21.20 | 92.10 | 20.30 | 88.60 | 19.40 | 82.30 | 18.01 |
|        | 7                 | 6        | 102.1                     | 20.41 | 95.80 | 18.99 | 88.80 | 17.99 | 85.60 | 17.22 | 82.10 | 16.44 | 75.80 | 15.16 |
|        | 9                 | 7.9      | 95.60                     | 16.66 | 89.10 | 15.45 | 82.30 | 14.56 | 78.90 | 13.92 | 75.40 | 13.27 | 69.10 | 12.16 |
|        | 11                | 9.8      | 88.80                     | 14.14 | 82.40 | 13.07 | 75.30 | 12.28 | 72.10 | 11.72 | 68.40 | 11.15 | 62.10 | 10.16 |
|        | 13                | 11.8     | 81.80                     | 11.97 | 75.30 | 11.03 | 68.30 | 10.35 | 64.80 | 9.84  | 61.30 | 9.33  | 54.80 | 8.47  |
|        | 15                | 13.7     | 74.80                     | 10.17 | 68.10 | 9.34  | 61.00 | 8.71  | 57.50 | 8.27  | 54.00 | 7.85  | 47.20 | 7.07  |
| 50     | -30               | -30.2    | 60.50                     | 42.29 | 57.00 | 47.75 | 53.50 | 45.24 | 51.80 | 42.87 | 50.00 | 40.63 | 46.70 | 38.62 |
|        | -24.8             | -25      | 95.60                     | 40.87 | 90.20 | 41.40 | 84.70 | 39.23 | 82.00 | 37.21 | 79.10 | 35.31 | 73.70 | 33.51 |
|        | -21.8             | -22      | 95.60                     | 41.31 | 90.20 | 39.16 | 84.70 | 37.12 | 82.00 | 35.22 | 79.10 | 33.44 | 73.70 | 31.70 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 95.60                     | 39.74 | 90.20 | 37.65 | 84.70 | 35.72 | 82.00 | 33.89 | 79.10 | 32.19 | 73.70 | 30.50 |
|        | -18.8             | -19      | 95.60                     | 38.97 | 90.20 | 36.90 | 84.70 | 35.05 | 82.00 | 33.23 | 79.10 | 31.58 | 73.70 | 29.94 |
|        | -16.7             | -17      | 95.60                     | 37.34 | 90.20 | 35.35 | 84.70 | 33.56 | 82.00 | 31.82 | 79.10 | 30.28 | 73.70 | 28.69 |
|        | -15               | -15.9    | 95.60                     | 36.17 | 90.20 | 34.22 | 84.70 | 32.52 | 82.00 | 30.83 | 79.10 | 29.35 | 73.70 | 27.79 |
|        | -13.7             | -15      | 95.60                     | 35.01 | 90.20 | 33.10 | 84.70 | 31.47 | 82.00 | 29.85 | 79.10 | 28.44 | 73.70 | 26.91 |
|        | -11.8             | -13      | 95.60                     | 33.52 | 90.20 | 31.72 | 84.70 | 30.18 | 82.00 | 28.62 | 79.10 | 27.28 | 73.70 | 25.79 |
|        | -9.8              | -11      | 95.60                     | 32.00 | 90.20 | 30.24 | 84.70 | 28.78 | 82.00 | 27.30 | 79.10 | 26.05 | 73.70 | 24.63 |
|        | -9.5              | -10      | 95.60                     | 31.77 | 90.20 | 30.02 | 84.70 | 28.57 | 82.00 | 27.11 | 79.10 | 25.89 | 73.70 | 24.44 |
|        | -8.5              | -9.1     | 95.60                     | 31.02 | 90.20 | 29.27 | 84.70 | 27.90 | 82.00 | 26.47 | 79.10 | 25.28 | 73.70 | 23.85 |
|        | -7                | -7.6     | 95.60                     | 29.84 | 90.20 | 28.18 | 84.70 | 26.87 | 82.00 | 25.49 | 79.10 | 24.36 | 73.70 | 22.98 |
|        | -5                | -5.6     | 95.60                     | 28.35 | 90.20 | 26.76 | 84.70 | 25.54 | 82.00 | 24.24 | 79.10 | 23.19 | 73.70 | 21.85 |
|        | -3                | -3.7     | 95.60                     | 26.89 | 90.20 | 25.33 | 84.70 | 24.19 | 82.00 | 22.95 | 79.10 | 22.00 | 73.70 | 20.71 |
|        | 0                 | -0.7     | 95.60                     | 24.65 | 90.20 | 23.17 | 84.70 | 22.19 | 82.00 | 21.07 | 79.10 | 20.25 | 73.70 | 19.01 |
|        | 3                 | 2.2      | 95.60                     | 22.41 | 90.20 | 21.05 | 84.70 | 20.20 | 82.00 | 19.17 | 79.10 | 18.49 | 73.70 | 17.32 |
|        | 5                 | 4.1      | 90.50                     | 19.38 | 85.10 | 18.12 | 79.60 | 17.37 | 76.90 | 16.45 | 73.90 | 15.90 | 68.30 | 14.79 |
|        | 7                 | 6        | 85.30                     | 16.61 | 79.70 | 15.46 | 74.20 | 14.80 | 71.50 | 14.01 | 68.50 | 13.53 | 62.90 | 12.53 |
|        | 9                 | 7.9      | 79.70                     | 13.79 | 74.30 | 12.80 | 68.50 | 12.21 | 65.80 | 11.53 | 62.90 | 11.12 | 57.20 | 10.25 |
|        | 11                | 9.8      | 74.20                     | 11.80 | 68.60 | 10.91 | 62.90 | 10.38 | 60.10 | 9.79  | 57.20 | 9.42  | 51.50 | 8.63  |
|        | 13                | 11.8     | 68.30                     | 10.08 | 62.70 | 9.30  | 56.90 | 8.83  | 54.20 | 8.31  | 51.30 | 7.97  | 45.40 | 7.28  |
|        | 15                | 13.7     | 62.40                     | 8.66  | 56.70 | 7.98  | 51.00 | 7.53  | 48.00 | 7.07  | 45.10 | 6.78  | 39.10 | 6.16  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM560LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 69.20                     | 58.59 | 69.20 | 59.05 | 68.70 | 59.45 | 68.70 | 60.03 | 68.70 | 60.60 | 67.70 | 61.47 |
|        | -24.8             | -25      | 115.2                     | 59.91 | 115.2 | 60.36 | 114.4 | 60.74 | 114.4 | 61.34 | 114.4 | 61.89 | 113.0 | 62.75 |
|        | -21.8             | -22      | 140.4                     | 60.67 | 140.4 | 61.10 | 139.6 | 61.50 | 139.6 | 62.08 | 139.6 | 62.62 | 137.6 | 63.51 |
|        | -19.8             | -20      | 148.4                     | 61.16 | 148.4 | 61.60 | 147.4 | 61.98 | 147.4 | 62.55 | 147.4 | 63.11 | 145.4 | 63.98 |
|        | -18.8             | -19      | 151.7                     | 61.39 | 151.7 | 61.84 | 150.9 | 62.22 | 150.9 | 62.79 | 150.9 | 63.35 | 148.7 | 64.22 |
|        | -16.7             | -17      | 158.7                     | 61.92 | 158.7 | 62.36 | 157.9 | 62.74 | 157.9 | 63.30 | 157.9 | 63.84 | 155.7 | 64.73 |
|        | -15               | -15.9    | 163.8                     | 62.26 | 163.8 | 62.70 | 162.9 | 63.08 | 162.9 | 63.64 | 162.9 | 64.20 | 160.7 | 63.49 |
|        | -13.7             | -15      | 169.0                     | 62.65 | 169.0 | 63.07 | 168.0 | 63.45 | 168.0 | 64.01 | 168.0 | 64.59 | 165.6 | 62.28 |
|        | -11.8             | -13      | 174.6                     | 63.09 | 174.6 | 63.53 | 173.3 | 63.93 | 173.3 | 64.49 | 173.3 | 62.94 | 171.5 | 60.73 |
|        | -9.8              | -11      | 180.4                     | 63.59 | 180.4 | 64.01 | 179.5 | 64.39 | 179.5 | 62.78 | 179.5 | 61.25 | 177.7 | 59.12 |
|        | -9.5              | -10      | 181.8                     | 63.65 | 181.8 | 64.07 | 180.6 | 64.12 | 180.6 | 62.52 | 180.3 | 61.00 | 178.5 | 58.89 |
|        | -8.5              | -9.1     | 186.5                     | 63.90 | 186.5 | 64.32 | 185.2 | 63.26 | 185.2 | 61.66 | 183.0 | 60.14 | 181.8 | 58.07 |
|        | -7                | -7.6     | 193.5                     | 64.25 | 193.5 | 63.08 | 192.1 | 61.97 | 192.1 | 60.37 | 192.1 | 58.88 | 187.9 | 56.86 |
|        | -5                | -5.6     | 202.6                     | 62.76 | 202.6 | 61.50 | 201.3 | 60.35 | 201.3 | 58.79 | 201.1 | 57.21 | 194.1 | 55.26 |
|        | -3                | -3.7     | 210.9                     | 61.00 | 210.9 | 59.67 | 209.9 | 58.53 | 208.3 | 56.55 | 206.1 | 54.51 | 198.5 | 53.15 |
|        | 0                 | -0.7     | 218.3                     | 57.25 | 218.3 | 55.84 | 217.3 | 54.61 | 215.7 | 53.02 | 213.5 | 51.59 | 199.1 | 48.61 |
|        | 3                 | 2.2      | 225.9                     | 55.01 | 225.9 | 53.49 | 224.7 | 52.14 | 221.7 | 50.36 | 213.9 | 47.72 | 199.1 | 45.95 |
|        | 5                 | 4.1      | 215.8                     | 48.25 | 215.0 | 46.58 | 213.3 | 45.24 | 207.7 | 43.09 | 199.7 | 41.33 | 184.8 | 39.81 |
|        | 7                 | 6        | 203.2                     | 41.64 | 201.6 | 39.96 | 199.0 | 38.49 | 193.1 | 36.95 | 185.1 | 35.65 | 170.0 | 34.13 |
|        | 9                 | 7.9      | 190.1                     | 36.41 | 187.6 | 34.78 | 184.2 | 33.24 | 178.0 | 31.99 | 170.0 | 30.75 | 154.8 | 29.21 |
| 120    | 11                | 9.8      | 176.9                     | 31.98 | 173.3 | 30.34 | 168.8 | 28.84 | 162.4 | 27.63 | 154.5 | 26.46 | 138.9 | 24.91 |
|        | 13                | 11.8     | 163.0                     | 27.71 | 158.5 | 26.16 | 152.9 | 24.65 | 146.4 | 23.55 | 138.3 | 22.43 | 122.7 | 20.89 |
|        | 15                | 13.7     | 148.7                     | 23.71 | 143.1 | 22.20 | 136.6 | 20.75 | 129.8 | 19.73 | 121.5 | 18.70 | 105.8 | 17.20 |
|        | -30               | -30.2    | 68.70                     | 59.05 | 68.70 | 59.45 | 68.10 | 60.03 | 68.10 | 60.60 | 68.10 | 61.47 | 67.10 | 62.13 |
|        | -24.8             | -25      | 114.4                     | 60.36 | 114.4 | 60.74 | 113.6 | 61.34 | 113.6 | 61.89 | 113.6 | 62.75 | 112.0 | 63.38 |
|        | -21.8             | -22      | 139.6                     | 61.10 | 139.6 | 61.50 | 138.6 | 62.08 | 138.6 | 62.62 | 138.6 | 63.51 | 136.8 | 64.10 |
|        | -19.8             | -20      | 147.4                     | 61.60 | 147.4 | 61.98 | 146.4 | 62.55 | 146.4 | 63.11 | 146.4 | 63.98 | 144.2 | 64.58 |
|        | -18.8             | -19      | 150.8                     | 61.84 | 150.8 | 62.22 | 149.7 | 62.79 | 149.7 | 63.35 | 149.7 | 64.22 | 147.7 | 64.83 |
|        | -16.7             | -17      | 157.8                     | 62.36 | 157.8 | 62.74 | 156.8 | 63.30 | 156.8 | 63.84 | 156.8 | 64.73 | 154.6 | 63.23 |
|        | -15               | -15.9    | 162.8                     | 62.70 | 162.8 | 63.08 | 161.7 | 63.64 | 161.7 | 64.20 | 161.7 | 63.54 | 159.5 | 62.10 |
|        | -13.7             | -15      | 167.6                     | 63.07 | 167.6 | 63.45 | 166.7 | 64.01 | 166.7 | 64.59 | 166.7 | 62.37 | 164.5 | 60.99 |
|        | -11.8             | -13      | 173.3                     | 63.53 | 173.3 | 63.93 | 172.2 | 64.49 | 172.2 | 62.93 | 172.2 | 60.92 | 170.4 | 59.55 |
|        | -9.8              | -11      | 179.0                     | 64.01 | 179.0 | 64.39 | 177.8 | 62.70 | 177.8 | 61.22 | 177.8 | 59.37 | 176.4 | 58.08 |
|        | -9.5              | -10      | 180.6                     | 64.07 | 180.6 | 64.11 | 179.3 | 62.44 | 179.3 | 60.97 | 179.3 | 59.12 | 177.7 | 57.85 |
|        | -8.5              | -9.1     | 185.0                     | 64.32 | 185.0 | 63.17 | 184.0 | 61.55 | 184.0 | 60.11 | 183.5 | 58.36 | 181.7 | 57.09 |
|        | -7                | -7.6     | 191.9                     | 62.95 | 191.9 | 61.76 | 190.8 | 60.22 | 190.8 | 58.83 | 188.6 | 57.20 | 185.0 | 55.59 |
|        | -5                | -5.6     | 201.3                     | 61.20 | 201.3 | 59.99 | 199.7 | 58.51 | 198.2 | 56.77 | 196.3 | 54.82 | 187.0 | 52.84 |
|        | -3                | -3.7     | 209.4                     | 59.21 | 208.7 | 57.82 | 205.4 | 55.86 | 203.4 | 54.10 | 201.3 | 52.59 | 187.0 | 49.80 |
|        | 0                 | -0.7     | 216.8                     | 55.12 | 216.1 | 53.84 | 212.6 | 52.61 | 207.8 | 50.78 | 201.3 | 48.68 | 187.0 | 47.68 |
|        | 3                 | 2.2      | 224.4                     | 52.53 | 223.7 | 51.26 | 215.0 | 48.99 | 207.8 | 47.32 | 201.3 | 46.60 | 187.0 | 45.71 |
|        | 5                 | 4.1      | 214.2                     | 45.85 | 210.9 | 44.13 | 201.8 | 42.32 | 194.6 | 41.40 | 187.9 | 40.77 | 173.6 | 39.77 |
|        | 7                 | 6        | 201.6                     | 39.32 | 197.7 | 37.82 | 188.2 | 36.72 | 180.9 | 35.84 | 174.2 | 35.29 | 159.6 | 34.22 |
|        | 9                 | 7.9      | 188.7                     | 34.39 | 184.2 | 33.01 | 174.1 | 31.88 | 166.9 | 31.01 | 160.1 | 30.42 | 145.3 | 29.28 |
|        | 11                | 9.8      | 175.5                     | 30.16 | 170.2 | 28.78 | 159.6 | 27.60 | 152.3 | 26.76 | 145.3 | 26.16 | 130.5 | 24.98 |
|        | 13                | 11.8     | 161.8                     | 26.12 | 155.6 | 24.80 | 144.7 | 23.62 | 137.2 | 22.78 | 130.2 | 22.19 | 115.3 | 20.96 |
|        | 15                | 13.7     | 147.5                     | 22.32 | 140.5 | 21.04 | 129.1 | 19.89 | 121.6 | 19.11 | 114.5 | 18.50 | 99.40 | 17.28 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 68.30                     | 59.45 | 68.30 | 60.03 | 67.90 | 60.60 | 67.90 | 61.47 | 67.90 | 62.13 | 66.90 | 62.37 |
|        | -24.8             | -25      | 113.8                     | 60.74 | 113.8 | 61.34 | 113.0 | 61.89 | 113.0 | 62.75 | 113.0 | 63.38 | 111.4 | 63.67 |
|        | -21.8             | -22      | 138.6                     | 61.50 | 138.6 | 62.08 | 137.8 | 62.62 | 137.8 | 63.51 | 137.8 | 64.10 | 136.0 | 64.40 |
|        | -19.8             | -20      | 146.5                     | 61.98 | 146.5 | 62.55 | 145.6 | 63.11 | 145.6 | 63.98 | 145.6 | 64.58 | 143.4 | 64.87 |
|        | -18.8             | -19      | 149.7                     | 62.22 | 149.7 | 62.79 | 148.9 | 63.35 | 148.9 | 64.22 | 148.9 | 64.83 | 146.9 | 64.03 |
|        | -16.7             | -17      | 157.0                     | 62.74 | 157.0 | 63.30 | 155.8 | 63.84 | 155.8 | 64.73 | 155.8 | 63.11 | 153.8 | 62.26 |
|        | -15               | -15.9    | 161.8                     | 63.08 | 161.8 | 63.64 | 160.7 | 64.20 | 160.7 | 63.43 | 160.7 | 61.89 | 159.7 | 60.99 |
|        | -13.7             | -15      | 166.8                     | 63.45 | 166.8 | 64.01 | 165.7 | 64.59 | 165.7 | 62.13 | 165.7 | 60.68 | 165.7 | 59.75 |
|        | -11.8             | -13      | 172.2                     | 63.93 | 172.2 | 64.49 | 171.4 | 62.77 | 171.4 | 60.52 | 171.4 | 59.11 | 168.3 | 57.11 |
|        | -9.8              | -11      | 178.2                     | 64.39 | 178.2 | 62.47 | 177.0 | 60.88 | 177.0 | 58.80 | 177.0 | 57.50 | 168.3 | 53.96 |
|        | -9.5              | -10      | 179.3                     | 64.06 | 179.3 | 62.16 | 178.5 | 60.59 | 178.5 | 58.56 | 178.5 | 57.25 | 168.3 | 53.20 |
|        | -8.5              | -9.1     | 184.0                     | 62.99 | 184.0 | 61.15 | 182.9 | 59.65 | 182.9 | 57.70 | 180.3 | 55.75 | 168.3 | 51.92 |
|        | -7                | -7.6     | 191.0                     | 61.36 | 191.0 | 59.63 | 188.5 | 57.82 | 186.5 | 55.43 | 180.3 | 52.94 | 168.3 | 50.58 |
|        | -5                | -5.6     | 200.0                     | 59.29 | 197.7 | 57.07 | 192.9 | 54.81 | 186.5 | 51.72 | 180.3 | 50.40 | 168.3 | 49.10 |
|        | -3                | -3.7     | 206.1                     | 56.43 | 202.7 | 54.14 | 192.9 | 51.55 | 186.5 | 49.65 | 180.3 | 48.71 | 168.3 | 47.63 |
|        | 0                 | -0.7     | 213.3                     | 52.44 | 205.5 | 50.17 | 192.9 | 48.50 | 186.5 | 47.37 | 180.3 | 46.56 | 168.3 | 45.40 |
|        | 3                 | 2.2      | 217.5                     | 48.70 | 205.5 | 46.69 | 192.9 | 45.97 | 186.5 | 45.13 | 180.3 | 44.43 | 168.3 | 43.22 |
|        | 5                 | 4.1      | 206.0                     | 41.78 | 193.7 | 40.90 | 181.1 | 40.19 | 174.7 | 39.44 | 168.3 | 38.79 | 156.2 | 37.43 |
|        | 7                 | 6        | 194.0                     | 36.32 | 181.7 | 35.48 | 168.8 | 34.78 | 162.4 | 34.17 | 156.0 | 33.54 | 143.7 | 32.10 |
|        | 9                 | 7.9      | 181.6                     | 31.76 | 169.1 | 30.89 | 156.2 | 30.09 | 149.8 | 29.47 | 143.3 | 28.85 | 130.8 | 27.39 |
|        | 11                | 9.8      | 168.8                     | 27.76 | 156.2 | 26.86 | 143.3 | 26.01 | 136.7 | 25.38 | 130.2 | 24.75 | 117.6 | 23.32 |
|        | 13                | 11.8     | 155.6                     | 23.98 | 143.0 | 23.06 | 129.9 | 22.19 | 123.2 | 21.57 | 116.7 | 20.95 | 103.6 | 19.55 |
|        | 15                | 13.7     | 141.9                     | 20.42 | 129.1 | 19.52 | 115.9 | 18.63 | 109.2 | 18.07 | 102.5 | 17.44 | 89.30 | 16.10 |
| 100    | -30               | -30.2    | 67.90                     | 67.34 | 67.90 | 67.17 | 67.50 | 58.97 | 67.50 | 66.65 | 67.50 | 65.08 | 66.50 | 66.36 |
|        | -24.8             | -25      | 113.2                     | 66.58 | 113.2 | 66.40 | 112.6 | 62.13 | 112.6 | 65.90 | 112.6 | 65.72 | 110.8 | 65.61 |
|        | -21.8             | -22      | 138.0                     | 66.15 | 138.0 | 65.94 | 137.2 | 63.95 | 137.2 | 65.48 | 137.2 | 66.08 | 135.4 | 65.19 |
|        | -19.8             | -20      | 145.9                     | 65.84 | 145.9 | 65.65 | 144.9 | 65.09 | 144.9 | 65.17 | 144.9 | 65.25 | 142.9 | 64.87 |
|        | -18.8             | -19      | 149.2                     | 65.69 | 148.3 | 65.52 | 148.3 | 65.32 | 148.3 | 65.02 | 148.3 | 64.83 | 146.3 | 63.85 |
|        | -16.7             | -17      | 155.1                     | 65.41 | 155.1 | 65.20 | 155.1 | 65.82 | 154.3 | 64.73 | 154.3 | 62.71 | 152.3 | 61.68 |
|        | -15               | -15.9    | 160.7                     | 65.16 | 160.7 | 64.97 | 160.1 | 65.19 | 159.8 | 63.20 | 159.8 | 61.17 | 153.7 | 58.67 |
|        | -13.7             | -15      | 166.0                     | 64.94 | 166.0 | 64.77 | 165.1 | 64.59 | 165.1 | 61.67 | 165.1 | 59.67 | 153.7 | 55.33 |
|        | -11.8             | -13      | 171.4                     | 64.69 | 170.5 | 64.49 | 170.5 | 62.56 | 170.5 | 59.74 | 165.2 | 55.96 | 153.7 | 52.92 |
|        | -9.8              | -11      | 177.2                     | 64.39 | 177.2 | 62.23 | 176.4 | 60.43 | 170.8 | 55.87 | 165.2 | 52.71 | 153.7 | 50.95 |
|        | -9.5              | -10      | 178.5                     | 64.03 | 178.5 | 61.88 | 176.4 | 59.64 | 170.8 | 55.17 | 165.2 | 52.22 | 153.7 | 50.67 |
|        | -8.5              | -9.1     | 183.1                     | 62.87 | 183.1 | 60.76 | 176.4 | 57.14 | 170.8 | 52.63 | 165.2 | 50.82 | 153.7 | 49.70 |
|        | -7                | -7.6     | 192.5                     | 60.94 | 187.6 | 57.64 | 176.4 | 53.60 | 170.8 | 51.21 | 165.2 | 49.42 | 153.7 | 48.28 |
|        | -5                | -5.6     | 198.5                     | 57.96 | 187.6 | 53.53 | 176.4 | 51.72 | 170.8 | 49.41 | 165.2 | 47.64 | 153.7 | 46.47 |
|        | -3                | -3.7     | 199.1                     | 54.39 | 187.6 | 51.13 | 176.4 | 49.84 | 170.8 | 47.61 | 165.2 | 45.85 | 153.7 | 44.64 |
|        | 0                 | -0.7     | 199.1                     | 49.70 | 187.6 | 48.09 | 176.4 | 46.97 | 170.8 | 44.90 | 165.2 | 43.17 | 153.7 | 41.89 |
|        | 3                 | 2.2      | 199.1                     | 46.55 | 187.6 | 45.08 | 176.4 | 44.13 | 170.8 | 42.19 | 165.2 | 40.49 | 153.7 | 39.15 |
|        | 5                 | 4.1      | 188.5                     | 40.71 | 176.9 | 39.27 | 165.5 | 38.34 | 159.9 | 36.59 | 154.3 | 34.98 | 142.5 | 33.52 |
|        | 7                 | 6        | 177.5                     | 35.25 | 165.8 | 33.89 | 154.5 | 32.99 | 148.7 | 31.41 | 143.1 | 29.91 | 131.3 | 28.40 |
|        | 9                 | 7.9      | 166.1                     | 30.70 | 154.5 | 29.39 | 142.8 | 28.46 | 137.2 | 27.00 | 131.3 | 25.63 | 119.5 | 24.17 |
|        | 11                | 9.8      | 154.6                     | 26.73 | 142.8 | 25.43 | 131.0 | 24.50 | 125.2 | 23.16 | 119.3 | 21.91 | 107.2 | 20.50 |
|        | 13                | 11.8     | 142.3                     | 22.99 | 130.5 | 21.76 | 118.7 | 20.82 | 112.8 | 19.62 | 106.9 | 18.47 | 94.60 | 17.14 |
|        | 15                | 13.7     | 129.9                     | 19.50 | 117.9 | 18.35 | 105.9 | 17.42 | 100.0 | 16.39 | 94.00 | 15.34 | 81.70 | 14.12 |
| 90     | -30               | -30.2    | 67.80                     | 58.40 | 67.80 | 59.24 | 67.30 | 59.86 | 67.30 | 60.14 | 67.30 | 60.78 | 66.30 | 67.73 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 112.9                     | 59.67 | 112.9 | 60.55 | 112.1 | 61.17 | 112.1 | 61.44 | 112.1 | 62.04 | 110.5 | 62.92 |
|        | -21.8             | -22      | 137.5                     | 60.39 | 137.5 | 61.29 | 136.6 | 61.91 | 136.6 | 62.18 | 136.6 | 62.78 | 134.8 | 60.15 |
|        | -19.8             | -20      | 145.4                     | 60.92 | 145.4 | 61.77 | 144.3 | 62.40 | 144.3 | 62.68 | 144.3 | 60.91 | 140.6 | 57.59 |
|        | -18.8             | -19      | 149.2                     | 61.15 | 148.3 | 62.02 | 147.8 | 62.62 | 147.8 | 61.71 | 147.8 | 59.96 | 140.6 | 55.41 |
|        | -16.7             | -17      | 155.1                     | 61.67 | 155.1 | 62.52 | 154.5 | 60.65 | 154.5 | 59.70 | 151.4 | 56.85 | 140.6 | 52.19 |
|        | -15               | -15.9    | 160.7                     | 62.02 | 160.7 | 61.07 | 159.5 | 59.25 | 156.5 | 57.18 | 151.4 | 54.34 | 140.6 | 50.72 |
|        | -13.7             | -15      | 166.0                     | 62.39 | 166.0 | 59.61 | 161.3 | 56.71 | 156.5 | 54.09 | 151.4 | 51.95 | 140.6 | 49.27 |
|        | -11.8             | -13      | 171.4                     | 60.42 | 170.5 | 57.77 | 161.3 | 53.24 | 156.5 | 51.80 | 151.4 | 49.93 | 140.6 | 47.65 |
|        | -9.8              | -11      | 177.2                     | 58.34 | 171.4 | 54.00 | 161.3 | 50.97 | 156.5 | 49.62 | 151.4 | 48.22 | 140.6 | 45.97 |
|        | -9.5              | -10      | 178.5                     | 58.02 | 171.4 | 53.32 | 161.3 | 50.50 | 156.5 | 49.35 | 151.4 | 47.96 | 140.6 | 45.72 |
|        | -8.5              | -9.1     | 181.9                     | 56.61 | 171.4 | 51.49 | 161.3 | 49.49 | 156.5 | 48.49 | 151.4 | 47.09 | 140.6 | 44.88 |
|        | -7                | -7.6     | 182.3                     | 52.34 | 171.4 | 49.63 | 161.3 | 48.18 | 156.5 | 47.18 | 151.4 | 45.80 | 140.6 | 43.61 |
|        | -5                | -5.6     | 182.3                     | 49.90 | 171.4 | 47.93 | 161.3 | 46.52 | 156.5 | 45.47 | 151.4 | 44.17 | 140.6 | 42.01 |
|        | -3                | -3.7     | 182.3                     | 48.06 | 171.4 | 46.20 | 161.3 | 44.87 | 156.5 | 43.78 | 151.4 | 42.51 | 140.6 | 40.39 |
|        | 0                 | -0.7     | 182.3                     | 45.28 | 171.4 | 43.60 | 161.3 | 42.40 | 156.5 | 41.25 | 151.4 | 40.05 | 140.6 | 37.98 |
|        | 3                 | 2.2      | 182.3                     | 42.50 | 171.4 | 41.04 | 161.3 | 39.91 | 156.5 | 38.72 | 151.4 | 37.57 | 140.6 | 35.55 |
|        | 5                 | 4.1      | 172.5                     | 37.27 | 161.6 | 35.91 | 151.5 | 34.80 | 146.5 | 33.62 | 141.3 | 32.52 | 130.5 | 30.55 |
|        | 7                 | 6        | 162.4                     | 32.39 | 151.5 | 31.17 | 141.2 | 30.05 | 136.3 | 28.90 | 131.0 | 27.90 | 120.1 | 26.02 |
|        | 9                 | 7.9      | 152.1                     | 27.98 | 141.1 | 26.80 | 130.8 | 25.73 | 125.7 | 24.65 | 120.3 | 23.71 | 109.2 | 21.97 |
|        | 11                | 9.8      | 141.4                     | 23.92 | 130.3 | 22.81 | 119.8 | 21.77 | 114.8 | 20.82 | 109.4 | 19.95 | 98.10 | 18.35 |
|        | 13                | 11.8     | 130.5                     | 20.24 | 119.3 | 19.20 | 108.6 | 18.22 | 103.3 | 17.35 | 97.90 | 16.59 | 86.60 | 15.11 |
|        | 15                | 13.7     | 119.0                     | 16.90 | 107.6 | 15.94 | 96.90 | 15.02 | 91.60 | 14.26 | 86.20 | 13.57 | 74.80 | 12.28 |
| 80     | -30               | -30.2    | 67.30                     | 51.29 | 67.30 | 52.19 | 67.00 | 52.86 | 67.00 | 52.07 | 67.00 | 60.16 | 66.00 | 57.68 |
|        | -24.8             | -25      | 112.4                     | 52.63 | 112.4 | 53.53 | 111.6 | 54.15 | 111.6 | 54.43 | 111.6 | 55.91 | 110.0 | 53.60 |
|        | -21.8             | -22      | 136.0                     | 53.40 | 136.0 | 54.28 | 136.0 | 54.90 | 136.0 | 55.78 | 134.4 | 52.87 | 125.7 | 48.57 |
|        | -19.8             | -20      | 143.8                     | 53.91 | 143.8 | 54.79 | 143.6 | 55.60 | 140.0 | 52.65 | 135.0 | 49.31 | 125.7 | 46.38 |
|        | -18.8             | -19      | 147.2                     | 54.17 | 147.2 | 55.65 | 144.5 | 53.85 | 140.0 | 50.79 | 135.0 | 48.22 | 125.7 | 45.67 |
|        | -16.7             | -17      | 152.5                     | 55.57 | 152.5 | 53.86 | 144.5 | 50.27 | 140.0 | 48.31 | 135.0 | 46.09 | 125.7 | 44.16 |
|        | -15               | -15.9    | 157.1                     | 54.24 | 153.7 | 51.95 | 144.5 | 48.66 | 140.0 | 46.96 | 135.0 | 44.96 | 125.7 | 43.06 |
|        | -13.7             | -15      | 160.2                     | 52.46 | 153.7 | 49.71 | 144.5 | 47.11 | 140.0 | 45.64 | 135.0 | 43.85 | 125.7 | 41.98 |
|        | -11.8             | -13      | 163.2                     | 50.45 | 153.7 | 47.46 | 144.5 | 45.59 | 140.0 | 44.18 | 135.0 | 42.42 | 125.7 | 40.63 |
|        | -9.8              | -11      | 163.2                     | 47.58 | 153.7 | 45.33 | 144.5 | 44.02 | 140.0 | 42.59 | 135.0 | 40.93 | 125.7 | 39.19 |
|        | -9.5              | -10      | 163.2                     | 47.00 | 153.7 | 44.81 | 144.5 | 43.77 | 140.0 | 42.36 | 135.0 | 40.71 | 125.7 | 38.97 |
|        | -8.5              | -9.1     | 163.2                     | 45.72 | 153.7 | 43.84 | 144.5 | 42.98 | 140.0 | 41.58 | 135.0 | 39.97 | 125.7 | 38.28 |
|        | -7                | -7.6     | 163.2                     | 43.98 | 153.7 | 42.64 | 144.5 | 41.80 | 140.0 | 40.39 | 135.0 | 38.87 | 125.7 | 37.18 |
|        | -5                | -5.6     | 163.2                     | 42.42 | 153.7 | 41.16 | 144.5 | 40.28 | 140.0 | 38.91 | 135.0 | 37.43 | 125.7 | 35.83 |
|        | -3                | -3.7     | 163.2                     | 40.86 | 153.7 | 39.65 | 144.5 | 38.78 | 140.0 | 37.39 | 135.0 | 36.01 | 125.7 | 34.45 |
|        | 0                 | -0.7     | 163.2                     | 38.53 | 153.7 | 37.40 | 144.5 | 36.50 | 140.0 | 35.16 | 135.0 | 33.87 | 125.7 | 32.39 |
|        | 3                 | 2.2      | 163.2                     | 36.20 | 153.7 | 35.14 | 144.5 | 34.22 | 140.0 | 32.89 | 135.0 | 31.77 | 125.7 | 30.36 |
|        | 5                 | 4.1      | 154.5                     | 31.82 | 145.0 | 30.77 | 135.6 | 29.81 | 131.1 | 28.55 | 126.0 | 27.54 | 116.7 | 26.14 |
|        | 7                 | 6        | 145.5                     | 27.73 | 135.8 | 26.72 | 126.6 | 25.73 | 121.8 | 24.54 | 116.8 | 23.62 | 107.3 | 22.32 |
|        | 9                 | 7.9      | 136.3                     | 23.62 | 126.5 | 22.68 | 117.1 | 21.72 | 112.3 | 20.67 | 107.3 | 19.84 | 97.70 | 18.62 |
|        | 11                | 9.8      | 126.6                     | 19.74 | 117.0 | 18.87 | 107.3 | 18.00 | 102.5 | 17.05 | 97.50 | 16.33 | 87.70 | 15.21 |
|        | 13                | 11.8     | 116.7                     | 16.47 | 106.9 | 15.66 | 97.20 | 14.86 | 92.40 | 14.04 | 87.40 | 13.41 | 77.50 | 12.38 |
|        | 15                | 13.7     | 106.4                     | 13.74 | 96.60 | 13.00 | 86.80 | 12.25 | 82.00 | 11.56 | 76.70 | 10.98 | 66.70 | 10.07 |
| 70     | -30               | -30.2    | 67.30                     | 51.38 | 67.30 | 51.72 | 67.00 | 52.31 | 67.00 | 59.08 | 67.00 | 56.28 | 66.00 | 53.78 |
|        | -24.8             | -25      | 112.4                     | 52.73 | 112.4 | 53.02 | 111.6 | 53.62 | 111.6 | 54.48 | 111.6 | 51.98 | 107.5 | 48.48 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 131.2                     | 53.50 | 130.5 | 53.35 | 122.9 | 51.19 | 118.7 | 48.42 | 115.1 | 46.22 | 107.5 | 44.09 |
|        | -19.8             | -20      | 138.3                     | 52.76 | 130.7 | 51.12 | 122.9 | 49.05 | 118.7 | 46.79 | 115.1 | 44.70 | 107.5 | 42.60 |
|        | -18.8             | -19      | 138.3                     | 51.57 | 130.7 | 49.90 | 122.9 | 48.20 | 118.7 | 45.96 | 115.1 | 43.92 | 107.5 | 41.85 |
|        | -16.7             | -17      | 138.3                     | 48.95 | 130.7 | 47.95 | 122.9 | 46.40 | 118.7 | 44.26 | 115.1 | 42.31 | 107.5 | 40.29 |
|        | -15               | -15.9    | 138.3                     | 47.58 | 130.7 | 46.64 | 122.9 | 45.11 | 118.7 | 43.02 | 115.1 | 41.16 | 107.5 | 39.19 |
|        | -13.7             | -15      | 138.3                     | 46.23 | 130.7 | 45.32 | 122.9 | 43.85 | 118.7 | 41.82 | 115.1 | 40.04 | 107.5 | 38.09 |
|        | -11.8             | -13      | 138.3                     | 44.57 | 130.7 | 43.66 | 122.9 | 42.23 | 118.7 | 40.28 | 115.1 | 38.59 | 107.5 | 36.68 |
|        | -9.8              | -11      | 138.3                     | 42.87 | 130.7 | 41.89 | 122.9 | 40.53 | 118.7 | 38.66 | 115.1 | 37.07 | 107.5 | 35.22 |
|        | -9.5              | -10      | 138.3                     | 42.61 | 130.7 | 41.64 | 122.9 | 40.27 | 118.7 | 38.42 | 115.1 | 36.85 | 107.5 | 35.00 |
|        | -8.5              | -9.1     | 138.3                     | 41.73 | 130.7 | 40.76 | 122.9 | 39.44 | 118.7 | 37.63 | 115.1 | 36.09 | 107.5 | 34.28 |
|        | -7                | -7.6     | 138.3                     | 40.45 | 130.7 | 39.48 | 122.9 | 38.19 | 118.7 | 36.42 | 115.1 | 34.96 | 107.5 | 33.17 |
|        | -5                | -5.6     | 138.3                     | 38.80 | 130.7 | 37.78 | 122.9 | 36.53 | 118.7 | 34.87 | 115.1 | 33.52 | 107.5 | 31.79 |
|        | -3                | -3.7     | 138.3                     | 37.15 | 130.7 | 36.12 | 122.9 | 34.92 | 118.7 | 33.32 | 115.1 | 32.05 | 107.5 | 30.37 |
|        | 0                 | -0.7     | 138.3                     | 34.66 | 130.7 | 33.60 | 122.9 | 32.48 | 118.7 | 31.00 | 115.1 | 29.87 | 107.5 | 28.26 |
|        | 3                 | 2.2      | 138.3                     | 32.17 | 130.7 | 31.08 | 122.9 | 30.04 | 118.7 | 28.67 | 115.1 | 27.71 | 107.5 | 26.14 |
|        | 5                 | 4.1      | 131.0                     | 28.09 | 123.2 | 26.95 | 115.3 | 25.97 | 111.1 | 24.73 | 107.5 | 23.88 | 99.70 | 22.39 |
|        | 7                 | 6        | 123.2                     | 24.30 | 115.6 | 23.18 | 107.5 | 22.23 | 103.3 | 21.12 | 99.70 | 20.41 | 91.80 | 18.98 |
|        | 9                 | 7.9      | 115.4                     | 19.99 | 107.5 | 18.97 | 99.60 | 18.09 | 95.20 | 17.18 | 91.60 | 16.53 | 83.50 | 15.30 |
|        | 11                | 9.8      | 107.3                     | 16.79 | 99.40 | 15.89 | 91.30 | 15.11 | 87.00 | 14.29 | 83.20 | 13.71 | 75.00 | 12.60 |
|        | 13                | 11.8     | 98.80                     | 14.11 | 90.90 | 13.28 | 82.60 | 12.56 | 78.40 | 11.86 | 74.50 | 11.35 | 66.30 | 10.37 |
|        | 15                | 13.7     | 90.20                     | 11.84 | 82.00 | 11.10 | 73.90 | 10.46 | 69.40 | 9.83  | 65.50 | 9.38  | 57.10 | 8.52  |
| 60     | -30               | -30.2    | 66.70                     | 50.75 | 66.70 | 51.33 | 66.20 | 58.51 | 64.60 | 55.48 | 63.00 | 52.67 | 59.20 | 50.16 |
|        | -24.8             | -25      | 111.0                     | 52.09 | 111.0 | 52.68 | 105.3 | 51.19 | 101.9 | 48.13 | 98.30 | 45.27 | 92.10 | 42.91 |
|        | -21.8             | -22      | 118.7                     | 52.00 | 112.3 | 49.93 | 105.3 | 47.41 | 101.9 | 45.04 | 98.30 | 42.81 | 92.10 | 40.65 |
|        | -19.8             | -20      | 118.7                     | 49.86 | 112.3 | 48.08 | 105.3 | 45.65 | 101.9 | 43.38 | 98.30 | 41.24 | 92.10 | 39.15 |
|        | -18.8             | -19      | 118.7                     | 48.91 | 112.3 | 47.15 | 105.3 | 44.80 | 101.9 | 42.59 | 98.30 | 40.47 | 92.10 | 38.38 |
|        | -16.7             | -17      | 118.7                     | 46.97 | 112.3 | 45.21 | 105.3 | 42.94 | 101.9 | 40.85 | 98.30 | 38.86 | 92.10 | 36.82 |
|        | -15               | -15.9    | 118.7                     | 45.58 | 112.3 | 43.83 | 105.3 | 41.63 | 101.9 | 39.62 | 98.30 | 37.70 | 92.10 | 35.70 |
|        | -13.7             | -15      | 118.7                     | 44.21 | 112.3 | 42.47 | 105.3 | 40.33 | 101.9 | 38.40 | 98.30 | 36.56 | 92.10 | 34.59 |
|        | -11.8             | -13      | 118.7                     | 42.46 | 112.3 | 40.72 | 105.3 | 38.69 | 101.9 | 36.85 | 98.30 | 35.09 | 92.10 | 33.17 |
|        | -9.8              | -11      | 118.7                     | 40.60 | 112.3 | 38.89 | 105.3 | 36.97 | 101.9 | 35.23 | 98.30 | 33.57 | 92.10 | 31.70 |
|        | -9.5              | -10      | 118.7                     | 40.33 | 112.3 | 38.62 | 105.3 | 36.73 | 101.9 | 34.99 | 98.30 | 33.32 | 92.10 | 31.47 |
|        | -8.5              | -9.1     | 118.7                     | 39.42 | 112.3 | 37.72 | 105.3 | 35.86 | 101.9 | 34.20 | 98.30 | 32.58 | 92.10 | 30.74 |
|        | -7                | -7.6     | 118.7                     | 38.07 | 112.3 | 36.37 | 105.3 | 34.57 | 101.9 | 32.97 | 98.30 | 31.44 | 92.10 | 29.63 |
|        | -5                | -5.6     | 118.7                     | 36.28 | 112.3 | 34.59 | 105.3 | 32.91 | 101.9 | 31.41 | 98.30 | 29.96 | 92.10 | 28.22 |
|        | -3                | -3.7     | 118.7                     | 34.53 | 112.3 | 32.84 | 105.3 | 31.25 | 101.9 | 29.85 | 98.30 | 28.48 | 92.10 | 26.78 |
|        | 0                 | -0.7     | 118.7                     | 31.86 | 112.3 | 30.19 | 105.3 | 28.75 | 101.9 | 27.50 | 98.30 | 26.29 | 92.10 | 24.64 |
|        | 3                 | 2.2      | 118.7                     | 29.21 | 112.3 | 27.56 | 105.3 | 26.24 | 101.9 | 25.16 | 98.30 | 24.07 | 92.10 | 22.50 |
|        | 5                 | 4.1      | 112.3                     | 25.31 | 105.9 | 23.73 | 98.90 | 22.53 | 95.40 | 21.57 | 91.80 | 20.63 | 85.40 | 19.14 |
|        | 7                 | 6        | 105.8                     | 21.73 | 99.40 | 20.21 | 92.20 | 19.14 | 88.70 | 18.32 | 85.10 | 17.48 | 78.70 | 16.12 |
|        | 9                 | 7.9      | 99.10                     | 17.69 | 92.40 | 16.41 | 85.40 | 15.46 | 81.80 | 14.78 | 78.10 | 14.08 | 71.60 | 12.91 |
|        | 11                | 9.8      | 92.10                     | 14.99 | 85.40 | 13.85 | 78.20 | 13.00 | 74.70 | 12.42 | 70.90 | 11.80 | 64.40 | 10.74 |
|        | 13                | 11.8     | 84.80                     | 12.66 | 78.10 | 11.65 | 70.90 | 10.93 | 67.20 | 10.39 | 63.60 | 9.84  | 56.80 | 8.92  |
|        | 15                | 13.7     | 77.50                     | 10.73 | 70.60 | 9.84  | 63.30 | 9.17  | 59.60 | 8.70  | 56.00 | 8.25  | 49.00 | 7.43  |
| 50     | -30               | -30.2    | 63.70                     | 44.47 | 60.10 | 51.04 | 56.40 | 48.38 | 54.70 | 45.93 | 52.70 | 43.49 | 49.30 | 41.40 |
|        | -24.8             | -25      | 99.10                     | 42.79 | 93.50 | 43.59 | 87.90 | 41.33 | 85.10 | 39.23 | 82.10 | 37.23 | 76.50 | 35.36 |
|        | -21.8             | -22      | 99.10                     | 43.49 | 93.50 | 41.25 | 87.90 | 39.14 | 85.10 | 37.14 | 82.10 | 35.29 | 76.50 | 33.47 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 99.10                     | 41.85 | 93.50 | 39.68 | 87.90 | 37.66 | 85.10 | 35.76 | 82.10 | 33.99 | 76.50 | 32.22 |
|        | -18.8             | -19      | 99.10                     | 41.06 | 93.50 | 38.90 | 87.90 | 36.97 | 85.10 | 35.06 | 82.10 | 33.34 | 76.50 | 31.63 |
|        | -16.7             | -17      | 99.10                     | 39.36 | 93.50 | 37.29 | 87.90 | 35.42 | 85.10 | 33.60 | 82.10 | 31.99 | 76.50 | 30.32 |
|        | -15               | -15.9    | 99.10                     | 38.14 | 93.50 | 36.11 | 87.90 | 34.33 | 85.10 | 32.57 | 82.10 | 31.02 | 76.50 | 29.37 |
|        | -13.7             | -15      | 99.10                     | 36.93 | 93.50 | 34.95 | 87.90 | 33.23 | 85.10 | 31.54 | 82.10 | 30.07 | 76.50 | 28.46 |
|        | -11.8             | -13      | 99.10                     | 35.39 | 93.50 | 33.50 | 87.90 | 31.89 | 85.10 | 30.26 | 82.10 | 28.86 | 76.50 | 27.29 |
|        | -9.8              | -11      | 99.10                     | 33.81 | 93.50 | 31.96 | 87.90 | 30.43 | 85.10 | 28.88 | 82.10 | 27.58 | 76.50 | 26.07 |
|        | -9.5              | -10      | 99.10                     | 33.57 | 93.50 | 31.73 | 87.90 | 30.21 | 85.10 | 28.69 | 82.10 | 27.40 | 76.50 | 25.88 |
|        | -8.5              | -9.1     | 99.10                     | 32.78 | 93.50 | 30.95 | 87.90 | 29.51 | 85.10 | 28.01 | 82.10 | 26.77 | 76.50 | 25.26 |
|        | -7                | -7.6     | 99.10                     | 31.55 | 93.50 | 29.82 | 87.90 | 28.44 | 85.10 | 26.99 | 82.10 | 25.81 | 76.50 | 24.35 |
|        | -5                | -5.6     | 99.10                     | 30.01 | 93.50 | 28.34 | 87.90 | 27.05 | 85.10 | 25.69 | 82.10 | 24.58 | 76.50 | 23.17 |
|        | -3                | -3.7     | 99.10                     | 28.50 | 93.50 | 26.85 | 87.90 | 25.66 | 85.10 | 24.35 | 82.10 | 23.34 | 76.50 | 21.98 |
|        | 0                 | -0.7     | 99.10                     | 26.16 | 93.50 | 24.60 | 87.90 | 23.57 | 85.10 | 22.38 | 82.10 | 21.52 | 76.50 | 20.21 |
|        | 3                 | 2.2      | 99.10                     | 23.84 | 93.50 | 22.39 | 87.90 | 21.49 | 85.10 | 20.40 | 82.10 | 19.67 | 76.50 | 18.44 |
|        | 5                 | 4.1      | 93.80                     | 20.62 | 88.20 | 19.28 | 82.60 | 18.49 | 79.80 | 17.51 | 76.70 | 16.91 | 70.90 | 15.74 |
|        | 7                 | 6        | 88.40                     | 17.68 | 82.60 | 16.44 | 77.00 | 15.74 | 74.20 | 14.90 | 71.10 | 14.39 | 65.30 | 13.32 |
|        | 9                 | 7.9      | 82.60                     | 14.65 | 77.00 | 13.59 | 71.10 | 12.96 | 68.30 | 12.24 | 65.30 | 11.79 | 59.40 | 10.87 |
|        | 11                | 9.8      | 77.00                     | 12.51 | 71.10 | 11.56 | 65.20 | 11.00 | 62.40 | 10.36 | 59.40 | 9.97  | 53.50 | 9.13  |
|        | 13                | 11.8     | 70.80                     | 10.66 | 65.00 | 9.83  | 59.10 | 9.33  | 56.20 | 8.77  | 53.20 | 8.41  | 47.10 | 7.68  |
|        | 15                | 13.7     | 64.70                     | 9.13  | 58.80 | 8.40  | 52.90 | 7.93  | 49.80 | 7.44  | 46.80 | 7.13  | 40.60 | 6.47  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM580LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 73.60                     | 61.43 | 73.60 | 61.68 | 73.00 | 61.92 | 73.00 | 62.26 | 73.00 | 62.64 | 71.60 | 63.11 |
|        | -24.8             | -25      | 122.5                     | 62.14 | 122.5 | 62.39 | 121.6 | 62.62 | 121.6 | 62.97 | 121.6 | 63.31 | 119.5 | 63.81 |
|        | -21.8             | -22      | 147.8                     | 62.54 | 147.8 | 62.80 | 146.9 | 63.04 | 146.9 | 63.38 | 146.9 | 63.69 | 144.0 | 64.23 |
|        | -19.8             | -20      | 155.4                     | 62.82 | 155.4 | 63.07 | 154.3 | 63.29 | 154.3 | 63.64 | 154.3 | 63.96 | 151.3 | 64.48 |
|        | -18.8             | -19      | 158.5                     | 62.92 | 158.5 | 63.20 | 157.6 | 63.42 | 157.6 | 63.76 | 157.6 | 64.09 | 154.5 | 64.61 |
|        | -16.7             | -17      | 165.3                     | 63.23 | 165.3 | 63.48 | 164.3 | 63.70 | 164.3 | 64.04 | 164.3 | 64.35 | 161.2 | 64.89 |
|        | -15               | -15.9    | 170.2                     | 63.40 | 170.2 | 63.66 | 169.1 | 63.88 | 169.1 | 64.22 | 169.1 | 64.55 | 166.0 | 63.58 |
|        | -13.7             | -15      | 175.2                     | 63.62 | 175.2 | 63.86 | 174.2 | 64.08 | 174.2 | 64.42 | 174.2 | 64.77 | 170.8 | 62.30 |
|        | -11.8             | -13      | 180.9                     | 63.85 | 180.9 | 64.10 | 179.6 | 64.34 | 179.6 | 64.69 | 179.6 | 63.01 | 176.7 | 60.66 |
|        | -9.8              | -11      | 186.8                     | 64.12 | 186.8 | 64.38 | 185.8 | 64.60 | 185.8 | 62.85 | 185.8 | 61.22 | 183.0 | 58.97 |
|        | -9.5              | -10      | 187.9                     | 64.17 | 187.9 | 64.40 | 186.8 | 64.31 | 186.8 | 62.57 | 186.7 | 60.95 | 183.9 | 58.72 |
|        | -8.5              | -9.1     | 191.6                     | 64.29 | 191.6 | 64.55 | 190.3 | 63.37 | 190.3 | 61.66 | 189.4 | 60.05 | 187.2 | 57.87 |
|        | -7                | -7.6     | 197.1                     | 64.49 | 197.1 | 63.17 | 195.8 | 61.97 | 195.8 | 60.27 | 195.8 | 58.70 | 192.0 | 56.58 |
|        | -5                | -5.6     | 204.2                     | 62.79 | 204.2 | 61.43 | 203.0 | 60.21 | 203.0 | 58.54 | 203.0 | 56.96 | 198.2 | 54.97 |
|        | -3                | -3.7     | 211.5                     | 61.08 | 211.5 | 59.66 | 210.2 | 58.39 | 210.2 | 56.77 | 210.2 | 55.23 | 204.5 | 53.34 |
|        | 0                 | -0.7     | 222.2                     | 58.56 | 222.2 | 57.07 | 221.0 | 55.70 | 221.0 | 54.15 | 221.0 | 52.65 | 206.2 | 49.01 |
|        | 3                 | 2.2      | 233.3                     | 56.02 | 233.3 | 54.44 | 231.8 | 53.04 | 229.6 | 51.04 | 221.6 | 47.87 | 206.2 | 45.97 |
|        | 5                 | 4.1      | 223.6                     | 48.69 | 222.7 | 46.99 | 221.0 | 45.67 | 215.1 | 43.16 | 206.8 | 41.28 | 191.4 | 39.76 |
|        | 7                 | 6        | 210.5                     | 41.50 | 208.8 | 39.84 | 206.2 | 38.41 | 200.0 | 36.80 | 191.7 | 35.51 | 176.0 | 34.00 |
|        | 9                 | 7.9      | 197.0                     | 36.15 | 194.3 | 34.51 | 190.8 | 33.00 | 184.4 | 31.75 | 176.1 | 30.52 | 160.3 | 29.01 |
|        | 11                | 9.8      | 183.3                     | 31.63 | 179.5 | 30.01 | 174.9 | 28.53 | 168.2 | 27.35 | 160.1 | 26.19 | 143.9 | 24.66 |
|        | 13                | 11.8     | 168.8                     | 27.31 | 164.2 | 25.78 | 158.4 | 24.29 | 151.6 | 23.21 | 143.3 | 22.12 | 127.0 | 20.60 |
|        | 15                | 13.7     | 154.0                     | 23.27 | 148.2 | 21.79 | 141.5 | 20.37 | 134.5 | 19.38 | 125.9 | 18.37 | 109.6 | 16.90 |
| 120    | -30               | -30.2    | 73.00                     | 61.68 | 73.00 | 61.92 | 72.50 | 62.26 | 72.50 | 62.64 | 72.50 | 63.11 | 71.00 | 63.52 |
|        | -24.8             | -25      | 121.6                     | 62.39 | 121.6 | 62.62 | 120.8 | 62.97 | 120.8 | 63.31 | 120.8 | 63.81 | 118.4 | 64.19 |
|        | -21.8             | -22      | 146.9                     | 62.80 | 146.9 | 63.04 | 145.8 | 63.38 | 145.8 | 63.69 | 145.8 | 64.23 | 143.1 | 64.57 |
|        | -19.8             | -20      | 154.2                     | 63.07 | 154.2 | 63.29 | 153.2 | 63.64 | 153.2 | 63.96 | 153.2 | 64.48 | 150.2 | 64.82 |
|        | -18.8             | -19      | 157.5                     | 63.20 | 157.5 | 63.42 | 156.4 | 63.76 | 156.4 | 64.09 | 156.4 | 64.61 | 153.6 | 64.97 |
|        | -16.7             | -17      | 164.3                     | 63.48 | 164.3 | 63.70 | 163.2 | 64.04 | 163.2 | 64.35 | 163.2 | 64.89 | 160.0 | 63.28 |
|        | -15               | -15.9    | 169.1                     | 63.66 | 169.1 | 63.88 | 168.0 | 64.22 | 168.0 | 64.55 | 168.0 | 63.64 | 164.8 | 62.09 |
|        | -13.7             | -15      | 173.8                     | 63.86 | 173.8 | 64.08 | 172.8 | 64.42 | 172.8 | 64.77 | 172.8 | 62.39 | 169.6 | 60.93 |
|        | -11.8             | -13      | 179.6                     | 64.10 | 179.6 | 64.34 | 178.3 | 64.69 | 178.3 | 63.01 | 178.3 | 60.86 | 175.6 | 59.41 |
|        | -9.8              | -11      | 185.3                     | 64.38 | 185.3 | 64.60 | 184.2 | 62.77 | 184.2 | 61.19 | 184.2 | 59.21 | 181.8 | 57.86 |
|        | -9.5              | -10      | 186.7                     | 64.40 | 186.7 | 64.30 | 185.3 | 62.49 | 185.3 | 60.92 | 185.3 | 58.95 | 182.7 | 57.62 |
|        | -8.5              | -9.1     | 190.0                     | 64.55 | 190.0 | 63.28 | 189.1 | 61.53 | 189.1 | 60.01 | 188.9 | 58.15 | 186.0 | 56.83 |
|        | -7                | -7.6     | 195.5                     | 63.06 | 195.5 | 61.78 | 194.3 | 60.13 | 194.3 | 58.65 | 193.9 | 56.92 | 190.4 | 55.63 |
|        | -5                | -5.6     | 202.9                     | 61.12 | 202.9 | 59.84 | 201.4 | 58.27 | 201.4 | 56.88 | 201.4 | 55.36 | 193.7 | 53.25 |
|        | -3                | -3.7     | 210.0                     | 59.21 | 210.0 | 57.94 | 208.8 | 56.46 | 208.8 | 55.15 | 208.5 | 53.76 | 193.7 | 50.17 |
|        | 0                 | -0.7     | 220.8                     | 56.35 | 220.8 | 55.04 | 219.4 | 53.73 | 215.2 | 51.52 | 208.5 | 48.88 | 193.7 | 47.86 |
|        | 3                 | 2.2      | 231.8                     | 53.46 | 231.7 | 52.13 | 222.7 | 49.34 | 215.2 | 47.38 | 208.5 | 46.62 | 193.7 | 45.71 |
|        | 5                 | 4.1      | 221.8                     | 46.25 | 218.4 | 44.36 | 209.1 | 42.28 | 201.5 | 41.34 | 194.6 | 40.71 | 179.8 | 39.69 |
|        | 7                 | 6        | 208.8                     | 39.20 | 204.8 | 37.67 | 194.9 | 36.57 | 187.4 | 35.69 | 180.4 | 35.16 | 165.3 | 34.09 |
|        | 9                 | 7.9      | 195.5                     | 34.14 | 190.8 | 32.77 | 180.4 | 31.65 | 172.8 | 30.79 | 165.8 | 30.21 | 150.5 | 29.08 |
|        | 11                | 9.8      | 181.8                     | 29.84 | 176.3 | 28.49 | 165.3 | 27.33 | 157.8 | 26.49 | 150.5 | 25.90 | 135.2 | 24.73 |
|        | 13                | 11.8     | 167.6                     | 25.76 | 161.2 | 24.46 | 149.9 | 23.30 | 142.1 | 22.48 | 134.8 | 21.89 | 119.4 | 20.69 |
|        | 15                | 13.7     | 152.8                     | 21.93 | 145.6 | 20.67 | 133.7 | 19.55 | 125.9 | 18.78 | 118.6 | 18.18 | 102.9 | 16.99 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 72.70                     | 61.92 | 72.70 | 62.26 | 72.10 | 62.64 | 72.10 | 63.11 | 72.10 | 63.52 | 70.70 | 63.63 |
|        | -24.8             | -25      | 121.0                     | 62.62 | 121.0 | 62.97 | 120.2 | 63.31 | 120.2 | 63.81 | 120.2 | 64.19 | 117.8 | 64.34 |
|        | -21.8             | -22      | 145.9                     | 63.04 | 145.9 | 63.38 | 144.9 | 63.69 | 144.9 | 64.23 | 144.9 | 64.57 | 142.3 | 64.75 |
|        | -19.8             | -20      | 153.4                     | 63.29 | 153.4 | 63.64 | 152.4 | 63.96 | 152.4 | 64.48 | 152.4 | 64.82 | 149.3 | 65.01 |
|        | -18.8             | -19      | 156.5                     | 63.42 | 156.5 | 63.76 | 155.6 | 64.09 | 155.6 | 64.61 | 155.6 | 64.97 | 152.6 | 64.12 |
|        | -16.7             | -17      | 163.4                     | 63.70 | 163.4 | 64.04 | 162.1 | 64.35 | 162.1 | 64.89 | 162.1 | 63.16 | 159.1 | 62.28 |
|        | -15               | -15.9    | 168.0                     | 63.88 | 168.0 | 64.22 | 166.9 | 64.55 | 166.9 | 63.52 | 166.9 | 61.89 | 165.4 | 60.96 |
|        | -13.7             | -15      | 172.8                     | 64.08 | 172.8 | 64.42 | 171.7 | 64.77 | 171.7 | 62.16 | 171.7 | 60.61 | 171.7 | 59.66 |
|        | -11.8             | -13      | 178.4                     | 64.34 | 178.4 | 64.69 | 177.4 | 62.84 | 177.4 | 60.46 | 177.4 | 58.99 | 174.3 | 56.97 |
|        | -9.8              | -11      | 184.4                     | 64.60 | 184.4 | 62.55 | 183.3 | 60.85 | 183.3 | 58.66 | 183.3 | 57.29 | 174.3 | 53.97 |
|        | -9.5              | -10      | 185.3                     | 64.25 | 185.3 | 62.22 | 184.4 | 60.56 | 184.4 | 58.41 | 184.4 | 57.03 | 174.3 | 53.17 |
|        | -8.5              | -9.1     | 189.1                     | 63.11 | 189.1 | 61.15 | 188.0 | 59.57 | 188.0 | 57.49 | 186.7 | 55.81 | 174.3 | 52.34 |
|        | -7                | -7.6     | 194.6                     | 61.38 | 194.6 | 59.54 | 193.4 | 58.06 | 193.2 | 56.10 | 186.7 | 53.05 | 174.3 | 51.12 |
|        | -5                | -5.6     | 201.6                     | 59.17 | 201.6 | 57.51 | 199.8 | 56.01 | 193.2 | 52.49 | 186.7 | 50.59 | 174.3 | 49.53 |
|        | -3                | -3.7     | 208.8                     | 56.95 | 208.8 | 55.45 | 199.8 | 52.22 | 193.2 | 50.03 | 186.7 | 49.04 | 174.3 | 47.96 |
|        | 0                 | -0.7     | 219.4                     | 53.64 | 212.9 | 50.81 | 199.8 | 48.77 | 193.2 | 47.58 | 186.7 | 46.74 | 174.3 | 45.58 |
|        | 3                 | 2.2      | 225.3                     | 49.23 | 212.9 | 46.79 | 199.8 | 46.03 | 193.2 | 45.16 | 186.7 | 44.44 | 174.3 | 43.23 |
|        | 5                 | 4.1      | 213.4                     | 41.75 | 200.7 | 40.86 | 187.6 | 40.13 | 181.0 | 39.38 | 174.3 | 38.71 | 161.8 | 37.36 |
|        | 7                 | 6        | 200.9                     | 36.17 | 188.2 | 35.34 | 174.9 | 34.64 | 168.2 | 34.03 | 161.5 | 33.41 | 148.8 | 31.98 |
|        | 9                 | 7.9      | 188.1                     | 31.54 | 175.2 | 30.67 | 161.8 | 29.89 | 155.2 | 29.28 | 148.4 | 28.66 | 135.4 | 27.21 |
|        | 11                | 9.8      | 174.8                     | 27.49 | 161.9 | 26.59 | 148.5 | 25.75 | 141.6 | 25.13 | 134.8 | 24.51 | 121.8 | 23.09 |
|        | 13                | 11.8     | 161.2                     | 23.66 | 148.2 | 22.75 | 134.5 | 21.89 | 127.6 | 21.29 | 120.8 | 20.68 | 107.3 | 19.30 |
|        | 15                | 13.7     | 147.0                     | 20.07 | 133.7 | 19.19 | 120.0 | 18.32 | 113.1 | 17.76 | 106.1 | 17.15 | 92.50 | 15.84 |
| 100    | -30               | -30.2    | 72.10                     | 68.48 | 72.10 | 68.23 | 71.80 | 59.39 | 71.80 | 67.43 | 71.80 | 66.00 | 70.40 | 66.97 |
|        | -24.8             | -25      | 120.4                     | 67.48 | 120.4 | 67.20 | 119.8 | 62.62 | 119.8 | 66.43 | 119.8 | 66.14 | 117.2 | 65.97 |
|        | -21.8             | -22      | 145.2                     | 66.92 | 145.2 | 66.60 | 144.3 | 64.47 | 144.3 | 65.87 | 144.3 | 66.21 | 141.7 | 65.41 |
|        | -19.8             | -20      | 152.7                     | 66.52 | 152.7 | 66.22 | 151.6 | 65.61 | 151.6 | 65.46 | 151.6 | 65.39 | 148.8 | 65.01 |
|        | -18.8             | -19      | 155.9                     | 66.32 | 155.0 | 66.04 | 155.0 | 65.73 | 155.0 | 65.26 | 155.0 | 64.97 | 152.0 | 63.94 |
|        | -16.7             | -17      | 161.5                     | 65.93 | 161.5 | 65.61 | 161.5 | 65.99 | 160.7 | 64.89 | 160.7 | 62.77 | 157.7 | 61.72 |
|        | -15               | -15.9    | 166.9                     | 65.62 | 166.9 | 65.32 | 166.3 | 65.37 | 166.0 | 63.29 | 166.0 | 61.19 | 159.2 | 58.83 |
|        | -13.7             | -15      | 172.0                     | 65.33 | 172.0 | 65.05 | 171.1 | 64.77 | 171.1 | 61.70 | 171.1 | 59.63 | 159.2 | 55.55 |
|        | -11.8             | -13      | 177.5                     | 64.99 | 176.6 | 64.69 | 176.6 | 62.64 | 176.6 | 59.70 | 171.1 | 55.86 | 159.2 | 53.63 |
|        | -9.8              | -11      | 183.5                     | 64.60 | 183.5 | 62.32 | 182.7 | 60.42 | 176.9 | 55.76 | 171.1 | 52.75 | 159.2 | 51.63 |
|        | -9.5              | -10      | 184.4                     | 64.22 | 184.4 | 61.94 | 182.7 | 59.75 | 176.9 | 55.17 | 171.1 | 52.46 | 159.2 | 51.33 |
|        | -8.5              | -9.1     | 188.2                     | 63.00 | 188.2 | 60.78 | 182.7 | 57.54 | 176.9 | 53.35 | 171.1 | 51.46 | 159.2 | 50.32 |
|        | -7                | -7.6     | 196.6                     | 61.12 | 194.3 | 58.53 | 182.7 | 54.36 | 176.9 | 51.86 | 171.1 | 50.00 | 159.2 | 48.82 |
|        | -5                | -5.6     | 205.4                     | 58.75 | 194.3 | 54.22 | 182.7 | 52.34 | 176.9 | 49.93 | 171.1 | 48.11 | 159.2 | 46.91 |
|        | -3                | -3.7     | 206.2                     | 55.04 | 194.3 | 51.67 | 182.7 | 50.32 | 176.9 | 48.01 | 171.1 | 46.21 | 159.2 | 44.98 |
|        | 0                 | -0.7     | 206.2                     | 50.09 | 194.3 | 48.41 | 182.7 | 47.25 | 176.9 | 45.12 | 171.1 | 43.35 | 159.2 | 42.08 |
|        | 3                 | 2.2      | 206.2                     | 46.68 | 194.3 | 45.17 | 182.7 | 44.20 | 176.9 | 42.24 | 171.1 | 40.53 | 159.2 | 39.17 |
|        | 5                 | 4.1      | 195.2                     | 40.68 | 183.3 | 39.24 | 171.4 | 38.30 | 165.6 | 36.54 | 159.8 | 34.93 | 147.6 | 33.47 |
|        | 7                 | 6        | 183.9                     | 35.12 | 171.7 | 33.76 | 160.0 | 32.86 | 154.0 | 31.29 | 148.2 | 29.80 | 136.0 | 28.29 |
|        | 9                 | 7.9      | 172.0                     | 30.41 | 160.0 | 29.12 | 147.9 | 28.21 | 142.1 | 26.76 | 136.0 | 25.40 | 123.8 | 23.96 |
|        | 11                | 9.8      | 160.1                     | 26.34 | 147.9 | 25.05 | 135.7 | 24.14 | 129.6 | 22.83 | 123.5 | 21.58 | 111.1 | 20.21 |
|        | 13                | 11.8     | 147.4                     | 22.51 | 135.1 | 21.30 | 123.0 | 20.38 | 116.9 | 19.21 | 110.7 | 18.10 | 98.00 | 16.79 |
|        | 15                | 13.7     | 134.5                     | 18.95 | 122.1 | 17.84 | 109.7 | 16.93 | 103.5 | 15.93 | 97.40 | 14.91 | 84.60 | 13.73 |
| 90     | -30               | -30.2    | 72.10                     | 60.43 | 72.10 | 60.91 | 71.60 | 61.28 | 71.60 | 61.44 | 71.60 | 61.84 | 70.10 | 67.95 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 120.1                     | 61.11 | 120.1 | 61.63 | 119.3 | 61.99 | 119.3 | 62.16 | 119.3 | 62.51 | 116.9 | 63.03 |
|        | -21.8             | -22      | 144.6                     | 61.49 | 144.6 | 62.03 | 143.7 | 62.40 | 143.7 | 62.56 | 143.7 | 62.92 | 141.1 | 60.19 |
|        | -19.8             | -20      | 152.1                     | 61.79 | 152.1 | 62.28 | 151.0 | 62.67 | 151.0 | 62.83 | 151.0 | 60.98 | 145.6 | 57.26 |
|        | -18.8             | -19      | 155.9                     | 61.92 | 155.0 | 62.43 | 154.4 | 62.78 | 154.4 | 61.83 | 154.4 | 60.01 | 145.6 | 55.23 |
|        | -16.7             | -17      | 161.5                     | 62.20 | 161.5 | 62.70 | 160.9 | 60.73 | 160.9 | 59.75 | 156.9 | 56.58 | 145.6 | 52.60 |
|        | -15               | -15.9    | 166.9                     | 62.38 | 166.9 | 61.19 | 165.7 | 59.28 | 162.1 | 57.02 | 156.9 | 54.42 | 145.6 | 51.27 |
|        | -13.7             | -15      | 172.0                     | 62.58 | 172.0 | 59.66 | 167.1 | 56.67 | 162.1 | 54.02 | 156.9 | 52.33 | 145.6 | 49.95 |
|        | -11.8             | -13      | 177.5                     | 60.52 | 176.6 | 57.75 | 167.1 | 53.16 | 162.1 | 52.15 | 156.9 | 50.61 | 145.6 | 48.26 |
|        | -9.8              | -11      | 183.5                     | 58.35 | 177.5 | 53.91 | 167.1 | 51.30 | 162.1 | 50.28 | 156.9 | 48.81 | 145.6 | 46.51 |
|        | -9.5              | -10      | 184.4                     | 58.01 | 177.5 | 53.34 | 167.1 | 51.02 | 162.1 | 50.00 | 156.9 | 48.55 | 145.6 | 46.25 |
|        | -8.5              | -9.1     | 188.2                     | 56.94 | 177.5 | 51.76 | 167.1 | 50.12 | 162.1 | 49.09 | 156.9 | 47.64 | 145.6 | 45.36 |
|        | -7                | -7.6     | 188.8                     | 53.08 | 177.5 | 50.25 | 167.1 | 48.74 | 162.1 | 47.71 | 156.9 | 46.29 | 145.6 | 44.04 |
|        | -5                | -5.6     | 188.8                     | 50.50 | 177.5 | 48.43 | 167.1 | 46.98 | 162.1 | 45.90 | 156.9 | 44.55 | 145.6 | 42.36 |
|        | -3                | -3.7     | 188.8                     | 48.53 | 177.5 | 46.59 | 167.1 | 45.22 | 162.1 | 44.11 | 156.9 | 42.80 | 145.6 | 40.64 |
|        | 0                 | -0.7     | 188.8                     | 45.54 | 177.5 | 43.82 | 167.1 | 42.58 | 162.1 | 41.43 | 156.9 | 40.21 | 145.6 | 38.10 |
|        | 3                 | 2.2      | 188.8                     | 42.57 | 177.5 | 41.08 | 167.1 | 39.93 | 162.1 | 38.74 | 156.9 | 37.59 | 145.6 | 35.56 |
|        | 5                 | 4.1      | 178.7                     | 37.23 | 167.4 | 35.87 | 156.9 | 34.74 | 151.7 | 33.56 | 146.5 | 32.46 | 135.1 | 30.50 |
|        | 7                 | 6        | 168.2                     | 32.25 | 156.9 | 31.04 | 146.2 | 29.93 | 141.2 | 28.78 | 135.7 | 27.79 | 124.4 | 25.91 |
|        | 9                 | 7.9      | 157.5                     | 27.80 | 146.2 | 26.63 | 135.4 | 25.57 | 130.2 | 24.49 | 124.7 | 23.56 | 113.1 | 21.83 |
|        | 11                | 9.8      | 146.5                     | 23.69 | 134.9 | 22.60 | 124.1 | 21.57 | 118.9 | 20.62 | 113.4 | 19.77 | 101.6 | 18.18 |
|        | 13                | 11.8     | 135.1                     | 19.98 | 123.5 | 18.95 | 112.5 | 17.99 | 107.0 | 17.13 | 101.5 | 16.38 | 89.60 | 14.92 |
|        | 15                | 13.7     | 123.2                     | 16.62 | 111.4 | 15.68 | 100.4 | 14.78 | 94.80 | 14.03 | 89.30 | 13.35 | 77.40 | 12.09 |
| 80     | -30               | -30.2    | 71.60                     | 53.32 | 71.60 | 53.86 | 71.20 | 54.27 | 71.20 | 53.80 | 71.20 | 60.35 | 69.80 | 57.78 |
|        | -24.8             | -25      | 119.5                     | 54.06 | 119.5 | 54.60 | 118.6 | 54.97 | 118.6 | 55.13 | 118.6 | 56.01 | 116.3 | 53.62 |
|        | -21.8             | -22      | 143.2                     | 54.49 | 143.2 | 55.01 | 143.2 | 55.38 | 143.0 | 55.82 | 139.8 | 52.27 | 130.2 | 48.62 |
|        | -19.8             | -20      | 150.4                     | 54.77 | 150.4 | 55.29 | 149.6 | 55.52 | 145.0 | 52.17 | 139.8 | 49.20 | 130.2 | 47.08 |
|        | -18.8             | -19      | 153.8                     | 54.92 | 153.8 | 55.78 | 149.6 | 53.46 | 145.0 | 50.55 | 139.8 | 48.44 | 130.2 | 46.36 |
|        | -16.7             | -17      | 157.7                     | 55.72 | 157.7 | 53.93 | 149.6 | 50.37 | 145.0 | 48.82 | 139.8 | 46.78 | 130.2 | 44.78 |
|        | -15               | -15.9    | 161.2                     | 54.34 | 159.2 | 52.47 | 149.6 | 49.10 | 145.0 | 47.56 | 139.8 | 45.61 | 130.2 | 43.63 |
|        | -13.7             | -15      | 164.7                     | 52.99 | 159.2 | 50.52 | 149.6 | 47.84 | 145.0 | 46.32 | 139.8 | 44.45 | 130.2 | 42.51 |
|        | -11.8             | -13      | 169.0                     | 51.14 | 159.2 | 48.08 | 149.6 | 46.25 | 145.0 | 44.78 | 139.8 | 42.96 | 130.2 | 41.10 |
|        | -9.8              | -11      | 169.0                     | 48.06 | 159.2 | 45.84 | 149.6 | 44.61 | 145.0 | 43.12 | 139.8 | 41.40 | 130.2 | 39.60 |
|        | -9.5              | -10      | 169.0                     | 47.48 | 159.2 | 45.32 | 149.6 | 44.35 | 145.0 | 42.89 | 139.8 | 41.17 | 130.2 | 39.38 |
|        | -8.5              | -9.1     | 169.0                     | 46.23 | 159.2 | 44.39 | 149.6 | 43.52 | 145.0 | 42.06 | 139.8 | 40.40 | 130.2 | 38.65 |
|        | -7                | -7.6     | 169.0                     | 44.53 | 159.2 | 43.14 | 149.6 | 42.27 | 145.0 | 40.82 | 139.8 | 39.25 | 130.2 | 37.52 |
|        | -5                | -5.6     | 169.0                     | 42.86 | 159.2 | 41.56 | 149.6 | 40.67 | 145.0 | 39.26 | 139.8 | 37.73 | 130.2 | 36.10 |
|        | -3                | -3.7     | 169.0                     | 41.21 | 159.2 | 39.95 | 149.6 | 39.07 | 145.0 | 37.66 | 139.8 | 36.24 | 130.2 | 34.64 |
|        | 0                 | -0.7     | 169.0                     | 38.72 | 159.2 | 37.56 | 149.6 | 36.66 | 145.0 | 35.29 | 139.8 | 33.99 | 130.2 | 32.49 |
|        | 3                 | 2.2      | 169.0                     | 36.24 | 159.2 | 35.17 | 149.6 | 34.24 | 145.0 | 32.91 | 139.8 | 31.77 | 130.2 | 30.36 |
|        | 5                 | 4.1      | 160.0                     | 31.77 | 150.2 | 30.73 | 140.4 | 29.78 | 135.7 | 28.50 | 130.5 | 27.49 | 120.9 | 26.09 |
|        | 7                 | 6        | 150.7                     | 27.62 | 140.7 | 26.61 | 131.0 | 25.63 | 126.2 | 24.45 | 121.0 | 23.53 | 111.1 | 22.23 |
|        | 9                 | 7.9      | 141.1                     | 23.54 | 131.1 | 22.59 | 121.2 | 21.65 | 116.3 | 20.60 | 111.1 | 19.77 | 101.2 | 18.57 |
|        | 11                | 9.8      | 131.1                     | 19.69 | 121.2 | 18.82 | 111.1 | 17.95 | 106.2 | 17.01 | 100.9 | 16.29 | 90.80 | 15.18 |
|        | 13                | 11.8     | 120.9                     | 16.43 | 110.8 | 15.63 | 100.6 | 14.82 | 95.70 | 14.02 | 90.50 | 13.38 | 80.30 | 12.36 |
|        | 15                | 13.7     | 110.2                     | 13.72 | 100.0 | 12.98 | 89.90 | 12.23 | 84.90 | 11.54 | 79.50 | 10.96 | 69.10 | 10.06 |
| 70     | -30               | -30.2    | 71.60                     | 53.01 | 71.60 | 53.22 | 71.20 | 53.57 | 71.20 | 59.50 | 71.20 | 56.62 | 69.20 | 54.02 |
|        | -24.8             | -25      | 119.5                     | 53.76 | 119.5 | 53.93 | 118.6 | 54.29 | 118.6 | 54.79 | 117.6 | 51.78 | 111.3 | 48.01 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 135.1                     | 54.18 | 135.1 | 54.34 | 127.3 | 51.91 | 123.0 | 49.45 | 119.2 | 47.13 | 111.3 | 44.88 |
|        | -19.8             | -20      | 143.1                     | 53.56 | 135.4 | 51.84 | 127.3 | 50.10 | 123.0 | 47.72 | 119.2 | 45.53 | 111.3 | 43.34 |
|        | -18.8             | -19      | 143.3                     | 52.27 | 135.4 | 50.93 | 127.3 | 49.21 | 123.0 | 46.87 | 119.2 | 44.72 | 111.3 | 42.57 |
|        | -16.7             | -17      | 143.3                     | 49.90 | 135.4 | 48.96 | 127.3 | 47.32 | 123.0 | 45.08 | 119.2 | 43.05 | 111.3 | 40.94 |
|        | -15               | -15.9    | 143.3                     | 48.52 | 135.4 | 47.58 | 127.3 | 45.97 | 123.0 | 43.79 | 119.2 | 41.85 | 111.3 | 39.80 |
|        | -13.7             | -15      | 143.3                     | 47.14 | 135.4 | 46.20 | 127.3 | 44.65 | 123.0 | 42.53 | 119.2 | 40.67 | 111.3 | 38.65 |
|        | -11.8             | -13      | 143.3                     | 45.39 | 135.4 | 44.44 | 127.3 | 42.95 | 123.0 | 40.92 | 119.2 | 39.16 | 111.3 | 37.19 |
|        | -9.8              | -11      | 143.3                     | 43.60 | 135.4 | 42.59 | 127.3 | 41.18 | 123.0 | 39.24 | 119.2 | 37.58 | 111.3 | 35.67 |
|        | -9.5              | -10      | 143.3                     | 43.31 | 135.4 | 42.32 | 127.3 | 40.90 | 123.0 | 38.98 | 119.2 | 37.35 | 111.3 | 35.44 |
|        | -8.5              | -9.1     | 143.3                     | 42.40 | 135.4 | 41.41 | 127.3 | 40.03 | 123.0 | 38.15 | 119.2 | 36.55 | 111.3 | 34.69 |
|        | -7                | -7.6     | 143.3                     | 41.05 | 135.4 | 40.04 | 127.3 | 38.70 | 123.0 | 36.89 | 119.2 | 35.38 | 111.3 | 33.53 |
|        | -5                | -5.6     | 143.3                     | 39.29 | 135.4 | 38.25 | 127.3 | 36.97 | 123.0 | 35.25 | 119.2 | 33.85 | 111.3 | 32.08 |
|        | -3                | -3.7     | 143.3                     | 37.53 | 135.4 | 36.48 | 127.3 | 35.26 | 123.0 | 33.61 | 119.2 | 32.31 | 111.3 | 30.60 |
|        | 0                 | -0.7     | 143.3                     | 34.88 | 135.4 | 33.81 | 127.3 | 32.68 | 123.0 | 31.17 | 119.2 | 30.01 | 111.3 | 28.39 |
|        | 3                 | 2.2      | 143.3                     | 32.24 | 135.4 | 31.14 | 127.3 | 30.09 | 123.0 | 28.70 | 119.2 | 27.74 | 111.3 | 26.16 |
|        | 5                 | 4.1      | 135.7                     | 28.06 | 127.6 | 26.93 | 119.5 | 25.95 | 115.2 | 24.72 | 111.3 | 23.85 | 103.2 | 22.35 |
|        | 7                 | 6        | 127.7                     | 24.21 | 119.7 | 23.08 | 111.4 | 22.14 | 107.1 | 21.04 | 103.2 | 20.33 | 95.10 | 18.91 |
|        | 9                 | 7.9      | 119.5                     | 19.91 | 111.4 | 18.91 | 103.2 | 18.03 | 98.70 | 17.12 | 94.80 | 16.49 | 86.40 | 15.25 |
|        | 11                | 9.8      | 111.1                     | 16.75 | 102.9 | 15.84 | 94.50 | 15.07 | 90.20 | 14.25 | 86.10 | 13.68 | 77.70 | 12.57 |
|        | 13                | 11.8     | 102.4                     | 14.08 | 94.20 | 13.25 | 85.60 | 12.54 | 81.20 | 11.83 | 77.10 | 11.34 | 68.70 | 10.34 |
|        | 15                | 13.7     | 93.40                     | 11.83 | 85.00 | 11.08 | 76.50 | 10.44 | 72.00 | 9.81  | 67.80 | 9.37  | 59.10 | 8.51  |
| 60     | -30               | -30.2    | 69.60                     | 52.61 | 69.60 | 52.96 | 69.00 | 59.37 | 66.70 | 56.18 | 64.40 | 53.23 | 60.30 | 50.63 |
|        | -24.8             | -25      | 115.7                     | 53.36 | 115.7 | 53.71 | 109.1 | 51.49 | 105.5 | 48.80 | 101.8 | 46.28 | 95.40 | 43.94 |
|        | -21.8             | -22      | 123.0                     | 53.34 | 116.3 | 51.38 | 109.1 | 48.71 | 105.5 | 46.20 | 101.8 | 43.86 | 95.40 | 41.57 |
|        | -19.8             | -20      | 123.0                     | 51.32 | 116.3 | 49.43 | 109.1 | 46.86 | 105.5 | 44.46 | 101.8 | 42.21 | 95.40 | 40.00 |
|        | -18.8             | -19      | 123.0                     | 50.32 | 116.3 | 48.45 | 109.1 | 45.96 | 105.5 | 43.62 | 101.8 | 41.40 | 95.40 | 39.21 |
|        | -16.7             | -17      | 123.0                     | 48.25 | 116.3 | 46.40 | 109.1 | 44.00 | 105.5 | 41.80 | 101.8 | 39.71 | 95.40 | 37.58 |
|        | -15               | -15.9    | 123.0                     | 46.79 | 116.3 | 44.94 | 109.1 | 42.63 | 105.5 | 40.52 | 101.8 | 38.49 | 95.40 | 36.41 |
|        | -13.7             | -15      | 123.0                     | 45.33 | 116.3 | 43.50 | 109.1 | 41.26 | 105.5 | 39.23 | 101.8 | 37.29 | 95.40 | 35.24 |
|        | -11.8             | -13      | 123.0                     | 43.46 | 116.3 | 41.65 | 109.1 | 39.52 | 105.5 | 37.60 | 101.8 | 35.76 | 95.40 | 33.77 |
|        | -9.8              | -11      | 123.0                     | 41.50 | 116.3 | 39.71 | 109.1 | 37.71 | 105.5 | 35.89 | 101.8 | 34.15 | 95.40 | 32.22 |
|        | -9.5              | -10      | 123.0                     | 41.21 | 116.3 | 39.43 | 109.1 | 37.45 | 105.5 | 35.63 | 101.8 | 33.90 | 95.40 | 31.99 |
|        | -8.5              | -9.1     | 123.0                     | 40.24 | 116.3 | 38.48 | 109.1 | 36.54 | 105.5 | 34.80 | 101.8 | 33.12 | 95.40 | 31.22 |
|        | -7                | -7.6     | 123.0                     | 38.80 | 116.3 | 37.05 | 109.1 | 35.17 | 105.5 | 33.52 | 101.8 | 31.92 | 95.40 | 30.06 |
|        | -5                | -5.6     | 123.0                     | 36.89 | 116.3 | 35.16 | 109.1 | 33.42 | 105.5 | 31.86 | 101.8 | 30.36 | 95.40 | 28.57 |
|        | -3                | -3.7     | 123.0                     | 35.02 | 116.3 | 33.29 | 109.1 | 31.65 | 105.5 | 30.20 | 101.8 | 28.79 | 95.40 | 27.06 |
|        | 0                 | -0.7     | 123.0                     | 32.16 | 116.3 | 30.47 | 109.1 | 28.99 | 105.5 | 27.72 | 101.8 | 26.47 | 95.40 | 24.80 |
|        | 3                 | 2.2      | 123.0                     | 29.33 | 116.3 | 27.67 | 109.1 | 26.34 | 105.5 | 25.23 | 101.8 | 24.13 | 95.40 | 22.55 |
|        | 5                 | 4.1      | 116.4                     | 25.32 | 109.6 | 23.74 | 102.4 | 22.53 | 98.80 | 21.57 | 95.10 | 20.62 | 88.50 | 19.13 |
|        | 7                 | 6        | 109.7                     | 21.63 | 102.9 | 20.13 | 95.50 | 19.06 | 91.90 | 18.24 | 88.10 | 17.41 | 81.50 | 16.06 |
|        | 9                 | 7.9      | 102.7                     | 17.64 | 95.70 | 16.35 | 88.50 | 15.40 | 84.70 | 14.74 | 80.90 | 14.03 | 74.20 | 12.86 |
|        | 11                | 9.8      | 95.40                     | 14.94 | 88.50 | 13.81 | 81.00 | 12.96 | 77.40 | 12.38 | 73.40 | 11.76 | 66.70 | 10.71 |
|        | 13                | 11.8     | 87.90                     | 12.63 | 80.90 | 11.62 | 73.40 | 10.90 | 69.60 | 10.36 | 65.80 | 9.82  | 58.80 | 8.91  |
|        | 15                | 13.7     | 80.30                     | 10.70 | 73.10 | 9.82  | 65.60 | 9.16  | 61.70 | 8.68  | 58.00 | 8.23  | 50.70 | 7.41  |
| 50     | -30               | -30.2    | 64.90                     | 45.52 | 61.20 | 51.19 | 57.40 | 48.47 | 55.70 | 45.94 | 53.70 | 43.46 | 50.20 | 41.32 |
|        | -24.8             | -25      | 102.6                     | 43.90 | 96.80 | 44.38 | 91.00 | 42.04 | 88.10 | 39.86 | 85.00 | 37.79 | 79.20 | 35.85 |
|        | -21.8             | -22      | 102.6                     | 44.30 | 96.80 | 41.98 | 91.00 | 39.77 | 88.10 | 37.71 | 85.00 | 35.79 | 79.20 | 33.92 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 102.6                     | 42.61 | 96.80 | 40.35 | 91.00 | 38.26 | 88.10 | 36.28 | 85.00 | 34.46 | 79.20 | 32.63 |
|        | -18.8             | -19      | 102.6                     | 41.77 | 96.80 | 39.54 | 91.00 | 37.54 | 88.10 | 35.57 | 85.00 | 33.80 | 79.20 | 32.03 |
|        | -16.7             | -17      | 102.6                     | 40.02 | 96.80 | 37.88 | 91.00 | 35.94 | 88.10 | 34.07 | 85.00 | 32.40 | 79.20 | 30.68 |
|        | -15               | -15.9    | 102.6                     | 38.76 | 96.80 | 36.65 | 91.00 | 34.82 | 88.10 | 33.01 | 85.00 | 31.40 | 79.20 | 29.71 |
|        | -13.7             | -15      | 102.6                     | 37.50 | 96.80 | 35.45 | 91.00 | 33.69 | 88.10 | 31.95 | 85.00 | 30.42 | 79.20 | 28.77 |
|        | -11.8             | -13      | 102.6                     | 35.91 | 96.80 | 33.96 | 91.00 | 32.29 | 88.10 | 30.62 | 85.00 | 29.17 | 79.20 | 27.58 |
|        | -9.8              | -11      | 102.6                     | 34.26 | 96.80 | 32.36 | 91.00 | 30.79 | 88.10 | 29.20 | 85.00 | 27.86 | 79.20 | 26.31 |
|        | -9.5              | -10      | 102.6                     | 34.01 | 96.80 | 32.13 | 91.00 | 30.56 | 88.10 | 29.00 | 85.00 | 27.67 | 79.20 | 26.12 |
|        | -8.5              | -9.1     | 102.6                     | 33.20 | 96.80 | 31.33 | 91.00 | 29.84 | 88.10 | 28.31 | 85.00 | 27.02 | 79.20 | 25.49 |
|        | -7                | -7.6     | 102.6                     | 31.93 | 96.80 | 30.15 | 91.00 | 28.73 | 88.10 | 27.24 | 85.00 | 26.03 | 79.20 | 24.55 |
|        | -5                | -5.6     | 102.6                     | 30.32 | 96.80 | 28.61 | 91.00 | 27.29 | 88.10 | 25.90 | 85.00 | 24.77 | 79.20 | 23.33 |
|        | -3                | -3.7     | 102.6                     | 28.73 | 96.80 | 27.06 | 91.00 | 25.83 | 88.10 | 24.51 | 85.00 | 23.49 | 79.20 | 22.09 |
|        | 0                 | -0.7     | 102.6                     | 26.30 | 96.80 | 24.72 | 91.00 | 23.67 | 88.10 | 22.47 | 85.00 | 21.59 | 79.20 | 20.27 |
|        | 3                 | 2.2      | 102.6                     | 23.86 | 96.80 | 22.42 | 91.00 | 21.51 | 88.10 | 20.41 | 85.00 | 19.68 | 79.20 | 18.44 |
|        | 5                 | 4.1      | 97.10                     | 20.59 | 91.30 | 19.25 | 85.50 | 18.46 | 82.60 | 17.48 | 79.50 | 16.88 | 73.40 | 15.71 |
|        | 7                 | 6        | 91.60                     | 17.60 | 85.50 | 16.38 | 79.70 | 15.69 | 76.80 | 14.84 | 73.60 | 14.33 | 67.60 | 13.26 |
|        | 9                 | 7.9      | 85.50                     | 14.60 | 79.70 | 13.53 | 73.60 | 12.93 | 70.70 | 12.20 | 67.60 | 11.75 | 61.50 | 10.83 |
|        | 11                | 9.8      | 79.70                     | 12.47 | 73.60 | 11.52 | 67.50 | 10.97 | 64.60 | 10.33 | 61.50 | 9.94  | 55.40 | 9.10  |
|        | 13                | 11.8     | 73.30                     | 10.63 | 67.30 | 9.80  | 61.20 | 9.30  | 58.20 | 8.75  | 55.10 | 8.39  | 48.80 | 7.66  |
|        | 15                | 13.7     | 66.90                     | 9.10  | 60.80 | 8.38  | 54.70 | 7.91  | 51.60 | 7.42  | 48.40 | 7.12  | 42.10 | 6.46  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM600LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 75.00                     | 65.31 | 75.00 | 65.52 | 74.40 | 65.73 | 74.40 | 66.00 | 74.40 | 66.33 | 72.90 | 66.69 |
|        | -24.8             | -25      | 124.8                     | 65.85 | 124.8 | 66.06 | 123.9 | 66.24 | 123.9 | 66.54 | 123.9 | 66.81 | 121.8 | 67.20 |
|        | -21.8             | -22      | 151.8                     | 66.15 | 151.8 | 66.36 | 150.9 | 66.57 | 150.9 | 66.84 | 150.9 | 67.08 | 147.9 | 67.53 |
|        | -19.8             | -20      | 160.2                     | 66.36 | 160.2 | 66.57 | 159.0 | 66.75 | 159.0 | 67.02 | 159.0 | 67.29 | 156.0 | 67.71 |
|        | -18.8             | -19      | 163.5                     | 66.42 | 163.5 | 66.66 | 162.6 | 66.84 | 162.6 | 67.11 | 162.6 | 67.38 | 159.3 | 67.80 |
|        | -16.7             | -17      | 170.7                     | 66.66 | 170.7 | 66.87 | 169.8 | 67.05 | 169.8 | 67.32 | 169.8 | 67.56 | 166.5 | 68.01 |
|        | -15               | -15.9    | 175.8                     | 66.78 | 175.8 | 66.99 | 174.9 | 67.17 | 174.9 | 67.44 | 174.9 | 67.71 | 171.6 | 66.69 |
|        | -13.7             | -15      | 181.2                     | 66.96 | 181.2 | 67.14 | 180.3 | 67.32 | 180.3 | 67.59 | 180.3 | 67.89 | 176.7 | 65.40 |
|        | -11.8             | -13      | 187.2                     | 67.11 | 187.2 | 67.32 | 185.7 | 67.53 | 185.7 | 67.80 | 185.7 | 66.12 | 183.0 | 63.75 |
|        | -9.8              | -11      | 193.2                     | 67.32 | 193.2 | 67.53 | 192.3 | 67.71 | 192.3 | 65.97 | 192.3 | 64.32 | 189.6 | 62.04 |
|        | -9.5              | -10      | 194.4                     | 67.35 | 194.4 | 67.53 | 193.2 | 67.41 | 193.2 | 65.70 | 193.2 | 64.05 | 190.5 | 61.80 |
|        | -8.5              | -9.1     | 198.3                     | 67.44 | 198.3 | 67.65 | 196.8 | 66.48 | 196.8 | 64.77 | 195.9 | 63.15 | 194.1 | 60.93 |
|        | -7                | -7.6     | 204.0                     | 67.59 | 204.0 | 66.30 | 202.5 | 65.10 | 202.5 | 63.39 | 202.5 | 61.80 | 199.2 | 59.64 |
|        | -5                | -5.6     | 211.2                     | 65.94 | 211.2 | 64.59 | 210.0 | 63.36 | 210.0 | 61.68 | 210.0 | 60.06 | 205.8 | 58.02 |
|        | -3                | -3.7     | 218.7                     | 64.29 | 218.7 | 62.85 | 217.5 | 61.56 | 217.5 | 59.91 | 217.5 | 58.32 | 212.4 | 56.37 |
|        | 0                 | -0.7     | 229.8                     | 61.86 | 229.8 | 60.33 | 228.6 | 58.89 | 228.6 | 57.30 | 228.6 | 55.74 | 213.3 | 51.66 |
|        | 3                 | 2.2      | 241.2                     | 59.40 | 241.2 | 57.75 | 239.7 | 56.28 | 237.6 | 54.21 | 229.2 | 50.85 | 213.3 | 48.84 |
|        | 5                 | 4.1      | 231.3                     | 51.90 | 230.4 | 50.10 | 228.6 | 48.72 | 222.6 | 46.08 | 213.9 | 44.04 | 198.0 | 42.42 |
|        | 7                 | 6        | 217.8                     | 44.49 | 216.0 | 42.72 | 213.3 | 41.19 | 207.0 | 39.45 | 198.3 | 38.07 | 182.1 | 36.45 |
|        | 9                 | 7.9      | 203.7                     | 38.91 | 201.0 | 37.17 | 197.4 | 35.55 | 190.8 | 34.20 | 182.1 | 32.88 | 165.9 | 31.26 |
| 120    | 11                | 9.8      | 189.6                     | 34.23 | 185.7 | 32.49 | 180.9 | 30.90 | 174.0 | 29.61 | 165.6 | 28.35 | 148.8 | 26.70 |
|        | 13                | 11.8     | 174.6                     | 29.70 | 169.8 | 28.05 | 163.8 | 26.43 | 156.9 | 25.26 | 148.2 | 24.06 | 131.4 | 22.41 |
|        | 15                | 13.7     | 159.3                     | 25.44 | 153.3 | 23.82 | 146.4 | 22.26 | 139.2 | 21.18 | 130.2 | 20.07 | 113.4 | 18.45 |
|        | -30               | -30.2    | 74.40                     | 65.52 | 74.40 | 65.73 | 73.80 | 66.00 | 73.80 | 66.33 | 73.80 | 66.69 | 72.30 | 67.05 |
|        | -24.8             | -25      | 123.9                     | 66.06 | 123.9 | 66.24 | 123.0 | 66.54 | 123.0 | 66.81 | 123.0 | 67.20 | 120.6 | 67.53 |
|        | -21.8             | -22      | 150.9                     | 66.36 | 150.9 | 66.57 | 149.7 | 66.84 | 149.7 | 67.08 | 149.7 | 67.53 | 147.0 | 67.80 |
|        | -19.8             | -20      | 159.0                     | 66.57 | 159.0 | 66.75 | 158.1 | 67.02 | 158.1 | 67.29 | 158.1 | 67.71 | 154.8 | 67.98 |
|        | -18.8             | -19      | 162.6                     | 66.66 | 162.6 | 66.84 | 161.4 | 67.11 | 161.4 | 67.38 | 161.4 | 67.80 | 158.4 | 68.10 |
|        | -16.7             | -17      | 169.8                     | 66.87 | 169.8 | 67.05 | 168.6 | 67.32 | 168.6 | 67.56 | 168.6 | 68.01 | 165.3 | 66.39 |
|        | -15               | -15.9    | 174.9                     | 66.99 | 174.9 | 67.17 | 173.7 | 67.44 | 173.7 | 67.71 | 173.7 | 66.75 | 170.4 | 65.19 |
|        | -13.7             | -15      | 179.7                     | 67.14 | 179.7 | 67.32 | 178.8 | 67.59 | 178.8 | 67.89 | 178.8 | 65.49 | 175.5 | 64.02 |
|        | -11.8             | -13      | 185.7                     | 67.32 | 185.7 | 67.53 | 184.5 | 67.80 | 184.5 | 66.12 | 184.5 | 63.96 | 181.8 | 62.49 |
|        | -9.8              | -11      | 191.7                     | 67.53 | 191.7 | 67.71 | 190.5 | 65.88 | 190.5 | 64.29 | 190.5 | 62.31 | 188.4 | 60.93 |
|        | -9.5              | -10      | 193.2                     | 67.53 | 193.2 | 67.41 | 191.7 | 65.61 | 191.7 | 64.02 | 191.7 | 62.04 | 189.3 | 60.69 |
|        | -8.5              | -9.1     | 196.5                     | 67.65 | 196.5 | 66.39 | 195.6 | 64.65 | 195.6 | 63.12 | 195.6 | 61.23 | 192.9 | 59.88 |
|        | -7                | -7.6     | 202.2                     | 66.18 | 202.2 | 64.89 | 201.0 | 63.24 | 201.0 | 61.74 | 201.0 | 60.00 | 197.4 | 58.68 |
|        | -5                | -5.6     | 210.0                     | 64.26 | 210.0 | 62.97 | 208.2 | 61.38 | 208.2 | 59.97 | 208.2 | 58.44 | 200.4 | 56.04 |
|        | -3                | -3.7     | 217.2                     | 62.37 | 217.2 | 61.08 | 216.0 | 59.58 | 216.0 | 58.23 | 215.7 | 56.85 | 200.4 | 52.86 |
|        | 0                 | -0.7     | 228.3                     | 59.55 | 228.3 | 58.20 | 226.8 | 56.85 | 222.6 | 54.57 | 215.7 | 51.81 | 200.4 | 50.73 |
|        | 3                 | 2.2      | 239.7                     | 56.70 | 239.7 | 55.32 | 230.4 | 52.38 | 222.6 | 50.31 | 215.7 | 49.53 | 200.4 | 48.57 |
|        | 5                 | 4.1      | 229.5                     | 49.32 | 225.9 | 47.31 | 216.3 | 45.09 | 208.5 | 44.10 | 201.3 | 43.44 | 186.0 | 42.36 |
|        | 7                 | 6        | 216.0                     | 42.00 | 211.8 | 40.35 | 201.6 | 39.18 | 193.8 | 38.25 | 186.6 | 37.68 | 171.0 | 36.54 |
|        | 9                 | 7.9      | 202.2                     | 36.75 | 197.4 | 35.28 | 186.6 | 34.08 | 178.8 | 33.15 | 171.6 | 32.52 | 155.7 | 31.32 |
|        | 11                | 9.8      | 188.1                     | 32.28 | 182.4 | 30.81 | 171.0 | 29.55 | 163.2 | 28.65 | 155.7 | 28.02 | 139.8 | 26.76 |
|        | 13                | 11.8     | 173.4                     | 27.99 | 166.8 | 26.58 | 155.1 | 25.32 | 147.0 | 24.42 | 139.5 | 23.79 | 123.6 | 22.47 |
|        | 15                | 13.7     | 158.1                     | 23.94 | 150.6 | 22.56 | 138.3 | 21.33 | 130.2 | 20.49 | 122.7 | 19.83 | 106.5 | 18.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 74.10                     | 65.73 | 74.10 | 66.00 | 73.50 | 66.33 | 73.50 | 66.69 | 73.50 | 67.05 | 72.00 | 67.11 |
|        | -24.8             | -25      | 123.3                     | 66.24 | 123.3 | 66.54 | 122.4 | 66.81 | 122.4 | 67.20 | 122.4 | 67.53 | 120.0 | 67.65 |
|        | -21.8             | -22      | 149.7                     | 66.57 | 149.7 | 66.84 | 148.8 | 67.08 | 148.8 | 67.53 | 148.8 | 67.80 | 146.1 | 67.95 |
|        | -19.8             | -20      | 158.1                     | 66.75 | 158.1 | 67.02 | 157.2 | 67.29 | 157.2 | 67.71 | 157.2 | 67.98 | 153.9 | 68.13 |
|        | -18.8             | -19      | 161.4                     | 66.84 | 161.4 | 67.11 | 160.5 | 67.38 | 160.5 | 67.80 | 160.5 | 68.10 | 157.5 | 67.23 |
|        | -16.7             | -17      | 168.9                     | 67.05 | 168.9 | 67.32 | 167.4 | 67.56 | 167.4 | 68.01 | 167.4 | 66.27 | 164.4 | 65.37 |
|        | -15               | -15.9    | 173.7                     | 67.17 | 173.7 | 67.44 | 172.5 | 67.71 | 172.5 | 66.63 | 172.5 | 64.98 | 171.0 | 64.02 |
|        | -13.7             | -15      | 178.8                     | 67.32 | 178.8 | 67.59 | 177.6 | 67.89 | 177.6 | 65.25 | 177.6 | 63.69 | 177.6 | 62.70 |
|        | -11.8             | -13      | 184.5                     | 67.53 | 184.5 | 67.80 | 183.6 | 65.94 | 183.6 | 63.54 | 183.6 | 62.04 | 180.3 | 59.91 |
|        | -9.8              | -11      | 190.8                     | 67.71 | 190.8 | 65.64 | 189.6 | 63.93 | 189.6 | 61.71 | 189.6 | 60.33 | 180.3 | 56.73 |
|        | -9.5              | -10      | 191.7                     | 67.35 | 191.7 | 65.31 | 190.8 | 63.63 | 190.8 | 61.47 | 190.8 | 60.06 | 180.3 | 56.01 |
|        | -8.5              | -9.1     | 195.6                     | 66.21 | 195.6 | 64.23 | 194.4 | 62.64 | 194.4 | 60.54 | 193.2 | 58.86 | 180.3 | 55.17 |
|        | -7                | -7.6     | 201.3                     | 64.47 | 201.3 | 62.61 | 200.1 | 61.11 | 199.8 | 59.10 | 193.2 | 55.95 | 180.3 | 53.94 |
|        | -5                | -5.6     | 208.5                     | 62.25 | 208.5 | 60.57 | 206.7 | 59.04 | 199.8 | 55.38 | 193.2 | 53.43 | 180.3 | 52.32 |
|        | -3                | -3.7     | 216.0                     | 60.03 | 216.0 | 58.50 | 206.7 | 55.17 | 199.8 | 52.89 | 193.2 | 51.87 | 180.3 | 50.73 |
|        | 0                 | -0.7     | 226.8                     | 56.70 | 220.2 | 53.76 | 206.7 | 51.63 | 199.8 | 50.40 | 193.2 | 49.53 | 180.3 | 48.30 |
|        | 3                 | 2.2      | 233.1                     | 52.26 | 220.2 | 49.65 | 206.7 | 48.87 | 199.8 | 47.97 | 193.2 | 47.22 | 180.3 | 45.93 |
|        | 5                 | 4.1      | 220.8                     | 44.49 | 207.6 | 43.56 | 194.1 | 42.81 | 187.2 | 42.00 | 180.3 | 41.31 | 167.4 | 39.87 |
|        | 7                 | 6        | 207.9                     | 38.73 | 194.7 | 37.86 | 180.9 | 37.11 | 174.0 | 36.45 | 167.1 | 35.79 | 153.9 | 34.26 |
|        | 9                 | 7.9      | 194.7                     | 33.93 | 181.2 | 33.00 | 167.4 | 32.16 | 160.5 | 31.50 | 153.6 | 30.84 | 140.1 | 29.28 |
|        | 11                | 9.8      | 180.9                     | 29.70 | 167.4 | 28.74 | 153.6 | 27.84 | 146.4 | 27.15 | 139.5 | 26.49 | 126.0 | 24.96 |
|        | 13                | 11.8     | 166.8                     | 25.68 | 153.3 | 24.69 | 139.2 | 23.76 | 132.0 | 23.10 | 125.1 | 22.44 | 111.0 | 20.94 |
|        | 15                | 13.7     | 152.1                     | 21.87 | 138.3 | 20.91 | 124.2 | 19.95 | 117.0 | 19.35 | 109.8 | 18.66 | 95.70 | 17.22 |
| 100    | -30               | -30.2    | 73.50                     | 74.10 | 73.50 | 73.62 | 73.20 | 62.85 | 73.20 | 72.21 | 73.20 | 70.20 | 71.70 | 71.37 |
|        | -24.8             | -25      | 122.7                     | 72.45 | 122.7 | 71.94 | 122.1 | 66.24 | 122.1 | 70.56 | 122.1 | 70.02 | 119.4 | 69.72 |
|        | -21.8             | -22      | 149.1                     | 71.52 | 149.1 | 70.95 | 148.2 | 68.19 | 148.2 | 69.63 | 148.2 | 69.90 | 145.5 | 68.79 |
|        | -19.8             | -20      | 157.5                     | 70.86 | 157.5 | 70.32 | 156.3 | 69.39 | 156.3 | 68.97 | 156.3 | 68.70 | 153.3 | 68.13 |
|        | -18.8             | -19      | 160.8                     | 70.53 | 159.9 | 70.02 | 159.9 | 69.48 | 159.9 | 68.64 | 159.9 | 68.10 | 156.9 | 67.05 |
|        | -16.7             | -17      | 166.8                     | 69.90 | 166.8 | 69.33 | 166.8 | 69.66 | 165.9 | 68.01 | 165.9 | 65.85 | 162.9 | 64.77 |
|        | -15               | -15.9    | 172.5                     | 69.39 | 172.5 | 68.85 | 171.9 | 68.76 | 171.6 | 66.39 | 171.6 | 64.23 | 164.7 | 61.83 |
|        | -13.7             | -15      | 177.9                     | 68.91 | 177.9 | 68.40 | 177.0 | 67.89 | 177.0 | 64.77 | 177.0 | 62.64 | 164.7 | 58.38 |
|        | -11.8             | -13      | 183.6                     | 68.34 | 182.7 | 67.80 | 182.7 | 65.73 | 182.7 | 62.73 | 177.0 | 58.74 | 164.7 | 56.40 |
|        | -9.8              | -11      | 189.9                     | 67.71 | 189.9 | 65.40 | 189.0 | 63.48 | 183.0 | 58.65 | 177.0 | 55.53 | 164.7 | 54.36 |
|        | -9.5              | -10      | 190.8                     | 67.32 | 190.8 | 65.01 | 189.0 | 62.79 | 183.0 | 58.05 | 177.0 | 55.23 | 164.7 | 54.06 |
|        | -8.5              | -9.1     | 194.7                     | 66.09 | 194.7 | 63.84 | 189.0 | 60.48 | 183.0 | 56.16 | 177.0 | 54.21 | 164.7 | 53.01 |
|        | -7                | -7.6     | 203.4                     | 64.20 | 201.0 | 61.56 | 189.0 | 57.21 | 183.0 | 54.63 | 177.0 | 52.71 | 164.7 | 51.48 |
|        | -5                | -5.6     | 212.4                     | 61.80 | 201.0 | 57.12 | 189.0 | 55.17 | 183.0 | 52.68 | 177.0 | 50.79 | 164.7 | 49.53 |
|        | -3                | -3.7     | 213.3                     | 58.02 | 201.0 | 54.51 | 189.0 | 53.13 | 183.0 | 50.73 | 177.0 | 48.84 | 164.7 | 47.55 |
|        | 0                 | -0.7     | 213.3                     | 52.95 | 201.0 | 51.21 | 189.0 | 50.01 | 183.0 | 47.79 | 177.0 | 45.93 | 164.7 | 44.58 |
|        | 3                 | 2.2      | 213.3                     | 49.50 | 201.0 | 47.94 | 189.0 | 46.92 | 183.0 | 44.85 | 177.0 | 43.05 | 164.7 | 41.61 |
|        | 5                 | 4.1      | 201.9                     | 43.35 | 189.6 | 41.82 | 177.3 | 40.83 | 171.3 | 38.97 | 165.3 | 37.26 | 152.7 | 35.70 |
|        | 7                 | 6        | 190.2                     | 37.59 | 177.6 | 36.15 | 165.6 | 35.19 | 159.3 | 33.51 | 153.3 | 31.92 | 140.7 | 30.30 |
|        | 9                 | 7.9      | 177.9                     | 32.82 | 165.6 | 31.44 | 153.0 | 30.45 | 147.0 | 28.89 | 140.7 | 27.42 | 128.1 | 25.86 |
|        | 11                | 9.8      | 165.6                     | 28.68 | 153.0 | 27.27 | 140.4 | 26.28 | 134.1 | 24.84 | 127.8 | 23.49 | 114.9 | 21.99 |
|        | 13                | 11.8     | 152.4                     | 24.72 | 139.8 | 23.40 | 127.2 | 22.38 | 120.9 | 21.09 | 114.6 | 19.86 | 101.4 | 18.42 |
|        | 15                | 13.7     | 139.2                     | 21.00 | 126.3 | 19.77 | 113.4 | 18.75 | 107.1 | 17.64 | 100.8 | 16.50 | 87.60 | 15.18 |
| 90     | -30               | -30.2    | 73.50                     | 64.50 | 73.50 | 64.86 | 72.90 | 65.16 | 72.90 | 65.28 | 72.90 | 65.64 | 71.40 | 71.67 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 122.4                     | 64.98 | 122.4 | 65.40 | 121.5 | 65.70 | 121.5 | 65.82 | 121.5 | 66.12 | 119.1 | 66.54 |
|        | -21.8             | -22      | 148.5                     | 65.25 | 148.5 | 65.70 | 147.6 | 66.00 | 147.6 | 66.12 | 147.6 | 66.42 | 144.9 | 63.57 |
|        | -19.8             | -20      | 156.9                     | 65.49 | 156.9 | 65.88 | 155.7 | 66.21 | 155.7 | 66.33 | 155.7 | 64.41 | 150.6 | 60.69 |
|        | -18.8             | -19      | 160.8                     | 65.58 | 159.9 | 66.00 | 159.3 | 66.27 | 159.3 | 65.28 | 159.3 | 63.39 | 150.6 | 58.50 |
|        | -16.7             | -17      | 166.8                     | 65.79 | 166.8 | 66.18 | 166.2 | 64.14 | 166.2 | 63.12 | 162.3 | 59.85 | 150.6 | 55.62 |
|        | -15               | -15.9    | 172.5                     | 65.91 | 172.5 | 64.62 | 171.3 | 62.64 | 167.7 | 60.30 | 162.3 | 57.57 | 150.6 | 54.24 |
|        | -13.7             | -15      | 177.9                     | 66.06 | 177.9 | 63.03 | 172.8 | 59.88 | 167.7 | 57.12 | 162.3 | 55.35 | 150.6 | 52.86 |
|        | -11.8             | -13      | 183.6                     | 63.93 | 182.7 | 61.05 | 172.8 | 56.19 | 167.7 | 55.17 | 162.3 | 53.55 | 150.6 | 51.09 |
|        | -9.8              | -11      | 189.9                     | 61.68 | 183.6 | 57.00 | 172.8 | 54.30 | 167.7 | 53.22 | 162.3 | 51.69 | 150.6 | 49.26 |
|        | -9.5              | -10      | 190.8                     | 61.32 | 183.6 | 56.40 | 172.8 | 54.00 | 167.7 | 52.92 | 162.3 | 51.42 | 150.6 | 48.99 |
|        | -8.5              | -9.1     | 194.7                     | 60.21 | 183.6 | 54.78 | 172.8 | 53.07 | 167.7 | 51.99 | 162.3 | 50.46 | 150.6 | 48.06 |
|        | -7                | -7.6     | 195.3                     | 56.16 | 183.6 | 53.22 | 172.8 | 51.63 | 167.7 | 50.55 | 162.3 | 49.05 | 150.6 | 46.68 |
|        | -5                | -5.6     | 195.3                     | 53.49 | 183.6 | 51.33 | 172.8 | 49.80 | 167.7 | 48.66 | 162.3 | 47.25 | 150.6 | 44.94 |
|        | -3                | -3.7     | 195.3                     | 51.45 | 183.6 | 49.41 | 172.8 | 47.97 | 167.7 | 46.80 | 162.3 | 45.42 | 150.6 | 43.14 |
|        | 0                 | -0.7     | 195.3                     | 48.36 | 183.6 | 46.53 | 172.8 | 45.24 | 167.7 | 44.01 | 162.3 | 42.72 | 150.6 | 40.50 |
|        | 3                 | 2.2      | 195.3                     | 45.27 | 183.6 | 43.71 | 172.8 | 42.48 | 167.7 | 41.22 | 162.3 | 39.99 | 150.6 | 37.83 |
|        | 5                 | 4.1      | 184.8                     | 39.72 | 173.1 | 38.28 | 162.3 | 37.08 | 156.9 | 35.82 | 151.5 | 34.65 | 139.8 | 32.55 |
|        | 7                 | 6        | 174.0                     | 34.53 | 162.3 | 33.24 | 151.2 | 32.04 | 146.1 | 30.81 | 140.4 | 29.76 | 128.7 | 27.75 |
|        | 9                 | 7.9      | 162.9                     | 29.85 | 151.2 | 28.59 | 140.1 | 27.45 | 134.7 | 26.28 | 129.0 | 25.29 | 117.0 | 23.43 |
|        | 11                | 9.8      | 151.5                     | 25.50 | 139.5 | 24.33 | 128.4 | 23.22 | 123.0 | 22.20 | 117.3 | 21.27 | 105.0 | 19.56 |
|        | 13                | 11.8     | 139.8                     | 21.57 | 127.8 | 20.46 | 116.4 | 19.41 | 110.7 | 18.48 | 105.0 | 17.67 | 92.70 | 16.08 |
|        | 15                | 13.7     | 127.5                     | 17.97 | 115.2 | 16.95 | 103.8 | 15.96 | 98.10 | 15.15 | 92.40 | 14.40 | 80.10 | 13.02 |
| 80     | -30               | -30.2    | 72.90                     | 56.97 | 72.90 | 57.42 | 72.60 | 57.78 | 72.60 | 57.36 | 72.60 | 63.66 | 71.10 | 60.99 |
|        | -24.8             | -25      | 121.8                     | 57.54 | 121.8 | 57.99 | 120.9 | 58.29 | 120.9 | 58.41 | 120.9 | 59.13 | 118.5 | 56.64 |
|        | -21.8             | -22      | 147.0                     | 57.87 | 147.0 | 58.29 | 147.0 | 58.59 | 147.0 | 59.01 | 144.6 | 55.62 | 134.7 | 51.39 |
|        | -19.8             | -20      | 155.1                     | 58.08 | 155.1 | 58.50 | 154.8 | 58.80 | 150.0 | 55.26 | 144.6 | 51.99 | 134.7 | 49.77 |
|        | -18.8             | -19      | 158.7                     | 58.20 | 158.7 | 58.89 | 154.8 | 56.58 | 150.0 | 53.40 | 144.6 | 51.21 | 134.7 | 49.02 |
|        | -16.7             | -17      | 163.2                     | 58.83 | 163.2 | 56.97 | 154.8 | 53.22 | 150.0 | 51.60 | 144.6 | 49.47 | 134.7 | 47.37 |
|        | -15               | -15.9    | 166.8                     | 57.39 | 164.7 | 55.44 | 154.8 | 51.90 | 150.0 | 50.28 | 144.6 | 48.24 | 134.7 | 46.17 |
|        | -13.7             | -15      | 170.4                     | 55.98 | 164.7 | 53.40 | 154.8 | 50.58 | 150.0 | 48.99 | 144.6 | 47.04 | 134.7 | 45.00 |
|        | -11.8             | -13      | 174.9                     | 54.18 | 164.7 | 50.94 | 154.8 | 48.93 | 150.0 | 47.40 | 144.6 | 45.48 | 134.7 | 43.53 |
|        | -9.8              | -11      | 174.9                     | 50.94 | 164.7 | 48.57 | 154.8 | 47.22 | 150.0 | 45.66 | 144.6 | 43.86 | 134.7 | 41.97 |
|        | -9.5              | -10      | 174.9                     | 50.31 | 164.7 | 48.03 | 154.8 | 46.95 | 150.0 | 45.42 | 144.6 | 43.62 | 134.7 | 41.73 |
|        | -8.5              | -9.1     | 174.9                     | 48.99 | 164.7 | 47.01 | 154.8 | 46.08 | 150.0 | 44.55 | 144.6 | 42.81 | 134.7 | 40.98 |
|        | -7                | -7.6     | 174.9                     | 47.16 | 164.7 | 45.69 | 154.8 | 44.79 | 150.0 | 43.26 | 144.6 | 41.61 | 134.7 | 39.78 |
|        | -5                | -5.6     | 174.9                     | 45.42 | 164.7 | 44.07 | 154.8 | 43.11 | 150.0 | 41.64 | 144.6 | 40.02 | 134.7 | 38.31 |
|        | -3                | -3.7     | 174.9                     | 43.71 | 164.7 | 42.39 | 154.8 | 41.46 | 150.0 | 39.96 | 144.6 | 38.46 | 134.7 | 36.78 |
|        | 0                 | -0.7     | 174.9                     | 41.13 | 164.7 | 39.90 | 154.8 | 38.94 | 150.0 | 37.50 | 144.6 | 36.12 | 134.7 | 34.53 |
|        | 3                 | 2.2      | 174.9                     | 38.55 | 164.7 | 37.41 | 154.8 | 36.42 | 150.0 | 35.01 | 144.6 | 33.81 | 134.7 | 32.31 |
|        | 5                 | 4.1      | 165.6                     | 33.90 | 155.4 | 32.79 | 145.2 | 31.77 | 140.4 | 30.42 | 135.0 | 29.34 | 125.1 | 27.84 |
|        | 7                 | 6        | 156.0                     | 29.55 | 145.5 | 28.47 | 135.6 | 27.42 | 130.5 | 26.16 | 125.1 | 25.17 | 114.9 | 23.79 |
|        | 9                 | 7.9      | 146.1                     | 25.23 | 135.6 | 24.21 | 125.4 | 23.19 | 120.3 | 22.08 | 114.9 | 21.18 | 104.7 | 19.89 |
|        | 11                | 9.8      | 135.6                     | 21.12 | 125.4 | 20.19 | 114.9 | 19.26 | 109.8 | 18.24 | 104.4 | 17.46 | 93.90 | 16.26 |
|        | 13                | 11.8     | 125.1                     | 17.64 | 114.6 | 16.77 | 104.1 | 15.90 | 99.00 | 15.03 | 93.60 | 14.34 | 83.10 | 13.23 |
|        | 15                | 13.7     | 114.0                     | 14.73 | 103.5 | 13.92 | 93.00 | 13.11 | 87.90 | 12.36 | 82.20 | 11.73 | 71.40 | 10.74 |
| 70     | -30               | -30.2    | 72.90                     | 56.43 | 72.90 | 56.64 | 72.60 | 56.91 | 72.60 | 62.76 | 72.60 | 59.76 | 71.10 | 57.03 |
|        | -24.8             | -25      | 121.8                     | 57.00 | 121.8 | 57.15 | 120.9 | 57.45 | 120.9 | 57.84 | 120.9 | 55.14 | 115.2 | 51.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 139.8                     | 57.33 | 139.8 | 57.45 | 131.7 | 54.81 | 127.2 | 52.23 | 123.3 | 49.80 | 115.2 | 47.46 |
|        | -19.8             | -20      | 148.2                     | 56.19 | 140.1 | 54.72 | 131.7 | 52.92 | 127.2 | 50.43 | 123.3 | 48.15 | 115.2 | 45.84 |
|        | -18.8             | -19      | 148.2                     | 54.69 | 140.1 | 53.79 | 131.7 | 51.99 | 127.2 | 49.53 | 123.3 | 47.28 | 115.2 | 45.03 |
|        | -16.7             | -17      | 148.2                     | 52.71 | 140.1 | 51.72 | 131.7 | 50.01 | 127.2 | 47.67 | 123.3 | 45.54 | 115.2 | 43.32 |
|        | -15               | -15.9    | 148.2                     | 51.27 | 140.1 | 50.28 | 131.7 | 48.60 | 127.2 | 46.32 | 123.3 | 44.28 | 115.2 | 42.12 |
|        | -13.7             | -15      | 148.2                     | 49.83 | 140.1 | 48.84 | 131.7 | 47.22 | 127.2 | 45.00 | 123.3 | 43.05 | 115.2 | 40.92 |
|        | -11.8             | -13      | 148.2                     | 48.00 | 140.1 | 47.01 | 131.7 | 45.45 | 127.2 | 43.32 | 123.3 | 41.46 | 115.2 | 39.39 |
|        | -9.8              | -11      | 148.2                     | 46.14 | 140.1 | 45.06 | 131.7 | 43.59 | 127.2 | 41.55 | 123.3 | 39.81 | 115.2 | 37.80 |
|        | -9.5              | -10      | 148.2                     | 45.84 | 140.1 | 44.79 | 131.7 | 43.29 | 127.2 | 41.28 | 123.3 | 39.57 | 115.2 | 37.56 |
|        | -8.5              | -9.1     | 148.2                     | 44.88 | 140.1 | 43.83 | 131.7 | 42.39 | 127.2 | 40.41 | 123.3 | 38.73 | 115.2 | 36.78 |
|        | -7                | -7.6     | 148.2                     | 43.47 | 140.1 | 42.42 | 131.7 | 41.01 | 127.2 | 39.09 | 123.3 | 37.50 | 115.2 | 35.55 |
|        | -5                | -5.6     | 148.2                     | 41.64 | 140.1 | 40.53 | 131.7 | 39.18 | 127.2 | 37.38 | 123.3 | 35.91 | 115.2 | 34.05 |
|        | -3                | -3.7     | 148.2                     | 39.81 | 140.1 | 38.70 | 131.7 | 37.41 | 127.2 | 35.67 | 123.3 | 34.29 | 115.2 | 32.49 |
|        | 0                 | -0.7     | 148.2                     | 37.05 | 140.1 | 35.91 | 131.7 | 34.71 | 127.2 | 33.12 | 123.3 | 31.89 | 115.2 | 30.18 |
|        | 3                 | 2.2      | 148.2                     | 34.29 | 140.1 | 33.12 | 131.7 | 32.01 | 127.2 | 30.54 | 123.3 | 29.52 | 115.2 | 27.84 |
|        | 5                 | 4.1      | 140.4                     | 29.94 | 132.0 | 28.71 | 123.6 | 27.69 | 119.1 | 26.37 | 115.2 | 25.44 | 106.8 | 23.85 |
|        | 7                 | 6        | 132.0                     | 25.89 | 123.9 | 24.69 | 115.2 | 23.67 | 110.7 | 22.50 | 106.8 | 21.75 | 98.40 | 20.22 |
|        | 9                 | 7.9      | 123.6                     | 21.33 | 115.2 | 20.25 | 106.8 | 19.29 | 102.0 | 18.33 | 98.10 | 17.64 | 89.40 | 16.32 |
|        | 11                | 9.8      | 114.9                     | 17.94 | 106.5 | 16.98 | 97.80 | 16.14 | 93.30 | 15.27 | 89.10 | 14.64 | 80.40 | 13.44 |
|        | 13                | 11.8     | 105.9                     | 15.09 | 97.50 | 14.19 | 88.50 | 13.41 | 84.00 | 12.66 | 79.80 | 12.12 | 71.10 | 11.04 |
|        | 15                | 13.7     | 96.60                     | 12.66 | 87.90 | 11.85 | 79.20 | 11.16 | 74.40 | 10.47 | 70.20 | 9.99  | 61.20 | 9.06  |
| 60     | -30               | -30.2    | 72.00                     | 56.04 | 72.00 | 56.31 | 71.40 | 62.70 | 69.00 | 59.37 | 66.60 | 56.28 | 62.40 | 53.55 |
|        | -24.8             | -25      | 119.7                     | 56.61 | 119.7 | 56.88 | 112.8 | 54.42 | 109.2 | 51.60 | 105.3 | 48.96 | 98.70 | 46.50 |
|        | -21.8             | -22      | 127.2                     | 56.43 | 120.3 | 54.30 | 112.8 | 51.51 | 109.2 | 48.87 | 105.3 | 46.41 | 98.70 | 44.01 |
|        | -19.8             | -20      | 127.2                     | 54.24 | 120.3 | 52.26 | 112.8 | 49.56 | 109.2 | 47.04 | 105.3 | 44.67 | 98.70 | 42.36 |
|        | -18.8             | -19      | 127.2                     | 53.19 | 120.3 | 51.24 | 112.8 | 48.63 | 109.2 | 46.17 | 105.3 | 43.83 | 98.70 | 41.52 |
|        | -16.7             | -17      | 127.2                     | 51.03 | 120.3 | 49.08 | 112.8 | 46.56 | 109.2 | 44.25 | 105.3 | 42.06 | 98.70 | 39.81 |
|        | -15               | -15.9    | 127.2                     | 49.50 | 120.3 | 47.55 | 112.8 | 45.12 | 109.2 | 42.90 | 105.3 | 40.77 | 98.70 | 38.58 |
|        | -13.7             | -15      | 127.2                     | 47.97 | 120.3 | 46.05 | 112.8 | 43.68 | 109.2 | 41.55 | 105.3 | 39.51 | 98.70 | 37.35 |
|        | -11.8             | -13      | 127.2                     | 46.02 | 120.3 | 44.10 | 112.8 | 41.85 | 109.2 | 39.84 | 105.3 | 37.89 | 98.70 | 35.79 |
|        | -9.8              | -11      | 127.2                     | 43.95 | 120.3 | 42.06 | 112.8 | 39.96 | 109.2 | 38.04 | 105.3 | 36.21 | 98.70 | 34.17 |
|        | -9.5              | -10      | 127.2                     | 43.65 | 120.3 | 41.76 | 112.8 | 39.69 | 109.2 | 37.77 | 105.3 | 35.94 | 98.70 | 33.93 |
|        | -8.5              | -9.1     | 127.2                     | 42.63 | 120.3 | 40.77 | 112.8 | 38.73 | 109.2 | 36.90 | 105.3 | 35.13 | 98.70 | 33.12 |
|        | -7                | -7.6     | 127.2                     | 41.13 | 120.3 | 39.27 | 112.8 | 37.29 | 109.2 | 35.55 | 105.3 | 33.87 | 98.70 | 31.89 |
|        | -5                | -5.6     | 127.2                     | 39.12 | 120.3 | 37.29 | 112.8 | 35.46 | 109.2 | 33.81 | 105.3 | 32.22 | 98.70 | 30.33 |
|        | -3                | -3.7     | 127.2                     | 37.17 | 120.3 | 35.34 | 112.8 | 33.60 | 109.2 | 32.07 | 105.3 | 30.57 | 98.70 | 28.74 |
|        | 0                 | -0.7     | 127.2                     | 34.17 | 120.3 | 32.37 | 112.8 | 30.81 | 109.2 | 29.46 | 105.3 | 28.14 | 98.70 | 26.37 |
|        | 3                 | 2.2      | 127.2                     | 31.20 | 120.3 | 29.43 | 112.8 | 28.02 | 109.2 | 26.85 | 105.3 | 25.68 | 98.70 | 24.00 |
|        | 5                 | 4.1      | 120.3                     | 27.00 | 113.4 | 25.32 | 105.9 | 24.03 | 102.3 | 23.01 | 98.40 | 21.99 | 91.50 | 20.40 |
|        | 7                 | 6        | 113.4                     | 23.13 | 106.5 | 21.51 | 98.70 | 20.37 | 95.10 | 19.50 | 91.20 | 18.60 | 84.30 | 17.16 |
|        | 9                 | 7.9      | 106.2                     | 18.87 | 99.00 | 17.49 | 91.50 | 16.47 | 87.60 | 15.75 | 83.70 | 15.00 | 76.80 | 13.74 |
|        | 11                | 9.8      | 98.70                     | 15.99 | 91.50 | 14.76 | 83.70 | 13.86 | 80.10 | 13.23 | 75.90 | 12.57 | 69.00 | 11.43 |
|        | 13                | 11.8     | 90.90                     | 13.50 | 83.70 | 12.42 | 75.90 | 11.64 | 72.00 | 11.07 | 68.10 | 10.47 | 60.90 | 9.48  |
|        | 15                | 13.7     | 83.10                     | 11.43 | 75.60 | 10.47 | 67.80 | 9.75  | 63.90 | 9.24  | 60.00 | 8.76  | 52.50 | 7.86  |
| 50     | -30               | -30.2    | 67.20                     | 48.42 | 63.30 | 54.00 | 59.40 | 51.15 | 57.60 | 48.51 | 55.50 | 45.93 | 51.90 | 43.68 |
|        | -24.8             | -25      | 106.2                     | 46.47 | 100.2 | 46.86 | 94.20 | 44.40 | 91.20 | 42.12 | 87.90 | 39.96 | 81.90 | 37.92 |
|        | -21.8             | -22      | 106.2                     | 46.77 | 100.2 | 44.34 | 94.20 | 42.03 | 91.20 | 39.87 | 87.90 | 37.86 | 81.90 | 35.88 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 106.2                     | 45.00 | 100.2 | 42.63 | 94.20 | 40.44 | 91.20 | 38.37 | 87.90 | 36.45 | 81.90 | 34.53 |
|        | -18.8             | -19      | 106.2                     | 44.13 | 100.2 | 41.79 | 94.20 | 39.69 | 91.20 | 37.62 | 87.90 | 35.76 | 81.90 | 33.90 |
|        | -16.7             | -17      | 106.2                     | 42.30 | 100.2 | 40.05 | 94.20 | 38.01 | 91.20 | 36.03 | 87.90 | 34.29 | 81.90 | 32.49 |
|        | -15               | -15.9    | 106.2                     | 40.98 | 100.2 | 38.76 | 94.20 | 36.84 | 91.20 | 34.92 | 87.90 | 33.24 | 81.90 | 31.47 |
|        | -13.7             | -15      | 106.2                     | 39.66 | 100.2 | 37.50 | 94.20 | 35.64 | 91.20 | 33.81 | 87.90 | 32.22 | 81.90 | 30.48 |
|        | -11.8             | -13      | 106.2                     | 37.98 | 100.2 | 35.94 | 94.20 | 34.20 | 91.20 | 32.43 | 87.90 | 30.90 | 81.90 | 29.22 |
|        | -9.8              | -11      | 106.2                     | 36.27 | 100.2 | 34.26 | 94.20 | 32.61 | 91.20 | 30.93 | 87.90 | 29.52 | 81.90 | 27.90 |
|        | -9.5              | -10      | 106.2                     | 36.00 | 100.2 | 34.02 | 94.20 | 32.37 | 91.20 | 30.72 | 87.90 | 29.34 | 81.90 | 27.69 |
|        | -8.5              | -9.1     | 106.2                     | 35.16 | 100.2 | 33.18 | 94.20 | 31.62 | 91.20 | 30.00 | 87.90 | 28.65 | 81.90 | 27.03 |
|        | -7                | -7.6     | 106.2                     | 33.81 | 100.2 | 31.95 | 94.20 | 30.45 | 91.20 | 28.89 | 87.90 | 27.60 | 81.90 | 26.04 |
|        | -5                | -5.6     | 106.2                     | 32.13 | 100.2 | 30.33 | 94.20 | 28.95 | 91.20 | 27.48 | 87.90 | 26.28 | 81.90 | 24.75 |
|        | -3                | -3.7     | 106.2                     | 30.48 | 100.2 | 28.71 | 94.20 | 27.42 | 91.20 | 26.01 | 87.90 | 24.93 | 81.90 | 23.46 |
|        | 0                 | -0.7     | 106.2                     | 27.93 | 100.2 | 26.25 | 94.20 | 25.14 | 91.20 | 23.88 | 87.90 | 22.95 | 81.90 | 21.54 |
|        | 3                 | 2.2      | 106.2                     | 25.38 | 100.2 | 23.85 | 94.20 | 22.89 | 91.20 | 21.72 | 87.90 | 20.94 | 81.90 | 19.62 |
|        | 5                 | 4.1      | 100.5                     | 21.96 | 94.50 | 20.52 | 88.50 | 19.68 | 85.50 | 18.63 | 82.20 | 18.00 | 75.90 | 16.74 |
|        | 7                 | 6        | 94.80                     | 18.81 | 88.50 | 17.49 | 82.50 | 16.74 | 79.50 | 15.84 | 76.20 | 15.30 | 69.90 | 14.16 |
|        | 9                 | 7.9      | 88.50                     | 15.60 | 82.50 | 14.46 | 76.20 | 13.80 | 73.20 | 13.02 | 69.90 | 12.54 | 63.60 | 11.55 |
|        | 11                | 9.8      | 82.50                     | 13.32 | 76.20 | 12.30 | 69.90 | 11.70 | 66.90 | 11.01 | 63.60 | 10.59 | 57.30 | 9.69  |
|        | 13                | 11.8     | 75.90                     | 11.34 | 69.60 | 10.44 | 63.30 | 9.90  | 60.30 | 9.30  | 57.00 | 8.91  | 50.40 | 8.13  |
|        | 15                | 13.7     | 69.30                     | 9.69  | 63.00 | 8.91  | 56.70 | 8.40  | 53.40 | 7.86  | 50.10 | 7.53  | 43.50 | 6.81  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM620LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 77.50                     | 67.90 | 77.50 | 68.12 | 76.90 | 68.33 | 76.90 | 68.62 | 76.90 | 68.95 | 75.40 | 69.35 |
|        | -24.8             | -25      | 129.0                     | 68.36 | 129.0 | 68.58 | 128.2 | 68.77 | 128.2 | 69.08 | 128.2 | 69.36 | 125.8 | 69.78 |
|        | -21.8             | -22      | 156.9                     | 68.61 | 156.9 | 68.83 | 156.0 | 69.04 | 156.0 | 69.33 | 156.0 | 69.59 | 152.9 | 70.05 |
|        | -19.8             | -20      | 165.6                     | 68.79 | 165.6 | 69.01 | 164.3 | 69.20 | 164.3 | 69.48 | 164.3 | 69.77 | 161.3 | 70.21 |
|        | -18.8             | -19      | 169.0                     | 68.84 | 169.0 | 69.08 | 168.0 | 69.27 | 168.0 | 69.56 | 168.0 | 69.84 | 164.7 | 70.29 |
|        | -16.7             | -17      | 176.5                     | 69.04 | 176.5 | 69.26 | 175.4 | 69.45 | 175.4 | 69.74 | 175.4 | 70.00 | 172.1 | 70.46 |
|        | -15               | -15.9    | 181.8                     | 69.14 | 181.8 | 69.36 | 180.7 | 69.55 | 180.7 | 69.84 | 180.7 | 70.12 | 177.3 | 69.06 |
|        | -13.7             | -15      | 187.3                     | 69.29 | 187.3 | 69.49 | 186.2 | 69.68 | 186.2 | 69.97 | 186.2 | 70.27 | 182.6 | 67.71 |
|        | -11.8             | -13      | 193.5                     | 69.43 | 193.5 | 69.65 | 192.0 | 69.86 | 192.0 | 70.14 | 192.0 | 68.42 | 189.2 | 65.96 |
|        | -9.8              | -11      | 199.8                     | 69.60 | 199.8 | 69.82 | 198.7 | 70.01 | 198.7 | 68.22 | 198.7 | 66.51 | 196.0 | 64.15 |
|        | -9.5              | -10      | 201.0                     | 69.63 | 201.0 | 69.83 | 199.7 | 69.70 | 199.7 | 67.93 | 199.7 | 66.23 | 197.0 | 63.89 |
|        | -8.5              | -9.1     | 205.0                     | 69.71 | 205.0 | 69.93 | 203.5 | 68.73 | 203.5 | 66.95 | 202.6 | 65.28 | 200.6 | 62.99 |
|        | -7                | -7.6     | 210.8                     | 69.83 | 210.8 | 68.51 | 209.4 | 67.27 | 209.4 | 65.50 | 209.4 | 63.85 | 205.9 | 61.62 |
|        | -5                | -5.6     | 218.3                     | 68.13 | 218.3 | 66.74 | 217.0 | 65.47 | 217.0 | 63.72 | 217.0 | 62.05 | 212.8 | 59.94 |
|        | -3                | -3.7     | 226.1                     | 66.44 | 226.1 | 64.95 | 224.7 | 63.61 | 224.7 | 61.90 | 224.7 | 60.26 | 219.7 | 58.24 |
|        | 0                 | -0.7     | 237.6                     | 63.91 | 237.6 | 62.33 | 236.3 | 60.86 | 236.3 | 59.21 | 236.3 | 57.59 | 220.4 | 53.35 |
|        | 3                 | 2.2      | 249.3                     | 61.38 | 249.3 | 59.66 | 247.8 | 58.14 | 245.5 | 55.99 | 236.8 | 52.50 | 220.4 | 50.45 |
|        | 5                 | 4.1      | 243.2                     | 55.18 | 238.1 | 51.75 | 236.2 | 50.30 | 230.0 | 47.57 | 221.0 | 45.47 | 204.6 | 43.80 |
|        | 7                 | 6        | 225.5                     | 46.04 | 223.2 | 44.08 | 220.4 | 42.51 | 213.8 | 40.70 | 204.9 | 39.28 | 188.2 | 37.61 |
|        | 9                 | 7.9      | 210.6                     | 40.14 | 207.8 | 38.34 | 204.0 | 36.67 | 197.1 | 35.28 | 188.2 | 33.93 | 171.4 | 32.26 |
| 120    | 11                | 9.8      | 195.9                     | 35.30 | 191.9 | 33.51 | 186.9 | 31.86 | 179.8 | 30.54 | 171.1 | 29.25 | 153.8 | 27.55 |
|        | 13                | 11.8     | 180.5                     | 30.63 | 175.5 | 28.93 | 169.3 | 27.28 | 162.1 | 26.06 | 153.1 | 24.84 | 135.8 | 23.15 |
|        | 15                | 13.7     | 164.6                     | 26.24 | 158.5 | 24.59 | 151.2 | 22.99 | 143.8 | 21.88 | 134.6 | 20.74 | 117.1 | 19.09 |
|        | -30               | -30.2    | 76.90                     | 68.12 | 76.90 | 68.33 | 76.40 | 68.62 | 76.40 | 68.95 | 76.40 | 69.35 | 74.80 | 69.70 |
|        | -24.8             | -25      | 128.1                     | 68.58 | 128.1 | 68.77 | 127.3 | 69.08 | 127.3 | 69.36 | 127.3 | 69.78 | 124.7 | 70.11 |
|        | -21.8             | -22      | 155.9                     | 68.83 | 155.9 | 69.04 | 154.8 | 69.33 | 154.8 | 69.59 | 154.8 | 70.05 | 151.9 | 70.34 |
|        | -19.8             | -20      | 164.3                     | 69.01 | 164.3 | 69.20 | 163.3 | 69.48 | 163.3 | 69.77 | 163.3 | 70.21 | 160.1 | 70.50 |
|        | -18.8             | -19      | 168.0                     | 69.08 | 168.0 | 69.27 | 166.8 | 69.56 | 166.8 | 69.84 | 166.8 | 70.29 | 163.7 | 70.60 |
|        | -16.7             | -17      | 175.4                     | 69.26 | 175.4 | 69.45 | 174.2 | 69.74 | 174.2 | 70.00 | 174.2 | 70.46 | 170.9 | 68.80 |
|        | -15               | -15.9    | 180.7                     | 69.36 | 180.7 | 69.55 | 179.5 | 69.84 | 179.5 | 70.12 | 179.5 | 69.12 | 176.1 | 67.52 |
|        | -13.7             | -15      | 185.8                     | 69.49 | 185.8 | 69.68 | 184.8 | 69.97 | 184.8 | 70.27 | 184.8 | 67.81 | 181.3 | 66.28 |
|        | -11.8             | -13      | 191.9                     | 69.65 | 191.9 | 69.86 | 190.7 | 70.14 | 190.7 | 68.42 | 190.7 | 66.17 | 187.9 | 64.66 |
|        | -9.8              | -11      | 198.3                     | 69.82 | 198.3 | 70.01 | 197.0 | 68.13 | 197.0 | 66.48 | 197.0 | 64.43 | 194.8 | 63.00 |
|        | -9.5              | -10      | 199.7                     | 69.83 | 199.7 | 69.70 | 198.3 | 67.84 | 198.3 | 66.20 | 198.3 | 64.15 | 195.7 | 62.75 |
|        | -8.5              | -9.1     | 203.3                     | 69.93 | 203.3 | 68.63 | 202.1 | 66.83 | 202.1 | 65.25 | 202.1 | 63.29 | 199.4 | 61.90 |
|        | -7                | -7.6     | 209.1                     | 68.38 | 209.1 | 67.06 | 207.8 | 65.34 | 207.8 | 63.79 | 207.8 | 61.99 | 204.2 | 60.64 |
|        | -5                | -5.6     | 217.0                     | 66.40 | 217.0 | 65.07 | 215.3 | 63.43 | 215.3 | 61.97 | 215.3 | 60.38 | 207.1 | 57.91 |
|        | -3                | -3.7     | 224.5                     | 64.45 | 224.5 | 63.11 | 223.2 | 61.56 | 223.2 | 60.17 | 222.9 | 58.72 | 207.1 | 54.59 |
|        | 0                 | -0.7     | 236.0                     | 61.53 | 236.0 | 60.13 | 234.4 | 58.74 | 230.0 | 56.38 | 222.9 | 53.53 | 207.1 | 52.39 |
|        | 3                 | 2.2      | 247.7                     | 58.59 | 247.7 | 57.16 | 238.1 | 54.11 | 230.0 | 51.96 | 222.9 | 51.15 | 207.1 | 50.16 |
|        | 5                 | 4.1      | 237.1                     | 50.90 | 233.5 | 48.84 | 223.5 | 46.55 | 215.4 | 45.52 | 208.1 | 44.84 | 192.2 | 43.73 |
|        | 7                 | 6        | 223.2                     | 43.32 | 218.9 | 41.65 | 208.4 | 40.44 | 200.2 | 39.47 | 192.9 | 38.89 | 176.8 | 37.71 |
|        | 9                 | 7.9      | 208.9                     | 37.91 | 204.0 | 36.40 | 192.9 | 35.16 | 184.7 | 34.21 | 177.3 | 33.57 | 160.9 | 32.33 |
|        | 11                | 9.8      | 194.3                     | 33.29 | 188.4 | 31.78 | 176.8 | 30.50 | 168.6 | 29.57 | 160.9 | 28.92 | 144.5 | 27.62 |
|        | 13                | 11.8     | 179.1                     | 28.87 | 172.3 | 27.42 | 160.3 | 26.13 | 151.9 | 25.22 | 144.2 | 24.57 | 127.7 | 23.22 |
|        | 15                | 13.7     | 163.3                     | 24.70 | 155.6 | 23.29 | 143.0 | 22.04 | 134.6 | 21.18 | 126.8 | 20.51 | 110.0 | 19.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 76.60                     | 68.33 | 76.60 | 68.62 | 76.00 | 68.95 | 76.00 | 69.35 | 76.00 | 69.70 | 74.50 | 69.80 |
|        | -24.8             | -25      | 127.5                     | 68.77 | 127.5 | 69.08 | 126.5 | 69.36 | 126.5 | 69.78 | 126.5 | 70.11 | 124.1 | 70.25 |
|        | -21.8             | -22      | 154.8                     | 69.04 | 154.8 | 69.33 | 153.8 | 69.59 | 153.8 | 70.05 | 153.8 | 70.34 | 151.0 | 70.50 |
|        | -19.8             | -20      | 163.4                     | 69.20 | 163.4 | 69.48 | 162.5 | 69.77 | 162.5 | 70.21 | 162.5 | 70.50 | 159.1 | 70.65 |
|        | -18.8             | -19      | 166.9                     | 69.27 | 166.9 | 69.56 | 165.9 | 69.84 | 165.9 | 70.29 | 165.9 | 70.60 | 162.8 | 69.70 |
|        | -16.7             | -17      | 174.5                     | 69.45 | 174.5 | 69.74 | 173.1 | 70.00 | 173.1 | 70.46 | 173.1 | 68.66 | 169.9 | 67.73 |
|        | -15               | -15.9    | 179.6                     | 69.55 | 179.6 | 69.84 | 178.4 | 70.12 | 178.4 | 69.00 | 178.4 | 67.29 | 176.8 | 66.30 |
|        | -13.7             | -15      | 184.8                     | 69.68 | 184.8 | 69.97 | 183.7 | 70.27 | 183.7 | 67.56 | 183.7 | 65.93 | 183.7 | 64.91 |
|        | -11.8             | -13      | 190.8                     | 69.86 | 190.8 | 70.14 | 189.8 | 68.23 | 189.8 | 65.74 | 189.8 | 64.19 | 186.3 | 61.97 |
|        | -9.8              | -11      | 197.2                     | 70.01 | 197.2 | 67.88 | 196.0 | 66.12 | 196.0 | 63.81 | 196.0 | 62.38 | 186.3 | 58.65 |
|        | -9.5              | -10      | 198.3                     | 69.64 | 198.3 | 67.53 | 197.2 | 65.80 | 197.2 | 63.55 | 197.2 | 62.10 | 186.3 | 57.89 |
|        | -8.5              | -9.1     | 202.2                     | 68.44 | 202.2 | 66.40 | 201.0 | 64.75 | 201.0 | 62.58 | 199.6 | 60.79 | 186.3 | 57.01 |
|        | -7                | -7.6     | 208.0                     | 66.62 | 208.0 | 64.70 | 206.8 | 63.15 | 206.5 | 61.06 | 199.6 | 57.78 | 186.3 | 55.71 |
|        | -5                | -5.6     | 215.6                     | 64.32 | 215.6 | 62.58 | 213.6 | 61.00 | 206.5 | 57.22 | 199.6 | 55.18 | 186.3 | 54.04 |
|        | -3                | -3.7     | 223.3                     | 62.02 | 223.3 | 60.45 | 213.6 | 56.98 | 206.5 | 54.62 | 199.6 | 53.57 | 186.3 | 52.39 |
|        | 0                 | -0.7     | 234.5                     | 58.58 | 227.5 | 55.51 | 213.6 | 53.32 | 206.5 | 52.06 | 199.6 | 51.16 | 186.3 | 49.89 |
|        | 3                 | 2.2      | 240.8                     | 53.94 | 227.5 | 51.28 | 213.6 | 50.48 | 206.5 | 49.54 | 199.6 | 48.76 | 186.3 | 47.43 |
|        | 5                 | 4.1      | 228.0                     | 45.94 | 214.5 | 44.97 | 200.6 | 44.18 | 193.4 | 43.36 | 186.3 | 42.64 | 172.9 | 41.16 |
|        | 7                 | 6        | 214.7                     | 39.97 | 201.1 | 39.08 | 187.0 | 38.30 | 179.8 | 37.63 | 172.7 | 36.95 | 159.0 | 35.36 |
|        | 9                 | 7.9      | 201.1                     | 35.01 | 187.2 | 34.05 | 173.0 | 33.19 | 165.9 | 32.51 | 158.7 | 31.82 | 144.8 | 30.24 |
|        | 11                | 9.8      | 186.9                     | 30.64 | 173.0 | 29.65 | 158.7 | 28.73 | 151.3 | 28.04 | 144.1 | 27.35 | 130.1 | 25.78 |
|        | 13                | 11.8     | 172.3                     | 26.50 | 158.3 | 25.49 | 143.8 | 24.53 | 136.4 | 23.86 | 129.2 | 23.19 | 114.7 | 21.65 |
|        | 15                | 13.7     | 157.1                     | 22.58 | 142.9 | 21.61 | 128.3 | 20.63 | 120.9 | 20.01 | 113.5 | 19.32 | 98.90 | 17.85 |
| 100    | -30               | -30.2    | 76.00                     | 77.04 | 76.00 | 76.52 | 75.60 | 65.36 | 75.60 | 75.11 | 75.60 | 72.99 | 74.10 | 74.23 |
|        | -24.8             | -25      | 126.8                     | 75.22 | 126.8 | 74.68 | 126.1 | 68.79 | 126.1 | 73.28 | 126.1 | 72.70 | 123.5 | 72.40 |
|        | -21.8             | -22      | 154.1                     | 74.19 | 154.1 | 73.61 | 153.2 | 70.76 | 153.2 | 72.24 | 153.2 | 72.53 | 150.4 | 71.37 |
|        | -19.8             | -20      | 162.8                     | 73.48 | 162.8 | 72.92 | 161.6 | 71.95 | 161.6 | 71.52 | 161.6 | 71.24 | 158.5 | 70.65 |
|        | -18.8             | -19      | 166.2                     | 73.12 | 165.2 | 72.58 | 165.2 | 72.03 | 165.2 | 71.17 | 165.2 | 70.60 | 162.1 | 69.51 |
|        | -16.7             | -17      | 172.5                     | 72.41 | 172.5 | 71.83 | 172.5 | 72.18 | 171.5 | 70.46 | 171.5 | 68.23 | 168.3 | 67.10 |
|        | -15               | -15.9    | 178.3                     | 71.86 | 178.3 | 71.30 | 177.7 | 71.21 | 177.3 | 68.74 | 177.3 | 66.52 | 170.2 | 64.01 |
|        | -13.7             | -15      | 183.9                     | 71.34 | 183.9 | 70.80 | 183.0 | 70.27 | 183.0 | 67.05 | 182.9 | 64.82 | 170.2 | 60.40 |
|        | -11.8             | -13      | 189.8                     | 70.70 | 188.9 | 70.14 | 188.9 | 68.01 | 188.9 | 64.90 | 182.9 | 60.75 | 170.2 | 58.34 |
|        | -9.8              | -11      | 196.3                     | 70.01 | 196.3 | 67.62 | 195.3 | 65.64 | 189.1 | 60.64 | 182.9 | 57.40 | 170.2 | 56.19 |
|        | -9.5              | -10      | 197.2                     | 69.61 | 197.2 | 67.23 | 195.3 | 64.90 | 189.1 | 60.00 | 182.9 | 57.08 | 170.2 | 55.87 |
|        | -8.5              | -9.1     | 201.2                     | 68.31 | 201.2 | 65.99 | 195.3 | 62.50 | 189.1 | 58.04 | 182.9 | 56.01 | 170.2 | 54.78 |
|        | -7                | -7.6     | 210.3                     | 66.34 | 207.7 | 63.58 | 195.3 | 59.09 | 189.1 | 56.43 | 182.9 | 54.44 | 170.2 | 53.18 |
|        | -5                | -5.6     | 219.5                     | 63.85 | 207.7 | 58.98 | 195.3 | 56.98 | 189.1 | 54.41 | 182.9 | 52.46 | 170.2 | 51.15 |
|        | -3                | -3.7     | 220.4                     | 59.92 | 207.7 | 56.29 | 195.3 | 54.87 | 189.1 | 52.39 | 182.9 | 50.45 | 170.2 | 49.11 |
|        | 0                 | -0.7     | 220.4                     | 54.68 | 207.7 | 52.89 | 195.3 | 51.65 | 189.1 | 49.36 | 182.9 | 47.44 | 170.2 | 46.05 |
|        | 3                 | 2.2      | 220.4                     | 51.13 | 207.7 | 49.51 | 195.3 | 48.46 | 189.1 | 46.32 | 182.9 | 44.46 | 170.2 | 42.97 |
|        | 5                 | 4.1      | 208.6                     | 44.76 | 195.9 | 43.18 | 183.3 | 42.15 | 177.0 | 40.23 | 170.8 | 38.46 | 157.9 | 36.86 |
|        | 7                 | 6        | 196.5                     | 38.80 | 183.6 | 37.31 | 171.1 | 36.32 | 164.6 | 34.59 | 158.4 | 32.94 | 145.4 | 31.28 |
|        | 9                 | 7.9      | 183.9                     | 33.88 | 171.1 | 32.44 | 158.1 | 31.43 | 151.9 | 29.83 | 145.4 | 28.30 | 132.3 | 26.71 |
|        | 11                | 9.8      | 171.1                     | 29.59 | 158.0 | 28.15 | 145.1 | 27.13 | 138.6 | 25.66 | 132.1 | 24.27 | 118.8 | 22.73 |
|        | 13                | 11.8     | 157.5                     | 25.52 | 144.5 | 24.17 | 131.4 | 23.12 | 124.9 | 21.80 | 118.4 | 20.54 | 104.8 | 19.06 |
|        | 15                | 13.7     | 143.8                     | 21.70 | 130.5 | 20.44 | 117.2 | 19.41 | 110.7 | 18.26 | 104.1 | 17.10 | 90.50 | 15.74 |
| 90     | -30               | -30.2    | 75.90                     | 67.02 | 75.90 | 67.42 | 75.40 | 67.73 | 75.40 | 67.87 | 75.40 | 68.20 | 73.90 | 74.53 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 126.4                     | 67.43 | 126.4 | 67.88 | 125.6 | 68.19 | 125.6 | 68.33 | 125.6 | 68.63 | 123.2 | 69.08 |
|        | -21.8             | -22      | 153.5                     | 67.67 | 153.5 | 68.13 | 152.6 | 68.44 | 152.6 | 68.58 | 152.6 | 68.89 | 149.8 | 65.95 |
|        | -19.8             | -20      | 162.1                     | 67.87 | 162.1 | 68.29 | 161.0 | 68.62 | 161.0 | 68.76 | 161.0 | 66.77 | 155.6 | 62.89 |
|        | -18.8             | -19      | 166.2                     | 67.95 | 165.2 | 68.39 | 164.6 | 68.69 | 164.6 | 67.66 | 164.6 | 65.69 | 155.6 | 60.61 |
|        | -16.7             | -17      | 172.5                     | 68.12 | 172.5 | 68.55 | 171.8 | 66.43 | 171.8 | 65.38 | 167.7 | 61.98 | 155.6 | 57.58 |
|        | -15               | -15.9    | 178.3                     | 68.23 | 178.3 | 66.89 | 177.0 | 64.84 | 173.2 | 62.39 | 167.7 | 59.58 | 155.6 | 56.12 |
|        | -13.7             | -15      | 183.9                     | 68.37 | 183.9 | 65.23 | 178.6 | 61.99 | 173.2 | 59.08 | 167.7 | 57.25 | 155.6 | 54.68 |
|        | -11.8             | -13      | 189.8                     | 66.12 | 188.9 | 63.14 | 178.6 | 58.10 | 173.2 | 57.03 | 167.7 | 55.37 | 155.6 | 52.82 |
|        | -9.8              | -11      | 196.3                     | 63.76 | 189.8 | 58.92 | 178.6 | 56.10 | 173.2 | 55.00 | 167.7 | 53.40 | 155.6 | 50.90 |
|        | -9.5              | -10      | 197.2                     | 63.39 | 189.8 | 58.32 | 178.6 | 55.80 | 173.2 | 54.68 | 167.7 | 53.11 | 155.6 | 50.61 |
|        | -8.5              | -9.1     | 201.2                     | 62.21 | 189.8 | 56.57 | 178.6 | 54.81 | 173.2 | 53.69 | 167.7 | 52.12 | 155.6 | 49.65 |
|        | -7                | -7.6     | 201.8                     | 57.99 | 189.8 | 54.95 | 178.6 | 53.31 | 173.2 | 52.18 | 167.7 | 50.64 | 155.6 | 48.20 |
|        | -5                | -5.6     | 201.8                     | 55.23 | 189.8 | 52.99 | 178.6 | 51.41 | 173.2 | 50.24 | 167.7 | 48.78 | 155.6 | 46.40 |
|        | -3                | -3.7     | 201.8                     | 53.11 | 189.8 | 51.01 | 178.6 | 49.53 | 173.2 | 48.32 | 167.7 | 46.89 | 155.6 | 44.54 |
|        | 0                 | -0.7     | 201.8                     | 49.93 | 189.8 | 48.05 | 178.6 | 46.70 | 173.2 | 45.44 | 167.7 | 44.10 | 155.6 | 41.82 |
|        | 3                 | 2.2      | 201.8                     | 46.74 | 189.8 | 45.13 | 178.6 | 43.86 | 173.2 | 42.56 | 167.7 | 41.29 | 155.6 | 39.06 |
|        | 5                 | 4.1      | 191.0                     | 40.99 | 179.0 | 39.51 | 167.7 | 38.26 | 162.1 | 36.97 | 156.6 | 35.77 | 144.4 | 33.61 |
|        | 7                 | 6        | 179.8                     | 35.63 | 167.8 | 34.29 | 156.3 | 33.07 | 150.9 | 31.79 | 145.1 | 30.71 | 132.9 | 28.63 |
|        | 9                 | 7.9      | 168.4                     | 30.79 | 156.3 | 29.50 | 144.8 | 28.33 | 139.1 | 27.14 | 133.3 | 26.12 | 120.9 | 24.20 |
|        | 11                | 9.8      | 156.6                     | 26.32 | 144.3 | 25.12 | 132.7 | 23.98 | 127.0 | 22.93 | 121.2 | 21.98 | 108.5 | 20.22 |
|        | 13                | 11.8     | 144.4                     | 22.28 | 132.1 | 21.13 | 120.3 | 20.06 | 114.3 | 19.11 | 108.5 | 18.27 | 95.80 | 16.66 |
|        | 15                | 13.7     | 131.7                     | 18.59 | 119.1 | 17.53 | 107.3 | 16.53 | 101.3 | 15.70 | 95.40 | 14.94 | 82.70 | 13.52 |
| 80     | -30               | -30.2    | 75.40                     | 59.17 | 75.40 | 59.66 | 75.00 | 60.02 | 75.00 | 59.59 | 75.00 | 66.16 | 73.50 | 63.40 |
|        | -24.8             | -25      | 125.9                     | 59.69 | 125.9 | 60.16 | 125.0 | 60.47 | 125.0 | 60.61 | 125.0 | 61.36 | 122.6 | 58.78 |
|        | -21.8             | -22      | 152.0                     | 59.99 | 152.0 | 60.43 | 152.0 | 60.74 | 152.0 | 61.18 | 149.4 | 57.62 | 139.1 | 53.26 |
|        | -19.8             | -20      | 160.4                     | 60.17 | 160.4 | 60.61 | 159.9 | 60.88 | 155.0 | 57.25 | 149.4 | 53.86 | 139.1 | 51.56 |
|        | -18.8             | -19      | 163.9                     | 60.28 | 163.9 | 61.01 | 159.9 | 58.61 | 155.0 | 55.29 | 149.4 | 53.02 | 139.1 | 50.76 |
|        | -16.7             | -17      | 168.6                     | 60.90 | 168.6 | 58.98 | 159.9 | 55.08 | 155.0 | 53.40 | 149.4 | 51.19 | 139.1 | 49.02 |
|        | -15               | -15.9    | 172.4                     | 59.38 | 170.2 | 57.38 | 159.9 | 53.68 | 155.0 | 52.01 | 149.4 | 49.89 | 139.1 | 47.76 |
|        | -13.7             | -15      | 176.1                     | 57.90 | 170.2 | 55.26 | 159.9 | 52.31 | 155.0 | 50.66 | 149.4 | 48.63 | 139.1 | 46.53 |
|        | -11.8             | -13      | 180.7                     | 56.01 | 170.2 | 52.67 | 159.9 | 50.57 | 155.0 | 48.98 | 149.4 | 47.00 | 139.1 | 44.98 |
|        | -9.8              | -11      | 180.7                     | 52.61 | 170.2 | 50.14 | 159.9 | 48.77 | 155.0 | 47.16 | 149.4 | 45.30 | 139.1 | 43.35 |
|        | -9.5              | -10      | 180.7                     | 51.96 | 170.2 | 49.59 | 159.9 | 48.49 | 155.0 | 46.90 | 149.4 | 45.04 | 139.1 | 43.10 |
|        | -8.5              | -9.1     | 180.7                     | 50.56 | 170.2 | 48.53 | 159.9 | 47.58 | 155.0 | 46.00 | 149.4 | 44.20 | 139.1 | 42.31 |
|        | -7                | -7.6     | 180.7                     | 48.67 | 170.2 | 47.15 | 159.9 | 46.23 | 155.0 | 44.65 | 149.4 | 42.94 | 139.1 | 41.06 |
|        | -5                | -5.6     | 180.7                     | 46.88 | 170.2 | 45.48 | 159.9 | 44.50 | 155.0 | 42.97 | 149.4 | 41.31 | 139.1 | 39.53 |
|        | -3                | -3.7     | 180.7                     | 45.11 | 170.2 | 43.75 | 159.9 | 42.78 | 155.0 | 41.25 | 149.4 | 39.70 | 139.1 | 37.97 |
|        | 0                 | -0.7     | 180.7                     | 42.45 | 170.2 | 41.18 | 159.9 | 40.19 | 155.0 | 38.70 | 149.4 | 37.28 | 139.1 | 35.64 |
|        | 3                 | 2.2      | 180.7                     | 39.79 | 170.2 | 38.61 | 159.9 | 37.59 | 155.0 | 36.14 | 149.4 | 34.89 | 139.1 | 33.34 |
|        | 5                 | 4.1      | 171.1                     | 34.98 | 160.6 | 33.84 | 150.0 | 32.78 | 145.1 | 31.39 | 139.5 | 30.27 | 129.2 | 28.74 |
|        | 7                 | 6        | 161.1                     | 30.50 | 150.4 | 29.39 | 140.0 | 28.30 | 134.9 | 27.00 | 129.3 | 25.98 | 118.7 | 24.55 |
|        | 9                 | 7.9      | 150.9                     | 26.03 | 140.1 | 24.99 | 129.5 | 23.94 | 124.4 | 22.79 | 118.7 | 21.87 | 108.1 | 20.54 |
|        | 11                | 9.8      | 140.1                     | 21.80 | 129.5 | 20.84 | 118.7 | 19.89 | 113.5 | 18.85 | 107.9 | 18.04 | 97.00 | 16.82 |
|        | 13                | 11.8     | 129.2                     | 18.22 | 118.4 | 17.33 | 107.6 | 16.44 | 102.3 | 15.55 | 96.70 | 14.84 | 85.80 | 13.72 |
|        | 15                | 13.7     | 117.8                     | 15.23 | 106.9 | 14.41 | 96.10 | 13.58 | 90.80 | 12.82 | 84.90 | 12.18 | 73.80 | 11.17 |
| 70     | -30               | -30.2    | 75.40                     | 58.62 | 75.40 | 58.79 | 75.00 | 59.10 | 75.00 | 65.20 | 75.00 | 62.10 | 73.50 | 59.25 |
|        | -24.8             | -25      | 125.9                     | 59.12 | 125.9 | 59.27 | 125.0 | 59.58 | 125.0 | 60.00 | 125.0 | 57.20 | 119.0 | 52.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 144.5                     | 59.41 | 144.5 | 59.55 | 136.1 | 56.78 | 131.4 | 54.11 | 127.5 | 51.59 | 119.0 | 49.17 |
|        | -19.8             | -20      | 153.2                     | 58.24 | 144.7 | 56.66 | 136.1 | 54.79 | 131.4 | 52.22 | 127.5 | 49.85 | 119.0 | 47.47 |
|        | -18.8             | -19      | 153.2                     | 56.61 | 144.7 | 55.67 | 136.1 | 53.81 | 131.4 | 51.27 | 127.5 | 48.95 | 119.0 | 46.62 |
|        | -16.7             | -17      | 153.2                     | 54.52 | 144.7 | 53.51 | 136.1 | 51.74 | 131.4 | 49.31 | 127.5 | 47.11 | 119.0 | 44.82 |
|        | -15               | -15.9    | 153.2                     | 53.00 | 144.7 | 51.99 | 136.1 | 50.26 | 131.4 | 47.90 | 127.5 | 45.79 | 119.0 | 43.55 |
|        | -13.7             | -15      | 153.2                     | 51.50 | 144.7 | 50.48 | 136.1 | 48.81 | 131.4 | 46.51 | 127.5 | 44.49 | 119.0 | 42.30 |
|        | -11.8             | -13      | 153.2                     | 49.59 | 144.7 | 48.56 | 136.1 | 46.96 | 131.4 | 44.75 | 127.5 | 42.83 | 119.0 | 40.70 |
|        | -9.8              | -11      | 153.2                     | 47.63 | 144.7 | 46.53 | 136.1 | 45.01 | 131.4 | 42.91 | 127.5 | 41.11 | 119.0 | 39.03 |
|        | -9.5              | -10      | 153.2                     | 47.32 | 144.7 | 46.24 | 136.1 | 44.70 | 131.4 | 42.63 | 127.5 | 40.86 | 119.0 | 38.78 |
|        | -8.5              | -9.1     | 153.2                     | 46.33 | 144.7 | 45.24 | 136.1 | 43.75 | 131.4 | 41.70 | 127.5 | 39.97 | 119.0 | 37.96 |
|        | -7                | -7.6     | 153.2                     | 44.85 | 144.7 | 43.76 | 136.1 | 42.31 | 131.4 | 40.33 | 127.5 | 38.69 | 119.0 | 36.68 |
|        | -5                | -5.6     | 153.2                     | 42.96 | 144.7 | 41.82 | 136.1 | 40.43 | 131.4 | 38.57 | 127.5 | 37.05 | 119.0 | 35.12 |
|        | -3                | -3.7     | 153.2                     | 41.07 | 144.7 | 39.92 | 136.1 | 38.60 | 131.4 | 36.81 | 127.5 | 35.38 | 119.0 | 33.52 |
|        | 0                 | -0.7     | 153.2                     | 38.22 | 144.7 | 37.05 | 136.1 | 35.81 | 131.4 | 34.17 | 127.5 | 32.91 | 119.0 | 31.13 |
|        | 3                 | 2.2      | 153.2                     | 35.38 | 144.7 | 34.17 | 136.1 | 33.03 | 131.4 | 31.51 | 127.5 | 30.46 | 119.0 | 28.72 |
|        | 5                 | 4.1      | 145.1                     | 30.89 | 136.4 | 29.63 | 127.7 | 28.55 | 123.0 | 27.20 | 119.1 | 26.25 | 110.4 | 24.61 |
|        | 7                 | 6        | 136.5                     | 26.71 | 128.0 | 25.47 | 119.1 | 24.42 | 114.4 | 23.22 | 110.4 | 22.44 | 101.6 | 20.87 |
|        | 9                 | 7.9      | 127.8                     | 22.00 | 119.0 | 20.90 | 110.3 | 19.92 | 105.4 | 18.92 | 101.4 | 18.22 | 92.40 | 16.85 |
|        | 11                | 9.8      | 118.8                     | 18.53 | 110.0 | 17.54 | 101.1 | 16.68 | 96.40 | 15.78 | 92.10 | 15.14 | 83.10 | 13.91 |
|        | 13                | 11.8     | 109.5                     | 15.59 | 100.7 | 14.67 | 91.50 | 13.88 | 86.80 | 13.11 | 82.50 | 12.55 | 73.40 | 11.45 |
|        | 15                | 13.7     | 99.90                     | 13.10 | 90.80 | 12.29 | 81.80 | 11.57 | 76.90 | 10.88 | 72.60 | 10.38 | 63.20 | 9.43  |
| 60     | -30               | -30.2    | 74.30                     | 58.19 | 74.30 | 58.49 | 73.80 | 65.11 | 71.30 | 61.66 | 68.80 | 58.48 | 64.40 | 55.60 |
|        | -24.8             | -25      | 123.7                     | 58.70 | 123.7 | 58.99 | 116.6 | 56.41 | 112.8 | 53.49 | 108.8 | 50.75 | 101.9 | 48.19 |
|        | -21.8             | -22      | 131.4                     | 58.45 | 124.3 | 56.24 | 116.6 | 53.34 | 112.8 | 50.62 | 108.8 | 48.06 | 101.9 | 45.57 |
|        | -19.8             | -20      | 131.4                     | 56.14 | 124.3 | 54.09 | 116.6 | 51.30 | 112.8 | 48.69 | 108.8 | 46.24 | 101.9 | 43.84 |
|        | -18.8             | -19      | 131.4                     | 55.05 | 124.3 | 53.02 | 116.6 | 50.31 | 112.8 | 47.76 | 108.8 | 45.35 | 101.9 | 42.97 |
|        | -16.7             | -17      | 131.4                     | 52.78 | 124.3 | 50.76 | 116.6 | 48.15 | 112.8 | 45.76 | 108.8 | 43.49 | 101.9 | 41.17 |
|        | -15               | -15.9    | 131.4                     | 51.16 | 124.3 | 49.15 | 116.6 | 46.64 | 112.8 | 44.34 | 108.8 | 42.14 | 101.9 | 39.88 |
|        | -13.7             | -15      | 131.4                     | 49.56 | 124.3 | 47.58 | 116.6 | 45.14 | 112.8 | 42.93 | 108.8 | 40.82 | 101.9 | 38.60 |
|        | -11.8             | -13      | 131.4                     | 47.52 | 124.3 | 45.54 | 116.6 | 43.23 | 112.8 | 41.14 | 108.8 | 39.14 | 101.9 | 36.96 |
|        | -9.8              | -11      | 131.4                     | 45.37 | 124.3 | 43.42 | 116.6 | 41.25 | 112.8 | 39.26 | 108.8 | 37.37 | 101.9 | 35.27 |
|        | -9.5              | -10      | 131.4                     | 45.05 | 124.3 | 43.11 | 116.6 | 40.96 | 112.8 | 38.98 | 108.8 | 37.10 | 101.9 | 35.02 |
|        | -8.5              | -9.1     | 131.4                     | 43.99 | 124.3 | 42.06 | 116.6 | 39.96 | 112.8 | 38.06 | 108.8 | 36.24 | 101.9 | 34.17 |
|        | -7                | -7.6     | 131.4                     | 42.41 | 124.3 | 40.50 | 116.6 | 38.46 | 112.8 | 36.66 | 108.8 | 34.93 | 101.9 | 32.89 |
|        | -5                | -5.6     | 131.4                     | 40.35 | 124.3 | 38.46 | 116.6 | 36.57 | 112.8 | 34.87 | 108.8 | 33.23 | 101.9 | 31.28 |
|        | -3                | -3.7     | 131.4                     | 38.33 | 124.3 | 36.44 | 116.6 | 34.65 | 112.8 | 33.08 | 108.8 | 31.53 | 101.9 | 29.64 |
|        | 0                 | -0.7     | 131.4                     | 35.24 | 124.3 | 33.39 | 116.6 | 31.78 | 112.8 | 30.38 | 108.8 | 29.02 | 101.9 | 27.20 |
|        | 3                 | 2.2      | 131.4                     | 32.18 | 124.3 | 30.35 | 116.6 | 28.91 | 112.8 | 27.69 | 108.8 | 26.49 | 101.9 | 24.75 |
|        | 5                 | 4.1      | 124.3                     | 27.85 | 117.2 | 26.11 | 109.5 | 24.79 | 105.7 | 23.73 | 101.6 | 22.68 | 94.50 | 21.05 |
|        | 7                 | 6        | 117.1                     | 23.86 | 110.0 | 22.20 | 102.0 | 21.01 | 98.20 | 20.13 | 94.20 | 19.21 | 87.00 | 17.72 |
|        | 9                 | 7.9      | 109.7                     | 19.47 | 102.3 | 18.05 | 94.50 | 17.02 | 90.50 | 16.27 | 86.50 | 15.50 | 79.30 | 14.20 |
|        | 11                | 9.8      | 102.0                     | 16.51 | 94.50 | 15.26 | 86.60 | 14.33 | 82.70 | 13.68 | 78.50 | 13.00 | 71.20 | 11.83 |
|        | 13                | 11.8     | 93.90                     | 13.97 | 86.50 | 12.86 | 78.50 | 12.05 | 74.40 | 11.46 | 70.40 | 10.86 | 62.80 | 9.85  |
|        | 15                | 13.7     | 85.80                     | 11.85 | 78.10 | 10.87 | 70.10 | 10.13 | 66.00 | 9.61  | 61.90 | 9.11  | 54.20 | 8.20  |
| 50     | -30               | -30.2    | 69.40                     | 50.23 | 65.40 | 56.07 | 61.40 | 53.10 | 59.50 | 50.35 | 57.40 | 47.69 | 53.60 | 45.34 |
|        | -24.8             | -25      | 109.7                     | 48.14 | 103.5 | 48.55 | 97.30 | 46.01 | 94.20 | 43.64 | 90.90 | 41.40 | 84.70 | 39.29 |
|        | -21.8             | -22      | 109.7                     | 48.42 | 103.5 | 45.90 | 97.30 | 43.51 | 94.20 | 41.28 | 90.90 | 39.19 | 84.70 | 37.15 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 109.7                     | 46.57 | 103.5 | 44.11 | 97.30 | 41.84 | 94.20 | 39.70 | 90.90 | 37.71 | 84.70 | 35.74 |
|        | -18.8             | -19      | 109.7                     | 45.65 | 103.5 | 43.23 | 97.30 | 41.04 | 94.20 | 38.91 | 90.90 | 36.99 | 84.70 | 35.06 |
|        | -16.7             | -17      | 109.7                     | 43.72 | 103.5 | 41.39 | 97.30 | 39.30 | 94.20 | 37.25 | 90.90 | 35.45 | 84.70 | 33.58 |
|        | -15               | -15.9    | 109.7                     | 42.34 | 103.5 | 40.05 | 97.30 | 38.06 | 94.20 | 36.09 | 90.90 | 34.35 | 84.70 | 32.52 |
|        | -13.7             | -15      | 109.7                     | 40.96 | 103.5 | 38.74 | 97.30 | 36.81 | 94.20 | 34.93 | 90.90 | 33.28 | 84.70 | 31.48 |
|        | -11.8             | -13      | 109.7                     | 39.22 | 103.5 | 37.09 | 97.30 | 35.30 | 94.20 | 33.48 | 90.90 | 31.90 | 84.70 | 30.16 |
|        | -9.8              | -11      | 109.7                     | 37.42 | 103.5 | 35.35 | 97.30 | 33.65 | 94.20 | 31.91 | 90.90 | 30.46 | 84.70 | 28.78 |
|        | -9.5              | -10      | 109.7                     | 37.14 | 103.5 | 35.09 | 97.30 | 33.40 | 94.20 | 31.69 | 90.90 | 30.26 | 84.70 | 28.57 |
|        | -8.5              | -9.1     | 109.7                     | 36.26 | 103.5 | 34.22 | 97.30 | 32.61 | 94.20 | 30.93 | 90.90 | 29.54 | 84.70 | 27.88 |
|        | -7                | -7.6     | 109.7                     | 34.87 | 103.5 | 32.93 | 97.30 | 31.39 | 94.20 | 29.79 | 90.90 | 28.46 | 84.70 | 26.84 |
|        | -5                | -5.6     | 109.7                     | 33.13 | 103.5 | 31.26 | 97.30 | 29.84 | 94.20 | 28.32 | 90.90 | 27.10 | 84.70 | 25.52 |
|        | -3                | -3.7     | 109.7                     | 31.42 | 103.5 | 29.59 | 97.30 | 28.27 | 94.20 | 26.82 | 90.90 | 25.71 | 84.70 | 24.19 |
|        | 0                 | -0.7     | 109.7                     | 28.79 | 103.5 | 27.07 | 97.30 | 25.92 | 94.20 | 24.61 | 90.90 | 23.66 | 84.70 | 22.21 |
|        | 3                 | 2.2      | 109.7                     | 26.17 | 103.5 | 24.59 | 97.30 | 23.60 | 94.20 | 22.40 | 90.90 | 21.59 | 84.70 | 20.23 |
|        | 5                 | 4.1      | 103.8                     | 22.65 | 97.60 | 21.16 | 91.40 | 20.29 | 88.30 | 19.22 | 85.00 | 18.57 | 78.50 | 17.27 |
|        | 7                 | 6        | 97.90                     | 19.40 | 91.40 | 18.05 | 85.20 | 17.28 | 82.10 | 16.35 | 78.80 | 15.79 | 72.30 | 14.62 |
|        | 9                 | 7.9      | 91.50                     | 16.10 | 85.20 | 14.93 | 78.80 | 14.26 | 75.60 | 13.46 | 72.30 | 12.96 | 65.80 | 11.94 |
|        | 11                | 9.8      | 85.20                     | 13.77 | 78.70 | 12.73 | 72.20 | 12.10 | 69.10 | 11.40 | 65.70 | 10.96 | 59.20 | 10.05 |
|        | 13                | 11.8     | 78.40                     | 11.75 | 71.90 | 10.82 | 65.40 | 10.27 | 62.30 | 9.66  | 58.90 | 9.26  | 52.10 | 8.46  |
|        | 15                | 13.7     | 71.60                     | 10.06 | 65.10 | 9.25  | 58.50 | 8.74  | 55.10 | 8.19  | 51.80 | 7.85  | 45.00 | 7.12  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM640LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 79.20                     | 70.41 | 79.20 | 70.77 | 78.60 | 71.10 | 78.60 | 71.56 | 78.60 | 72.07 | 77.10 | 72.78 |
|        | -24.8             | -25      | 131.9                     | 71.54 | 131.9 | 71.91 | 130.9 | 72.22 | 130.9 | 72.71 | 130.9 | 73.18 | 128.7 | 73.89 |
|        | -21.8             | -22      | 161.2                     | 72.19 | 161.2 | 72.56 | 160.2 | 72.89 | 160.2 | 73.37 | 160.2 | 73.82 | 157.0 | 74.56 |
|        | -19.8             | -20      | 170.5                     | 72.64 | 170.5 | 73.00 | 169.2 | 73.32 | 169.2 | 73.80 | 169.2 | 74.26 | 166.1 | 74.99 |
|        | -18.8             | -19      | 174.2                     | 72.83 | 174.2 | 73.22 | 173.1 | 73.53 | 173.1 | 74.01 | 173.1 | 74.47 | 169.7 | 75.20 |
|        | -16.7             | -17      | 182.0                     | 73.31 | 182.0 | 73.67 | 180.9 | 73.99 | 180.9 | 74.47 | 180.9 | 74.92 | 177.5 | 75.66 |
|        | -15               | -15.9    | 187.5                     | 73.62 | 187.5 | 73.99 | 186.5 | 74.30 | 186.5 | 74.78 | 186.5 | 75.25 | 182.9 | 74.24 |
|        | -13.7             | -15      | 193.3                     | 73.97 | 193.3 | 74.31 | 192.2 | 74.63 | 192.2 | 75.11 | 192.2 | 75.59 | 188.4 | 72.83 |
|        | -11.8             | -13      | 199.6                     | 74.36 | 199.6 | 74.72 | 198.2 | 75.05 | 198.2 | 75.54 | 198.2 | 73.68 | 195.3 | 71.04 |
|        | -9.8              | -11      | 206.1                     | 74.80 | 206.1 | 75.17 | 205.0 | 75.48 | 205.0 | 73.55 | 205.0 | 71.71 | 202.5 | 69.17 |
|        | -9.5              | -10      | 207.3                     | 74.88 | 207.3 | 75.21 | 206.1 | 75.16 | 206.1 | 73.25 | 206.0 | 71.42 | 203.5 | 68.89 |
|        | -8.5              | -9.1     | 211.4                     | 75.08 | 211.4 | 75.44 | 210.0 | 74.15 | 210.0 | 72.23 | 209.1 | 70.43 | 207.3 | 67.95 |
|        | -7                | -7.6     | 217.5                     | 75.41 | 217.5 | 73.98 | 215.9 | 72.64 | 215.9 | 70.74 | 215.9 | 68.94 | 212.8 | 66.55 |
|        | -5                | -5.6     | 225.3                     | 73.58 | 225.3 | 72.06 | 223.9 | 70.68 | 223.9 | 68.81 | 223.9 | 67.01 | 219.9 | 64.73 |
|        | -3                | -3.7     | 233.3                     | 71.74 | 233.3 | 70.14 | 231.9 | 68.69 | 231.9 | 66.84 | 231.9 | 65.07 | 226.9 | 62.83 |
|        | 0                 | -0.7     | 245.2                     | 69.02 | 245.2 | 67.31 | 243.7 | 65.72 | 243.7 | 63.93 | 243.7 | 62.19 | 227.5 | 57.44 |
|        | 3                 | 2.2      | 257.3                     | 66.28 | 257.3 | 64.42 | 255.6 | 62.79 | 253.4 | 60.48 | 244.4 | 56.71 | 227.5 | 54.49 |
|        | 5                 | 4.1      | 251.2                     | 59.86 | 245.6 | 56.08 | 243.7 | 54.50 | 237.4 | 51.55 | 228.1 | 49.27 | 211.2 | 47.48 |
|        | 7                 | 6        | 232.7                     | 50.07 | 230.3 | 47.91 | 227.4 | 46.22 | 220.7 | 44.28 | 211.5 | 42.73 | 194.2 | 40.92 |
|        | 9                 | 7.9      | 217.3                     | 43.77 | 214.4 | 41.82 | 210.4 | 40.01 | 203.5 | 38.52 | 194.2 | 37.04 | 176.9 | 35.22 |
|        | 11                | 9.8      | 202.1                     | 38.60 | 198.0 | 36.67 | 192.9 | 34.89 | 185.6 | 33.45 | 176.6 | 32.04 | 158.7 | 30.19 |
| 120    | 13                | 11.8     | 186.2                     | 33.62 | 181.1 | 31.75 | 174.7 | 29.95 | 167.3 | 28.63 | 158.0 | 27.29 | 140.2 | 25.44 |
|        | 15                | 13.7     | 169.8                     | 28.87 | 163.5 | 27.06 | 156.0 | 25.31 | 148.4 | 24.08 | 138.9 | 22.84 | 120.9 | 21.02 |
|        | -30               | -30.2    | 78.60                     | 70.77 | 78.60 | 71.10 | 78.00 | 71.56 | 78.00 | 72.07 | 78.00 | 72.78 | 76.50 | 73.31 |
|        | -24.8             | -25      | 130.9                     | 71.91 | 130.9 | 72.22 | 130.0 | 72.71 | 130.0 | 73.18 | 130.0 | 73.89 | 127.6 | 74.42 |
|        | -21.8             | -22      | 160.2                     | 72.56 | 160.2 | 72.89 | 159.0 | 73.37 | 159.0 | 73.82 | 159.0 | 74.56 | 156.1 | 75.06 |
|        | -19.8             | -20      | 169.2                     | 73.00 | 169.2 | 73.32 | 168.2 | 73.80 | 168.2 | 74.26 | 168.2 | 74.99 | 164.8 | 75.48 |
|        | -18.8             | -19      | 173.0                     | 73.22 | 173.0 | 73.53 | 171.8 | 74.01 | 171.8 | 74.47 | 171.8 | 75.20 | 168.6 | 75.71 |
|        | -16.7             | -17      | 180.8                     | 73.67 | 180.8 | 73.99 | 179.6 | 74.47 | 179.6 | 74.92 | 179.6 | 75.66 | 176.1 | 73.87 |
|        | -15               | -15.9    | 186.4                     | 73.99 | 186.4 | 74.30 | 185.1 | 74.78 | 185.1 | 75.25 | 185.1 | 74.30 | 181.6 | 72.57 |
|        | -13.7             | -15      | 191.7                     | 74.31 | 191.7 | 74.63 | 190.7 | 75.11 | 190.7 | 75.59 | 190.7 | 72.94 | 187.1 | 71.29 |
|        | -11.8             | -13      | 198.1                     | 74.72 | 198.1 | 75.05 | 196.8 | 75.54 | 196.8 | 73.67 | 196.8 | 71.25 | 194.0 | 69.64 |
|        | -9.8              | -11      | 204.5                     | 75.17 | 204.5 | 75.48 | 203.3 | 73.44 | 203.3 | 71.67 | 203.3 | 69.46 | 201.2 | 67.93 |
|        | -9.5              | -10      | 206.0                     | 75.21 | 206.0 | 75.15 | 204.5 | 73.15 | 204.5 | 71.38 | 204.5 | 69.17 | 202.2 | 67.66 |
|        | -8.5              | -9.1     | 209.7                     | 75.44 | 209.7 | 74.04 | 208.5 | 72.10 | 208.5 | 70.39 | 208.5 | 68.29 | 205.9 | 66.79 |
|        | -7                | -7.6     | 215.7                     | 73.83 | 215.7 | 72.40 | 214.4 | 70.55 | 214.4 | 68.88 | 214.4 | 66.95 | 211.0 | 65.49 |
|        | -5                | -5.6     | 223.9                     | 71.70 | 223.9 | 70.26 | 222.2 | 68.49 | 222.2 | 66.92 | 222.2 | 65.20 | 213.7 | 62.40 |
|        | -3                | -3.7     | 231.6                     | 69.59 | 231.6 | 68.15 | 230.3 | 66.47 | 230.3 | 64.98 | 230.0 | 63.43 | 213.7 | 58.97 |
|        | 0                 | -0.7     | 243.5                     | 66.44 | 243.5 | 64.94 | 241.9 | 63.43 | 237.4 | 60.89 | 230.0 | 57.82 | 213.7 | 56.59 |
|        | 3                 | 2.2      | 255.5                     | 63.27 | 255.5 | 61.73 | 245.6 | 58.42 | 237.4 | 56.13 | 230.0 | 55.25 | 213.7 | 54.19 |
|        | 5                 | 4.1      | 244.7                     | 55.16 | 241.0 | 52.94 | 230.6 | 50.44 | 222.3 | 49.33 | 214.7 | 48.59 | 198.3 | 47.41 |
|        | 7                 | 6        | 230.4                     | 47.10 | 226.0 | 45.26 | 214.9 | 43.97 | 206.7 | 42.91 | 199.0 | 42.29 | 182.4 | 41.02 |
|        | 9                 | 7.9      | 215.7                     | 41.32 | 210.6 | 39.69 | 198.9 | 38.35 | 190.7 | 37.31 | 182.9 | 36.63 | 166.1 | 35.28 |
|        | 11                | 9.8      | 200.6                     | 36.39 | 194.5 | 34.76 | 182.3 | 33.36 | 174.0 | 32.36 | 166.1 | 31.65 | 149.1 | 30.23 |
|        | 13                | 11.8     | 184.9                     | 31.65 | 177.9 | 30.07 | 165.3 | 28.67 | 156.8 | 27.67 | 148.8 | 26.96 | 131.7 | 25.48 |
|        | 15                | 13.7     | 168.6                     | 27.15 | 160.6 | 25.60 | 147.5 | 24.22 | 138.9 | 23.28 | 130.8 | 22.54 | 113.5 | 21.06 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 78.30                     | 71.10 | 78.30 | 71.56 | 77.70 | 72.07 | 77.70 | 72.78 | 77.70 | 73.31 | 76.10 | 73.52 |
|        | -24.8             | -25      | 130.3                     | 72.22 | 130.3 | 72.71 | 129.4 | 73.18 | 129.4 | 73.89 | 129.4 | 74.42 | 126.8 | 74.66 |
|        | -21.8             | -22      | 159.1                     | 72.89 | 159.1 | 73.37 | 158.0 | 73.82 | 158.0 | 74.56 | 158.0 | 75.06 | 155.2 | 75.30 |
|        | -19.8             | -20      | 168.3                     | 73.32 | 168.3 | 73.80 | 167.3 | 74.26 | 167.3 | 74.99 | 167.3 | 75.48 | 163.9 | 75.73 |
|        | -18.8             | -19      | 171.9                     | 73.53 | 171.9 | 74.01 | 170.9 | 74.47 | 170.9 | 75.20 | 170.9 | 75.71 | 167.7 | 74.76 |
|        | -16.7             | -17      | 179.9                     | 73.99 | 179.9 | 74.47 | 178.5 | 74.92 | 178.5 | 75.66 | 178.5 | 73.74 | 175.2 | 72.73 |
|        | -15               | -15.9    | 185.2                     | 74.30 | 185.2 | 74.78 | 184.0 | 75.25 | 184.0 | 74.16 | 184.0 | 72.33 | 182.3 | 71.27 |
|        | -13.7             | -15      | 190.7                     | 74.63 | 190.7 | 75.11 | 189.5 | 75.59 | 189.5 | 72.67 | 189.5 | 70.92 | 189.5 | 69.83 |
|        | -11.8             | -13      | 196.8                     | 75.05 | 196.8 | 75.54 | 195.8 | 73.48 | 195.8 | 70.79 | 195.8 | 69.12 | 192.3 | 66.76 |
|        | -9.8              | -11      | 203.5                     | 75.48 | 203.5 | 73.18 | 202.3 | 71.28 | 202.3 | 68.80 | 202.3 | 67.26 | 192.3 | 63.17 |
|        | -9.5              | -10      | 204.5                     | 75.09 | 204.5 | 72.82 | 203.5 | 70.94 | 203.5 | 68.52 | 203.5 | 66.97 | 192.3 | 62.44 |
|        | -8.5              | -9.1     | 208.6                     | 73.84 | 208.6 | 71.64 | 207.4 | 69.85 | 207.4 | 67.52 | 206.0 | 65.58 | 192.3 | 61.52 |
|        | -7                | -7.6     | 214.7                     | 71.93 | 214.7 | 69.87 | 213.4 | 68.19 | 213.1 | 65.97 | 206.0 | 62.41 | 192.3 | 60.17 |
|        | -5                | -5.6     | 222.4                     | 69.46 | 222.4 | 67.57 | 220.4 | 65.86 | 213.1 | 61.82 | 206.0 | 59.61 | 192.3 | 58.37 |
|        | -3                | -3.7     | 230.4                     | 66.98 | 230.4 | 65.27 | 220.4 | 61.52 | 213.1 | 59.00 | 206.0 | 57.86 | 192.3 | 56.59 |
|        | 0                 | -0.7     | 242.0                     | 63.26 | 234.9 | 59.98 | 220.4 | 57.60 | 213.1 | 56.24 | 206.0 | 55.26 | 192.3 | 53.90 |
|        | 3                 | 2.2      | 248.6                     | 58.30 | 234.9 | 55.39 | 220.4 | 54.52 | 213.1 | 53.51 | 206.0 | 52.67 | 192.3 | 51.23 |
|        | 5                 | 4.1      | 235.4                     | 49.76 | 221.5 | 48.72 | 206.9 | 47.88 | 199.6 | 46.99 | 192.3 | 46.21 | 178.5 | 44.62 |
|        | 7                 | 6        | 221.7                     | 43.43 | 207.7 | 42.46 | 192.9 | 41.62 | 185.6 | 40.89 | 178.2 | 40.16 | 164.2 | 38.45 |
|        | 9                 | 7.9      | 207.6                     | 38.15 | 193.3 | 37.12 | 178.5 | 36.18 | 171.2 | 35.45 | 163.8 | 34.71 | 149.4 | 32.98 |
|        | 11                | 9.8      | 192.9                     | 33.49 | 178.6 | 32.41 | 163.8 | 31.41 | 156.2 | 30.65 | 148.8 | 29.90 | 134.3 | 28.20 |
|        | 13                | 11.8     | 177.9                     | 29.02 | 163.5 | 27.92 | 148.4 | 26.88 | 140.8 | 26.15 | 133.3 | 25.40 | 118.4 | 23.72 |
|        | 15                | 13.7     | 162.2                     | 24.79 | 147.5 | 23.71 | 132.4 | 22.64 | 124.8 | 21.95 | 117.1 | 21.19 | 102.1 | 19.57 |
| 100    | -30               | -30.2    | 77.70                     | 80.83 | 77.70 | 80.40 | 77.40 | 69.26 | 77.40 | 79.18 | 77.40 | 76.98 | 75.80 | 78.45 |
|        | -24.8             | -25      | 129.7                     | 79.45 | 129.7 | 79.00 | 129.0 | 73.11 | 129.0 | 77.80 | 129.0 | 77.32 | 126.2 | 77.07 |
|        | -21.8             | -22      | 158.3                     | 78.66 | 158.3 | 78.18 | 157.4 | 75.34 | 157.4 | 77.02 | 157.4 | 77.51 | 154.4 | 76.28 |
|        | -19.8             | -20      | 167.6                     | 78.12 | 167.6 | 77.64 | 166.5 | 76.71 | 166.5 | 76.47 | 166.5 | 76.32 | 163.3 | 75.73 |
|        | -18.8             | -19      | 171.2                     | 77.85 | 170.3 | 77.39 | 170.3 | 76.92 | 170.3 | 76.19 | 170.3 | 75.71 | 167.0 | 74.55 |
|        | -16.7             | -17      | 177.8                     | 77.32 | 177.8 | 76.82 | 177.8 | 77.36 | 176.8 | 75.66 | 176.8 | 73.26 | 173.6 | 72.06 |
|        | -15               | -15.9    | 183.9                     | 76.90 | 183.9 | 76.42 | 183.2 | 76.47 | 182.9 | 73.89 | 182.9 | 71.50 | 175.7 | 68.85 |
|        | -13.7             | -15      | 189.8                     | 76.50 | 189.8 | 76.04 | 188.7 | 75.59 | 188.7 | 72.12 | 188.7 | 69.73 | 175.7 | 64.99 |
|        | -11.8             | -13      | 195.9                     | 76.01 | 194.9 | 75.54 | 194.9 | 73.23 | 194.9 | 69.88 | 188.7 | 65.39 | 175.7 | 62.84 |
|        | -9.8              | -11      | 202.5                     | 75.48 | 202.5 | 72.91 | 201.6 | 70.76 | 195.1 | 65.37 | 188.7 | 61.90 | 175.7 | 60.60 |
|        | -9.5              | -10      | 203.5                     | 75.06 | 203.5 | 72.49 | 201.6 | 70.00 | 195.1 | 64.69 | 188.7 | 61.57 | 175.7 | 60.26 |
|        | -8.5              | -9.1     | 207.6                     | 73.71 | 207.6 | 71.19 | 201.6 | 67.43 | 195.1 | 62.63 | 188.7 | 60.46 | 175.7 | 59.12 |
|        | -7                | -7.6     | 217.0                     | 71.64 | 214.4 | 68.70 | 201.6 | 63.83 | 195.1 | 60.96 | 188.7 | 58.81 | 175.7 | 57.44 |
|        | -5                | -5.6     | 226.5                     | 68.95 | 214.4 | 63.76 | 201.6 | 61.55 | 195.1 | 58.77 | 188.7 | 56.66 | 175.7 | 55.25 |
|        | -3                | -3.7     | 227.4                     | 64.71 | 214.4 | 60.81 | 201.6 | 59.26 | 195.1 | 56.59 | 188.7 | 54.49 | 175.7 | 53.04 |
|        | 0                 | -0.7     | 227.4                     | 59.07 | 214.4 | 57.13 | 201.6 | 55.79 | 195.1 | 53.31 | 188.7 | 51.24 | 175.7 | 49.73 |
|        | 3                 | 2.2      | 227.4                     | 55.23 | 214.4 | 53.47 | 201.6 | 52.34 | 195.1 | 50.03 | 188.7 | 48.02 | 175.7 | 46.42 |
|        | 5                 | 4.1      | 215.3                     | 48.48 | 202.2 | 46.77 | 189.2 | 45.67 | 182.6 | 43.60 | 176.2 | 41.67 | 163.0 | 39.95 |
|        | 7                 | 6        | 202.8                     | 42.15 | 189.5 | 40.53 | 176.6 | 39.48 | 169.8 | 37.59 | 163.4 | 35.80 | 150.1 | 34.01 |
|        | 9                 | 7.9      | 189.7                     | 36.90 | 176.6 | 35.34 | 163.3 | 34.24 | 156.7 | 32.50 | 150.0 | 30.85 | 136.6 | 29.11 |
|        | 11                | 9.8      | 176.5                     | 32.31 | 163.1 | 30.75 | 149.8 | 29.64 | 143.0 | 28.03 | 136.3 | 26.51 | 122.6 | 24.83 |
|        | 13                | 11.8     | 162.5                     | 27.93 | 149.1 | 26.44 | 135.7 | 25.31 | 128.9 | 23.86 | 122.1 | 22.47 | 108.2 | 20.85 |
|        | 15                | 13.7     | 148.4                     | 23.79 | 134.7 | 22.40 | 121.0 | 21.27 | 114.2 | 19.99 | 107.4 | 18.73 | 93.40 | 17.21 |
| 90     | -30               | -30.2    | 77.60                     | 69.92 | 77.60 | 70.58 | 77.00 | 71.12 | 77.00 | 71.32 | 77.00 | 71.87 | 75.50 | 79.27 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 129.3                     | 71.02 | 129.3 | 71.74 | 128.4 | 72.26 | 128.4 | 72.48 | 128.4 | 72.98 | 125.9 | 73.72 |
|        | -21.8             | -22      | 157.7                     | 71.65 | 157.7 | 72.40 | 156.8 | 72.91 | 156.8 | 73.14 | 156.8 | 73.64 | 153.8 | 70.51 |
|        | -19.8             | -20      | 167.0                     | 72.11 | 167.0 | 72.83 | 165.8 | 73.36 | 165.8 | 73.59 | 165.8 | 71.46 | 160.6 | 67.51 |
|        | -18.8             | -19      | 171.2                     | 72.33 | 170.3 | 73.06 | 169.5 | 73.55 | 169.5 | 72.46 | 169.5 | 70.36 | 160.6 | 65.05 |
|        | -16.7             | -17      | 177.8                     | 72.79 | 177.8 | 73.50 | 177.1 | 71.24 | 177.1 | 70.11 | 173.1 | 66.52 | 160.6 | 61.78 |
|        | -15               | -15.9    | 183.9                     | 73.10 | 183.9 | 71.80 | 182.6 | 69.61 | 178.8 | 67.02 | 173.1 | 63.99 | 160.6 | 60.27 |
|        | -13.7             | -15      | 189.8                     | 73.43 | 189.8 | 70.07 | 184.4 | 66.60 | 178.8 | 63.49 | 173.1 | 61.53 | 160.6 | 58.77 |
|        | -11.8             | -13      | 195.9                     | 71.10 | 194.9 | 67.92 | 184.4 | 62.54 | 178.8 | 61.37 | 173.1 | 59.58 | 160.6 | 56.84 |
|        | -9.8              | -11      | 202.5                     | 68.65 | 195.8 | 63.48 | 184.4 | 60.44 | 178.8 | 59.24 | 173.1 | 57.54 | 160.6 | 54.84 |
|        | -9.5              | -10      | 203.5                     | 68.26 | 195.8 | 62.81 | 184.4 | 60.12 | 178.8 | 58.92 | 173.1 | 57.23 | 160.6 | 54.54 |
|        | -8.5              | -9.1     | 207.6                     | 67.05 | 195.8 | 60.99 | 184.4 | 59.09 | 178.8 | 57.89 | 173.1 | 56.20 | 160.6 | 53.53 |
|        | -7                | -7.6     | 208.2                     | 62.55 | 195.8 | 59.29 | 184.4 | 57.53 | 178.8 | 56.31 | 173.1 | 54.66 | 160.6 | 52.02 |
|        | -5                | -5.6     | 208.2                     | 59.60 | 195.8 | 57.19 | 184.4 | 55.50 | 178.8 | 54.23 | 173.1 | 52.66 | 160.6 | 50.08 |
|        | -3                | -3.7     | 208.2                     | 57.33 | 195.8 | 55.07 | 184.4 | 53.47 | 178.8 | 52.16 | 173.1 | 50.63 | 160.6 | 48.10 |
|        | 0                 | -0.7     | 208.2                     | 53.91 | 195.8 | 51.88 | 184.4 | 50.43 | 178.8 | 49.06 | 173.1 | 47.62 | 160.6 | 45.16 |
|        | 3                 | 2.2      | 208.2                     | 50.48 | 195.8 | 48.73 | 184.4 | 47.37 | 178.8 | 45.97 | 173.1 | 44.60 | 160.6 | 42.19 |
|        | 5                 | 4.1      | 197.0                     | 44.40 | 184.6 | 42.79 | 173.2 | 41.46 | 167.3 | 40.05 | 161.6 | 38.75 | 149.1 | 36.41 |
|        | 7                 | 6        | 185.5                     | 38.71 | 173.1 | 37.26 | 161.4 | 35.93 | 155.7 | 34.56 | 149.8 | 33.38 | 137.2 | 31.12 |
|        | 9                 | 7.9      | 173.7                     | 33.54 | 161.2 | 32.13 | 149.5 | 30.86 | 143.6 | 29.57 | 137.6 | 28.46 | 124.8 | 26.37 |
|        | 11                | 9.8      | 161.5                     | 28.75 | 148.8 | 27.42 | 137.0 | 26.18 | 131.1 | 25.03 | 125.1 | 24.00 | 112.0 | 22.07 |
|        | 13                | 11.8     | 149.0                     | 24.37 | 136.3 | 23.12 | 124.2 | 21.95 | 118.0 | 20.90 | 112.0 | 19.98 | 98.90 | 18.20 |
|        | 15                | 13.7     | 135.9                     | 20.37 | 122.9 | 19.22 | 110.8 | 18.10 | 104.6 | 17.19 | 98.50 | 16.34 | 85.40 | 14.77 |
| 80     | -30               | -30.2    | 77.10                     | 61.60 | 77.10 | 62.37 | 76.70 | 62.93 | 76.70 | 62.27 | 76.70 | 70.40 | 75.20 | 67.47 |
|        | -24.8             | -25      | 128.7                     | 62.78 | 128.7 | 63.53 | 127.8 | 64.05 | 127.8 | 64.28 | 127.8 | 65.50 | 125.3 | 62.75 |
|        | -21.8             | -22      | 156.1                     | 63.46 | 156.1 | 64.18 | 156.1 | 64.70 | 156.1 | 65.43 | 154.3 | 61.98 | 143.6 | 56.98 |
|        | -19.8             | -20      | 165.1                     | 63.90 | 165.1 | 64.63 | 164.9 | 65.29 | 160.0 | 61.46 | 154.3 | 57.69 | 143.6 | 55.23 |
|        | -18.8             | -19      | 168.9                     | 64.13 | 168.9 | 65.36 | 165.0 | 62.90 | 160.0 | 59.31 | 154.3 | 56.82 | 143.6 | 54.41 |
|        | -16.7             | -17      | 174.0                     | 65.32 | 174.0 | 63.27 | 165.0 | 59.10 | 160.0 | 57.30 | 154.3 | 54.95 | 143.6 | 52.62 |
|        | -15               | -15.9    | 177.9                     | 63.77 | 175.7 | 61.65 | 165.0 | 57.67 | 160.0 | 55.88 | 154.3 | 53.61 | 143.6 | 51.32 |
|        | -13.7             | -15      | 181.8                     | 62.23 | 175.7 | 59.42 | 165.0 | 56.24 | 160.0 | 54.47 | 154.3 | 52.29 | 143.6 | 50.04 |
|        | -11.8             | -13      | 186.4                     | 60.27 | 175.7 | 56.73 | 165.0 | 54.44 | 160.0 | 52.72 | 154.3 | 50.60 | 143.6 | 48.43 |
|        | -9.8              | -11      | 186.5                     | 56.75 | 175.7 | 54.10 | 165.0 | 52.56 | 160.0 | 50.83 | 154.3 | 48.82 | 143.6 | 46.72 |
|        | -9.5              | -10      | 186.5                     | 56.04 | 175.7 | 53.49 | 165.0 | 52.27 | 160.0 | 50.56 | 154.3 | 48.56 | 143.6 | 46.47 |
|        | -8.5              | -9.1     | 186.5                     | 54.55 | 175.7 | 52.34 | 165.0 | 51.32 | 160.0 | 49.62 | 154.3 | 47.69 | 143.6 | 45.64 |
|        | -7                | -7.6     | 186.5                     | 52.54 | 175.7 | 50.91 | 165.0 | 49.91 | 160.0 | 48.21 | 154.3 | 46.37 | 143.6 | 44.34 |
|        | -5                | -5.6     | 186.5                     | 50.62 | 175.7 | 49.10 | 165.0 | 48.04 | 160.0 | 46.40 | 154.3 | 44.61 | 143.6 | 42.69 |
|        | -3                | -3.7     | 186.5                     | 48.72 | 175.7 | 47.24 | 165.0 | 46.20 | 160.0 | 44.55 | 154.3 | 42.88 | 143.6 | 41.00 |
|        | 0                 | -0.7     | 186.5                     | 45.85 | 175.7 | 44.49 | 165.0 | 43.42 | 160.0 | 41.81 | 154.3 | 40.28 | 143.6 | 38.51 |
|        | 3                 | 2.2      | 186.5                     | 42.99 | 175.7 | 41.72 | 165.0 | 40.62 | 160.0 | 39.04 | 154.3 | 37.70 | 143.6 | 36.02 |
|        | 5                 | 4.1      | 176.6                     | 37.90 | 165.7 | 36.66 | 154.8 | 35.52 | 149.8 | 34.01 | 144.1 | 32.79 | 133.3 | 31.14 |
|        | 7                 | 6        | 166.3                     | 33.12 | 155.3 | 31.92 | 144.5 | 30.74 | 139.2 | 29.34 | 133.5 | 28.23 | 122.5 | 26.68 |
|        | 9                 | 7.9      | 155.7                     | 28.34 | 144.7 | 27.21 | 133.7 | 26.06 | 128.4 | 24.81 | 122.6 | 23.81 | 111.6 | 22.36 |
|        | 11                | 9.8      | 144.6                     | 23.77 | 133.7 | 22.73 | 122.5 | 21.68 | 117.2 | 20.55 | 111.4 | 19.67 | 100.2 | 18.33 |
|        | 13                | 11.8     | 133.4                     | 19.90 | 122.2 | 18.92 | 111.0 | 17.95 | 105.6 | 16.97 | 99.80 | 16.18 | 88.50 | 14.95 |
|        | 15                | 13.7     | 121.6                     | 16.64 | 110.4 | 15.73 | 99.10 | 14.82 | 93.70 | 13.97 | 87.70 | 13.26 | 76.20 | 12.15 |
| 70     | -30               | -30.2    | 77.10                     | 61.44 | 77.10 | 61.73 | 76.70 | 62.21 | 76.70 | 69.43 | 76.70 | 66.10 | 75.20 | 63.08 |
|        | -24.8             | -25      | 128.7                     | 62.62 | 128.7 | 62.87 | 127.8 | 63.37 | 127.8 | 64.09 | 127.8 | 61.09 | 122.9 | 57.15 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 149.0                     | 63.30 | 149.0 | 63.53 | 140.5 | 60.77 | 135.7 | 57.91 | 131.5 | 55.22 | 122.9 | 52.64 |
|        | -19.8             | -20      | 158.1                     | 61.97 | 149.3 | 60.71 | 140.5 | 58.71 | 135.7 | 55.96 | 131.5 | 53.42 | 122.9 | 50.87 |
|        | -18.8             | -19      | 158.1                     | 60.70 | 149.3 | 59.69 | 140.5 | 57.70 | 135.7 | 54.98 | 131.5 | 52.48 | 122.9 | 49.99 |
|        | -16.7             | -17      | 158.1                     | 58.52 | 149.3 | 57.44 | 140.5 | 55.55 | 135.7 | 52.94 | 131.5 | 50.59 | 122.9 | 48.13 |
|        | -15               | -15.9    | 158.1                     | 56.96 | 149.3 | 55.87 | 140.5 | 54.01 | 135.7 | 51.48 | 131.5 | 49.22 | 122.9 | 46.82 |
|        | -13.7             | -15      | 158.1                     | 55.39 | 149.3 | 54.29 | 140.5 | 52.49 | 135.7 | 50.04 | 131.5 | 47.86 | 122.9 | 45.50 |
|        | -11.8             | -13      | 158.1                     | 53.40 | 149.3 | 52.30 | 140.5 | 50.56 | 135.7 | 48.19 | 131.5 | 46.13 | 122.9 | 43.84 |
|        | -9.8              | -11      | 158.1                     | 51.35 | 149.3 | 50.17 | 140.5 | 48.53 | 135.7 | 46.26 | 131.5 | 44.33 | 122.9 | 42.09 |
|        | -9.5              | -10      | 158.1                     | 51.03 | 149.3 | 49.86 | 140.5 | 48.21 | 135.7 | 45.96 | 131.5 | 44.06 | 122.9 | 41.83 |
|        | -8.5              | -9.1     | 158.1                     | 49.99 | 149.3 | 48.82 | 140.5 | 47.21 | 135.7 | 45.00 | 131.5 | 43.14 | 122.9 | 40.96 |
|        | -7                | -7.6     | 158.1                     | 48.43 | 149.3 | 47.26 | 140.5 | 45.70 | 135.7 | 43.56 | 131.5 | 41.79 | 122.9 | 39.63 |
|        | -5                | -5.6     | 158.1                     | 46.40 | 149.3 | 45.18 | 140.5 | 43.67 | 135.7 | 41.66 | 131.5 | 40.02 | 122.9 | 37.94 |
|        | -3                | -3.7     | 158.1                     | 44.37 | 149.3 | 43.13 | 140.5 | 41.69 | 135.7 | 39.76 | 131.5 | 38.23 | 122.9 | 36.21 |
|        | 0                 | -0.7     | 158.1                     | 41.31 | 149.3 | 40.03 | 140.5 | 38.70 | 135.7 | 36.92 | 131.5 | 35.57 | 122.9 | 33.64 |
|        | 3                 | 2.2      | 158.1                     | 38.25 | 149.3 | 36.94 | 140.5 | 35.70 | 135.7 | 34.07 | 131.5 | 32.92 | 122.9 | 31.05 |
|        | 5                 | 4.1      | 149.7                     | 33.46 | 140.7 | 32.10 | 131.9 | 30.95 | 127.1 | 29.48 | 122.8 | 28.45 | 114.0 | 26.67 |
|        | 7                 | 6        | 140.9                     | 29.01 | 132.0 | 27.67 | 122.9 | 26.53 | 118.1 | 25.22 | 113.9 | 24.37 | 105.0 | 22.66 |
|        | 9                 | 7.9      | 131.9                     | 23.94 | 122.8 | 22.73 | 113.9 | 21.68 | 108.9 | 20.59 | 104.6 | 19.82 | 95.40 | 18.33 |
|        | 11                | 9.8      | 122.6                     | 20.19 | 113.5 | 19.10 | 104.3 | 18.16 | 99.50 | 17.18 | 95.00 | 16.48 | 85.80 | 15.14 |
|        | 13                | 11.8     | 113.0                     | 17.00 | 103.9 | 16.00 | 94.50 | 15.12 | 89.60 | 14.27 | 85.10 | 13.66 | 75.80 | 12.46 |
|        | 15                | 13.7     | 103.1                     | 14.29 | 93.70 | 13.38 | 84.50 | 12.60 | 79.40 | 11.82 | 74.80 | 11.28 | 65.30 | 10.22 |
| 60     | -30               | -30.2    | 76.50                     | 60.93 | 76.50 | 61.41 | 75.90 | 69.15 | 73.60 | 65.49 | 71.00 | 62.11 | 66.60 | 59.08 |
|        | -24.8             | -25      | 127.3                     | 62.11 | 127.3 | 62.59 | 120.4 | 60.34 | 116.4 | 57.02 | 112.3 | 54.12 | 105.3 | 51.40 |
|        | -21.8             | -22      | 135.7                     | 62.31 | 128.3 | 60.05 | 120.4 | 56.96 | 116.4 | 54.06 | 112.3 | 51.34 | 105.3 | 48.70 |
|        | -19.8             | -20      | 135.7                     | 60.01 | 128.3 | 57.83 | 120.4 | 54.85 | 116.4 | 52.08 | 112.3 | 49.47 | 105.3 | 46.91 |
|        | -18.8             | -19      | 135.7                     | 58.88 | 128.3 | 56.72 | 120.4 | 53.83 | 116.4 | 51.12 | 112.3 | 48.55 | 105.3 | 46.00 |
|        | -16.7             | -17      | 135.7                     | 56.53 | 128.3 | 54.38 | 120.4 | 51.60 | 116.4 | 49.04 | 112.3 | 46.62 | 105.3 | 44.13 |
|        | -15               | -15.9    | 135.7                     | 54.86 | 128.3 | 52.72 | 120.4 | 50.03 | 116.4 | 47.57 | 112.3 | 45.22 | 105.3 | 42.80 |
|        | -13.7             | -15      | 135.7                     | 53.19 | 128.3 | 51.08 | 120.4 | 48.47 | 116.4 | 46.10 | 112.3 | 43.85 | 105.3 | 41.46 |
|        | -11.8             | -13      | 135.7                     | 51.07 | 128.3 | 48.96 | 120.4 | 46.47 | 116.4 | 44.23 | 112.3 | 42.09 | 105.3 | 39.76 |
|        | -9.8              | -11      | 135.7                     | 48.83 | 128.3 | 46.74 | 120.4 | 44.40 | 116.4 | 42.28 | 112.3 | 40.25 | 105.3 | 37.99 |
|        | -9.5              | -10      | 135.7                     | 48.50 | 128.3 | 46.41 | 120.4 | 44.10 | 116.4 | 41.98 | 112.3 | 39.96 | 105.3 | 37.72 |
|        | -8.5              | -9.1     | 135.7                     | 47.39 | 128.3 | 45.32 | 120.4 | 43.06 | 116.4 | 41.02 | 112.3 | 39.06 | 105.3 | 36.83 |
|        | -7                | -7.6     | 135.7                     | 45.74 | 128.3 | 43.68 | 120.4 | 41.49 | 116.4 | 39.55 | 112.3 | 37.69 | 105.3 | 35.49 |
|        | -5                | -5.6     | 135.7                     | 43.52 | 128.3 | 41.49 | 120.4 | 39.45 | 116.4 | 37.63 | 112.3 | 35.87 | 105.3 | 33.76 |
|        | -3                | -3.7     | 135.7                     | 41.36 | 128.3 | 39.33 | 120.4 | 37.39 | 116.4 | 35.70 | 112.3 | 34.05 | 105.3 | 32.00 |
|        | 0                 | -0.7     | 135.7                     | 38.05 | 128.3 | 36.06 | 120.4 | 34.32 | 116.4 | 32.81 | 112.3 | 31.34 | 105.3 | 29.38 |
|        | 3                 | 2.2      | 135.7                     | 34.76 | 128.3 | 32.80 | 120.4 | 31.23 | 116.4 | 29.93 | 112.3 | 28.63 | 105.3 | 26.75 |
|        | 5                 | 4.1      | 128.4                     | 30.16 | 121.0 | 28.28 | 113.0 | 26.85 | 109.0 | 25.72 | 104.9 | 24.57 | 97.70 | 22.80 |
|        | 7                 | 6        | 121.0                     | 25.90 | 113.5 | 24.10 | 105.4 | 22.83 | 101.4 | 21.84 | 97.20 | 20.85 | 89.90 | 19.22 |
|        | 9                 | 7.9      | 113.3                     | 21.18 | 105.6 | 19.63 | 97.60 | 18.49 | 93.40 | 17.67 | 89.30 | 16.84 | 81.90 | 15.42 |
|        | 11                | 9.8      | 105.3                     | 17.97 | 97.60 | 16.60 | 89.40 | 15.59 | 85.40 | 14.86 | 81.00 | 14.13 | 73.60 | 12.85 |
|        | 13                | 11.8     | 97.00                     | 15.21 | 89.30 | 13.99 | 81.00 | 13.10 | 76.80 | 12.45 | 72.60 | 11.79 | 64.90 | 10.67 |
|        | 15                | 13.7     | 88.60                     | 12.89 | 80.60 | 11.81 | 72.30 | 10.98 | 68.10 | 10.41 | 63.90 | 9.85  | 56.00 | 8.85  |
| 50     | -30               | -30.2    | 71.60                     | 52.81 | 67.50 | 59.75 | 63.40 | 56.58 | 61.40 | 53.66 | 59.30 | 50.80 | 55.30 | 48.31 |
|        | -24.8             | -25      | 113.2                     | 51.22 | 106.8 | 51.91 | 100.4 | 49.19 | 97.20 | 46.66 | 93.80 | 44.27 | 87.30 | 42.02 |
|        | -21.8             | -22      | 113.2                     | 51.86 | 106.8 | 49.16 | 100.4 | 46.61 | 97.20 | 44.21 | 93.80 | 41.98 | 87.30 | 39.81 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 113.2                     | 49.93 | 106.8 | 47.30 | 100.4 | 44.88 | 97.20 | 42.57 | 93.80 | 40.45 | 87.30 | 38.33 |
|        | -18.8             | -19      | 113.2                     | 48.97 | 106.8 | 46.38 | 100.4 | 44.04 | 97.20 | 41.77 | 93.80 | 39.69 | 87.30 | 37.63 |
|        | -16.7             | -17      | 113.2                     | 46.97 | 106.8 | 44.47 | 100.4 | 42.23 | 97.20 | 40.04 | 93.80 | 38.10 | 87.30 | 36.09 |
|        | -15               | -15.9    | 113.2                     | 45.53 | 106.8 | 43.07 | 100.4 | 40.94 | 97.20 | 38.82 | 93.80 | 36.96 | 87.30 | 34.99 |
|        | -13.7             | -15      | 113.2                     | 44.09 | 106.8 | 41.70 | 100.4 | 39.64 | 97.20 | 37.61 | 93.80 | 35.83 | 87.30 | 33.90 |
|        | -11.8             | -13      | 113.2                     | 42.27 | 106.8 | 39.98 | 100.4 | 38.04 | 97.20 | 36.08 | 93.80 | 34.39 | 87.30 | 32.52 |
|        | -9.8              | -11      | 113.2                     | 40.38 | 106.8 | 38.14 | 100.4 | 36.31 | 97.20 | 34.44 | 93.80 | 32.87 | 87.30 | 31.06 |
|        | -9.5              | -10      | 113.2                     | 40.08 | 106.8 | 37.88 | 100.4 | 36.05 | 97.20 | 34.21 | 93.80 | 32.67 | 87.30 | 30.84 |
|        | -8.5              | -9.1     | 113.2                     | 39.14 | 106.8 | 36.96 | 100.4 | 35.21 | 97.20 | 33.41 | 93.80 | 31.91 | 87.30 | 30.11 |
|        | -7                | -7.6     | 113.2                     | 37.69 | 106.8 | 35.60 | 100.4 | 33.93 | 97.20 | 32.20 | 93.80 | 30.77 | 87.30 | 29.03 |
|        | -5                | -5.6     | 113.2                     | 35.81 | 106.8 | 33.80 | 100.4 | 32.26 | 97.20 | 30.62 | 93.80 | 29.29 | 87.30 | 27.59 |
|        | -3                | -3.7     | 113.2                     | 33.96 | 106.8 | 32.00 | 100.4 | 30.56 | 97.20 | 29.00 | 93.80 | 27.80 | 87.30 | 26.17 |
|        | 0                 | -0.7     | 113.2                     | 31.14 | 106.8 | 29.27 | 100.4 | 28.03 | 97.20 | 26.62 | 93.80 | 25.59 | 87.30 | 24.02 |
|        | 3                 | 2.2      | 113.2                     | 28.31 | 106.8 | 26.60 | 100.4 | 25.53 | 97.20 | 24.22 | 93.80 | 23.36 | 87.30 | 21.88 |
|        | 5                 | 4.1      | 107.1                     | 24.54 | 100.7 | 22.94 | 94.30 | 21.99 | 91.10 | 20.83 | 87.70 | 20.11 | 80.90 | 18.71 |
|        | 7                 | 6        | 101.0                     | 21.06 | 94.40 | 19.59 | 87.90 | 18.75 | 84.70 | 17.74 | 81.30 | 17.13 | 74.50 | 15.85 |
|        | 9                 | 7.9      | 94.40                     | 17.49 | 87.90 | 16.22 | 81.30 | 15.47 | 78.00 | 14.60 | 74.60 | 14.06 | 67.80 | 12.94 |
|        | 11                | 9.8      | 87.90                     | 14.95 | 81.20 | 13.81 | 74.50 | 13.13 | 71.30 | 12.37 | 67.80 | 11.89 | 61.00 | 10.88 |
|        | 13                | 11.8     | 80.90                     | 12.75 | 74.20 | 11.74 | 67.50 | 11.12 | 64.20 | 10.45 | 60.80 | 10.01 | 53.70 | 9.13  |
|        | 15                | 13.7     | 73.90                     | 10.89 | 67.10 | 10.01 | 60.40 | 9.44  | 56.90 | 8.84  | 53.40 | 8.46  | 46.40 | 7.65  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM660LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 81.70                     | 73.00 | 81.70 | 73.37 | 81.10 | 73.70 | 81.10 | 74.18 | 81.10 | 74.69 | 79.60 | 75.44 |
|        | -24.8             | -25      | 136.1                     | 74.05 | 136.1 | 74.43 | 135.2 | 74.75 | 135.2 | 75.25 | 135.2 | 75.73 | 132.7 | 76.47 |
|        | -21.8             | -22      | 166.3                     | 74.65 | 166.3 | 75.03 | 165.3 | 75.36 | 165.3 | 75.86 | 165.3 | 76.33 | 162.0 | 77.08 |
|        | -19.8             | -20      | 175.9                     | 75.07 | 175.9 | 75.44 | 174.5 | 75.77 | 174.5 | 76.26 | 174.5 | 76.74 | 171.4 | 77.49 |
|        | -18.8             | -19      | 179.7                     | 75.25 | 179.7 | 75.64 | 178.5 | 75.96 | 178.5 | 76.46 | 178.5 | 76.93 | 175.1 | 77.69 |
|        | -16.7             | -17      | 187.8                     | 75.69 | 187.8 | 76.06 | 186.5 | 76.39 | 186.5 | 76.89 | 186.5 | 77.36 | 183.1 | 78.11 |
|        | -15               | -15.9    | 193.5                     | 75.98 | 193.5 | 76.36 | 192.3 | 76.68 | 192.3 | 77.18 | 192.3 | 77.66 | 188.6 | 78.61 |
|        | -13.7             | -15      | 199.4                     | 76.30 | 199.4 | 76.66 | 198.1 | 76.99 | 198.1 | 77.49 | 198.1 | 77.97 | 194.3 | 79.14 |
|        | -11.8             | -13      | 205.9                     | 76.68 | 205.9 | 77.05 | 204.5 | 77.38 | 204.5 | 77.88 | 204.5 | 78.36 | 201.5 | 79.65 |
|        | -9.8              | -11      | 212.7                     | 77.08 | 212.7 | 77.46 | 211.4 | 77.78 | 211.4 | 78.28 | 211.4 | 78.76 | 208.9 | 80.16 |
|        | -9.5              | -10      | 213.9                     | 77.16 | 213.9 | 77.51 | 212.6 | 77.45 | 212.6 | 77.48 | 212.5 | 77.42 | 210.0 | 80.24 |
|        | -8.5              | -9.1     | 218.1                     | 77.35 | 218.1 | 77.72 | 216.7 | 76.40 | 216.7 | 76.41 | 215.8 | 76.42 | 213.8 | 80.41 |
|        | -7                | -7.6     | 224.3                     | 77.65 | 224.3 | 76.19 | 222.8 | 74.81 | 222.8 | 74.85 | 222.8 | 74.89 | 219.5 | 80.73 |
|        | -5                | -5.6     | 232.4                     | 75.77 | 232.4 | 74.21 | 230.9 | 72.79 | 230.9 | 72.85 | 230.9 | 72.91 | 226.9 | 81.05 |
|        | -3                | -3.7     | 240.7                     | 73.89 | 240.7 | 72.24 | 239.1 | 70.74 | 239.1 | 70.83 | 239.1 | 70.87 | 234.2 | 81.37 |
|        | 0                 | -0.7     | 253.0                     | 71.07 | 253.0 | 69.31 | 251.4 | 67.69 | 251.4 | 67.84 | 251.4 | 67.88 | 234.6 | 81.69 |
|        | 3                 | 2.2      | 265.4                     | 68.26 | 265.4 | 66.33 | 263.7 | 64.65 | 261.3 | 62.26 | 252.0 | 60.36 | 234.6 | 81.69 |
|        | 5                 | 4.1      | 263.1                     | 63.14 | 253.3 | 57.73 | 251.3 | 56.08 | 244.8 | 53.04 | 235.2 | 50.70 | 217.8 | 48.86 |
|        | 7                 | 6        | 240.4                     | 51.62 | 237.5 | 49.27 | 234.5 | 47.54 | 227.5 | 45.53 | 218.1 | 43.94 | 200.3 | 42.08 |
|        | 9                 | 7.9      | 224.2                     | 45.00 | 221.2 | 42.99 | 217.0 | 41.13 | 209.8 | 39.60 | 200.3 | 38.09 | 182.4 | 36.22 |
| 120    | 11                | 9.8      | 208.4                     | 39.67 | 204.2 | 37.69 | 198.9 | 35.85 | 191.4 | 34.38 | 182.1 | 32.94 | 163.7 | 31.04 |
|        | 13                | 11.8     | 192.1                     | 34.55 | 186.8 | 32.63 | 180.2 | 30.80 | 172.5 | 29.43 | 162.9 | 28.07 | 144.6 | 26.18 |
|        | 15                | 13.7     | 175.1                     | 29.67 | 168.7 | 27.83 | 160.8 | 26.04 | 153.0 | 24.78 | 143.3 | 23.51 | 124.6 | 21.66 |
|        | -30               | -30.2    | 81.10                     | 73.37 | 81.10 | 73.70 | 80.60 | 74.18 | 80.60 | 74.69 | 80.60 | 75.44 | 79.00 | 75.96 |
|        | -24.8             | -25      | 135.1                     | 74.43 | 135.1 | 74.75 | 134.3 | 75.25 | 134.3 | 75.73 | 134.3 | 76.47 | 131.7 | 77.00 |
|        | -21.8             | -22      | 165.2                     | 75.03 | 165.2 | 75.36 | 164.1 | 75.86 | 164.1 | 76.33 | 164.1 | 77.08 | 161.0 | 77.60 |
|        | -19.8             | -20      | 174.5                     | 75.44 | 174.5 | 75.77 | 173.4 | 76.26 | 173.4 | 76.74 | 173.4 | 77.49 | 170.1 | 78.00 |
|        | -18.8             | -19      | 178.4                     | 75.64 | 178.4 | 75.96 | 177.2 | 76.46 | 177.2 | 76.93 | 177.2 | 77.69 | 173.9 | 78.21 |
|        | -16.7             | -17      | 186.4                     | 76.06 | 186.4 | 76.39 | 185.2 | 76.89 | 185.2 | 77.36 | 185.2 | 78.11 | 181.7 | 78.62 |
|        | -15               | -15.9    | 192.2                     | 76.36 | 192.2 | 76.68 | 190.9 | 77.18 | 190.9 | 77.66 | 190.9 | 78.14 | 187.3 | 79.14 |
|        | -13.7             | -15      | 197.8                     | 76.66 | 197.8 | 76.99 | 196.7 | 77.49 | 196.7 | 77.97 | 196.7 | 78.45 | 192.9 | 79.65 |
|        | -11.8             | -13      | 204.3                     | 77.05 | 204.3 | 77.38 | 203.0 | 77.88 | 203.0 | 78.36 | 203.0 | 78.84 | 200.1 | 80.16 |
|        | -9.8              | -11      | 211.1                     | 77.46 | 211.1 | 77.78 | 209.8 | 77.29 | 209.8 | 77.61 | 209.8 | 77.93 | 207.6 | 80.67 |
|        | -9.5              | -10      | 212.5                     | 77.51 | 212.5 | 77.44 | 211.1 | 75.38 | 211.1 | 75.36 | 211.1 | 75.34 | 208.6 | 80.74 |
|        | -8.5              | -9.1     | 216.5                     | 77.72 | 216.5 | 76.28 | 215.0 | 74.28 | 215.0 | 74.25 | 215.0 | 74.22 | 212.4 | 80.81 |
|        | -7                | -7.6     | 222.6                     | 76.03 | 222.6 | 74.57 | 221.2 | 72.65 | 221.2 | 72.63 | 221.2 | 72.61 | 217.8 | 80.88 |
|        | -5                | -5.6     | 230.9                     | 73.84 | 230.9 | 72.36 | 229.3 | 70.54 | 229.3 | 70.52 | 229.3 | 70.50 | 220.4 | 80.95 |
|        | -3                | -3.7     | 238.9                     | 71.67 | 238.9 | 70.18 | 237.5 | 68.45 | 237.5 | 68.43 | 237.2 | 68.41 | 220.4 | 81.02 |
|        | 0                 | -0.7     | 251.2                     | 68.42 | 251.2 | 66.87 | 249.5 | 65.32 | 244.8 | 62.70 | 237.2 | 60.54 | 220.4 | 81.09 |
| 110    | 3                 | 2.2      | 263.5                     | 65.16 | 263.5 | 63.57 | 253.3 | 60.15 | 244.8 | 57.78 | 237.2 | 55.87 | 220.4 | 81.16 |
|        | 5                 | 4.1      | 252.3                     | 56.74 | 248.6 | 54.47 | 237.8 | 51.90 | 229.2 | 50.75 | 221.5 | 49.99 | 204.5 | 81.23 |
|        | 7                 | 6        | 237.6                     | 48.42 | 233.1 | 46.56 | 221.7 | 45.23 | 213.1 | 44.13 | 205.3 | 43.50 | 188.2 | 81.30 |
|        | 9                 | 7.9      | 222.4                     | 42.48 | 217.2 | 40.81 | 205.2 | 39.43 | 196.6 | 38.37 | 188.6 | 37.68 | 171.3 | 81.37 |
|        | 11                | 9.8      | 206.8                     | 37.40 | 200.5 | 35.73 | 188.1 | 34.31 | 179.4 | 33.28 | 171.3 | 32.55 | 153.8 | 81.44 |
|        | 13                | 11.8     | 190.6                     | 32.53 | 183.4 | 30.91 | 170.5 | 29.48 | 161.7 | 28.47 | 153.5 | 27.74 | 135.8 | 81.51 |
|        | 15                | 13.7     | 173.8                     | 27.91 | 165.6 | 26.33 | 152.2 | 24.93 | 143.3 | 23.97 | 134.9 | 23.22 | 117.0 | 81.58 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 80.80                     | 73.70 | 80.80 | 74.18 | 80.20 | 74.69 | 80.20 | 75.44 | 80.20 | 75.96 | 78.60 | 76.21 |
|        | -24.8             | -25      | 134.5                     | 74.75 | 134.5 | 75.25 | 133.5 | 75.73 | 133.5 | 76.47 | 133.5 | 77.00 | 130.9 | 77.26 |
|        | -21.8             | -22      | 164.2                     | 75.36 | 164.2 | 75.86 | 163.0 | 76.33 | 163.0 | 77.08 | 163.0 | 77.60 | 160.1 | 77.85 |
|        | -19.8             | -20      | 173.6                     | 75.77 | 173.6 | 76.26 | 172.6 | 76.74 | 172.6 | 77.49 | 172.6 | 78.00 | 169.1 | 78.25 |
|        | -18.8             | -19      | 177.4                     | 75.96 | 177.4 | 76.46 | 176.3 | 76.93 | 176.3 | 77.69 | 176.3 | 78.21 | 173.0 | 77.23 |
|        | -16.7             | -17      | 185.5                     | 76.39 | 185.5 | 76.89 | 184.2 | 77.36 | 184.2 | 78.11 | 184.2 | 76.13 | 180.7 | 75.09 |
|        | -15               | -15.9    | 191.1                     | 76.68 | 191.1 | 77.18 | 189.9 | 77.66 | 189.9 | 76.53 | 189.9 | 74.64 | 188.1 | 73.55 |
|        | -13.7             | -15      | 196.7                     | 76.99 | 196.7 | 77.49 | 195.6 | 77.97 | 195.6 | 74.98 | 195.6 | 73.16 | 195.6 | 72.04 |
|        | -11.8             | -13      | 203.1                     | 77.38 | 203.1 | 77.88 | 202.0 | 75.77 | 202.0 | 72.99 | 202.0 | 71.27 | 198.3 | 68.82 |
|        | -9.8              | -11      | 209.9                     | 77.78 | 209.9 | 75.42 | 208.7 | 73.47 | 208.7 | 70.90 | 208.7 | 69.31 | 198.3 | 65.09 |
|        | -9.5              | -10      | 211.1                     | 77.38 | 211.1 | 75.04 | 209.9 | 73.11 | 209.9 | 70.60 | 209.9 | 69.01 | 198.3 | 64.32 |
|        | -8.5              | -9.1     | 215.2                     | 76.07 | 215.2 | 73.81 | 214.0 | 71.96 | 214.0 | 69.56 | 212.4 | 67.51 | 198.3 | 63.36 |
|        | -7                | -7.6     | 221.4                     | 74.08 | 221.4 | 71.96 | 220.1 | 70.23 | 219.8 | 67.93 | 212.4 | 64.24 | 198.3 | 61.94 |
|        | -5                | -5.6     | 229.5                     | 71.53 | 229.5 | 69.58 | 227.3 | 67.82 | 219.8 | 63.66 | 212.4 | 61.36 | 198.3 | 60.09 |
|        | -3                | -3.7     | 237.7                     | 68.97 | 237.7 | 67.22 | 227.3 | 63.33 | 219.8 | 60.73 | 212.4 | 59.56 | 198.3 | 58.25 |
|        | 0                 | -0.7     | 249.7                     | 65.14 | 242.2 | 61.73 | 227.3 | 59.29 | 219.8 | 57.90 | 212.4 | 56.89 | 198.3 | 55.49 |
|        | 3                 | 2.2      | 256.3                     | 59.98 | 242.2 | 57.02 | 227.3 | 56.13 | 219.8 | 55.08 | 212.4 | 54.21 | 198.3 | 52.73 |
|        | 5                 | 4.1      | 242.6                     | 51.21 | 228.4 | 50.13 | 213.4 | 49.25 | 205.8 | 48.35 | 198.3 | 47.54 | 184.0 | 45.91 |
|        | 7                 | 6        | 228.5                     | 44.67 | 214.1 | 43.68 | 199.0 | 42.81 | 191.4 | 42.07 | 183.8 | 41.32 | 169.3 | 39.55 |
|        | 9                 | 7.9      | 214.0                     | 39.23 | 199.3 | 38.17 | 184.1 | 37.21 | 176.6 | 36.46 | 168.9 | 35.69 | 154.1 | 33.94 |
|        | 11                | 9.8      | 198.9                     | 34.43 | 184.2 | 33.32 | 168.9 | 32.30 | 161.1 | 31.54 | 153.4 | 30.76 | 138.4 | 29.02 |
|        | 13                | 11.8     | 183.4                     | 29.84 | 168.5 | 28.72 | 153.0 | 27.65 | 145.2 | 26.91 | 137.4 | 26.15 | 122.1 | 24.43 |
|        | 15                | 13.7     | 167.2                     | 25.50 | 152.1 | 24.41 | 136.5 | 23.32 | 128.7 | 22.61 | 120.8 | 21.85 | 105.3 | 20.20 |
| 100    | -30               | -30.2    | 80.20                     | 83.77 | 80.20 | 83.30 | 79.80 | 71.77 | 79.80 | 82.08 | 79.80 | 79.77 | 78.20 | 81.31 |
|        | -24.8             | -25      | 133.8                     | 82.22 | 133.8 | 81.74 | 133.0 | 75.66 | 133.0 | 80.52 | 133.0 | 80.00 | 130.3 | 79.75 |
|        | -21.8             | -22      | 163.3                     | 81.33 | 163.3 | 80.84 | 162.4 | 77.91 | 162.4 | 79.63 | 162.4 | 80.14 | 159.3 | 78.86 |
|        | -19.8             | -20      | 172.9                     | 80.74 | 172.9 | 80.24 | 171.8 | 79.27 | 171.8 | 79.02 | 171.8 | 78.86 | 168.5 | 78.25 |
|        | -18.8             | -19      | 176.6                     | 80.44 | 175.6 | 79.95 | 175.6 | 79.47 | 175.6 | 78.72 | 175.6 | 78.21 | 172.2 | 77.01 |
|        | -16.7             | -17      | 183.5                     | 79.83 | 183.5 | 79.32 | 183.5 | 79.88 | 182.4 | 78.11 | 182.4 | 75.64 | 179.0 | 74.39 |
|        | -15               | -15.9    | 189.7                     | 79.37 | 189.7 | 78.87 | 189.0 | 78.92 | 188.6 | 76.24 | 188.6 | 73.79 | 181.2 | 71.03 |
|        | -13.7             | -15      | 195.8                     | 78.93 | 195.8 | 78.44 | 194.7 | 77.97 | 194.7 | 74.40 | 194.6 | 71.91 | 181.2 | 67.01 |
|        | -11.8             | -13      | 202.1                     | 78.37 | 201.1 | 77.88 | 201.1 | 75.51 | 201.1 | 72.05 | 194.6 | 67.40 | 181.2 | 64.78 |
|        | -9.8              | -11      | 208.9                     | 77.78 | 208.9 | 75.13 | 207.9 | 72.92 | 201.2 | 67.36 | 194.6 | 63.77 | 181.2 | 62.43 |
|        | -9.5              | -10      | 209.9                     | 77.35 | 209.9 | 74.71 | 207.9 | 72.11 | 201.2 | 66.64 | 194.6 | 63.42 | 181.2 | 62.07 |
|        | -8.5              | -9.1     | 214.1                     | 75.93 | 214.1 | 73.34 | 207.9 | 69.45 | 201.2 | 64.51 | 194.6 | 62.26 | 181.2 | 60.89 |
|        | -7                | -7.6     | 223.9                     | 73.78 | 221.1 | 70.72 | 207.9 | 65.71 | 201.2 | 62.76 | 194.6 | 60.54 | 181.2 | 59.14 |
|        | -5                | -5.6     | 233.6                     | 71.00 | 221.1 | 65.62 | 207.9 | 63.36 | 201.2 | 60.50 | 194.6 | 58.33 | 181.2 | 56.87 |
|        | -3                | -3.7     | 234.5                     | 66.61 | 221.1 | 62.59 | 207.9 | 61.00 | 201.2 | 58.25 | 194.6 | 56.10 | 181.2 | 54.60 |
|        | 0                 | -0.7     | 234.5                     | 60.80 | 221.1 | 58.81 | 207.9 | 57.43 | 201.2 | 54.88 | 194.6 | 52.75 | 181.2 | 51.20 |
|        | 3                 | 2.2      | 234.5                     | 56.86 | 221.1 | 55.04 | 207.9 | 53.88 | 201.2 | 51.50 | 194.6 | 49.43 | 181.2 | 47.78 |
|        | 5                 | 4.1      | 222.0                     | 49.89 | 208.5 | 48.13 | 195.2 | 46.99 | 188.3 | 44.86 | 181.7 | 42.87 | 168.2 | 41.11 |
|        | 7                 | 6        | 209.1                     | 43.36 | 195.5 | 41.69 | 182.1 | 40.61 | 175.1 | 38.67 | 168.5 | 36.82 | 154.8 | 34.99 |
|        | 9                 | 7.9      | 195.7                     | 37.96 | 182.1 | 36.34 | 168.4 | 35.22 | 161.6 | 33.44 | 154.7 | 31.73 | 140.8 | 29.96 |
|        | 11                | 9.8      | 182.0                     | 33.22 | 168.1 | 31.63 | 154.5 | 30.49 | 147.5 | 28.85 | 140.6 | 27.29 | 126.5 | 25.57 |
|        | 13                | 11.8     | 167.6                     | 28.73 | 153.8 | 27.21 | 139.9 | 26.05 | 132.9 | 24.57 | 125.9 | 23.15 | 111.6 | 21.49 |
|        | 15                | 13.7     | 153.0                     | 24.49 | 138.9 | 23.07 | 124.8 | 21.93 | 117.8 | 20.61 | 110.7 | 19.33 | 96.30 | 17.77 |
| 90     | -30               | -30.2    | 80.00                     | 72.44 | 80.00 | 73.14 | 79.50 | 73.69 | 79.50 | 73.91 | 79.50 | 74.43 | 78.00 | 82.13 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 133.3                     | 73.47 | 133.3 | 74.22 | 132.5 | 74.75 | 132.5 | 74.99 | 132.5 | 75.49 | 130.0 | 76.26 |
|        | -21.8             | -22      | 162.7                     | 74.07 | 162.7 | 74.83 | 161.8 | 75.35 | 161.8 | 75.60 | 161.8 | 76.11 | 158.7 | 72.89 |
|        | -19.8             | -20      | 172.2                     | 74.49 | 172.2 | 75.24 | 171.1 | 75.77 | 171.1 | 76.02 | 171.1 | 73.82 | 165.6 | 69.71 |
|        | -18.8             | -19      | 176.6                     | 74.70 | 175.6 | 75.45 | 174.8 | 75.97 | 174.8 | 74.84 | 174.8 | 72.66 | 165.6 | 67.16 |
|        | -16.7             | -17      | 183.5                     | 75.12 | 183.5 | 75.87 | 182.7 | 73.53 | 182.7 | 72.37 | 178.5 | 68.65 | 165.6 | 63.74 |
|        | -15               | -15.9    | 189.7                     | 75.42 | 189.7 | 74.07 | 188.3 | 71.81 | 184.3 | 69.11 | 178.5 | 66.00 | 165.6 | 62.15 |
|        | -13.7             | -15      | 195.8                     | 75.74 | 195.8 | 72.27 | 190.2 | 68.71 | 184.3 | 65.45 | 178.5 | 63.43 | 165.6 | 60.59 |
|        | -11.8             | -13      | 202.1                     | 73.29 | 201.1 | 70.01 | 190.2 | 64.45 | 184.3 | 63.23 | 178.5 | 61.40 | 165.6 | 58.57 |
|        | -9.8              | -11      | 208.9                     | 70.73 | 202.0 | 65.40 | 190.2 | 62.24 | 184.3 | 61.02 | 178.5 | 59.25 | 165.6 | 56.48 |
|        | -9.5              | -10      | 209.9                     | 70.33 | 202.0 | 64.73 | 190.2 | 61.92 | 184.3 | 60.68 | 178.5 | 58.92 | 165.6 | 56.16 |
|        | -8.5              | -9.1     | 214.1                     | 69.05 | 202.0 | 62.78 | 190.2 | 60.83 | 184.3 | 59.59 | 178.5 | 57.86 | 165.6 | 55.12 |
|        | -7                | -7.6     | 214.7                     | 64.38 | 202.0 | 61.02 | 190.2 | 59.21 | 184.3 | 57.94 | 178.5 | 56.25 | 165.6 | 53.54 |
|        | -5                | -5.6     | 214.7                     | 61.34 | 202.0 | 58.85 | 190.2 | 57.11 | 184.3 | 55.81 | 178.5 | 54.19 | 165.6 | 51.54 |
|        | -3                | -3.7     | 214.7                     | 58.99 | 202.0 | 56.67 | 190.2 | 55.03 | 184.3 | 53.68 | 178.5 | 52.10 | 165.6 | 49.50 |
|        | 0                 | -0.7     | 214.7                     | 55.48 | 202.0 | 53.40 | 190.2 | 51.89 | 184.3 | 50.49 | 178.5 | 49.00 | 165.6 | 46.48 |
|        | 3                 | 2.2      | 214.7                     | 51.95 | 202.0 | 50.15 | 190.2 | 48.75 | 184.3 | 47.31 | 178.5 | 45.90 | 165.6 | 43.42 |
|        | 5                 | 4.1      | 203.2                     | 45.67 | 190.5 | 44.02 | 178.6 | 42.64 | 172.5 | 41.20 | 166.7 | 39.87 | 153.7 | 37.47 |
|        | 7                 | 6        | 191.3                     | 39.81 | 178.6 | 38.31 | 166.5 | 36.96 | 160.5 | 35.54 | 154.5 | 34.33 | 141.4 | 32.00 |
|        | 9                 | 7.9      | 179.2                     | 34.48 | 166.3 | 33.04 | 154.2 | 31.74 | 148.0 | 30.43 | 141.9 | 29.29 | 128.7 | 27.14 |
|        | 11                | 9.8      | 166.6                     | 29.57 | 153.6 | 28.21 | 141.3 | 26.94 | 135.1 | 25.76 | 129.0 | 24.71 | 115.5 | 22.73 |
|        | 13                | 11.8     | 153.6                     | 25.08 | 140.6 | 23.79 | 128.1 | 22.60 | 121.6 | 21.53 | 115.5 | 20.58 | 102.0 | 18.78 |
|        | 15                | 13.7     | 140.1                     | 20.99 | 126.8 | 19.80 | 114.3 | 18.67 | 107.8 | 17.74 | 101.5 | 16.88 | 88.00 | 15.27 |
| 80     | -30               | -30.2    | 79.60                     | 63.80 | 79.60 | 64.61 | 79.10 | 65.17 | 79.10 | 64.50 | 79.10 | 72.90 | 77.60 | 69.88 |
|        | -24.8             | -25      | 132.8                     | 64.93 | 132.8 | 65.70 | 131.9 | 66.23 | 131.9 | 66.48 | 131.9 | 67.73 | 129.4 | 64.89 |
|        | -21.8             | -22      | 161.1                     | 65.58 | 161.1 | 66.32 | 161.1 | 66.85 | 161.1 | 67.60 | 159.1 | 63.98 | 148.0 | 58.85 |
|        | -19.8             | -20      | 170.4                     | 65.99 | 170.4 | 66.74 | 170.0 | 67.37 | 165.0 | 63.45 | 159.1 | 59.56 | 148.0 | 57.02 |
|        | -18.8             | -19      | 174.1                     | 66.21 | 174.1 | 67.48 | 170.1 | 64.93 | 165.0 | 61.20 | 159.1 | 58.63 | 148.0 | 56.15 |
|        | -16.7             | -17      | 179.4                     | 67.39 | 179.4 | 65.28 | 170.1 | 60.96 | 165.0 | 59.10 | 159.1 | 56.67 | 148.0 | 54.27 |
|        | -15               | -15.9    | 183.5                     | 65.76 | 181.2 | 63.59 | 170.1 | 59.45 | 165.0 | 57.61 | 159.1 | 55.26 | 148.0 | 52.91 |
|        | -13.7             | -15      | 187.5                     | 64.15 | 181.2 | 61.28 | 170.1 | 57.97 | 165.0 | 56.14 | 159.1 | 53.88 | 148.0 | 51.57 |
|        | -11.8             | -13      | 192.2                     | 62.10 | 181.2 | 58.46 | 170.1 | 56.08 | 165.0 | 54.30 | 159.1 | 52.12 | 148.0 | 49.88 |
|        | -9.8              | -11      | 192.3                     | 58.42 | 181.2 | 55.67 | 170.1 | 54.11 | 165.0 | 52.33 | 159.1 | 50.26 | 148.0 | 48.10 |
|        | -9.5              | -10      | 192.3                     | 57.69 | 181.2 | 55.05 | 170.1 | 53.81 | 165.0 | 52.04 | 159.1 | 49.98 | 148.0 | 47.84 |
|        | -8.5              | -9.1     | 192.3                     | 56.12 | 181.2 | 53.86 | 170.1 | 52.82 | 165.0 | 51.07 | 159.1 | 49.08 | 148.0 | 46.97 |
|        | -7                | -7.6     | 192.3                     | 54.05 | 181.2 | 52.37 | 170.1 | 51.35 | 165.0 | 49.60 | 159.1 | 47.70 | 148.0 | 45.62 |
|        | -5                | -5.6     | 192.3                     | 52.08 | 181.2 | 50.51 | 170.1 | 49.43 | 165.0 | 47.73 | 159.1 | 45.90 | 148.0 | 43.91 |
|        | -3                | -3.7     | 192.3                     | 50.12 | 181.2 | 48.60 | 170.1 | 47.52 | 165.0 | 45.84 | 159.1 | 44.12 | 148.0 | 42.19 |
|        | 0                 | -0.7     | 192.3                     | 47.17 | 181.2 | 45.77 | 170.1 | 44.67 | 165.0 | 43.01 | 159.1 | 41.44 | 148.0 | 39.62 |
|        | 3                 | 2.2      | 192.3                     | 44.23 | 181.2 | 42.92 | 170.1 | 41.79 | 165.0 | 40.17 | 159.1 | 38.78 | 148.0 | 37.05 |
|        | 5                 | 4.1      | 182.1                     | 38.98 | 170.9 | 37.71 | 159.6 | 36.53 | 154.5 | 34.98 | 148.6 | 33.72 | 137.4 | 32.04 |
|        | 7                 | 6        | 171.4                     | 34.07 | 160.2 | 32.84 | 148.9 | 31.62 | 143.6 | 30.18 | 137.7 | 29.04 | 126.3 | 27.44 |
|        | 9                 | 7.9      | 160.5                     | 29.14 | 149.2 | 27.99 | 137.8 | 26.81 | 132.5 | 25.52 | 126.4 | 24.50 | 115.0 | 23.01 |
|        | 11                | 9.8      | 149.1                     | 24.45 | 137.8 | 23.38 | 126.3 | 22.31 | 120.9 | 21.16 | 114.9 | 20.25 | 103.3 | 18.89 |
|        | 13                | 11.8     | 137.5                     | 20.48 | 126.0 | 19.48 | 114.5 | 18.49 | 108.9 | 17.49 | 102.9 | 16.68 | 91.20 | 15.44 |
|        | 15                | 13.7     | 125.4                     | 17.14 | 113.8 | 16.22 | 102.2 | 15.29 | 96.60 | 14.43 | 90.40 | 13.71 | 78.60 | 12.58 |
| 70     | -30               | -30.2    | 79.60                     | 63.63 | 79.60 | 63.88 | 79.10 | 64.40 | 79.10 | 71.87 | 79.10 | 68.44 | 77.60 | 65.30 |
|        | -24.8             | -25      | 132.8                     | 64.74 | 132.8 | 64.99 | 131.9 | 65.50 | 131.9 | 66.25 | 131.9 | 63.15 | 126.7 | 59.00 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 153.7                     | 65.38 | 153.7 | 65.63 | 144.9 | 62.74 | 139.9 | 59.79 | 135.7 | 57.01 | 126.7 | 54.35 |
|        | -19.8             | -20      | 163.1                     | 64.02 | 153.9 | 62.65 | 144.9 | 60.58 | 139.9 | 57.75 | 135.7 | 55.12 | 126.7 | 52.50 |
|        | -18.8             | -19      | 163.1                     | 62.62 | 153.9 | 61.57 | 144.9 | 59.52 | 139.9 | 56.72 | 135.7 | 54.15 | 126.7 | 51.58 |
|        | -16.7             | -17      | 163.1                     | 60.33 | 153.9 | 59.23 | 144.9 | 57.28 | 139.9 | 54.58 | 135.7 | 52.16 | 126.7 | 49.63 |
|        | -15               | -15.9    | 163.1                     | 58.69 | 153.9 | 57.58 | 144.9 | 55.67 | 139.9 | 53.06 | 135.7 | 50.73 | 126.7 | 48.25 |
|        | -13.7             | -15      | 163.1                     | 57.06 | 153.9 | 55.93 | 144.9 | 54.08 | 139.9 | 51.55 | 135.7 | 49.30 | 126.7 | 46.88 |
|        | -11.8             | -13      | 163.1                     | 54.99 | 153.9 | 53.85 | 144.9 | 52.07 | 139.9 | 49.62 | 135.7 | 47.50 | 126.7 | 45.15 |
|        | -9.8              | -11      | 163.1                     | 52.84 | 153.9 | 51.64 | 144.9 | 49.95 | 139.9 | 47.62 | 135.7 | 45.63 | 126.7 | 43.32 |
|        | -9.5              | -10      | 163.1                     | 52.51 | 153.9 | 51.31 | 144.9 | 49.62 | 139.9 | 47.31 | 135.7 | 45.35 | 126.7 | 43.05 |
|        | -8.5              | -9.1     | 163.1                     | 51.44 | 153.9 | 50.23 | 144.9 | 48.57 | 139.9 | 46.29 | 135.7 | 44.38 | 126.7 | 42.14 |
|        | -7                | -7.6     | 163.1                     | 49.81 | 153.9 | 48.60 | 144.9 | 47.00 | 139.9 | 44.80 | 135.7 | 42.98 | 126.7 | 40.76 |
|        | -5                | -5.6     | 163.1                     | 47.72 | 153.9 | 46.47 | 144.9 | 44.92 | 139.9 | 42.85 | 135.7 | 41.16 | 126.7 | 39.01 |
|        | -3                | -3.7     | 163.1                     | 45.63 | 153.9 | 44.35 | 144.9 | 42.88 | 139.9 | 40.90 | 135.7 | 39.32 | 126.7 | 37.24 |
|        | 0                 | -0.7     | 163.1                     | 42.48 | 153.9 | 41.17 | 144.9 | 39.80 | 139.9 | 37.97 | 135.7 | 36.59 | 126.7 | 34.59 |
|        | 3                 | 2.2      | 163.1                     | 39.34 | 153.9 | 37.99 | 144.9 | 36.72 | 139.9 | 35.04 | 135.7 | 33.86 | 126.7 | 31.93 |
|        | 5                 | 4.1      | 154.4                     | 34.41 | 145.1 | 33.02 | 136.0 | 31.81 | 131.0 | 30.31 | 126.7 | 29.26 | 117.6 | 27.43 |
|        | 7                 | 6        | 145.4                     | 29.83 | 136.1 | 28.45 | 126.8 | 27.28 | 121.8 | 25.94 | 117.5 | 25.06 | 108.2 | 23.31 |
|        | 9                 | 7.9      | 136.1                     | 24.61 | 126.6 | 23.38 | 117.4 | 22.31 | 112.3 | 21.18 | 107.9 | 20.40 | 98.40 | 18.86 |
|        | 11                | 9.8      | 126.5                     | 20.78 | 117.0 | 19.66 | 107.6 | 18.70 | 102.6 | 17.69 | 98.00 | 16.98 | 88.50 | 15.61 |
|        | 13                | 11.8     | 116.6                     | 17.50 | 107.1 | 16.48 | 97.50 | 15.59 | 92.40 | 14.72 | 87.80 | 14.09 | 78.10 | 12.87 |
|        | 15                | 13.7     | 106.4                     | 14.73 | 96.60 | 13.82 | 87.10 | 13.01 | 81.90 | 12.23 | 77.20 | 11.67 | 67.30 | 10.59 |
| 60     | -30               | -30.2    | 78.80                     | 63.08 | 78.80 | 63.59 | 78.30 | 71.56 | 75.90 | 67.78 | 73.20 | 64.31 | 68.60 | 61.13 |
|        | -24.8             | -25      | 131.3                     | 64.20 | 131.3 | 64.70 | 124.2 | 62.33 | 120.0 | 58.91 | 115.8 | 55.91 | 108.5 | 53.09 |
|        | -21.8             | -22      | 139.9                     | 64.33 | 132.3 | 61.99 | 124.2 | 58.79 | 120.0 | 55.81 | 115.8 | 52.99 | 108.5 | 50.26 |
|        | -19.8             | -20      | 139.9                     | 61.91 | 132.3 | 59.66 | 124.2 | 56.59 | 120.0 | 53.73 | 115.8 | 51.04 | 108.5 | 48.39 |
|        | -18.8             | -19      | 139.9                     | 60.74 | 132.3 | 58.50 | 124.2 | 55.51 | 120.0 | 52.71 | 115.8 | 50.07 | 108.5 | 47.45 |
|        | -16.7             | -17      | 139.9                     | 58.28 | 132.3 | 56.06 | 124.2 | 53.19 | 120.0 | 50.55 | 115.8 | 48.05 | 108.5 | 45.49 |
|        | -15               | -15.9    | 139.9                     | 56.52 | 132.3 | 54.32 | 124.2 | 51.55 | 120.0 | 49.01 | 115.8 | 46.59 | 108.5 | 44.10 |
|        | -13.7             | -15      | 139.9                     | 54.78 | 132.3 | 52.61 | 124.2 | 49.93 | 120.0 | 47.48 | 115.8 | 45.16 | 108.5 | 42.71 |
|        | -11.8             | -13      | 139.9                     | 52.57 | 132.3 | 50.40 | 124.2 | 47.85 | 120.0 | 45.53 | 115.8 | 43.34 | 108.5 | 40.93 |
|        | -9.8              | -11      | 139.9                     | 50.25 | 132.3 | 48.10 | 124.2 | 45.69 | 120.0 | 43.50 | 115.8 | 41.41 | 108.5 | 39.09 |
|        | -9.5              | -10      | 139.9                     | 49.90 | 132.3 | 47.76 | 124.2 | 45.37 | 120.0 | 43.19 | 115.8 | 41.12 | 108.5 | 38.81 |
|        | -8.5              | -9.1     | 139.9                     | 48.75 | 132.3 | 46.61 | 124.2 | 44.29 | 120.0 | 42.18 | 115.8 | 40.17 | 108.5 | 37.88 |
|        | -7                | -7.6     | 139.9                     | 47.02 | 132.3 | 44.91 | 124.2 | 42.66 | 120.0 | 40.66 | 115.8 | 38.75 | 108.5 | 36.49 |
|        | -5                | -5.6     | 139.9                     | 44.75 | 132.3 | 42.66 | 124.2 | 40.56 | 120.0 | 38.69 | 115.8 | 36.88 | 108.5 | 34.71 |
|        | -3                | -3.7     | 139.9                     | 42.52 | 132.3 | 40.43 | 124.2 | 38.44 | 120.0 | 36.71 | 115.8 | 35.01 | 108.5 | 32.90 |
|        | 0                 | -0.7     | 139.9                     | 39.12 | 132.3 | 37.08 | 124.2 | 35.29 | 120.0 | 33.73 | 115.8 | 32.22 | 108.5 | 30.21 |
|        | 3                 | 2.2      | 139.9                     | 35.74 | 132.3 | 33.72 | 124.2 | 32.12 | 120.0 | 30.77 | 115.8 | 29.44 | 108.5 | 27.50 |
|        | 5                 | 4.1      | 132.4                     | 31.01 | 124.8 | 29.07 | 116.6 | 27.61 | 112.4 | 26.44 | 108.1 | 25.26 | 100.7 | 23.45 |
|        | 7                 | 6        | 124.7                     | 26.63 | 117.0 | 24.79 | 108.7 | 23.47 | 104.5 | 22.47 | 100.2 | 21.46 | 92.60 | 19.78 |
|        | 9                 | 7.9      | 116.8                     | 21.78 | 108.9 | 20.19 | 100.6 | 19.04 | 96.30 | 18.19 | 92.10 | 17.34 | 84.40 | 15.88 |
|        | 11                | 9.8      | 108.6                     | 18.49 | 100.6 | 17.10 | 92.30 | 16.06 | 88.00 | 15.31 | 83.60 | 14.56 | 75.80 | 13.25 |
|        | 13                | 11.8     | 100.0                     | 15.68 | 92.10 | 14.43 | 83.60 | 13.51 | 79.20 | 12.84 | 74.90 | 12.18 | 66.80 | 11.04 |
|        | 15                | 13.7     | 91.30                     | 13.31 | 83.10 | 12.21 | 74.60 | 11.36 | 70.20 | 10.78 | 65.80 | 10.20 | 57.70 | 9.19  |
| 50     | -30               | -30.2    | 73.80                     | 54.62 | 69.60 | 61.82 | 65.40 | 58.53 | 63.30 | 55.50 | 61.20 | 52.56 | 57.00 | 49.97 |
|        | -24.8             | -25      | 116.7                     | 52.89 | 110.1 | 53.60 | 103.5 | 50.80 | 100.2 | 48.18 | 96.80 | 45.71 | 90.10 | 43.39 |
|        | -21.8             | -22      | 116.7                     | 53.51 | 110.1 | 50.72 | 103.5 | 48.09 | 100.2 | 45.62 | 96.80 | 43.31 | 90.10 | 41.08 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 116.7                     | 51.50 | 110.1 | 48.78 | 103.5 | 46.28 | 100.2 | 43.90 | 96.80 | 41.71 | 90.10 | 39.54 |
|        | -18.8             | -19      | 116.7                     | 50.49 | 110.1 | 47.82 | 103.5 | 45.39 | 100.2 | 43.06 | 96.80 | 40.92 | 90.10 | 38.79 |
|        | -16.7             | -17      | 116.7                     | 48.39 | 110.1 | 45.81 | 103.5 | 43.52 | 100.2 | 41.26 | 96.80 | 39.26 | 90.10 | 37.18 |
|        | -15               | -15.9    | 116.7                     | 46.89 | 110.1 | 44.36 | 103.5 | 42.16 | 100.2 | 39.99 | 96.80 | 38.07 | 90.10 | 36.04 |
|        | -13.7             | -15      | 116.7                     | 45.39 | 110.1 | 42.94 | 103.5 | 40.81 | 100.2 | 38.73 | 96.80 | 36.89 | 90.10 | 34.90 |
|        | -11.8             | -13      | 116.7                     | 43.51 | 110.1 | 41.13 | 103.5 | 39.14 | 100.2 | 37.13 | 96.80 | 35.39 | 90.10 | 33.46 |
|        | -9.8              | -11      | 116.7                     | 41.53 | 110.1 | 39.23 | 103.5 | 37.35 | 100.2 | 35.42 | 96.80 | 33.81 | 90.10 | 31.94 |
|        | -9.5              | -10      | 116.7                     | 41.22 | 110.1 | 38.95 | 103.5 | 37.08 | 100.2 | 35.18 | 96.80 | 33.59 | 90.10 | 31.72 |
|        | -8.5              | -9.1     | 116.7                     | 40.24 | 110.1 | 38.00 | 103.5 | 36.20 | 100.2 | 34.34 | 96.80 | 32.80 | 90.10 | 30.96 |
|        | -7                | -7.6     | 116.7                     | 38.75 | 110.1 | 36.58 | 103.5 | 34.87 | 100.2 | 33.10 | 96.80 | 31.63 | 90.10 | 29.83 |
|        | -5                | -5.6     | 116.7                     | 36.81 | 110.1 | 34.73 | 103.5 | 33.15 | 100.2 | 31.46 | 96.80 | 30.11 | 90.10 | 28.36 |
|        | -3                | -3.7     | 116.7                     | 34.90 | 110.1 | 32.88 | 103.5 | 31.41 | 100.2 | 29.81 | 96.80 | 28.58 | 90.10 | 26.90 |
|        | 0                 | -0.7     | 116.7                     | 32.00 | 110.1 | 30.09 | 103.5 | 28.81 | 100.2 | 27.35 | 96.80 | 26.30 | 90.10 | 24.69 |
|        | 3                 | 2.2      | 116.7                     | 29.10 | 110.1 | 27.34 | 103.5 | 26.24 | 100.2 | 24.90 | 96.80 | 24.01 | 90.10 | 22.49 |
|        | 5                 | 4.1      | 110.4                     | 25.23 | 103.8 | 23.58 | 97.20 | 22.60 | 93.90 | 21.42 | 90.50 | 20.68 | 83.50 | 19.24 |
|        | 7                 | 6        | 104.1                     | 21.65 | 97.30 | 20.15 | 90.60 | 19.29 | 87.30 | 18.25 | 83.90 | 17.62 | 76.90 | 16.31 |
|        | 9                 | 7.9      | 97.40                     | 17.99 | 90.60 | 16.69 | 83.90 | 15.93 | 80.40 | 15.04 | 77.00 | 14.48 | 70.00 | 13.33 |
|        | 11                | 9.8      | 90.60                     | 15.40 | 83.70 | 14.24 | 76.80 | 13.53 | 73.50 | 12.76 | 69.90 | 12.26 | 62.90 | 11.24 |
|        | 13                | 11.8     | 83.40                     | 13.16 | 76.50 | 12.12 | 69.60 | 11.49 | 66.20 | 10.81 | 62.70 | 10.36 | 55.40 | 9.46  |
|        | 15                | 13.7     | 76.20                     | 11.26 | 69.20 | 10.35 | 62.20 | 9.78  | 58.60 | 9.17  | 55.10 | 8.78  | 47.90 | 7.96  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM680LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 83.40                     | 75.51 | 83.40 | 76.02 | 82.80 | 76.47 | 82.80 | 77.12 | 82.80 | 77.81 | 81.30 | 78.87 |
|        | -24.8             | -25      | 139.0                     | 77.23 | 139.0 | 77.76 | 137.9 | 78.20 | 137.9 | 78.88 | 137.9 | 79.55 | 135.6 | 80.58 |
|        | -21.8             | -22      | 170.6                     | 78.23 | 170.6 | 78.76 | 169.5 | 79.21 | 169.5 | 79.90 | 169.5 | 80.56 | 166.1 | 81.59 |
|        | -19.8             | -20      | 180.8                     | 78.92 | 180.8 | 79.43 | 179.4 | 79.89 | 179.4 | 80.58 | 179.4 | 81.23 | 176.2 | 82.27 |
|        | -18.8             | -19      | 184.9                     | 79.24 | 184.9 | 79.78 | 183.6 | 80.22 | 183.6 | 80.91 | 183.6 | 81.56 | 180.1 | 82.60 |
|        | -16.7             | -17      | 193.3                     | 79.96 | 193.3 | 80.47 | 192.0 | 80.93 | 192.0 | 81.62 | 192.0 | 82.28 | 188.5 | 83.31 |
|        | -15               | -15.9    | 199.2                     | 80.46 | 199.2 | 80.99 | 198.1 | 81.43 | 198.1 | 82.12 | 198.1 | 82.79 | 194.2 | 81.79 |
|        | -13.7             | -15      | 205.4                     | 80.98 | 205.4 | 81.48 | 204.1 | 81.94 | 204.1 | 82.63 | 204.1 | 83.29 | 200.1 | 80.26 |
|        | -11.8             | -13      | 212.0                     | 81.61 | 212.0 | 82.12 | 210.7 | 82.57 | 210.7 | 83.28 | 210.7 | 81.24 | 207.6 | 78.33 |
|        | -9.8              | -11      | 219.0                     | 82.28 | 219.0 | 82.81 | 217.7 | 83.25 | 217.7 | 81.13 | 217.7 | 79.10 | 215.4 | 76.30 |
|        | -9.5              | -10      | 220.2                     | 82.41 | 220.2 | 82.89 | 219.0 | 82.91 | 219.0 | 80.80 | 218.8 | 78.79 | 216.5 | 75.98 |
|        | -8.5              | -9.1     | 224.5                     | 82.72 | 224.5 | 83.23 | 223.2 | 81.82 | 223.2 | 79.69 | 222.3 | 77.71 | 220.5 | 74.97 |
|        | -7                | -7.6     | 231.0                     | 83.23 | 231.0 | 81.66 | 229.3 | 80.18 | 229.3 | 78.09 | 229.3 | 76.08 | 226.4 | 73.46 |
|        | -5                | -5.6     | 239.4                     | 81.22 | 239.4 | 79.53 | 237.8 | 78.00 | 237.8 | 75.94 | 237.8 | 73.96 | 234.0 | 71.44 |
|        | -3                | -3.7     | 247.9                     | 79.19 | 247.9 | 77.43 | 246.3 | 75.82 | 246.3 | 73.77 | 246.3 | 71.82 | 241.4 | 69.29 |
|        | 0                 | -0.7     | 260.6                     | 76.18 | 260.6 | 74.29 | 258.8 | 72.55 | 258.8 | 70.56 | 258.8 | 68.64 | 241.7 | 63.22 |
|        | 3                 | 2.2      | 273.4                     | 73.16 | 273.4 | 71.09 | 271.5 | 69.30 | 269.2 | 66.75 | 259.6 | 62.57 | 241.7 | 60.14 |
|        | 5                 | 4.1      | 271.1                     | 67.82 | 260.8 | 62.06 | 258.8 | 60.28 | 252.2 | 57.02 | 242.3 | 54.50 | 224.4 | 52.54 |
|        | 7                 | 6        | 247.6                     | 55.65 | 244.6 | 53.10 | 241.5 | 51.25 | 234.4 | 49.11 | 224.7 | 47.39 | 206.3 | 45.39 |
|        | 9                 | 7.9      | 230.9                     | 48.63 | 227.8 | 46.47 | 223.4 | 44.47 | 216.2 | 42.84 | 206.3 | 41.20 | 187.9 | 39.18 |
|        | 11                | 9.8      | 214.6                     | 42.97 | 210.3 | 40.85 | 204.9 | 38.88 | 197.2 | 37.29 | 187.6 | 35.73 | 168.6 | 33.68 |
|        | 13                | 11.8     | 197.8                     | 37.54 | 192.4 | 35.45 | 185.6 | 33.47 | 177.7 | 32.00 | 167.8 | 30.52 | 149.0 | 28.47 |
|        | 15                | 13.7     | 180.3                     | 32.30 | 173.7 | 30.30 | 165.6 | 28.36 | 157.6 | 26.98 | 147.6 | 25.61 | 128.4 | 23.59 |
| 120    | -30               | -30.2    | 82.80                     | 76.02 | 82.80 | 76.47 | 82.20 | 77.12 | 82.20 | 77.81 | 82.20 | 78.87 | 80.70 | 79.57 |
|        | -24.8             | -25      | 137.9                     | 77.76 | 137.9 | 78.20 | 137.0 | 78.88 | 137.0 | 79.55 | 137.0 | 80.58 | 134.6 | 81.31 |
|        | -21.8             | -22      | 169.5                     | 78.76 | 169.5 | 79.21 | 168.3 | 79.90 | 168.3 | 80.56 | 168.3 | 81.59 | 165.2 | 82.32 |
|        | -19.8             | -20      | 179.4                     | 79.43 | 179.4 | 79.89 | 178.3 | 80.58 | 178.3 | 81.23 | 178.3 | 82.27 | 174.8 | 82.98 |
|        | -18.8             | -19      | 183.4                     | 79.78 | 183.4 | 80.22 | 182.2 | 80.91 | 182.2 | 81.56 | 182.2 | 82.60 | 178.8 | 83.32 |
|        | -16.7             | -17      | 191.8                     | 80.47 | 191.8 | 80.93 | 190.6 | 81.62 | 190.6 | 82.28 | 190.6 | 83.31 | 186.9 | 81.35 |
|        | -15               | -15.9    | 197.9                     | 80.99 | 197.9 | 81.43 | 196.5 | 82.12 | 196.5 | 82.79 | 196.5 | 81.85 | 192.8 | 79.95 |
|        | -13.7             | -15      | 203.7                     | 81.48 | 203.7 | 81.94 | 202.6 | 82.63 | 202.6 | 83.29 | 202.6 | 80.39 | 198.7 | 78.56 |
|        | -11.8             | -13      | 210.5                     | 82.12 | 210.5 | 82.57 | 209.1 | 83.28 | 209.1 | 81.22 | 209.1 | 78.54 | 206.2 | 76.79 |
|        | -9.8              | -11      | 217.3                     | 82.81 | 217.3 | 83.25 | 216.1 | 81.00 | 216.1 | 79.05 | 216.1 | 76.61 | 214.0 | 74.93 |
|        | -9.5              | -10      | 218.8                     | 82.89 | 218.8 | 82.89 | 217.3 | 80.69 | 217.3 | 78.74 | 217.3 | 76.30 | 215.1 | 74.63 |
|        | -8.5              | -9.1     | 222.9                     | 83.23 | 222.9 | 81.69 | 221.4 | 79.55 | 221.4 | 77.66 | 221.4 | 75.35 | 218.9 | 73.70 |
|        | -7                | -7.6     | 229.2                     | 81.48 | 229.2 | 79.91 | 227.8 | 77.86 | 227.8 | 76.02 | 227.8 | 73.90 | 224.6 | 72.30 |
|        | -5                | -5.6     | 237.8                     | 79.14 | 237.8 | 77.55 | 236.2 | 75.60 | 236.2 | 73.87 | 236.2 | 71.96 | 227.0 | 68.76 |
|        | -3                | -3.7     | 246.0                     | 76.81 | 246.0 | 75.22 | 244.6 | 73.36 | 244.6 | 71.73 | 244.3 | 70.01 | 227.0 | 65.08 |
|        | 0                 | -0.7     | 258.7                     | 73.33 | 258.7 | 71.68 | 257.0 | 70.01 | 252.2 | 67.21 | 244.3 | 63.83 | 227.0 | 62.45 |
|        | 3                 | 2.2      | 271.3                     | 69.84 | 271.3 | 68.14 | 260.8 | 64.46 | 252.2 | 61.95 | 244.3 | 60.97 | 227.0 | 59.81 |
|        | 5                 | 4.1      | 259.9                     | 61.00 | 256.1 | 58.57 | 244.9 | 55.79 | 236.1 | 54.56 | 228.1 | 53.74 | 210.6 | 52.46 |
|        | 7                 | 6        | 244.8                     | 52.20 | 240.2 | 50.17 | 228.2 | 48.76 | 219.6 | 47.57 | 211.4 | 46.90 | 193.8 | 45.50 |
|        | 9                 | 7.9      | 229.2                     | 45.89 | 223.8 | 44.10 | 211.2 | 42.62 | 202.6 | 41.47 | 194.2 | 40.74 | 176.5 | 39.24 |
|        | 11                | 9.8      | 213.1                     | 40.50 | 206.6 | 38.71 | 193.6 | 37.17 | 184.8 | 36.07 | 176.5 | 35.28 | 158.4 | 33.70 |
|        | 13                | 11.8     | 196.4                     | 35.31 | 189.0 | 33.56 | 175.5 | 32.02 | 166.6 | 30.92 | 158.1 | 30.13 | 139.8 | 28.49 |
|        | 15                | 13.7     | 179.1                     | 30.36 | 170.6 | 28.64 | 156.7 | 27.11 | 147.6 | 26.07 | 138.9 | 25.25 | 120.5 | 23.61 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 82.50                     | 76.47 | 82.50 | 77.12 | 81.90 | 77.81 | 81.90 | 78.87 | 81.90 | 79.57 | 80.20 | 79.93 |
|        | -24.8             | -25      | 137.3                     | 78.20 | 137.3 | 78.88 | 136.4 | 79.55 | 136.4 | 80.58 | 136.4 | 81.31 | 133.6 | 81.67 |
|        | -21.8             | -22      | 168.5                     | 79.21 | 168.5 | 79.90 | 167.2 | 80.56 | 167.2 | 81.59 | 167.2 | 82.32 | 164.3 | 82.65 |
|        | -19.8             | -20      | 178.5                     | 79.89 | 178.5 | 80.58 | 177.4 | 81.23 | 177.4 | 82.27 | 177.4 | 82.98 | 173.9 | 83.33 |
|        | -18.8             | -19      | 182.4                     | 80.22 | 182.4 | 80.91 | 181.3 | 81.56 | 181.3 | 82.60 | 181.3 | 83.32 | 177.9 | 82.29 |
|        | -16.7             | -17      | 190.9                     | 80.93 | 190.9 | 81.62 | 189.6 | 82.28 | 189.6 | 83.31 | 189.6 | 81.21 | 186.0 | 80.09 |
|        | -15               | -15.9    | 196.7                     | 81.43 | 196.7 | 82.12 | 195.5 | 82.79 | 195.5 | 81.69 | 195.5 | 79.68 | 193.6 | 78.52 |
|        | -13.7             | -15      | 202.6                     | 81.94 | 202.6 | 82.63 | 201.4 | 83.29 | 201.4 | 80.09 | 201.4 | 78.15 | 201.4 | 76.96 |
|        | -11.8             | -13      | 209.1                     | 82.57 | 209.1 | 83.28 | 208.0 | 81.02 | 208.0 | 78.04 | 208.0 | 76.20 | 204.3 | 73.61 |
|        | -9.8              | -11      | 216.2                     | 83.25 | 216.2 | 80.72 | 215.0 | 78.63 | 215.0 | 75.89 | 215.0 | 74.19 | 204.3 | 69.61 |
|        | -9.5              | -10      | 217.3                     | 82.83 | 217.3 | 80.33 | 216.2 | 78.25 | 216.2 | 75.57 | 216.2 | 73.88 | 204.3 | 68.87 |
|        | -8.5              | -9.1     | 221.6                     | 81.47 | 221.6 | 79.05 | 220.4 | 77.06 | 220.4 | 74.50 | 218.8 | 72.30 | 204.3 | 67.87 |
|        | -7                | -7.6     | 228.1                     | 79.39 | 228.1 | 77.13 | 226.7 | 75.27 | 226.4 | 72.84 | 218.8 | 68.87 | 204.3 | 66.40 |
|        | -5                | -5.6     | 236.3                     | 76.67 | 236.3 | 74.57 | 234.1 | 72.68 | 226.4 | 68.26 | 218.8 | 65.79 | 204.3 | 64.42 |
|        | -3                | -3.7     | 244.8                     | 73.93 | 244.8 | 72.04 | 234.1 | 67.87 | 226.4 | 65.11 | 218.8 | 63.85 | 204.3 | 62.45 |
|        | 0                 | -0.7     | 257.2                     | 69.82 | 249.6 | 66.20 | 234.1 | 63.57 | 226.4 | 62.08 | 218.8 | 60.99 | 204.3 | 59.50 |
|        | 3                 | 2.2      | 264.1                     | 64.34 | 249.6 | 61.13 | 234.1 | 60.17 | 226.4 | 59.05 | 218.8 | 58.12 | 204.3 | 56.53 |
|        | 5                 | 4.1      | 250.0                     | 55.03 | 235.4 | 53.88 | 219.7 | 52.95 | 212.0 | 51.98 | 204.3 | 51.11 | 189.6 | 49.37 |
|        | 7                 | 6        | 235.5                     | 48.13 | 220.7 | 47.06 | 204.9 | 46.13 | 197.2 | 45.33 | 189.3 | 44.53 | 174.5 | 42.64 |
|        | 9                 | 7.9      | 220.5                     | 42.37 | 205.4 | 41.24 | 189.6 | 40.20 | 181.9 | 39.40 | 174.0 | 38.58 | 158.7 | 36.68 |
|        | 11                | 9.8      | 204.9                     | 37.28 | 189.8 | 36.08 | 174.0 | 34.98 | 166.0 | 34.15 | 158.1 | 33.31 | 142.6 | 31.44 |
|        | 13                | 11.8     | 189.0                     | 32.36 | 173.7 | 31.15 | 157.6 | 30.00 | 149.6 | 29.20 | 141.5 | 28.36 | 125.8 | 26.50 |
|        | 15                | 13.7     | 172.3                     | 27.71 | 156.7 | 26.51 | 140.6 | 25.33 | 132.6 | 24.55 | 124.4 | 23.72 | 108.5 | 21.92 |
| 100    | -30               | -30.2    | 81.90                     | 87.56 | 81.90 | 87.18 | 81.60 | 75.67 | 81.60 | 86.15 | 81.60 | 83.76 | 79.90 | 85.53 |
|        | -24.8             | -25      | 136.7                     | 86.45 | 136.7 | 86.06 | 135.9 | 79.98 | 135.9 | 85.04 | 135.9 | 84.62 | 133.0 | 84.42 |
|        | -21.8             | -22      | 167.5                     | 85.80 | 167.5 | 85.41 | 166.6 | 82.49 | 166.6 | 84.41 | 166.6 | 85.12 | 163.3 | 83.77 |
|        | -19.8             | -20      | 177.7                     | 85.38 | 177.7 | 84.96 | 176.7 | 84.03 | 176.7 | 83.97 | 176.7 | 83.94 | 173.3 | 83.33 |
|        | -18.8             | -19      | 181.6                     | 85.17 | 180.7 | 84.76 | 180.7 | 84.36 | 180.7 | 83.74 | 180.7 | 83.32 | 177.1 | 82.05 |
|        | -16.7             | -17      | 188.8                     | 84.74 | 188.8 | 84.31 | 188.8 | 85.06 | 187.7 | 83.31 | 187.7 | 80.67 | 184.3 | 79.35 |
|        | -15               | -15.9    | 195.3                     | 84.41 | 195.3 | 83.99 | 194.5 | 84.18 | 194.2 | 81.39 | 194.2 | 78.77 | 186.7 | 75.87 |
|        | -13.7             | -15      | 201.7                     | 84.09 | 201.7 | 83.68 | 200.4 | 83.29 | 200.4 | 79.47 | 200.4 | 76.82 | 186.7 | 71.60 |
|        | -11.8             | -13      | 208.2                     | 83.68 | 207.1 | 83.28 | 207.1 | 80.73 | 207.1 | 77.03 | 200.4 | 72.04 | 186.7 | 69.28 |
|        | -9.8              | -11      | 215.1                     | 83.25 | 215.1 | 80.42 | 214.2 | 78.04 | 207.2 | 72.09 | 200.4 | 68.27 | 186.7 | 66.84 |
|        | -9.5              | -10      | 216.2                     | 82.80 | 216.2 | 79.97 | 214.2 | 77.21 | 207.2 | 71.33 | 200.4 | 67.91 | 186.7 | 66.46 |
|        | -8.5              | -9.1     | 220.5                     | 81.33 | 220.5 | 78.54 | 214.2 | 74.38 | 207.2 | 69.10 | 200.4 | 66.71 | 186.7 | 65.23 |
|        | -7                | -7.6     | 230.6                     | 79.08 | 227.8 | 75.84 | 214.2 | 70.45 | 207.2 | 67.29 | 200.4 | 64.91 | 186.7 | 63.40 |
|        | -5                | -5.6     | 240.6                     | 76.10 | 227.8 | 70.40 | 214.2 | 67.93 | 207.2 | 64.86 | 200.4 | 62.53 | 186.7 | 60.97 |
|        | -3                | -3.7     | 241.5                     | 71.40 | 227.8 | 67.11 | 214.2 | 65.39 | 207.2 | 62.45 | 200.4 | 60.14 | 186.7 | 58.53 |
|        | 0                 | -0.7     | 241.5                     | 65.19 | 227.8 | 63.05 | 214.2 | 61.57 | 207.2 | 58.83 | 200.4 | 56.55 | 186.7 | 54.88 |
|        | 3                 | 2.2      | 241.5                     | 60.96 | 227.8 | 59.00 | 214.2 | 57.76 | 207.2 | 55.21 | 200.4 | 52.99 | 186.7 | 51.23 |
|        | 5                 | 4.1      | 228.7                     | 53.61 | 214.8 | 51.72 | 201.1 | 50.51 | 193.9 | 48.23 | 187.1 | 46.08 | 173.3 | 44.20 |
|        | 7                 | 6        | 215.4                     | 46.71 | 201.4 | 44.91 | 187.6 | 43.77 | 180.3 | 41.67 | 173.5 | 39.68 | 159.5 | 37.72 |
|        | 9                 | 7.9      | 201.5                     | 40.98 | 187.6 | 39.24 | 173.6 | 38.03 | 166.4 | 36.11 | 159.3 | 34.28 | 145.1 | 32.36 |
|        | 11                | 9.8      | 187.4                     | 35.94 | 173.2 | 34.23 | 159.2 | 33.00 | 151.9 | 31.22 | 144.8 | 29.53 | 130.3 | 27.67 |
|        | 13                | 11.8     | 172.6                     | 31.14 | 158.4 | 29.48 | 144.2 | 28.24 | 136.9 | 26.63 | 129.6 | 25.08 | 115.0 | 23.28 |
|        | 15                | 13.7     | 157.6                     | 26.58 | 143.1 | 25.03 | 128.6 | 23.79 | 121.3 | 22.34 | 114.0 | 20.96 | 99.20 | 19.24 |
| 90     | -30               | -30.2    | 81.70                     | 75.34 | 81.70 | 76.30 | 81.10 | 77.08 | 81.10 | 77.36 | 81.10 | 78.10 | 79.60 | 86.87 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 136.2                     | 77.06 | 136.2 | 78.08 | 135.3 | 78.82 | 135.3 | 79.14 | 135.3 | 79.84 | 132.7 | 80.90 |
|        | -21.8             | -22      | 166.9                     | 78.05 | 166.9 | 79.10 | 166.0 | 79.82 | 166.0 | 80.16 | 166.0 | 80.86 | 162.7 | 77.45 |
|        | -19.8             | -20      | 177.1                     | 78.73 | 177.1 | 79.78 | 175.9 | 80.51 | 175.9 | 80.85 | 175.9 | 78.51 | 170.6 | 74.33 |
|        | -18.8             | -19      | 181.6                     | 79.08 | 180.7 | 80.12 | 179.7 | 80.83 | 179.7 | 79.64 | 179.7 | 77.33 | 170.6 | 71.60 |
|        | -16.7             | -17      | 188.8                     | 79.79 | 188.8 | 80.82 | 188.0 | 78.34 | 188.0 | 77.10 | 183.9 | 73.19 | 170.6 | 67.94 |
|        | -15               | -15.9    | 195.3                     | 80.29 | 195.3 | 78.98 | 193.9 | 76.58 | 189.9 | 73.74 | 183.9 | 70.41 | 170.6 | 66.30 |
|        | -13.7             | -15      | 201.7                     | 80.80 | 201.7 | 77.11 | 196.0 | 73.32 | 189.9 | 69.86 | 183.9 | 67.71 | 170.6 | 64.68 |
|        | -11.8             | -13      | 208.2                     | 78.27 | 207.1 | 74.79 | 196.0 | 68.89 | 189.9 | 67.57 | 183.9 | 65.61 | 170.6 | 62.59 |
|        | -9.8              | -11      | 215.1                     | 75.62 | 208.0 | 69.96 | 196.0 | 66.58 | 189.9 | 65.26 | 183.9 | 63.39 | 170.6 | 60.42 |
|        | -9.5              | -10      | 216.2                     | 75.20 | 208.0 | 69.22 | 196.0 | 66.24 | 189.9 | 64.92 | 183.9 | 63.04 | 170.6 | 60.09 |
|        | -8.5              | -9.1     | 220.5                     | 73.89 | 208.0 | 67.20 | 196.0 | 65.11 | 189.9 | 63.79 | 183.9 | 61.94 | 170.6 | 59.00 |
|        | -7                | -7.6     | 221.1                     | 68.94 | 208.0 | 65.36 | 196.0 | 63.43 | 189.9 | 62.07 | 183.9 | 60.27 | 170.6 | 57.36 |
|        | -5                | -5.6     | 221.1                     | 65.71 | 208.0 | 63.05 | 196.0 | 61.20 | 189.9 | 59.80 | 183.9 | 58.07 | 170.6 | 55.22 |
|        | -3                | -3.7     | 221.1                     | 63.21 | 208.0 | 60.73 | 196.0 | 58.97 | 189.9 | 57.52 | 183.9 | 55.84 | 170.6 | 53.06 |
|        | 0                 | -0.7     | 221.1                     | 59.46 | 208.0 | 57.23 | 196.0 | 55.62 | 189.9 | 54.11 | 183.9 | 52.52 | 170.6 | 49.82 |
|        | 3                 | 2.2      | 221.1                     | 55.69 | 208.0 | 53.75 | 196.0 | 52.26 | 189.9 | 50.72 | 183.9 | 49.21 | 170.6 | 46.55 |
|        | 5                 | 4.1      | 209.2                     | 49.08 | 196.1 | 47.30 | 184.1 | 45.84 | 177.7 | 44.28 | 171.7 | 42.85 | 158.4 | 40.27 |
|        | 7                 | 6        | 197.0                     | 42.89 | 183.9 | 41.28 | 171.6 | 39.82 | 165.3 | 38.31 | 159.2 | 37.00 | 145.7 | 34.49 |
|        | 9                 | 7.9      | 184.5                     | 37.23 | 171.2 | 35.67 | 158.9 | 34.27 | 152.5 | 32.86 | 146.2 | 31.63 | 132.6 | 29.31 |
|        | 11                | 9.8      | 171.5                     | 32.00 | 158.1 | 30.51 | 145.6 | 29.14 | 139.2 | 27.86 | 132.9 | 26.73 | 119.0 | 24.58 |
|        | 13                | 11.8     | 158.2                     | 27.17 | 144.8 | 25.78 | 132.0 | 24.49 | 125.3 | 23.32 | 119.0 | 22.29 | 105.1 | 20.32 |
|        | 15                | 13.7     | 144.3                     | 22.77 | 130.6 | 21.49 | 117.8 | 20.24 | 111.1 | 19.23 | 104.6 | 18.28 | 90.70 | 16.52 |
| 80     | -30               | -30.2    | 81.30                     | 66.23 | 81.30 | 67.32 | 80.80 | 68.08 | 80.80 | 67.18 | 80.80 | 77.14 | 79.30 | 73.95 |
|        | -24.8             | -25      | 135.6                     | 68.02 | 135.6 | 69.07 | 134.7 | 69.81 | 134.7 | 70.15 | 134.7 | 71.87 | 132.1 | 68.86 |
|        | -21.8             | -22      | 165.2                     | 69.05 | 165.2 | 70.07 | 165.2 | 70.81 | 165.2 | 71.85 | 164.0 | 68.34 | 152.5 | 62.57 |
|        | -19.8             | -20      | 175.1                     | 69.72 | 175.1 | 70.76 | 175.0 | 71.78 | 170.0 | 67.66 | 164.0 | 63.39 | 152.5 | 60.69 |
|        | -18.8             | -19      | 179.1                     | 70.06 | 179.1 | 71.83 | 175.2 | 69.22 | 170.0 | 65.22 | 164.0 | 62.43 | 152.5 | 59.80 |
|        | -16.7             | -17      | 184.8                     | 71.81 | 184.8 | 69.57 | 175.2 | 64.98 | 170.0 | 63.00 | 164.0 | 60.43 | 152.5 | 57.87 |
|        | -15               | -15.9    | 189.0                     | 70.15 | 186.7 | 67.86 | 175.2 | 63.44 | 170.0 | 61.48 | 164.0 | 58.98 | 152.5 | 56.47 |
|        | -13.7             | -15      | 193.2                     | 68.48 | 186.7 | 65.44 | 175.2 | 61.90 | 170.0 | 59.95 | 164.0 | 57.54 | 152.5 | 55.08 |
|        | -11.8             | -13      | 197.9                     | 66.36 | 186.7 | 62.52 | 175.2 | 59.95 | 170.0 | 58.04 | 164.0 | 55.72 | 152.5 | 53.33 |
|        | -9.8              | -11      | 198.1                     | 62.56 | 186.7 | 59.63 | 175.2 | 57.90 | 170.0 | 56.00 | 164.0 | 53.78 | 152.5 | 51.47 |
|        | -9.5              | -10      | 198.1                     | 61.77 | 186.7 | 58.95 | 175.2 | 57.59 | 170.0 | 55.70 | 164.0 | 53.50 | 152.5 | 51.21 |
|        | -8.5              | -9.1     | 198.1                     | 60.11 | 186.7 | 57.67 | 175.2 | 56.56 | 170.0 | 54.69 | 164.0 | 52.57 | 152.5 | 50.30 |
|        | -7                | -7.6     | 198.1                     | 57.92 | 186.7 | 56.13 | 175.2 | 55.03 | 170.0 | 53.16 | 164.0 | 51.13 | 152.5 | 48.90 |
|        | -5                | -5.6     | 198.1                     | 55.82 | 186.7 | 54.13 | 175.2 | 52.97 | 170.0 | 51.16 | 164.0 | 49.20 | 152.5 | 47.07 |
|        | -3                | -3.7     | 198.1                     | 53.73 | 186.7 | 52.09 | 175.2 | 50.94 | 170.0 | 49.14 | 164.0 | 47.30 | 152.5 | 45.22 |
|        | 0                 | -0.7     | 198.1                     | 50.57 | 186.7 | 49.08 | 175.2 | 47.90 | 170.0 | 46.12 | 164.0 | 44.44 | 152.5 | 42.49 |
|        | 3                 | 2.2      | 198.1                     | 47.43 | 186.7 | 46.03 | 175.2 | 44.82 | 170.0 | 43.07 | 164.0 | 41.59 | 152.5 | 39.73 |
|        | 5                 | 4.1      | 187.6                     | 41.90 | 176.0 | 40.53 | 164.4 | 39.27 | 159.2 | 37.60 | 153.2 | 36.24 | 141.5 | 34.44 |
|        | 7                 | 6        | 176.6                     | 36.69 | 165.1 | 35.37 | 153.4 | 34.06 | 147.9 | 32.52 | 141.9 | 31.29 | 130.1 | 29.57 |
|        | 9                 | 7.9      | 165.3                     | 31.45 | 153.8 | 30.21 | 142.0 | 28.93 | 136.5 | 27.54 | 130.3 | 26.44 | 118.5 | 24.83 |
|        | 11                | 9.8      | 153.6                     | 26.42 | 142.0 | 25.27 | 130.1 | 24.10 | 124.6 | 22.86 | 118.4 | 21.88 | 106.5 | 20.40 |
|        | 13                | 11.8     | 141.7                     | 22.16 | 129.8 | 21.07 | 117.9 | 20.00 | 112.2 | 18.91 | 106.0 | 18.02 | 93.90 | 16.67 |
|        | 15                | 13.7     | 129.2                     | 18.55 | 117.3 | 17.54 | 105.2 | 16.53 | 99.50 | 15.58 | 93.20 | 14.79 | 81.00 | 13.56 |
| 70     | -30               | -30.2    | 81.30                     | 66.45 | 81.30 | 66.82 | 80.80 | 67.51 | 80.80 | 76.10 | 80.80 | 72.44 | 79.30 | 69.13 |
|        | -24.8             | -25      | 135.6                     | 68.24 | 135.6 | 68.59 | 134.7 | 69.29 | 134.7 | 70.34 | 134.7 | 67.04 | 130.6 | 63.21 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 158.2                     | 69.27 | 158.2 | 69.61 | 149.3 | 66.73 | 144.2 | 63.59 | 139.7 | 60.64 | 130.6 | 57.82 |
|        | -19.8             | -20      | 168.0                     | 67.75 | 158.5 | 66.70 | 149.3 | 64.50 | 144.2 | 61.49 | 139.7 | 58.69 | 130.6 | 55.90 |
|        | -18.8             | -19      | 168.0                     | 66.71 | 158.5 | 65.59 | 149.3 | 63.41 | 144.2 | 60.43 | 139.7 | 57.68 | 130.6 | 54.95 |
|        | -16.7             | -17      | 168.0                     | 64.33 | 158.5 | 63.16 | 149.3 | 61.09 | 144.2 | 58.21 | 139.7 | 55.64 | 130.6 | 52.94 |
|        | -15               | -15.9    | 168.0                     | 62.65 | 158.5 | 61.46 | 149.3 | 59.42 | 144.2 | 56.64 | 139.7 | 54.16 | 130.6 | 51.52 |
|        | -13.7             | -15      | 168.0                     | 60.95 | 158.5 | 59.74 | 149.3 | 57.76 | 144.2 | 55.08 | 139.7 | 52.67 | 130.6 | 50.08 |
|        | -11.8             | -13      | 168.0                     | 58.80 | 158.5 | 57.59 | 149.3 | 55.67 | 144.2 | 53.06 | 139.7 | 50.80 | 130.6 | 48.29 |
|        | -9.8              | -11      | 168.0                     | 56.56 | 158.5 | 55.28 | 149.3 | 53.47 | 144.2 | 50.97 | 139.7 | 48.85 | 130.6 | 46.38 |
|        | -9.5              | -10      | 168.0                     | 56.22 | 158.5 | 54.93 | 149.3 | 53.13 | 144.2 | 50.64 | 139.7 | 48.55 | 130.6 | 46.10 |
|        | -8.5              | -9.1     | 168.0                     | 55.10 | 158.5 | 53.81 | 149.3 | 52.03 | 144.2 | 49.59 | 139.7 | 47.55 | 130.6 | 45.14 |
|        | -7                | -7.6     | 168.0                     | 53.39 | 158.5 | 52.10 | 149.3 | 50.39 | 144.2 | 48.03 | 139.7 | 46.08 | 130.6 | 43.71 |
|        | -5                | -5.6     | 168.0                     | 51.16 | 158.5 | 49.83 | 149.3 | 48.16 | 144.2 | 45.94 | 139.7 | 44.13 | 130.6 | 41.83 |
|        | -3                | -3.7     | 168.0                     | 48.93 | 158.5 | 47.56 | 149.3 | 45.97 | 144.2 | 43.85 | 139.7 | 42.17 | 130.6 | 39.93 |
|        | 0                 | -0.7     | 168.0                     | 45.57 | 158.5 | 44.15 | 149.3 | 42.69 | 144.2 | 40.72 | 139.7 | 39.25 | 130.6 | 37.10 |
|        | 3                 | 2.2      | 168.0                     | 42.21 | 158.5 | 40.76 | 149.3 | 39.39 | 144.2 | 37.60 | 139.7 | 36.32 | 130.6 | 34.26 |
|        | 5                 | 4.1      | 159.0                     | 36.98 | 149.4 | 35.49 | 140.2 | 34.21 | 135.1 | 32.59 | 130.4 | 31.46 | 121.2 | 29.49 |
|        | 7                 | 6        | 149.8                     | 32.13 | 140.1 | 30.65 | 130.6 | 29.39 | 125.5 | 27.94 | 121.0 | 26.99 | 111.6 | 25.10 |
|        | 9                 | 7.9      | 140.2                     | 26.55 | 130.4 | 25.21 | 121.0 | 24.07 | 115.8 | 22.85 | 111.1 | 22.00 | 101.4 | 20.34 |
|        | 11                | 9.8      | 130.3                     | 22.44 | 120.5 | 21.22 | 110.8 | 20.18 | 105.7 | 19.09 | 100.9 | 18.32 | 91.20 | 16.84 |
|        | 13                | 11.8     | 120.1                     | 18.91 | 110.3 | 17.81 | 100.5 | 16.83 | 95.20 | 15.88 | 90.40 | 15.20 | 80.50 | 13.88 |
|        | 15                | 13.7     | 109.6                     | 15.92 | 99.50 | 14.91 | 89.80 | 14.04 | 84.40 | 13.17 | 79.40 | 12.57 | 69.40 | 11.38 |
| 60     | -30               | -30.2    | 81.00                     | 65.82 | 81.00 | 66.51 | 80.40 | 75.60 | 78.20 | 71.61 | 75.40 | 67.94 | 70.80 | 64.61 |
|        | -24.8             | -25      | 134.9                     | 67.61 | 134.9 | 68.30 | 128.0 | 66.26 | 123.6 | 62.44 | 119.3 | 59.28 | 111.9 | 56.30 |
|        | -21.8             | -22      | 144.2                     | 68.19 | 136.3 | 65.80 | 128.0 | 62.41 | 123.6 | 59.25 | 119.3 | 56.27 | 111.9 | 53.39 |
|        | -19.8             | -20      | 144.2                     | 65.78 | 136.3 | 63.40 | 128.0 | 60.14 | 123.6 | 57.12 | 119.3 | 54.27 | 111.9 | 51.46 |
|        | -18.8             | -19      | 144.2                     | 64.57 | 136.3 | 62.20 | 128.0 | 59.03 | 123.6 | 56.07 | 119.3 | 53.27 | 111.9 | 50.48 |
|        | -16.7             | -17      | 144.2                     | 62.03 | 136.3 | 59.68 | 128.0 | 56.64 | 123.6 | 53.83 | 119.3 | 51.18 | 111.9 | 48.45 |
|        | -15               | -15.9    | 144.2                     | 60.22 | 136.3 | 57.89 | 128.0 | 54.94 | 123.6 | 52.24 | 119.3 | 49.67 | 111.9 | 47.02 |
|        | -13.7             | -15      | 144.2                     | 58.41 | 136.3 | 56.11 | 128.0 | 53.26 | 123.6 | 50.65 | 119.3 | 48.19 | 111.9 | 45.57 |
|        | -11.8             | -13      | 144.2                     | 56.12 | 136.3 | 53.82 | 128.0 | 51.09 | 123.6 | 48.62 | 119.3 | 46.29 | 111.9 | 43.73 |
|        | -9.8              | -11      | 144.2                     | 53.71 | 136.3 | 51.42 | 128.0 | 48.84 | 123.6 | 46.52 | 119.3 | 44.29 | 111.9 | 41.81 |
|        | -9.5              | -10      | 144.2                     | 53.35 | 136.3 | 51.06 | 128.0 | 48.51 | 123.6 | 46.19 | 119.3 | 43.98 | 111.9 | 41.51 |
|        | -8.5              | -9.1     | 144.2                     | 52.15 | 136.3 | 49.87 | 128.0 | 47.39 | 123.6 | 45.14 | 119.3 | 42.99 | 111.9 | 40.54 |
|        | -7                | -7.6     | 144.2                     | 50.35 | 136.3 | 48.09 | 128.0 | 45.69 | 123.6 | 43.55 | 119.3 | 41.51 | 111.9 | 39.09 |
|        | -5                | -5.6     | 144.2                     | 47.92 | 136.3 | 45.69 | 128.0 | 43.44 | 123.6 | 41.45 | 119.3 | 39.52 | 111.9 | 37.19 |
|        | -3                | -3.7     | 144.2                     | 45.55 | 136.3 | 43.32 | 128.0 | 41.18 | 123.6 | 39.33 | 119.3 | 37.53 | 111.9 | 35.26 |
|        | 0                 | -0.7     | 144.2                     | 41.93 | 136.3 | 39.75 | 128.0 | 37.83 | 123.6 | 36.16 | 119.3 | 34.54 | 111.9 | 32.39 |
|        | 3                 | 2.2      | 144.2                     | 38.32 | 136.3 | 36.17 | 128.0 | 34.44 | 123.6 | 33.01 | 119.3 | 31.58 | 111.9 | 29.50 |
|        | 5                 | 4.1      | 136.5                     | 33.32 | 128.6 | 31.24 | 120.1 | 29.67 | 115.7 | 28.43 | 111.4 | 27.15 | 103.9 | 25.20 |
|        | 7                 | 6        | 128.6                     | 28.67 | 120.5 | 26.69 | 112.1 | 25.29 | 107.7 | 24.18 | 103.2 | 23.10 | 95.50 | 21.28 |
|        | 9                 | 7.9      | 120.4                     | 23.49 | 112.2 | 21.77 | 103.7 | 20.51 | 99.20 | 19.59 | 94.90 | 18.68 | 87.00 | 17.10 |
|        | 11                | 9.8      | 111.9                     | 19.95 | 103.7 | 18.44 | 95.10 | 17.32 | 90.70 | 16.49 | 86.10 | 15.69 | 78.20 | 14.27 |
|        | 13                | 11.8     | 103.1                     | 16.92 | 94.90 | 15.56 | 86.10 | 14.56 | 81.60 | 13.83 | 77.10 | 13.11 | 68.90 | 11.86 |
|        | 15                | 13.7     | 94.10                     | 14.35 | 85.60 | 13.15 | 76.80 | 12.21 | 72.30 | 11.58 | 67.80 | 10.94 | 59.50 | 9.84  |
| 50     | -30               | -30.2    | 76.00                     | 57.20 | 71.70 | 65.50 | 67.40 | 62.01 | 65.20 | 58.81 | 63.10 | 55.67 | 58.70 | 52.94 |
|        | -24.8             | -25      | 120.2                     | 55.97 | 113.4 | 56.96 | 106.6 | 53.98 | 103.2 | 51.20 | 99.70 | 48.58 | 92.70 | 46.12 |
|        | -21.8             | -22      | 120.2                     | 56.95 | 113.4 | 53.98 | 106.6 | 51.19 | 103.2 | 48.55 | 99.70 | 46.10 | 92.70 | 43.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 120.2                     | 54.86 | 113.4 | 51.97 | 106.6 | 49.32 | 103.2 | 46.77 | 99.70 | 44.45 | 92.70 | 42.13 |
|        | -18.8             | -19      | 120.2                     | 53.81 | 113.4 | 50.97 | 106.6 | 48.39 | 103.2 | 45.92 | 99.70 | 43.62 | 92.70 | 41.36 |
|        | -16.7             | -17      | 120.2                     | 51.64 | 113.4 | 48.89 | 106.6 | 46.45 | 103.2 | 44.05 | 99.70 | 41.91 | 92.70 | 39.69 |
|        | -15               | -15.9    | 120.2                     | 50.08 | 113.4 | 47.38 | 106.6 | 45.04 | 103.2 | 42.72 | 99.70 | 40.68 | 92.70 | 38.51 |
|        | -13.7             | -15      | 120.2                     | 48.52 | 113.4 | 45.90 | 106.6 | 43.64 | 103.2 | 41.41 | 99.70 | 39.44 | 92.70 | 37.32 |
|        | -11.8             | -13      | 120.2                     | 46.56 | 113.4 | 44.02 | 106.6 | 41.88 | 103.2 | 39.73 | 99.70 | 37.88 | 92.70 | 35.82 |
|        | -9.8              | -11      | 120.2                     | 44.49 | 113.4 | 42.02 | 106.6 | 40.01 | 103.2 | 37.95 | 99.70 | 36.22 | 92.70 | 34.22 |
|        | -9.5              | -10      | 120.2                     | 44.16 | 113.4 | 41.74 | 106.6 | 39.73 | 103.2 | 37.70 | 99.70 | 36.00 | 92.70 | 33.99 |
|        | -8.5              | -9.1     | 120.2                     | 43.12 | 113.4 | 40.74 | 106.6 | 38.80 | 103.2 | 36.82 | 99.70 | 35.17 | 92.70 | 33.19 |
|        | -7                | -7.6     | 120.2                     | 41.57 | 113.4 | 39.25 | 106.6 | 37.41 | 103.2 | 35.51 | 99.70 | 33.94 | 92.70 | 32.02 |
|        | -5                | -5.6     | 120.2                     | 39.49 | 113.4 | 37.27 | 106.6 | 35.57 | 103.2 | 33.76 | 99.70 | 32.30 | 92.70 | 30.43 |
|        | -3                | -3.7     | 120.2                     | 37.44 | 113.4 | 35.29 | 106.6 | 33.70 | 103.2 | 31.99 | 99.70 | 30.67 | 92.70 | 28.88 |
|        | 0                 | -0.7     | 120.2                     | 34.35 | 113.4 | 32.29 | 106.6 | 30.92 | 103.2 | 29.36 | 99.70 | 28.23 | 92.70 | 26.50 |
|        | 3                 | 2.2      | 120.2                     | 31.24 | 113.4 | 29.35 | 106.6 | 28.17 | 103.2 | 26.72 | 99.70 | 25.78 | 92.70 | 24.14 |
|        | 5                 | 4.1      | 113.7                     | 27.12 | 106.9 | 25.36 | 100.1 | 24.30 | 96.70 | 23.03 | 93.20 | 22.22 | 85.90 | 20.68 |
|        | 7                 | 6        | 107.2                     | 23.31 | 100.3 | 21.69 | 93.30 | 20.76 | 89.90 | 19.64 | 86.40 | 18.96 | 79.10 | 17.54 |
|        | 9                 | 7.9      | 100.3                     | 19.38 | 93.30 | 17.98 | 86.40 | 17.14 | 82.80 | 16.18 | 79.30 | 15.58 | 72.00 | 14.33 |
|        | 11                | 9.8      | 93.30                     | 16.58 | 86.20 | 15.32 | 79.10 | 14.56 | 75.70 | 13.73 | 72.00 | 13.19 | 64.70 | 12.07 |
|        | 13                | 11.8     | 85.90                     | 14.16 | 78.80 | 13.04 | 71.70 | 12.34 | 68.10 | 11.60 | 64.60 | 11.11 | 57.00 | 10.13 |
|        | 15                | 13.7     | 78.50                     | 12.09 | 71.20 | 11.11 | 64.10 | 10.48 | 60.40 | 9.82  | 56.70 | 9.39  | 49.30 | 8.49  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM700LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 88.90                     | 72.67 | 88.90 | 73.14 | 88.20 | 73.58 | 88.20 | 74.22 | 88.20 | 74.89 | 86.80 | 75.83 |
|        | -24.8             | -25      | 148.0                     | 74.12 | 148.0 | 74.59 | 147.0 | 75.02 | 147.0 | 75.67 | 147.0 | 76.30 | 144.8 | 77.25 |
|        | -21.8             | -22      | 178.1                     | 74.95 | 178.1 | 75.43 | 177.0 | 75.87 | 177.0 | 76.50 | 177.0 | 77.11 | 174.0 | 78.08 |
|        | -19.8             | -20      | 187.0                     | 75.51 | 187.0 | 75.99 | 185.7 | 76.40 | 185.7 | 77.05 | 185.7 | 77.65 | 182.6 | 78.62 |
|        | -18.8             | -19      | 190.9                     | 75.76 | 190.9 | 76.26 | 189.7 | 76.67 | 189.7 | 77.31 | 189.7 | 77.92 | 186.5 | 78.89 |
|        | -16.7             | -17      | 199.3                     | 76.36 | 199.3 | 76.83 | 198.0 | 77.25 | 198.0 | 77.88 | 198.0 | 78.47 | 194.7 | 79.46 |
|        | -15               | -15.9    | 205.3                     | 76.74 | 205.3 | 77.22 | 204.0 | 77.64 | 204.0 | 78.27 | 204.0 | 78.88 | 200.7 | 77.80 |
|        | -13.7             | -15      | 211.4                     | 77.17 | 211.4 | 77.63 | 210.2 | 78.05 | 210.2 | 78.68 | 210.2 | 79.31 | 206.6 | 76.17 |
|        | -11.8             | -13      | 218.3                     | 77.67 | 218.3 | 78.14 | 216.8 | 78.57 | 216.8 | 79.22 | 216.8 | 77.08 | 213.9 | 74.08 |
|        | -9.8              | -11      | 225.5                     | 78.21 | 225.5 | 78.70 | 224.1 | 79.11 | 224.1 | 76.86 | 224.1 | 74.78 | 221.3 | 71.93 |
|        | -9.5              | -10      | 226.8                     | 78.31 | 226.8 | 78.76 | 225.5 | 78.74 | 225.5 | 76.49 | 225.2 | 74.44 | 222.4 | 71.60 |
|        | -8.5              | -9.1     | 231.4                     | 78.57 | 231.4 | 79.05 | 229.9 | 77.52 | 229.9 | 75.33 | 228.6 | 73.28 | 226.4 | 70.52 |
|        | -7                | -7.6     | 238.4                     | 78.97 | 238.4 | 77.25 | 236.8 | 75.72 | 236.8 | 73.54 | 236.8 | 71.55 | 232.8 | 68.88 |
|        | -5                | -5.6     | 247.4                     | 76.73 | 247.4 | 74.98 | 245.9 | 73.42 | 245.9 | 71.30 | 245.9 | 69.33 | 240.4 | 66.82 |
|        | -3                | -3.7     | 256.7                     | 74.47 | 256.7 | 72.67 | 255.0 | 71.07 | 255.0 | 69.02 | 255.0 | 67.11 | 247.2 | 64.49 |
|        | 0                 | -0.7     | 270.1                     | 71.13 | 270.1 | 69.27 | 268.7 | 67.58 | 268.5 | 65.59 | 266.8 | 63.34 | 248.9 | 59.06 |
|        | 3                 | 2.2      | 282.2                     | 67.33 | 282.2 | 65.40 | 280.5 | 63.72 | 277.1 | 61.14 | 267.4 | 57.62 | 248.9 | 55.39 |
|        | 5                 | 4.1      | 269.9                     | 58.27 | 268.8 | 56.23 | 266.7 | 54.62 | 259.6 | 51.82 | 249.6 | 49.65 | 231.0 | 47.81 |
|        | 7                 | 6        | 254.1                     | 49.77 | 252.0 | 47.77 | 248.8 | 46.04 | 241.4 | 44.17 | 231.3 | 42.61 | 212.5 | 40.80 |
|        | 9                 | 7.9      | 237.8                     | 43.27 | 234.6 | 41.30 | 230.3 | 39.49 | 222.5 | 38.00 | 212.5 | 36.54 | 193.5 | 34.72 |
| 120    | 11                | 9.8      | 221.2                     | 37.74 | 216.7 | 35.81 | 211.1 | 34.04 | 203.0 | 32.64 | 193.2 | 31.25 | 173.7 | 29.42 |
|        | 13                | 11.8     | 203.8                     | 32.47 | 198.2 | 30.66 | 191.2 | 28.89 | 183.0 | 27.60 | 172.9 | 26.31 | 153.3 | 24.50 |
|        | 15                | 13.7     | 185.9                     | 27.57 | 178.9 | 25.82 | 170.7 | 24.13 | 162.3 | 22.96 | 151.9 | 21.77 | 132.3 | 20.02 |
|        | -30               | -30.2    | 88.20                     | 73.14 | 88.20 | 73.58 | 87.60 | 74.22 | 87.60 | 74.89 | 87.60 | 75.83 | 86.10 | 76.56 |
|        | -24.8             | -25      | 147.0                     | 74.59 | 147.0 | 75.02 | 146.0 | 75.67 | 146.0 | 76.30 | 146.0 | 77.25 | 143.5 | 77.95 |
|        | -21.8             | -22      | 177.0                     | 75.43 | 177.0 | 75.87 | 175.7 | 76.50 | 175.7 | 77.11 | 175.7 | 78.08 | 172.9 | 78.74 |
|        | -19.8             | -20      | 185.6                     | 75.99 | 185.6 | 76.40 | 184.4 | 77.05 | 184.4 | 77.65 | 184.4 | 78.62 | 181.3 | 79.27 |
|        | -18.8             | -19      | 189.6                     | 76.26 | 189.6 | 76.67 | 188.3 | 77.31 | 188.3 | 77.92 | 188.3 | 78.89 | 185.4 | 79.56 |
|        | -16.7             | -17      | 198.0                     | 76.83 | 198.0 | 77.25 | 196.7 | 77.88 | 196.7 | 78.47 | 196.7 | 79.46 | 193.3 | 77.42 |
|        | -15               | -15.9    | 203.9                     | 77.22 | 203.9 | 77.64 | 202.6 | 78.27 | 202.6 | 78.88 | 202.6 | 77.87 | 199.2 | 75.91 |
|        | -13.7             | -15      | 209.7                     | 77.63 | 209.7 | 78.05 | 208.5 | 78.68 | 208.5 | 79.31 | 208.5 | 76.28 | 205.2 | 74.42 |
|        | -11.8             | -13      | 216.7                     | 78.14 | 216.7 | 78.57 | 215.1 | 79.22 | 215.1 | 77.07 | 215.1 | 74.31 | 212.4 | 72.49 |
|        | -9.8              | -11      | 223.6                     | 78.70 | 223.6 | 79.11 | 222.3 | 76.76 | 222.3 | 74.74 | 222.3 | 72.21 | 219.9 | 70.51 |
|        | -9.5              | -10      | 225.4                     | 78.76 | 225.4 | 78.72 | 223.7 | 76.40 | 223.7 | 74.40 | 223.7 | 71.89 | 221.1 | 70.20 |
|        | -8.5              | -9.1     | 229.6                     | 79.05 | 229.6 | 77.41 | 228.4 | 75.16 | 228.4 | 73.23 | 228.2 | 70.86 | 225.3 | 69.20 |
|        | -7                | -7.6     | 236.5                     | 77.12 | 236.5 | 75.48 | 235.1 | 73.37 | 235.1 | 71.49 | 234.5 | 69.29 | 230.5 | 67.57 |
|        | -5                | -5.6     | 245.8                     | 74.61 | 245.8 | 72.98 | 244.0 | 70.99 | 244.0 | 69.23 | 244.0 | 67.29 | 233.8 | 64.36 |
|        | -3                | -3.7     | 254.8                     | 72.13 | 254.8 | 70.52 | 253.3 | 68.65 | 253.3 | 67.00 | 251.6 | 64.89 | 233.8 | 60.67 |
|        | 0                 | -0.7     | 268.4                     | 68.41 | 268.4 | 66.78 | 265.5 | 64.85 | 259.7 | 61.98 | 251.6 | 59.03 | 233.8 | 57.78 |
|        | 3                 | 2.2      | 280.3                     | 64.21 | 279.7 | 62.49 | 268.8 | 59.30 | 259.7 | 57.11 | 251.6 | 56.16 | 233.8 | 55.06 |
|        | 5                 | 4.1      | 267.7                     | 55.35 | 263.7 | 53.19 | 252.4 | 50.87 | 243.2 | 49.73 | 234.8 | 48.96 | 217.0 | 47.73 |
|        | 7                 | 6        | 252.0                     | 47.02 | 247.2 | 45.21 | 235.3 | 43.89 | 226.1 | 42.84 | 217.7 | 42.20 | 199.5 | 40.92 |
|        | 9                 | 7.9      | 236.0                     | 40.86 | 230.3 | 39.23 | 217.8 | 37.89 | 208.5 | 36.86 | 200.1 | 36.17 | 181.7 | 34.81 |
|        | 11                | 9.8      | 219.4                     | 35.62 | 212.8 | 34.00 | 199.5 | 32.62 | 190.4 | 31.62 | 181.6 | 30.92 | 163.2 | 29.52 |
|        | 13                | 11.8     | 202.3                     | 30.65 | 194.6 | 29.10 | 180.9 | 27.72 | 171.5 | 26.75 | 162.7 | 26.05 | 144.1 | 24.61 |
|        | 15                | 13.7     | 184.4                     | 26.00 | 175.8 | 24.51 | 161.4 | 23.18 | 151.9 | 22.27 | 143.1 | 21.56 | 124.2 | 20.14 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 87.80                     | 73.58 | 87.80 | 74.22 | 87.20 | 74.89 | 87.20 | 75.83 | 87.20 | 76.56 | 85.70 | 76.80 |
|        | -24.8             | -25      | 146.2                     | 75.02 | 146.2 | 75.67 | 145.3 | 76.30 | 145.3 | 77.25 | 145.3 | 77.95 | 142.8 | 78.24 |
|        | -21.8             | -22      | 175.9                     | 75.87 | 175.9 | 76.50 | 174.7 | 77.11 | 174.7 | 78.08 | 174.7 | 78.74 | 172.0 | 79.08 |
|        | -19.8             | -20      | 184.6                     | 76.40 | 184.6 | 77.05 | 183.5 | 77.65 | 183.5 | 78.62 | 183.5 | 79.27 | 180.2 | 79.61 |
|        | -18.8             | -19      | 188.4                     | 76.67 | 188.4 | 77.31 | 187.3 | 77.92 | 187.3 | 78.89 | 187.3 | 79.56 | 184.2 | 78.49 |
|        | -16.7             | -17      | 196.9                     | 77.25 | 196.9 | 77.88 | 195.4 | 78.47 | 195.4 | 79.46 | 195.4 | 77.27 | 192.2 | 76.16 |
|        | -15               | -15.9    | 202.7                     | 77.64 | 202.7 | 78.27 | 201.3 | 78.88 | 201.3 | 77.73 | 201.3 | 75.65 | 199.7 | 74.49 |
|        | -13.7             | -15      | 208.6                     | 78.05 | 208.6 | 78.68 | 207.2 | 79.31 | 207.2 | 76.01 | 207.2 | 74.03 | 207.2 | 72.85 |
|        | -11.8             | -13      | 215.3                     | 78.57 | 215.3 | 79.22 | 214.0 | 76.87 | 214.0 | 73.84 | 214.0 | 71.98 | 210.4 | 69.55 |
|        | -9.8              | -11      | 222.5                     | 79.11 | 222.5 | 76.50 | 221.2 | 74.34 | 221.2 | 71.56 | 221.2 | 69.82 | 210.4 | 65.68 |
|        | -9.5              | -10      | 223.7                     | 78.66 | 223.7 | 76.07 | 222.6 | 73.96 | 222.6 | 71.23 | 222.6 | 69.50 | 210.4 | 64.71 |
|        | -8.5              | -9.1     | 228.5                     | 77.21 | 228.5 | 74.71 | 227.1 | 72.71 | 227.1 | 70.07 | 225.3 | 67.89 | 210.4 | 63.57 |
|        | -7                | -7.6     | 235.4                     | 75.00 | 235.4 | 72.66 | 234.0 | 70.79 | 233.2 | 68.14 | 225.3 | 64.37 | 210.4 | 62.03 |
|        | -5                | -5.6     | 244.3                     | 72.17 | 244.3 | 70.06 | 241.1 | 67.90 | 233.2 | 63.57 | 225.3 | 61.32 | 210.4 | 60.02 |
|        | -3                | -3.7     | 253.3                     | 69.34 | 252.8 | 67.30 | 241.1 | 63.15 | 233.2 | 60.59 | 225.3 | 59.36 | 210.4 | 58.05 |
|        | 0                 | -0.7     | 266.0                     | 64.90 | 256.9 | 61.25 | 241.1 | 58.96 | 233.2 | 57.48 | 225.3 | 56.45 | 210.4 | 55.05 |
|        | 3                 | 2.2      | 271.9                     | 59.09 | 256.9 | 56.42 | 241.1 | 55.49 | 233.2 | 54.41 | 225.3 | 53.53 | 210.4 | 52.07 |
|        | 5                 | 4.1      | 257.5                     | 50.25 | 242.2 | 49.17 | 226.4 | 48.27 | 218.5 | 47.36 | 210.3 | 46.55 | 195.3 | 44.93 |
|        | 7                 | 6        | 242.4                     | 43.41 | 227.1 | 42.41 | 211.1 | 41.57 | 203.0 | 40.84 | 194.9 | 40.09 | 179.6 | 38.38 |
|        | 9                 | 7.9      | 227.0                     | 37.76 | 211.4 | 36.71 | 195.3 | 35.79 | 187.3 | 35.06 | 179.1 | 34.31 | 163.5 | 32.58 |
|        | 11                | 9.8      | 211.0                     | 32.81 | 195.4 | 31.74 | 179.2 | 30.74 | 170.9 | 30.00 | 162.7 | 29.26 | 147.0 | 27.56 |
|        | 13                | 11.8     | 194.5                     | 28.15 | 178.8 | 27.08 | 162.3 | 26.05 | 154.0 | 25.33 | 145.8 | 24.60 | 129.5 | 22.97 |
|        | 15                | 13.7     | 177.4                     | 23.80 | 161.3 | 22.76 | 144.8 | 21.72 | 136.5 | 21.06 | 128.0 | 20.34 | 111.7 | 18.78 |
| 100    | -30               | -30.2    | 87.20                     | 82.28 | 87.20 | 82.11 | 86.80 | 72.24 | 86.80 | 81.53 | 86.80 | 79.81 | 85.30 | 81.21 |
|        | -24.8             | -25      | 145.5                     | 81.47 | 145.5 | 81.27 | 144.8 | 76.18 | 144.8 | 80.72 | 144.8 | 80.52 | 142.1 | 80.40 |
|        | -21.8             | -22      | 175.0                     | 81.02 | 175.0 | 80.78 | 174.0 | 78.43 | 174.0 | 80.27 | 174.0 | 80.92 | 171.2 | 79.95 |
|        | -19.8             | -20      | 183.8                     | 80.68 | 183.8 | 80.46 | 182.5 | 79.83 | 182.5 | 79.92 | 182.5 | 80.02 | 179.6 | 79.61 |
|        | -18.8             | -19      | 187.7                     | 80.51 | 186.6 | 80.33 | 186.6 | 80.10 | 186.6 | 79.76 | 186.6 | 79.56 | 183.5 | 78.27 |
|        | -16.7             | -17      | 194.7                     | 80.20 | 194.7 | 79.97 | 194.7 | 80.66 | 193.7 | 79.46 | 193.7 | 76.80 | 190.5 | 75.49 |
|        | -15               | -15.9    | 201.3                     | 79.94 | 201.3 | 79.73 | 200.6 | 79.97 | 200.2 | 77.45 | 200.2 | 74.82 | 192.2 | 71.80 |
|        | -13.7             | -15      | 207.6                     | 79.71 | 207.6 | 79.51 | 206.4 | 79.31 | 206.4 | 75.45 | 206.4 | 72.86 | 192.2 | 67.69 |
|        | -11.8             | -13      | 214.2                     | 79.43 | 213.1 | 79.22 | 213.1 | 76.62 | 213.1 | 72.93 | 206.5 | 68.19 | 192.2 | 65.29 |
|        | -9.8              | -11      | 221.4                     | 79.11 | 221.4 | 76.21 | 220.5 | 73.82 | 213.5 | 68.04 | 206.5 | 64.17 | 192.2 | 62.78 |
|        | -9.5              | -10      | 222.6                     | 78.63 | 222.6 | 75.74 | 220.5 | 72.98 | 213.5 | 67.30 | 206.5 | 63.80 | 192.2 | 62.41 |
|        | -8.5              | -9.1     | 227.4                     | 77.07 | 227.4 | 74.27 | 220.5 | 70.16 | 213.5 | 64.88 | 206.5 | 62.55 | 192.2 | 61.15 |
|        | -7                | -7.6     | 237.8                     | 74.69 | 234.5 | 71.25 | 220.5 | 66.13 | 213.5 | 63.01 | 206.5 | 60.72 | 192.2 | 59.28 |
|        | -5                | -5.6     | 248.0                     | 71.54 | 234.5 | 65.92 | 220.5 | 63.57 | 213.5 | 60.59 | 206.5 | 58.34 | 192.2 | 56.88 |
|        | -3                | -3.7     | 248.8                     | 66.83 | 234.5 | 62.71 | 220.5 | 61.02 | 213.5 | 58.16 | 206.5 | 55.97 | 192.2 | 54.46 |
|        | 0                 | -0.7     | 248.8                     | 60.66 | 234.5 | 58.58 | 220.5 | 57.14 | 213.5 | 54.54 | 206.5 | 52.38 | 192.2 | 50.84 |
|        | 3                 | 2.2      | 248.8                     | 56.33 | 234.5 | 54.48 | 220.5 | 53.29 | 213.5 | 50.91 | 206.5 | 48.84 | 192.2 | 47.20 |
|        | 5                 | 4.1      | 235.5                     | 48.97 | 221.2 | 47.22 | 206.9 | 46.08 | 199.9 | 43.94 | 192.9 | 42.01 | 178.2 | 40.25 |
|        | 7                 | 6        | 221.9                     | 42.15 | 207.2 | 40.51 | 193.1 | 39.43 | 185.9 | 37.55 | 178.8 | 35.76 | 164.2 | 33.96 |
|        | 9                 | 7.9      | 207.6                     | 36.39 | 193.1 | 34.84 | 178.5 | 33.75 | 171.5 | 32.02 | 164.1 | 30.39 | 149.4 | 28.67 |
|        | 11                | 9.8      | 193.2                     | 31.41 | 178.5 | 29.88 | 163.8 | 28.79 | 156.4 | 27.22 | 149.1 | 25.74 | 134.1 | 24.10 |
|        | 13                | 11.8     | 177.9                     | 26.74 | 163.1 | 25.30 | 148.4 | 24.21 | 141.1 | 22.82 | 133.6 | 21.51 | 118.3 | 19.94 |
|        | 15                | 13.7     | 162.3                     | 22.41 | 147.4 | 21.10 | 132.4 | 20.03 | 124.9 | 18.84 | 117.5 | 17.64 | 102.1 | 16.23 |
| 90     | -30               | -30.2    | 87.10                     | 72.02 | 87.10 | 72.95 | 86.50 | 73.64 | 86.50 | 73.95 | 86.50 | 74.65 | 85.00 | 83.17 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 145.1                     | 73.44 | 145.1 | 74.41 | 144.2 | 75.09 | 144.2 | 75.41 | 144.2 | 76.06 | 141.7 | 77.03 |
|        | -21.8             | -22      | 174.3                     | 74.25 | 174.3 | 75.24 | 173.3 | 75.93 | 173.3 | 76.23 | 173.3 | 76.90 | 170.5 | 73.50 |
|        | -19.8             | -20      | 183.1                     | 74.84 | 183.1 | 75.77 | 181.8 | 76.47 | 181.8 | 76.79 | 181.8 | 74.48 | 175.7 | 69.88 |
|        | -18.8             | -19      | 187.7                     | 75.11 | 186.6 | 76.07 | 185.9 | 76.73 | 185.9 | 75.54 | 185.9 | 73.27 | 175.7 | 67.33 |
|        | -16.7             | -17      | 194.7                     | 75.68 | 194.7 | 76.63 | 193.9 | 74.16 | 193.9 | 72.94 | 189.3 | 69.11 | 175.7 | 63.97 |
|        | -15               | -15.9    | 201.3                     | 76.07 | 201.3 | 74.73 | 199.8 | 72.34 | 195.6 | 69.61 | 189.3 | 66.31 | 175.7 | 62.32 |
|        | -13.7             | -15      | 207.6                     | 76.48 | 207.6 | 72.81 | 201.7 | 69.13 | 195.6 | 65.86 | 189.3 | 63.61 | 175.7 | 60.68 |
|        | -11.8             | -13      | 214.2                     | 73.89 | 213.1 | 70.42 | 201.7 | 64.78 | 195.6 | 63.38 | 189.3 | 61.47 | 175.7 | 58.58 |
|        | -9.8              | -11      | 221.4                     | 71.16 | 214.2 | 65.69 | 201.7 | 62.30 | 195.6 | 61.05 | 189.3 | 59.24 | 175.7 | 56.41 |
|        | -9.5              | -10      | 222.6                     | 70.73 | 214.2 | 64.94 | 201.7 | 61.95 | 195.6 | 60.70 | 189.3 | 58.91 | 175.7 | 56.09 |
|        | -8.5              | -9.1     | 227.2                     | 69.32 | 214.2 | 62.93 | 201.7 | 60.82 | 195.6 | 59.56 | 189.3 | 57.78 | 175.7 | 54.98 |
|        | -7                | -7.6     | 227.8                     | 64.46 | 214.2 | 60.97 | 201.7 | 59.10 | 195.6 | 57.84 | 189.3 | 56.09 | 175.7 | 53.35 |
|        | -5                | -5.6     | 227.8                     | 61.26 | 214.2 | 58.68 | 201.7 | 56.90 | 195.6 | 55.59 | 189.3 | 53.93 | 175.7 | 51.26 |
|        | -3                | -3.7     | 227.8                     | 58.78 | 214.2 | 56.38 | 201.7 | 54.70 | 195.6 | 53.35 | 189.3 | 51.75 | 175.7 | 49.12 |
|        | 0                 | -0.7     | 227.8                     | 55.03 | 214.2 | 52.91 | 201.7 | 51.40 | 195.6 | 50.01 | 189.3 | 48.53 | 175.7 | 45.97 |
|        | 3                 | 2.2      | 227.8                     | 51.29 | 214.2 | 49.48 | 201.7 | 48.09 | 195.6 | 46.66 | 189.3 | 45.26 | 175.7 | 42.82 |
|        | 5                 | 4.1      | 215.6                     | 44.77 | 202.0 | 43.13 | 189.4 | 41.76 | 183.1 | 40.35 | 176.8 | 39.03 | 163.0 | 36.67 |
|        | 7                 | 6        | 203.0                     | 38.70 | 189.3 | 37.25 | 176.5 | 35.93 | 170.4 | 34.54 | 163.7 | 33.35 | 150.1 | 31.09 |
|        | 9                 | 7.9      | 190.1                     | 33.30 | 176.4 | 31.89 | 163.4 | 30.62 | 157.1 | 29.33 | 150.5 | 28.22 | 136.5 | 26.15 |
|        | 11                | 9.8      | 176.8                     | 28.31 | 162.8 | 27.01 | 149.8 | 25.77 | 143.5 | 24.64 | 136.8 | 23.62 | 122.6 | 21.72 |
|        | 13                | 11.8     | 163.0                     | 23.81 | 149.0 | 22.59 | 135.8 | 21.44 | 129.1 | 20.42 | 122.5 | 19.52 | 108.1 | 17.78 |
|        | 15                | 13.7     | 148.6                     | 19.75 | 134.5 | 18.63 | 121.2 | 17.57 | 114.4 | 16.67 | 107.7 | 15.86 | 93.40 | 14.36 |
| 80     | -30               | -30.2    | 86.50                     | 63.34 | 86.50 | 64.33 | 86.10 | 65.06 | 86.10 | 64.21 | 86.10 | 73.86 | 84.60 | 70.64 |
|        | -24.8             | -25      | 144.4                     | 64.83 | 144.4 | 65.82 | 143.4 | 66.51 | 143.4 | 66.81 | 143.4 | 68.45 | 141.0 | 65.47 |
|        | -21.8             | -22      | 172.6                     | 65.69 | 172.6 | 66.66 | 172.6 | 67.35 | 172.4 | 68.24 | 168.7 | 63.91 | 157.1 | 59.18 |
|        | -19.8             | -20      | 181.0                     | 66.26 | 181.0 | 67.22 | 180.2 | 67.92 | 175.0 | 63.90 | 168.7 | 59.97 | 157.1 | 57.28 |
|        | -18.8             | -19      | 185.2                     | 66.55 | 185.2 | 68.17 | 180.5 | 65.44 | 175.0 | 61.79 | 168.7 | 58.95 | 157.1 | 56.38 |
|        | -16.7             | -17      | 190.7                     | 68.10 | 190.7 | 65.86 | 180.5 | 61.34 | 175.0 | 59.42 | 168.7 | 56.89 | 157.1 | 54.42 |
|        | -15               | -15.9    | 194.9                     | 66.37 | 192.2 | 63.92 | 180.5 | 59.76 | 175.0 | 57.86 | 168.7 | 55.44 | 157.1 | 53.00 |
|        | -13.7             | -15      | 199.2                     | 64.67 | 192.2 | 61.50 | 180.5 | 58.20 | 175.0 | 56.31 | 168.7 | 53.99 | 157.1 | 51.61 |
|        | -11.8             | -13      | 204.0                     | 62.24 | 192.2 | 58.49 | 180.5 | 56.21 | 175.0 | 54.39 | 168.7 | 52.15 | 157.1 | 49.86 |
|        | -9.8              | -11      | 204.0                     | 58.42 | 192.2 | 55.67 | 180.5 | 54.16 | 175.0 | 52.34 | 168.7 | 50.22 | 157.1 | 48.01 |
|        | -9.5              | -10      | 204.0                     | 57.72 | 192.2 | 55.06 | 180.5 | 53.84 | 175.0 | 52.05 | 168.7 | 49.93 | 157.1 | 47.73 |
|        | -8.5              | -9.1     | 204.0                     | 56.14 | 192.2 | 53.87 | 180.5 | 52.81 | 175.0 | 51.02 | 168.7 | 48.96 | 157.1 | 46.82 |
|        | -7                | -7.6     | 204.0                     | 54.03 | 192.2 | 52.31 | 180.5 | 51.25 | 175.0 | 49.47 | 168.7 | 47.54 | 157.1 | 45.42 |
|        | -5                | -5.6     | 204.0                     | 51.94 | 192.2 | 50.34 | 180.5 | 49.26 | 175.0 | 47.52 | 168.7 | 45.65 | 157.1 | 43.66 |
|        | -3                | -3.7     | 204.0                     | 49.87 | 192.2 | 48.33 | 180.5 | 47.26 | 175.0 | 45.54 | 168.7 | 43.80 | 157.1 | 41.85 |
|        | 0                 | -0.7     | 204.0                     | 46.76 | 192.2 | 45.35 | 180.5 | 44.25 | 175.0 | 42.59 | 168.7 | 41.01 | 157.1 | 39.19 |
|        | 3                 | 2.2      | 204.0                     | 43.66 | 192.2 | 42.35 | 180.5 | 41.24 | 175.0 | 39.62 | 168.7 | 38.24 | 157.1 | 36.54 |
|        | 5                 | 4.1      | 193.1                     | 38.20 | 181.3 | 36.95 | 169.4 | 35.80 | 163.8 | 34.26 | 157.5 | 33.04 | 145.9 | 31.37 |
|        | 7                 | 6        | 181.9                     | 33.15 | 169.9 | 31.94 | 158.1 | 30.77 | 152.3 | 29.34 | 146.0 | 28.24 | 134.1 | 26.68 |
|        | 9                 | 7.9      | 170.3                     | 28.25 | 158.3 | 27.11 | 146.2 | 25.99 | 140.4 | 24.72 | 134.1 | 23.73 | 122.1 | 22.29 |
|        | 11                | 9.8      | 158.3                     | 23.64 | 146.3 | 22.59 | 134.1 | 21.54 | 128.2 | 20.42 | 121.8 | 19.55 | 109.6 | 18.22 |
|        | 13                | 11.8     | 145.9                     | 19.72 | 133.8 | 18.76 | 121.4 | 17.79 | 115.5 | 16.82 | 109.2 | 16.06 | 96.90 | 14.83 |
|        | 15                | 13.7     | 133.0                     | 16.47 | 120.7 | 15.58 | 108.5 | 14.68 | 102.5 | 13.85 | 95.90 | 13.16 | 83.40 | 12.07 |
| 70     | -30               | -30.2    | 86.50                     | 63.36 | 86.50 | 63.72 | 86.10 | 64.38 | 86.10 | 72.62 | 86.10 | 69.07 | 83.90 | 65.83 |
|        | -24.8             | -25      | 144.4                     | 64.87 | 144.4 | 65.18 | 143.4 | 65.85 | 143.4 | 66.80 | 142.3 | 63.15 | 134.3 | 58.14 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 163.4                     | 65.72 | 163.1 | 65.90 | 153.6 | 63.14 | 148.4 | 60.11 | 143.9 | 57.24 | 134.3 | 54.48 |
|        | -19.8             | -20      | 172.7                     | 65.02 | 163.4 | 63.05 | 153.6 | 60.91 | 148.4 | 57.98 | 143.9 | 55.28 | 134.3 | 52.59 |
|        | -18.8             | -19      | 172.9                     | 63.55 | 163.4 | 61.92 | 153.6 | 59.81 | 148.4 | 56.93 | 143.9 | 54.28 | 134.3 | 51.64 |
|        | -16.7             | -17      | 172.9                     | 60.65 | 163.4 | 59.49 | 153.6 | 57.48 | 148.4 | 54.73 | 143.9 | 52.23 | 134.3 | 49.65 |
|        | -15               | -15.9    | 172.9                     | 58.94 | 163.4 | 57.79 | 153.6 | 55.81 | 148.4 | 53.14 | 143.9 | 50.75 | 134.3 | 48.24 |
|        | -13.7             | -15      | 172.9                     | 57.24 | 163.4 | 56.09 | 153.6 | 54.18 | 148.4 | 51.58 | 143.9 | 49.30 | 134.3 | 46.83 |
|        | -11.8             | -13      | 172.9                     | 55.08 | 163.4 | 53.91 | 153.6 | 52.09 | 148.4 | 49.60 | 143.9 | 47.44 | 134.3 | 45.04 |
|        | -9.8              | -11      | 172.9                     | 52.86 | 163.4 | 51.64 | 153.6 | 49.91 | 148.4 | 47.53 | 143.9 | 45.49 | 134.3 | 43.16 |
|        | -9.5              | -10      | 172.9                     | 52.50 | 163.4 | 51.30 | 153.6 | 49.57 | 148.4 | 47.22 | 143.9 | 45.21 | 134.3 | 42.88 |
|        | -8.5              | -9.1     | 172.9                     | 51.38 | 163.4 | 50.18 | 153.6 | 48.48 | 148.4 | 46.18 | 143.9 | 44.23 | 134.3 | 41.96 |
|        | -7                | -7.6     | 172.9                     | 49.71 | 163.4 | 48.49 | 153.6 | 46.84 | 148.4 | 44.63 | 143.9 | 42.79 | 134.3 | 40.54 |
|        | -5                | -5.6     | 172.9                     | 47.53 | 163.4 | 46.28 | 153.6 | 44.71 | 148.4 | 42.61 | 143.9 | 40.90 | 134.3 | 38.75 |
|        | -3                | -3.7     | 172.9                     | 45.36 | 163.4 | 44.09 | 153.6 | 42.60 | 148.4 | 40.59 | 143.9 | 39.01 | 134.3 | 36.93 |
|        | 0                 | -0.7     | 172.9                     | 42.09 | 163.4 | 40.79 | 153.6 | 39.42 | 148.4 | 37.59 | 143.9 | 36.18 | 134.3 | 34.21 |
|        | 3                 | 2.2      | 172.9                     | 38.82 | 163.4 | 37.49 | 153.6 | 36.22 | 148.4 | 34.55 | 143.9 | 33.38 | 134.3 | 31.47 |
|        | 5                 | 4.1      | 163.7                     | 33.73 | 154.0 | 32.37 | 144.2 | 31.19 | 139.0 | 29.71 | 134.4 | 28.66 | 124.5 | 26.86 |
|        | 7                 | 6        | 154.1                     | 29.05 | 144.5 | 27.70 | 134.4 | 26.57 | 129.2 | 25.25 | 124.6 | 24.39 | 114.7 | 22.69 |
|        | 9                 | 7.9      | 144.2                     | 23.89 | 134.5 | 22.69 | 124.5 | 21.64 | 119.1 | 20.54 | 114.4 | 19.78 | 104.3 | 18.30 |
|        | 11                | 9.8      | 134.1                     | 20.10 | 124.2 | 19.01 | 114.0 | 18.08 | 108.8 | 17.10 | 103.9 | 16.42 | 93.80 | 15.09 |
|        | 13                | 11.8     | 123.6                     | 16.90 | 113.7 | 15.91 | 103.3 | 15.05 | 98.00 | 14.20 | 93.10 | 13.61 | 82.90 | 12.41 |
|        | 15                | 13.7     | 112.7                     | 14.20 | 102.6 | 13.30 | 92.30 | 12.53 | 86.90 | 11.77 | 81.80 | 11.25 | 71.30 | 10.21 |
| 60     | -30               | -30.2    | 84.10                     | 62.68 | 84.10 | 63.33 | 83.50 | 72.08 | 80.70 | 68.20 | 77.90 | 64.59 | 72.90 | 61.40 |
|        | -24.8             | -25      | 139.9                     | 64.18 | 139.8 | 64.77 | 131.7 | 62.34 | 127.3 | 59.06 | 122.9 | 55.99 | 115.1 | 53.13 |
|        | -21.8             | -22      | 148.4                     | 64.36 | 140.4 | 62.21 | 131.7 | 58.95 | 127.3 | 55.89 | 122.9 | 53.04 | 115.1 | 50.25 |
|        | -19.8             | -20      | 148.4                     | 62.13 | 140.4 | 59.83 | 131.7 | 56.70 | 127.3 | 53.77 | 122.9 | 51.03 | 115.1 | 48.35 |
|        | -18.8             | -19      | 148.4                     | 60.92 | 140.4 | 58.63 | 131.7 | 55.59 | 127.3 | 52.74 | 122.9 | 50.05 | 115.1 | 47.38 |
|        | -16.7             | -17      | 148.4                     | 58.39 | 140.4 | 56.13 | 131.7 | 53.21 | 127.3 | 50.53 | 122.9 | 47.99 | 115.1 | 45.40 |
|        | -15               | -15.9    | 148.4                     | 56.60 | 140.4 | 54.35 | 131.7 | 51.54 | 127.3 | 48.97 | 122.9 | 46.50 | 115.1 | 43.97 |
|        | -13.7             | -15      | 148.4                     | 54.81 | 140.4 | 52.59 | 131.7 | 49.87 | 127.3 | 47.40 | 122.9 | 45.04 | 115.1 | 42.55 |
|        | -11.8             | -13      | 148.4                     | 52.54 | 140.4 | 50.34 | 131.7 | 47.74 | 127.3 | 45.41 | 122.9 | 43.18 | 115.1 | 40.77 |
|        | -9.8              | -11      | 148.4                     | 50.14 | 140.4 | 47.97 | 131.7 | 45.54 | 127.3 | 43.33 | 122.9 | 41.22 | 115.1 | 38.88 |
|        | -9.5              | -10      | 148.4                     | 49.78 | 140.4 | 47.63 | 131.7 | 45.22 | 127.3 | 43.01 | 122.9 | 40.92 | 115.1 | 38.59 |
|        | -8.5              | -9.1     | 148.4                     | 48.60 | 140.4 | 46.47 | 131.7 | 44.11 | 127.3 | 42.00 | 122.9 | 39.96 | 115.1 | 37.66 |
|        | -7                | -7.6     | 148.4                     | 46.84 | 140.4 | 44.72 | 131.7 | 42.44 | 127.3 | 40.44 | 122.9 | 38.49 | 115.1 | 36.25 |
|        | -5                | -5.6     | 148.4                     | 44.51 | 140.4 | 42.42 | 131.7 | 40.31 | 127.3 | 38.42 | 122.9 | 36.60 | 115.1 | 34.43 |
|        | -3                | -3.7     | 148.4                     | 42.22 | 140.4 | 40.14 | 131.7 | 38.15 | 127.3 | 36.39 | 122.9 | 34.69 | 115.1 | 32.60 |
|        | 0                 | -0.7     | 148.4                     | 38.73 | 140.4 | 36.69 | 131.7 | 34.91 | 127.3 | 33.37 | 122.9 | 31.86 | 115.1 | 29.85 |
|        | 3                 | 2.2      | 148.4                     | 35.28 | 140.4 | 33.28 | 131.7 | 31.67 | 127.3 | 30.34 | 122.9 | 29.01 | 115.1 | 27.11 |
|        | 5                 | 4.1      | 140.4                     | 30.42 | 132.3 | 28.52 | 123.6 | 27.07 | 119.2 | 25.92 | 114.8 | 24.77 | 106.8 | 22.98 |
|        | 7                 | 6        | 132.3                     | 25.96 | 124.2 | 24.16 | 115.3 | 22.87 | 110.9 | 21.89 | 106.4 | 20.90 | 98.30 | 19.26 |
|        | 9                 | 7.9      | 123.9                     | 21.17 | 115.5 | 19.62 | 106.8 | 18.49 | 102.2 | 17.69 | 97.70 | 16.84 | 89.50 | 15.43 |
|        | 11                | 9.8      | 115.1                     | 17.94 | 106.8 | 16.57 | 97.80 | 15.56 | 93.40 | 14.85 | 88.60 | 14.11 | 80.50 | 12.86 |
|        | 13                | 11.8     | 106.1                     | 15.16 | 97.70 | 13.95 | 88.60 | 13.08 | 84.00 | 12.43 | 79.40 | 11.78 | 70.90 | 10.69 |
|        | 15                | 13.7     | 96.90                     | 12.85 | 88.20 | 11.79 | 79.20 | 11.00 | 74.50 | 10.42 | 70.00 | 9.87  | 61.20 | 8.89  |
| 50     | -30               | -30.2    | 78.50                     | 54.69 | 74.00 | 62.63 | 69.40 | 59.27 | 67.40 | 56.11 | 65.00 | 53.06 | 60.70 | 50.41 |
|        | -24.8             | -25      | 123.8                     | 53.20 | 116.8 | 54.11 | 109.8 | 51.22 | 106.3 | 48.53 | 102.6 | 45.98 | 95.60 | 43.59 |
|        | -21.8             | -22      | 123.8                     | 54.01 | 116.8 | 51.14 | 109.8 | 48.42 | 106.3 | 45.88 | 102.6 | 43.52 | 95.60 | 41.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 123.8                     | 51.92 | 116.8 | 49.14 | 109.8 | 46.56 | 106.3 | 44.12 | 102.6 | 41.88 | 95.60 | 39.64 |
|        | -18.8             | -19      | 123.8                     | 50.89 | 116.8 | 48.13 | 109.8 | 45.67 | 106.3 | 43.25 | 102.6 | 41.07 | 95.60 | 38.90 |
|        | -16.7             | -17      | 123.8                     | 48.72 | 116.8 | 46.09 | 109.8 | 43.70 | 106.3 | 41.40 | 102.6 | 39.34 | 95.60 | 37.24 |
|        | -15               | -15.9    | 123.8                     | 47.17 | 116.8 | 44.57 | 109.8 | 42.32 | 106.3 | 40.09 | 102.6 | 38.12 | 95.60 | 36.05 |
|        | -13.7             | -15      | 123.8                     | 45.61 | 116.8 | 43.09 | 109.8 | 40.93 | 106.3 | 38.79 | 102.6 | 36.91 | 95.60 | 34.89 |
|        | -11.8             | -13      | 123.8                     | 43.65 | 116.8 | 41.25 | 109.8 | 39.19 | 106.3 | 37.15 | 102.6 | 35.37 | 95.60 | 33.43 |
|        | -9.8              | -11      | 123.8                     | 41.61 | 116.8 | 39.27 | 109.8 | 37.35 | 106.3 | 35.41 | 102.6 | 33.76 | 95.60 | 31.87 |
|        | -9.5              | -10      | 123.8                     | 41.30 | 116.8 | 38.99 | 109.8 | 37.07 | 106.3 | 35.16 | 102.6 | 33.53 | 95.60 | 31.64 |
|        | -8.5              | -9.1     | 123.8                     | 40.28 | 116.8 | 38.00 | 109.8 | 36.18 | 106.3 | 34.31 | 102.6 | 32.73 | 95.60 | 30.87 |
|        | -7                | -7.6     | 123.8                     | 38.72 | 116.8 | 36.55 | 109.8 | 34.81 | 106.3 | 32.99 | 102.6 | 31.51 | 95.60 | 29.71 |
|        | -5                | -5.6     | 123.8                     | 36.73 | 116.8 | 34.65 | 109.8 | 33.03 | 106.3 | 31.33 | 102.6 | 29.96 | 95.60 | 28.21 |
|        | -3                | -3.7     | 123.8                     | 34.76 | 116.8 | 32.74 | 109.8 | 31.23 | 106.3 | 29.63 | 102.6 | 28.38 | 95.60 | 26.69 |
|        | 0                 | -0.7     | 123.8                     | 31.76 | 116.8 | 29.85 | 109.8 | 28.57 | 106.3 | 27.12 | 102.6 | 26.04 | 95.60 | 24.45 |
|        | 3                 | 2.2      | 123.8                     | 28.75 | 116.8 | 27.01 | 109.8 | 25.90 | 106.3 | 24.58 | 102.6 | 23.69 | 95.60 | 22.19 |
|        | 5                 | 4.1      | 117.2                     | 24.77 | 110.2 | 23.16 | 103.1 | 22.20 | 99.60 | 21.02 | 95.90 | 20.29 | 88.60 | 18.89 |
|        | 7                 | 6        | 110.5                     | 21.12 | 103.2 | 19.65 | 96.20 | 18.83 | 92.60 | 17.81 | 88.80 | 17.19 | 81.60 | 15.91 |
|        | 9                 | 7.9      | 103.2                     | 17.52 | 96.20 | 16.24 | 88.80 | 15.51 | 85.30 | 14.65 | 81.60 | 14.11 | 74.20 | 12.99 |
|        | 11                | 9.8      | 96.20                     | 14.96 | 88.80 | 13.82 | 81.50 | 13.17 | 77.90 | 12.40 | 74.20 | 11.92 | 66.80 | 10.92 |
|        | 13                | 11.8     | 88.50                     | 12.75 | 81.20 | 11.76 | 73.90 | 11.16 | 70.20 | 10.50 | 66.50 | 10.07 | 58.90 | 9.19  |
|        | 15                | 13.7     | 80.70                     | 10.92 | 73.40 | 10.05 | 66.00 | 9.49  | 62.30 | 8.91  | 58.40 | 8.54  | 50.80 | 7.75  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM720LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 90.30                     | 76.55 | 90.30 | 76.98 | 89.60 | 77.39 | 89.60 | 77.96 | 89.60 | 78.58 | 88.10 | 79.41 |
|        | -24.8             | -25      | 150.3                     | 77.83 | 150.3 | 78.26 | 149.3 | 78.64 | 149.3 | 79.24 | 149.3 | 79.80 | 147.1 | 80.64 |
|        | -21.8             | -22      | 182.1                     | 78.56 | 182.1 | 78.99 | 181.0 | 79.40 | 181.0 | 79.96 | 181.0 | 80.50 | 177.9 | 81.38 |
|        | -19.8             | -20      | 191.8                     | 79.05 | 191.8 | 79.49 | 190.4 | 79.86 | 190.4 | 80.43 | 190.4 | 80.98 | 187.3 | 81.85 |
|        | -18.8             | -19      | 195.9                     | 79.26 | 195.9 | 79.72 | 194.7 | 80.09 | 194.7 | 80.66 | 194.7 | 81.21 | 191.3 | 82.08 |
|        | -16.7             | -17      | 204.7                     | 79.79 | 204.7 | 80.22 | 203.5 | 80.60 | 203.5 | 81.16 | 203.5 | 81.68 | 200.0 | 82.58 |
|        | -15               | -15.9    | 210.9                     | 80.12 | 210.9 | 80.55 | 209.8 | 80.93 | 209.8 | 81.49 | 209.8 | 82.04 | 206.3 | 80.91 |
|        | -13.7             | -15      | 217.4                     | 80.51 | 217.4 | 80.91 | 216.3 | 81.29 | 216.3 | 81.85 | 216.3 | 82.43 | 212.5 | 79.27 |
|        | -11.8             | -13      | 224.6                     | 80.93 | 224.6 | 81.36 | 222.9 | 81.76 | 222.9 | 82.33 | 222.9 | 80.19 | 220.2 | 77.17 |
|        | -9.8              | -11      | 231.9                     | 81.41 | 231.9 | 81.85 | 230.6 | 82.22 | 230.6 | 79.98 | 230.6 | 77.88 | 227.9 | 75.00 |
|        | -9.5              | -10      | 233.3                     | 81.49 | 233.3 | 81.89 | 231.9 | 81.84 | 231.9 | 79.62 | 231.7 | 77.54 | 229.0 | 74.68 |
|        | -8.5              | -9.1     | 238.1                     | 81.72 | 238.1 | 82.15 | 236.4 | 80.63 | 236.4 | 78.44 | 235.1 | 76.38 | 233.3 | 73.58 |
|        | -7                | -7.6     | 245.3                     | 82.07 | 245.3 | 80.38 | 243.5 | 78.85 | 243.5 | 76.66 | 243.5 | 74.65 | 240.0 | 71.94 |
|        | -5                | -5.6     | 254.4                     | 79.88 | 254.4 | 78.14 | 252.9 | 76.57 | 252.9 | 74.44 | 252.9 | 72.43 | 248.0 | 69.87 |
|        | -3                | -3.7     | 263.9                     | 77.68 | 263.9 | 75.86 | 262.3 | 74.24 | 262.3 | 72.16 | 262.3 | 70.20 | 255.1 | 67.52 |
|        | 0                 | -0.7     | 277.7                     | 74.43 | 277.7 | 72.53 | 276.3 | 70.77 | 276.1 | 68.74 | 274.4 | 66.43 | 256.0 | 61.71 |
|        | 3                 | 2.2      | 290.1                     | 70.71 | 290.1 | 68.71 | 288.4 | 66.96 | 285.1 | 64.31 | 275.0 | 60.60 | 256.0 | 58.26 |
|        | 5                 | 4.1      | 277.6                     | 61.48 | 276.5 | 59.34 | 274.3 | 57.67 | 267.1 | 54.74 | 256.7 | 52.41 | 237.6 | 50.47 |
|        | 7                 | 6        | 261.4                     | 52.76 | 259.2 | 50.65 | 255.9 | 48.82 | 248.4 | 46.82 | 237.9 | 45.17 | 218.6 | 43.25 |
|        | 9                 | 7.9      | 244.5                     | 46.03 | 241.3 | 43.96 | 236.9 | 42.04 | 228.9 | 40.45 | 218.5 | 38.90 | 199.1 | 36.97 |
| 120    | 11                | 9.8      | 227.5                     | 40.34 | 222.9 | 38.29 | 217.1 | 36.41 | 208.8 | 34.90 | 198.7 | 33.41 | 178.6 | 31.46 |
|        | 13                | 11.8     | 209.6                     | 34.86 | 203.8 | 32.93 | 196.6 | 31.03 | 188.3 | 29.65 | 177.8 | 28.25 | 157.7 | 26.31 |
|        | 15                | 13.7     | 191.2                     | 29.74 | 184.0 | 27.85 | 175.6 | 26.02 | 167.0 | 24.76 | 156.2 | 23.47 | 136.1 | 21.57 |
|        | -30               | -30.2    | 89.60                     | 76.98 | 89.60 | 77.39 | 88.90 | 77.96 | 88.90 | 78.58 | 88.90 | 79.41 | 87.40 | 80.09 |
|        | -24.8             | -25      | 149.3                     | 78.26 | 149.3 | 78.64 | 148.2 | 79.24 | 148.2 | 79.80 | 148.2 | 80.64 | 145.7 | 81.29 |
|        | -21.8             | -22      | 181.0                     | 78.99 | 181.0 | 79.40 | 179.6 | 79.96 | 179.6 | 80.50 | 179.6 | 81.38 | 176.8 | 81.97 |
|        | -19.8             | -20      | 190.4                     | 79.49 | 190.4 | 79.86 | 189.3 | 80.43 | 189.3 | 80.98 | 189.3 | 81.85 | 185.9 | 82.43 |
|        | -18.8             | -19      | 194.7                     | 79.72 | 194.7 | 80.09 | 193.3 | 80.66 | 193.3 | 81.21 | 193.3 | 82.08 | 190.2 | 82.69 |
|        | -16.7             | -17      | 203.5                     | 80.22 | 203.5 | 80.60 | 202.1 | 81.16 | 202.1 | 81.68 | 202.1 | 82.58 | 198.6 | 80.53 |
|        | -15               | -15.9    | 209.7                     | 80.55 | 209.7 | 80.93 | 208.3 | 81.49 | 208.3 | 82.04 | 208.3 | 80.98 | 204.8 | 79.01 |
|        | -13.7             | -15      | 215.6                     | 80.91 | 215.6 | 81.29 | 214.5 | 81.85 | 214.5 | 82.43 | 214.5 | 79.38 | 211.1 | 77.51 |
|        | -11.8             | -13      | 222.8                     | 81.36 | 222.8 | 81.76 | 221.3 | 82.33 | 221.3 | 80.18 | 221.3 | 77.41 | 218.6 | 75.57 |
|        | -9.8              | -11      | 230.0                     | 81.85 | 230.0 | 82.22 | 228.6 | 79.87 | 228.6 | 77.84 | 228.6 | 75.31 | 226.5 | 73.58 |
|        | -9.5              | -10      | 231.9                     | 81.89 | 231.9 | 81.83 | 230.1 | 79.52 | 230.1 | 77.50 | 230.1 | 74.98 | 227.7 | 73.27 |
|        | -8.5              | -9.1     | 236.1                     | 82.15 | 236.1 | 80.52 | 234.9 | 78.28 | 234.9 | 76.34 | 234.9 | 73.94 | 232.2 | 72.25 |
|        | -7                | -7.6     | 243.2                     | 80.24 | 243.2 | 78.59 | 241.8 | 76.48 | 241.8 | 74.58 | 241.6 | 72.37 | 237.5 | 70.62 |
|        | -5                | -5.6     | 252.9                     | 77.75 | 252.9 | 76.11 | 250.8 | 74.10 | 250.8 | 72.32 | 250.8 | 70.37 | 240.5 | 67.15 |
|        | -3                | -3.7     | 262.0                     | 75.29 | 262.0 | 73.66 | 260.5 | 71.77 | 260.5 | 70.08 | 258.8 | 67.98 | 240.5 | 63.36 |
|        | 0                 | -0.7     | 275.9                     | 71.61 | 275.9 | 69.94 | 272.9 | 67.97 | 267.1 | 65.03 | 258.8 | 61.96 | 240.5 | 60.65 |
|        | 3                 | 2.2      | 288.2                     | 67.45 | 287.7 | 65.68 | 276.5 | 62.34 | 267.1 | 60.04 | 258.8 | 59.07 | 240.5 | 57.92 |
|        | 5                 | 4.1      | 275.4                     | 58.42 | 271.2 | 56.14 | 259.6 | 53.68 | 250.2 | 52.49 | 241.5 | 51.69 | 223.2 | 50.40 |
|        | 7                 | 6        | 259.2                     | 49.82 | 254.2 | 47.89 | 242.0 | 46.50 | 232.5 | 45.40 | 223.9 | 44.72 | 205.2 | 43.37 |
|        | 9                 | 7.9      | 242.7                     | 43.47 | 236.9 | 41.74 | 224.0 | 40.32 | 214.5 | 39.22 | 205.9 | 38.48 | 186.9 | 37.05 |
|        | 11                | 9.8      | 225.7                     | 38.06 | 218.9 | 36.32 | 205.2 | 34.84 | 195.8 | 33.78 | 186.8 | 33.04 | 167.8 | 31.55 |
|        | 13                | 11.8     | 208.1                     | 32.88 | 200.2 | 31.22 | 186.1 | 29.74 | 176.4 | 28.69 | 167.4 | 27.95 | 148.3 | 26.39 |
|        | 15                | 13.7     | 189.7                     | 28.01 | 180.8 | 26.40 | 166.0 | 24.96 | 156.2 | 23.98 | 147.2 | 23.21 | 127.8 | 21.66 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 89.20                     | 77.39 | 89.20 | 77.96 | 88.60 | 78.58 | 88.60 | 79.41 | 88.60 | 80.09 | 87.00 | 80.28 |
|        | -24.8             | -25      | 148.5                     | 78.64 | 148.5 | 79.24 | 147.5 | 79.80 | 147.5 | 80.64 | 147.5 | 81.29 | 145.0 | 81.55 |
|        | -21.8             | -22      | 179.7                     | 79.40 | 179.7 | 79.96 | 178.6 | 80.50 | 178.6 | 81.38 | 178.6 | 81.97 | 175.8 | 82.28 |
|        | -19.8             | -20      | 189.3                     | 79.86 | 189.3 | 80.43 | 188.3 | 80.98 | 188.3 | 81.85 | 188.3 | 82.43 | 184.8 | 82.73 |
|        | -18.8             | -19      | 193.3                     | 80.09 | 193.3 | 80.66 | 192.2 | 81.21 | 192.2 | 82.08 | 192.2 | 82.69 | 189.1 | 81.60 |
|        | -16.7             | -17      | 202.4                     | 80.60 | 202.4 | 81.16 | 200.7 | 81.68 | 200.7 | 82.58 | 200.7 | 80.38 | 197.5 | 79.25 |
|        | -15               | -15.9    | 208.4                     | 80.93 | 208.4 | 81.49 | 206.9 | 82.04 | 206.9 | 80.84 | 206.9 | 78.74 | 205.3 | 77.55 |
|        | -13.7             | -15      | 214.6                     | 81.29 | 214.6 | 81.85 | 213.1 | 82.43 | 213.1 | 79.10 | 213.1 | 77.11 | 213.1 | 75.89 |
|        | -11.8             | -13      | 221.4                     | 81.76 | 221.4 | 82.33 | 220.2 | 79.97 | 220.2 | 76.92 | 220.2 | 75.03 | 216.4 | 72.49 |
|        | -9.8              | -11      | 228.9                     | 82.22 | 228.9 | 79.59 | 227.5 | 77.42 | 227.5 | 74.61 | 227.5 | 72.86 | 216.4 | 68.44 |
|        | -9.5              | -10      | 230.1                     | 81.76 | 230.1 | 79.16 | 229.0 | 77.03 | 229.0 | 74.29 | 229.0 | 72.53 | 216.4 | 67.55 |
|        | -8.5              | -9.1     | 235.0                     | 80.31 | 235.0 | 77.79 | 233.5 | 75.78 | 233.5 | 73.12 | 231.8 | 70.94 | 216.4 | 66.40 |
|        | -7                | -7.6     | 242.1                     | 78.09 | 242.1 | 75.73 | 240.7 | 73.84 | 239.8 | 71.14 | 231.8 | 67.27 | 216.4 | 64.85 |
|        | -5                | -5.6     | 251.2                     | 75.25 | 251.2 | 73.12 | 248.0 | 70.93 | 239.8 | 66.46 | 231.8 | 64.16 | 216.4 | 62.81 |
|        | -3                | -3.7     | 260.5                     | 72.42 | 260.0 | 70.35 | 248.0 | 66.10 | 239.8 | 63.45 | 231.8 | 62.19 | 216.4 | 60.82 |
|        | 0                 | -0.7     | 273.4                     | 67.96 | 264.2 | 64.20 | 248.0 | 61.82 | 239.8 | 60.30 | 231.8 | 59.24 | 216.4 | 57.77 |
|        | 3                 | 2.2      | 279.7                     | 62.12 | 264.2 | 59.28 | 248.0 | 58.33 | 239.8 | 57.22 | 231.8 | 56.31 | 216.4 | 54.77 |
|        | 5                 | 4.1      | 264.9                     | 52.99 | 249.1 | 51.87 | 232.9 | 50.95 | 224.7 | 49.98 | 216.3 | 49.15 | 200.9 | 47.44 |
|        | 7                 | 6        | 249.4                     | 45.97 | 233.6 | 44.93 | 217.1 | 44.04 | 208.8 | 43.26 | 200.5 | 42.47 | 184.7 | 40.66 |
|        | 9                 | 7.9      | 233.6                     | 40.15 | 217.4 | 39.04 | 200.9 | 38.06 | 192.6 | 37.28 | 184.3 | 36.49 | 168.2 | 34.65 |
|        | 11                | 9.8      | 217.1                     | 35.02 | 200.9 | 33.89 | 184.3 | 32.83 | 175.7 | 32.02 | 167.4 | 31.24 | 151.2 | 29.43 |
|        | 13                | 11.8     | 200.1                     | 30.17 | 183.9 | 29.02 | 167.0 | 27.92 | 158.4 | 27.14 | 150.1 | 26.36 | 133.2 | 24.61 |
|        | 15                | 13.7     | 182.5                     | 25.60 | 165.9 | 24.48 | 149.0 | 23.35 | 140.4 | 22.65 | 131.7 | 21.85 | 114.9 | 20.16 |
| 100    | -30               | -30.2    | 88.60                     | 87.90 | 88.60 | 87.50 | 88.20 | 75.70 | 88.20 | 86.31 | 88.20 | 84.01 | 86.60 | 85.61 |
|        | -24.8             | -25      | 147.8                     | 86.44 | 147.8 | 86.01 | 147.1 | 79.80 | 147.1 | 84.85 | 147.1 | 84.40 | 144.3 | 84.15 |
|        | -21.8             | -22      | 178.9                     | 85.62 | 178.9 | 85.13 | 177.9 | 82.15 | 177.9 | 84.03 | 177.9 | 84.61 | 175.0 | 83.33 |
|        | -19.8             | -20      | 188.6                     | 85.02 | 188.6 | 84.56 | 187.2 | 83.61 | 187.2 | 83.43 | 187.2 | 83.33 | 184.1 | 82.73 |
|        | -18.8             | -19      | 192.6                     | 84.72 | 191.5 | 84.31 | 191.5 | 83.85 | 191.5 | 83.14 | 191.5 | 82.69 | 188.4 | 81.38 |
|        | -16.7             | -17      | 200.0                     | 84.17 | 200.0 | 83.69 | 200.0 | 84.33 | 198.9 | 82.58 | 198.9 | 79.88 | 195.7 | 78.54 |
|        | -15               | -15.9    | 206.9                     | 83.71 | 206.9 | 83.26 | 206.2 | 83.36 | 205.8 | 80.55 | 205.8 | 77.86 | 197.7 | 74.80 |
|        | -13.7             | -15      | 213.5                     | 83.29 | 213.5 | 82.86 | 212.3 | 82.43 | 212.3 | 78.52 | 212.3 | 75.87 | 197.7 | 70.52 |
|        | -11.8             | -13      | 220.3                     | 82.78 | 219.2 | 82.33 | 219.2 | 79.71 | 219.2 | 75.96 | 212.4 | 71.07 | 197.7 | 68.06 |
|        | -9.8              | -11      | 227.8                     | 82.22 | 227.8 | 79.29 | 226.8 | 76.88 | 219.6 | 70.93 | 212.4 | 66.95 | 197.7 | 65.51 |
|        | -9.5              | -10      | 229.0                     | 81.73 | 229.0 | 78.81 | 226.8 | 76.02 | 219.6 | 70.18 | 212.4 | 66.57 | 197.7 | 65.14 |
|        | -8.5              | -9.1     | 233.9                     | 80.16 | 233.9 | 77.33 | 226.8 | 73.10 | 219.6 | 67.69 | 212.4 | 65.30 | 197.7 | 63.84 |
|        | -7                | -7.6     | 244.6                     | 77.77 | 241.2 | 74.28 | 226.8 | 68.98 | 219.6 | 65.78 | 212.4 | 63.43 | 197.7 | 61.94 |
|        | -5                | -5.6     | 255.0                     | 74.59 | 241.2 | 68.82 | 226.8 | 66.40 | 219.6 | 63.34 | 212.4 | 61.02 | 197.7 | 59.50 |
|        | -3                | -3.7     | 255.9                     | 69.81 | 241.2 | 65.55 | 226.8 | 63.83 | 219.6 | 60.88 | 212.4 | 58.60 | 197.7 | 57.03 |
|        | 0                 | -0.7     | 255.9                     | 63.52 | 241.2 | 61.38 | 226.8 | 59.90 | 219.6 | 57.21 | 212.4 | 54.96 | 197.7 | 53.34 |
|        | 3                 | 2.2      | 255.9                     | 59.15 | 241.2 | 57.25 | 226.8 | 56.01 | 219.6 | 53.52 | 212.4 | 51.36 | 197.7 | 49.64 |
|        | 5                 | 4.1      | 242.2                     | 51.64 | 227.5 | 49.80 | 212.8 | 48.61 | 205.6 | 46.37 | 198.4 | 44.34 | 183.3 | 42.48 |
|        | 7                 | 6        | 228.2                     | 44.62 | 213.1 | 42.90 | 198.7 | 41.76 | 191.2 | 39.77 | 183.9 | 37.88 | 168.9 | 35.97 |
|        | 9                 | 7.9      | 213.5                     | 38.80 | 198.7 | 37.16 | 183.6 | 35.99 | 176.4 | 34.15 | 168.8 | 32.41 | 153.7 | 30.57 |
|        | 11                | 9.8      | 198.7                     | 33.75 | 183.6 | 32.10 | 168.5 | 30.93 | 160.9 | 29.23 | 153.4 | 27.65 | 137.9 | 25.88 |
|        | 13                | 11.8     | 182.9                     | 28.95 | 167.8 | 27.40 | 152.6 | 26.21 | 145.1 | 24.70 | 137.5 | 23.27 | 121.7 | 21.57 |
|        | 15                | 13.7     | 167.0                     | 24.46 | 151.6 | 23.03 | 136.1 | 21.85 | 128.5 | 20.55 | 120.9 | 19.23 | 105.1 | 17.68 |
| 90     | -30               | -30.2    | 88.50                     | 76.09 | 88.50 | 76.90 | 87.80 | 77.52 | 87.80 | 77.79 | 87.80 | 78.45 | 86.30 | 86.89 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 147.4                     | 77.31 | 147.4 | 78.18 | 146.4 | 78.80 | 146.4 | 79.07 | 146.4 | 79.67 | 143.9 | 80.54 |
|        | -21.8             | -22      | 178.2                     | 78.01 | 178.2 | 78.91 | 177.2 | 79.53 | 177.2 | 79.79 | 177.2 | 80.40 | 174.3 | 76.88 |
|        | -19.8             | -20      | 187.9                     | 78.54 | 187.9 | 79.37 | 186.5 | 80.01 | 186.5 | 80.29 | 186.5 | 77.91 | 180.7 | 73.31 |
|        | -18.8             | -19      | 192.6                     | 78.77 | 191.5 | 79.64 | 190.8 | 80.22 | 190.8 | 78.99 | 190.8 | 76.65 | 180.7 | 70.60 |
|        | -16.7             | -17      | 200.0                     | 79.27 | 200.0 | 80.11 | 199.2 | 77.57 | 199.2 | 76.31 | 194.7 | 72.38 | 180.7 | 66.99 |
|        | -15               | -15.9    | 206.9                     | 79.60 | 206.9 | 78.16 | 205.4 | 75.70 | 201.2 | 72.89 | 194.7 | 69.46 | 180.7 | 65.29 |
|        | -13.7             | -15      | 213.5                     | 79.96 | 213.5 | 76.18 | 207.4 | 72.34 | 201.2 | 68.96 | 194.7 | 66.63 | 180.7 | 63.59 |
|        | -11.8             | -13      | 220.3                     | 77.30 | 219.2 | 73.72 | 207.4 | 67.81 | 201.2 | 66.40 | 194.7 | 64.41 | 180.7 | 61.41 |
|        | -9.8              | -11      | 227.8                     | 74.49 | 220.3 | 68.78 | 207.4 | 65.30 | 201.2 | 63.99 | 194.7 | 62.12 | 180.7 | 59.16 |
|        | -9.5              | -10      | 229.0                     | 74.04 | 220.3 | 68.00 | 207.4 | 64.93 | 201.2 | 63.62 | 194.7 | 61.78 | 180.7 | 58.83 |
|        | -8.5              | -9.1     | 233.7                     | 72.59 | 220.3 | 65.95 | 207.4 | 63.77 | 201.2 | 62.46 | 194.7 | 60.60 | 180.7 | 57.68 |
|        | -7                | -7.6     | 234.3                     | 67.54 | 220.3 | 63.94 | 207.4 | 61.99 | 201.2 | 60.68 | 194.7 | 58.85 | 180.7 | 55.99 |
|        | -5                | -5.6     | 234.3                     | 64.25 | 220.3 | 61.58 | 207.4 | 59.72 | 201.2 | 58.35 | 194.7 | 56.63 | 180.7 | 53.84 |
|        | -3                | -3.7     | 234.3                     | 61.70 | 220.3 | 59.20 | 207.4 | 57.45 | 201.2 | 56.04 | 194.7 | 54.37 | 180.7 | 51.62 |
|        | 0                 | -0.7     | 234.3                     | 57.85 | 220.3 | 55.62 | 207.4 | 54.06 | 201.2 | 52.59 | 194.7 | 51.04 | 180.7 | 48.37 |
|        | 3                 | 2.2      | 234.3                     | 53.99 | 220.3 | 52.11 | 207.4 | 50.64 | 201.2 | 49.14 | 194.7 | 47.66 | 180.7 | 45.09 |
|        | 5                 | 4.1      | 221.7                     | 47.26 | 207.7 | 45.54 | 194.8 | 44.10 | 188.3 | 42.61 | 181.8 | 41.22 | 167.7 | 38.72 |
|        | 7                 | 6        | 208.8                     | 40.98 | 194.7 | 39.45 | 181.5 | 38.04 | 175.3 | 36.57 | 168.4 | 35.32 | 154.4 | 32.93 |
|        | 9                 | 7.9      | 195.5                     | 35.35 | 181.4 | 33.85 | 168.1 | 32.50 | 161.6 | 31.12 | 154.8 | 29.95 | 140.4 | 27.75 |
|        | 11                | 9.8      | 181.8                     | 30.12 | 167.4 | 28.74 | 154.1 | 27.42 | 147.6 | 26.22 | 140.7 | 25.12 | 126.0 | 23.10 |
|        | 13                | 11.8     | 167.7                     | 25.40 | 153.3 | 24.10 | 139.7 | 22.86 | 132.8 | 21.77 | 126.0 | 20.81 | 111.2 | 18.94 |
|        | 15                | 13.7     | 152.9                     | 21.10 | 138.3 | 19.90 | 124.6 | 18.75 | 117.7 | 17.79 | 110.8 | 16.91 | 96.10 | 15.29 |
| 80     | -30               | -30.2    | 87.80                     | 66.99 | 87.80 | 67.89 | 87.50 | 68.57 | 87.50 | 67.77 | 87.50 | 77.17 | 85.90 | 73.85 |
|        | -24.8             | -25      | 146.7                     | 68.31 | 146.7 | 69.21 | 145.7 | 69.83 | 145.7 | 70.09 | 145.7 | 71.57 | 143.2 | 68.49 |
|        | -21.8             | -22      | 176.4                     | 69.07 | 176.4 | 69.94 | 176.4 | 70.56 | 176.4 | 71.43 | 173.5 | 67.26 | 161.6 | 61.95 |
|        | -19.8             | -20      | 185.7                     | 69.57 | 185.7 | 70.43 | 185.4 | 71.20 | 180.0 | 66.99 | 173.5 | 62.76 | 161.6 | 59.97 |
|        | -18.8             | -19      | 190.1                     | 69.83 | 190.1 | 71.28 | 185.7 | 68.56 | 180.0 | 64.64 | 173.5 | 61.72 | 161.6 | 59.04 |
|        | -16.7             | -17      | 196.2                     | 71.21 | 196.2 | 68.90 | 185.7 | 64.19 | 180.0 | 62.20 | 173.5 | 59.58 | 161.6 | 57.01 |
|        | -15               | -15.9    | 200.5                     | 69.42 | 197.7 | 66.89 | 185.7 | 62.56 | 180.0 | 60.58 | 173.5 | 58.07 | 161.6 | 55.54 |
|        | -13.7             | -15      | 204.9                     | 67.66 | 197.7 | 64.38 | 185.7 | 60.94 | 180.0 | 58.98 | 173.5 | 56.58 | 161.6 | 54.10 |
|        | -11.8             | -13      | 209.9                     | 65.28 | 197.7 | 61.35 | 185.7 | 58.89 | 180.0 | 57.01 | 173.5 | 54.67 | 161.6 | 52.29 |
|        | -9.8              | -11      | 209.9                     | 61.30 | 197.7 | 58.40 | 185.7 | 56.77 | 180.0 | 54.88 | 173.5 | 52.68 | 161.6 | 50.38 |
|        | -9.5              | -10      | 209.9                     | 60.55 | 197.7 | 57.77 | 185.7 | 56.44 | 180.0 | 54.58 | 173.5 | 52.38 | 161.6 | 50.08 |
|        | -8.5              | -9.1     | 209.9                     | 58.90 | 197.7 | 56.49 | 185.7 | 55.37 | 180.0 | 53.51 | 173.5 | 51.37 | 161.6 | 49.15 |
|        | -7                | -7.6     | 209.9                     | 56.66 | 197.7 | 54.86 | 185.7 | 53.77 | 180.0 | 51.91 | 173.5 | 49.90 | 161.6 | 47.68 |
|        | -5                | -5.6     | 209.9                     | 54.50 | 197.7 | 52.85 | 185.7 | 51.70 | 180.0 | 49.90 | 173.5 | 47.94 | 161.6 | 45.87 |
|        | -3                | -3.7     | 209.9                     | 52.37 | 197.7 | 50.77 | 185.7 | 49.65 | 180.0 | 47.84 | 173.5 | 46.02 | 161.6 | 43.99 |
|        | 0                 | -0.7     | 209.9                     | 49.17 | 197.7 | 47.69 | 185.7 | 46.53 | 180.0 | 44.80 | 173.5 | 43.14 | 161.6 | 41.23 |
|        | 3                 | 2.2      | 209.9                     | 45.97 | 197.7 | 44.59 | 185.7 | 43.42 | 180.0 | 41.72 | 173.5 | 40.28 | 161.6 | 38.49 |
|        | 5                 | 4.1      | 198.7                     | 40.33 | 186.5 | 39.01 | 174.2 | 37.79 | 168.5 | 36.18 | 162.0 | 34.89 | 150.1 | 33.12 |
|        | 7                 | 6        | 187.2                     | 35.08 | 174.7 | 33.80 | 162.7 | 32.56 | 156.6 | 31.05 | 150.1 | 29.88 | 137.9 | 28.24 |
|        | 9                 | 7.9      | 175.3                     | 29.94 | 162.8 | 28.73 | 150.4 | 27.53 | 144.4 | 26.20 | 137.9 | 25.14 | 125.6 | 23.61 |
|        | 11                | 9.8      | 162.8                     | 25.07 | 150.5 | 23.96 | 137.9 | 22.85 | 131.8 | 21.65 | 125.3 | 20.72 | 112.7 | 19.30 |
|        | 13                | 11.8     | 150.1                     | 20.93 | 137.6 | 19.90 | 124.9 | 18.87 | 118.8 | 17.83 | 112.3 | 17.02 | 99.70 | 15.70 |
|        | 15                | 13.7     | 136.8                     | 17.48 | 124.2 | 16.52 | 111.6 | 15.56 | 105.5 | 14.67 | 98.60 | 13.93 | 85.70 | 12.75 |
| 70     | -30               | -30.2    | 87.80                     | 66.78 | 87.80 | 67.14 | 87.50 | 67.72 | 87.50 | 75.88 | 87.50 | 72.21 | 85.80 | 68.84 |
|        | -24.8             | -25      | 146.7                     | 68.11 | 146.7 | 68.40 | 145.7 | 69.01 | 145.7 | 69.85 | 145.6 | 66.51 | 138.2 | 61.22 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 168.1                     | 68.87 | 167.8 | 69.01 | 158.0 | 66.04 | 152.6 | 62.89 | 148.0 | 59.91 | 138.2 | 57.06 |
|        | -19.8             | -20      | 177.8                     | 67.65 | 168.1 | 65.93 | 158.0 | 63.73 | 152.6 | 60.69 | 148.0 | 57.90 | 138.2 | 55.09 |
|        | -18.8             | -19      | 177.8                     | 65.97 | 168.1 | 64.78 | 158.0 | 62.59 | 152.6 | 59.59 | 148.0 | 56.84 | 138.2 | 54.10 |
|        | -16.7             | -17      | 177.8                     | 63.46 | 168.1 | 62.25 | 158.0 | 60.17 | 152.6 | 57.32 | 148.0 | 54.72 | 138.2 | 52.03 |
|        | -15               | -15.9    | 177.8                     | 61.69 | 168.1 | 60.49 | 158.0 | 58.44 | 152.6 | 55.67 | 148.0 | 53.18 | 138.2 | 50.56 |
|        | -13.7             | -15      | 177.8                     | 59.93 | 168.1 | 58.73 | 158.0 | 56.75 | 152.6 | 54.05 | 148.0 | 51.68 | 138.2 | 49.10 |
|        | -11.8             | -13      | 177.8                     | 57.69 | 168.1 | 56.48 | 158.0 | 54.59 | 152.6 | 52.00 | 148.0 | 49.74 | 138.2 | 47.24 |
|        | -9.8              | -11      | 177.8                     | 55.40 | 168.1 | 54.11 | 158.0 | 52.32 | 152.6 | 49.84 | 148.0 | 47.72 | 138.2 | 45.29 |
|        | -9.5              | -10      | 177.8                     | 55.03 | 168.1 | 53.77 | 158.0 | 51.96 | 152.6 | 49.52 | 148.0 | 47.43 | 138.2 | 45.00 |
|        | -8.5              | -9.1     | 177.8                     | 53.86 | 168.1 | 52.60 | 158.0 | 50.84 | 152.6 | 48.44 | 148.0 | 46.41 | 138.2 | 44.05 |
|        | -7                | -7.6     | 177.8                     | 52.13 | 168.1 | 50.87 | 158.0 | 49.15 | 152.6 | 46.83 | 148.0 | 44.91 | 138.2 | 42.56 |
|        | -5                | -5.6     | 177.8                     | 49.88 | 168.1 | 48.56 | 158.0 | 46.92 | 152.6 | 44.74 | 148.0 | 42.96 | 138.2 | 40.72 |
|        | -3                | -3.7     | 177.8                     | 47.64 | 168.1 | 46.31 | 158.0 | 44.75 | 152.6 | 42.65 | 148.0 | 40.99 | 138.2 | 38.82 |
|        | 0                 | -0.7     | 177.8                     | 44.26 | 168.1 | 42.89 | 158.0 | 41.45 | 152.6 | 39.54 | 148.0 | 38.06 | 138.2 | 36.00 |
|        | 3                 | 2.2      | 177.8                     | 40.87 | 168.1 | 39.47 | 158.0 | 38.14 | 152.6 | 36.39 | 148.0 | 35.16 | 138.2 | 33.15 |
|        | 5                 | 4.1      | 168.4                     | 35.61 | 158.4 | 34.15 | 148.3 | 32.93 | 142.9 | 31.36 | 138.3 | 30.25 | 128.1 | 28.36 |
|        | 7                 | 6        | 158.4                     | 30.73 | 148.7 | 29.31 | 138.2 | 28.10 | 132.8 | 26.71 | 128.2 | 25.81 | 118.0 | 24.00 |
|        | 9                 | 7.9      | 148.3                     | 25.31 | 138.3 | 24.03 | 128.1 | 22.90 | 122.4 | 21.75 | 117.7 | 20.93 | 107.3 | 19.37 |
|        | 11                | 9.8      | 137.9                     | 21.29 | 127.8 | 20.15 | 117.3 | 19.15 | 111.9 | 18.12 | 106.9 | 17.38 | 96.50 | 15.96 |
|        | 13                | 11.8     | 127.1                     | 17.91 | 117.0 | 16.85 | 106.2 | 15.92 | 100.8 | 15.03 | 95.80 | 14.39 | 85.30 | 13.11 |
|        | 15                | 13.7     | 115.9                     | 15.03 | 105.5 | 14.07 | 95.00 | 13.25 | 89.30 | 12.43 | 84.20 | 11.87 | 73.40 | 10.76 |
| 60     | -30               | -30.2    | 86.50                     | 66.11 | 86.50 | 66.68 | 85.90 | 75.41 | 83.00 | 71.39 | 80.10 | 67.64 | 75.00 | 64.32 |
|        | -24.8             | -25      | 143.9                     | 67.43 | 143.8 | 67.94 | 135.4 | 65.27 | 131.0 | 61.86 | 126.4 | 58.67 | 118.4 | 55.69 |
|        | -21.8             | -22      | 152.6                     | 67.45 | 144.4 | 65.13 | 135.4 | 61.75 | 131.0 | 58.56 | 126.4 | 55.59 | 118.4 | 52.69 |
|        | -19.8             | -20      | 152.6                     | 65.05 | 144.4 | 62.66 | 135.4 | 59.40 | 131.0 | 56.35 | 126.4 | 53.49 | 118.4 | 50.71 |
|        | -18.8             | -19      | 152.6                     | 63.79 | 144.4 | 61.42 | 135.4 | 58.26 | 131.0 | 55.29 | 126.4 | 52.48 | 118.4 | 49.69 |
|        | -16.7             | -17      | 152.6                     | 61.17 | 144.4 | 58.81 | 135.4 | 55.77 | 131.0 | 52.98 | 126.4 | 50.34 | 118.4 | 47.63 |
|        | -15               | -15.9    | 152.6                     | 59.31 | 144.4 | 56.96 | 135.4 | 54.03 | 131.0 | 51.35 | 126.4 | 48.78 | 118.4 | 46.14 |
|        | -13.7             | -15      | 152.6                     | 57.45 | 144.4 | 55.14 | 135.4 | 52.29 | 131.0 | 49.72 | 126.4 | 47.26 | 118.4 | 44.66 |
|        | -11.8             | -13      | 152.6                     | 55.10 | 144.4 | 52.79 | 135.4 | 50.07 | 131.0 | 47.65 | 126.4 | 45.31 | 118.4 | 42.79 |
|        | -9.8              | -11      | 152.6                     | 52.59 | 144.4 | 50.32 | 135.4 | 47.79 | 131.0 | 45.48 | 126.4 | 43.28 | 118.4 | 40.83 |
|        | -9.5              | -10      | 152.6                     | 52.22 | 144.4 | 49.96 | 135.4 | 47.46 | 131.0 | 45.15 | 126.4 | 42.96 | 118.4 | 40.53 |
|        | -8.5              | -9.1     | 152.6                     | 50.99 | 144.4 | 48.76 | 135.4 | 46.30 | 131.0 | 44.10 | 126.4 | 41.97 | 118.4 | 39.56 |
|        | -7                | -7.6     | 152.6                     | 49.17 | 144.4 | 46.94 | 135.4 | 44.56 | 131.0 | 42.47 | 126.4 | 40.44 | 118.4 | 38.08 |
|        | -5                | -5.6     | 152.6                     | 46.74 | 144.4 | 44.55 | 135.4 | 42.35 | 131.0 | 40.37 | 126.4 | 38.46 | 118.4 | 36.19 |
|        | -3                | -3.7     | 152.6                     | 44.37 | 144.4 | 42.19 | 135.4 | 40.10 | 131.0 | 38.26 | 126.4 | 36.47 | 118.4 | 34.28 |
|        | 0                 | -0.7     | 152.6                     | 40.74 | 144.4 | 38.59 | 135.4 | 36.73 | 131.0 | 35.11 | 126.4 | 33.53 | 118.4 | 31.42 |
|        | 3                 | 2.2      | 152.6                     | 37.15 | 144.4 | 35.04 | 135.4 | 33.35 | 131.0 | 31.96 | 126.4 | 30.56 | 118.4 | 28.56 |
|        | 5                 | 4.1      | 144.3                     | 32.10 | 136.1 | 30.10 | 127.1 | 28.57 | 122.7 | 27.36 | 118.1 | 26.14 | 109.8 | 24.25 |
|        | 7                 | 6        | 136.0                     | 27.46 | 127.8 | 25.54 | 118.5 | 24.18 | 114.1 | 23.15 | 109.5 | 22.09 | 101.1 | 20.36 |
|        | 9                 | 7.9      | 127.4                     | 22.40 | 118.8 | 20.76 | 109.8 | 19.56 | 105.1 | 18.70 | 100.5 | 17.81 | 92.10 | 16.31 |
|        | 11                | 9.8      | 118.4                     | 18.99 | 109.8 | 17.52 | 100.5 | 16.46 | 96.10 | 15.70 | 91.10 | 14.92 | 82.80 | 13.58 |
|        | 13                | 11.8     | 109.1                     | 16.03 | 100.5 | 14.75 | 91.10 | 13.82 | 86.40 | 13.14 | 81.70 | 12.43 | 73.00 | 11.26 |
|        | 15                | 13.7     | 99.70                     | 13.58 | 90.70 | 12.44 | 81.40 | 11.59 | 76.70 | 10.98 | 72.00 | 10.40 | 63.00 | 9.34  |
| 50     | -30               | -30.2    | 80.80                     | 57.59 | 76.10 | 65.44 | 71.40 | 61.95 | 69.30 | 58.68 | 66.80 | 55.53 | 62.40 | 52.77 |
|        | -24.8             | -25      | 127.4                     | 55.77 | 120.2 | 56.59 | 113.0 | 53.58 | 109.4 | 50.79 | 105.5 | 48.15 | 98.30 | 45.66 |
|        | -21.8             | -22      | 127.4                     | 56.48 | 120.2 | 53.50 | 113.0 | 50.68 | 109.4 | 48.04 | 105.5 | 45.59 | 98.30 | 43.18 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 127.4                     | 54.31 | 120.2 | 51.42 | 113.0 | 48.74 | 109.4 | 46.21 | 105.5 | 43.87 | 98.30 | 41.54 |
|        | -18.8             | -19      | 127.4                     | 53.25 | 120.2 | 50.38 | 113.0 | 47.82 | 109.4 | 45.30 | 105.5 | 43.03 | 98.30 | 40.77 |
|        | -16.7             | -17      | 127.4                     | 51.00 | 120.2 | 48.26 | 113.0 | 45.77 | 109.4 | 43.36 | 105.5 | 41.23 | 98.30 | 39.05 |
|        | -15               | -15.9    | 127.4                     | 49.39 | 120.2 | 46.68 | 113.0 | 44.34 | 109.4 | 42.00 | 105.5 | 39.96 | 98.30 | 37.81 |
|        | -13.7             | -15      | 127.4                     | 47.77 | 120.2 | 45.14 | 113.0 | 42.88 | 109.4 | 40.65 | 105.5 | 38.71 | 98.30 | 36.60 |
|        | -11.8             | -13      | 127.4                     | 45.72 | 120.2 | 43.23 | 113.0 | 41.10 | 109.4 | 38.96 | 105.5 | 37.10 | 98.30 | 35.07 |
|        | -9.8              | -11      | 127.4                     | 43.62 | 120.2 | 41.17 | 113.0 | 39.17 | 109.4 | 37.14 | 105.5 | 35.42 | 98.30 | 33.46 |
|        | -9.5              | -10      | 127.4                     | 43.29 | 120.2 | 40.88 | 113.0 | 38.88 | 109.4 | 36.88 | 105.5 | 35.20 | 98.30 | 33.21 |
|        | -8.5              | -9.1     | 127.4                     | 42.24 | 120.2 | 39.85 | 113.0 | 37.96 | 109.4 | 36.00 | 105.5 | 34.36 | 98.30 | 32.41 |
|        | -7                | -7.6     | 127.4                     | 40.60 | 120.2 | 38.35 | 113.0 | 36.53 | 109.4 | 34.64 | 105.5 | 33.08 | 98.30 | 31.20 |
|        | -5                | -5.6     | 127.4                     | 38.54 | 120.2 | 36.37 | 113.0 | 34.69 | 109.4 | 32.91 | 105.5 | 31.47 | 98.30 | 29.63 |
|        | -3                | -3.7     | 127.4                     | 36.51 | 120.2 | 34.39 | 113.0 | 32.82 | 109.4 | 31.13 | 105.5 | 29.82 | 98.30 | 28.06 |
|        | 0                 | -0.7     | 127.4                     | 33.39 | 120.2 | 31.38 | 113.0 | 30.04 | 109.4 | 28.53 | 105.5 | 27.40 | 98.30 | 25.72 |
|        | 3                 | 2.2      | 127.4                     | 30.27 | 120.2 | 28.44 | 113.0 | 27.28 | 109.4 | 25.89 | 105.5 | 24.95 | 98.30 | 23.37 |
|        | 5                 | 4.1      | 120.6                     | 26.14 | 113.4 | 24.43 | 106.1 | 23.42 | 102.5 | 22.17 | 98.60 | 21.41 | 91.10 | 19.92 |
|        | 7                 | 6        | 113.7                     | 22.33 | 106.2 | 20.76 | 99.00 | 19.88 | 95.30 | 18.81 | 91.40 | 18.16 | 83.90 | 16.81 |
|        | 9                 | 7.9      | 106.2                     | 18.52 | 99.00 | 17.17 | 91.40 | 16.38 | 87.80 | 15.47 | 83.90 | 14.90 | 76.30 | 13.71 |
|        | 11                | 9.8      | 99.00                     | 15.81 | 91.40 | 14.60 | 83.90 | 13.90 | 80.20 | 13.08 | 76.30 | 12.57 | 68.70 | 11.51 |
|        | 13                | 11.8     | 91.10                     | 13.46 | 83.50 | 12.40 | 76.00 | 11.76 | 72.30 | 11.05 | 68.40 | 10.59 | 60.50 | 9.66  |
|        | 15                | 13.7     | 83.10                     | 11.51 | 75.60 | 10.58 | 68.00 | 9.98  | 64.10 | 9.35  | 60.10 | 8.95  | 52.20 | 8.10  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM740LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 92.30                     | 78.28 | 92.30 | 78.62 | 91.60 | 78.96 | 91.60 | 79.41 | 91.60 | 79.92 | 89.70 | 80.56 |
|        | -24.8             | -25      | 153.6                     | 79.23 | 153.6 | 79.57 | 152.6 | 79.87 | 152.6 | 80.36 | 152.6 | 80.80 | 149.9 | 81.47 |
|        | -21.8             | -22      | 186.9                     | 79.76 | 186.9 | 80.10 | 185.7 | 80.44 | 185.7 | 80.89 | 185.7 | 81.30 | 182.1 | 82.03 |
|        | -19.8             | -20      | 197.2                     | 80.13 | 197.2 | 80.47 | 195.8 | 80.77 | 195.8 | 81.22 | 195.8 | 81.67 | 192.1 | 82.36 |
|        | -18.8             | -19      | 201.4                     | 80.26 | 201.4 | 80.63 | 200.3 | 80.94 | 200.3 | 81.39 | 200.3 | 81.83 | 196.2 | 82.53 |
|        | -16.7             | -17      | 210.5                     | 80.66 | 210.5 | 81.01 | 209.3 | 81.31 | 209.3 | 81.76 | 209.3 | 82.17 | 205.2 | 82.90 |
|        | -15               | -15.9    | 216.8                     | 80.90 | 216.8 | 81.24 | 215.7 | 81.54 | 215.7 | 81.99 | 215.7 | 82.43 | 211.6 | 81.28 |
|        | -13.7             | -15      | 223.5                     | 81.19 | 223.5 | 81.51 | 222.4 | 81.81 | 222.4 | 82.26 | 222.4 | 82.73 | 218.0 | 79.69 |
|        | -11.8             | -13      | 230.9                     | 81.49 | 230.9 | 81.83 | 229.2 | 82.16 | 229.2 | 82.61 | 229.2 | 80.57 | 225.8 | 77.67 |
|        | -9.8              | -11      | 238.4                     | 81.85 | 238.4 | 82.19 | 237.1 | 82.49 | 237.1 | 80.37 | 237.1 | 78.35 | 234.1 | 75.57 |
|        | -9.5              | -10      | 239.9                     | 81.90 | 239.9 | 82.21 | 238.4 | 82.13 | 238.4 | 80.03 | 238.4 | 78.02 | 235.3 | 75.27 |
|        | -8.5              | -9.1     | 244.6                     | 82.07 | 244.6 | 82.41 | 242.8 | 80.99 | 242.8 | 78.89 | 241.7 | 76.91 | 239.8 | 74.20 |
|        | -7                | -7.6     | 251.6                     | 82.33 | 251.6 | 80.76 | 249.8 | 79.28 | 249.8 | 77.19 | 249.8 | 75.25 | 246.1 | 72.62 |
|        | -5                | -5.6     | 260.6                     | 80.31 | 260.6 | 78.65 | 259.1 | 77.15 | 259.1 | 75.10 | 259.1 | 73.13 | 254.4 | 70.64 |
|        | -3                | -3.7     | 269.8                     | 78.29 | 269.8 | 76.53 | 268.2 | 74.96 | 268.2 | 72.94 | 268.2 | 71.01 | 262.2 | 68.50 |
|        | 0                 | -0.7     | 283.5                     | 75.31 | 283.5 | 73.44 | 282.0 | 71.70 | 282.0 | 69.75 | 282.0 | 67.85 | 263.1 | 62.76 |
|        | 3                 | 2.2      | 297.5                     | 72.30 | 297.5 | 70.29 | 295.6 | 68.50 | 293.0 | 65.96 | 282.7 | 61.88 | 263.1 | 59.42 |
|        | 5                 | 4.1      | 285.3                     | 63.09 | 284.1 | 60.90 | 281.9 | 59.20 | 274.5 | 55.98 | 263.9 | 53.51 | 244.2 | 51.54 |
|        | 7                 | 6        | 268.6                     | 53.98 | 266.4 | 51.83 | 263.0 | 49.98 | 255.2 | 47.86 | 244.6 | 46.19 | 224.6 | 44.22 |
|        | 9                 | 7.9      | 251.3                     | 47.16 | 247.9 | 45.05 | 243.4 | 43.09 | 235.3 | 41.46 | 224.6 | 39.86 | 204.6 | 37.89 |
|        | 11                | 9.8      | 233.8                     | 41.44 | 229.0 | 39.34 | 223.1 | 37.41 | 214.6 | 35.86 | 204.2 | 34.34 | 183.6 | 32.34 |
|        | 13                | 11.8     | 215.4                     | 35.94 | 209.4 | 33.94 | 202.0 | 31.99 | 193.5 | 30.58 | 182.8 | 29.14 | 162.1 | 27.16 |
|        | 15                | 13.7     | 196.5                     | 30.77 | 189.1 | 28.82 | 180.5 | 26.96 | 171.6 | 25.65 | 160.6 | 24.33 | 139.9 | 22.40 |
| 120    | -30               | -30.2    | 91.60                     | 78.62 | 91.60 | 78.96 | 90.90 | 79.41 | 90.90 | 79.92 | 90.90 | 80.56 | 89.00 | 81.11 |
|        | -24.8             | -25      | 152.5                     | 79.57 | 152.5 | 79.87 | 151.5 | 80.36 | 151.5 | 80.80 | 151.5 | 81.47 | 148.5 | 81.99 |
|        | -21.8             | -22      | 185.7                     | 80.10 | 185.7 | 80.44 | 184.3 | 80.89 | 184.3 | 81.30 | 184.3 | 82.03 | 181.0 | 82.49 |
|        | -19.8             | -20      | 195.7                     | 80.47 | 195.7 | 80.77 | 194.6 | 81.22 | 194.6 | 81.67 | 194.6 | 82.36 | 190.6 | 82.82 |
|        | -18.8             | -19      | 200.3                     | 80.63 | 200.3 | 80.94 | 198.7 | 81.39 | 198.7 | 81.83 | 198.7 | 82.53 | 195.0 | 83.02 |
|        | -16.7             | -17      | 209.3                     | 81.01 | 209.3 | 81.31 | 207.8 | 81.76 | 207.8 | 82.17 | 207.8 | 82.90 | 203.7 | 80.92 |
|        | -15               | -15.9    | 215.6                     | 81.24 | 215.6 | 81.54 | 214.2 | 81.99 | 214.2 | 82.43 | 214.2 | 81.35 | 210.1 | 79.44 |
|        | -13.7             | -15      | 221.7                     | 81.51 | 221.7 | 81.81 | 220.6 | 82.26 | 220.6 | 82.73 | 220.6 | 79.80 | 216.4 | 78.00 |
|        | -11.8             | -13      | 229.1                     | 81.83 | 229.1 | 82.16 | 227.7 | 82.61 | 227.7 | 80.56 | 227.7 | 77.91 | 224.3 | 76.13 |
|        | -9.8              | -11      | 236.5                     | 82.19 | 236.5 | 82.49 | 235.0 | 80.26 | 235.0 | 78.31 | 235.0 | 75.89 | 232.6 | 74.21 |
|        | -9.5              | -10      | 238.4                     | 82.21 | 238.4 | 82.13 | 236.5 | 79.92 | 236.5 | 77.98 | 236.5 | 75.57 | 233.8 | 73.91 |
|        | -8.5              | -9.1     | 242.5                     | 82.41 | 242.5 | 80.88 | 241.3 | 78.75 | 241.3 | 76.87 | 241.3 | 74.56 | 238.3 | 72.92 |
|        | -7                | -7.6     | 249.5                     | 80.61 | 249.5 | 79.03 | 247.9 | 77.01 | 247.9 | 75.18 | 247.9 | 73.06 | 244.0 | 71.45 |
|        | -5                | -5.6     | 259.0                     | 78.26 | 259.0 | 76.68 | 256.8 | 74.74 | 256.8 | 73.02 | 256.8 | 71.15 | 247.2 | 68.09 |
|        | -3                | -3.7     | 267.9                     | 75.95 | 267.9 | 74.37 | 266.4 | 72.54 | 266.4 | 70.90 | 266.0 | 69.17 | 247.2 | 64.33 |
|        | 0                 | -0.7     | 281.6                     | 72.50 | 281.6 | 70.85 | 279.8 | 69.21 | 274.6 | 66.44 | 266.0 | 63.06 | 247.2 | 61.73 |
|        | 3                 | 2.2      | 295.6                     | 69.01 | 295.6 | 67.32 | 284.1 | 63.74 | 274.6 | 61.21 | 266.0 | 60.26 | 247.2 | 59.09 |
|        | 5                 | 4.1      | 283.0                     | 59.93 | 278.6 | 57.50 | 266.7 | 54.79 | 257.2 | 53.57 | 248.3 | 52.77 | 229.4 | 51.47 |
|        | 7                 | 6        | 266.4                     | 50.96 | 261.2 | 48.98 | 248.6 | 47.56 | 239.1 | 46.42 | 230.1 | 45.73 | 211.0 | 44.35 |
|        | 9                 | 7.9      | 249.4                     | 44.55 | 243.4 | 42.77 | 230.1 | 41.32 | 220.6 | 40.19 | 211.6 | 39.44 | 192.1 | 37.98 |
|        | 11                | 9.8      | 231.9                     | 39.09 | 224.9 | 37.32 | 210.9 | 35.80 | 201.3 | 34.71 | 192.0 | 33.96 | 172.5 | 32.44 |
|        | 13                | 11.8     | 213.8                     | 33.88 | 205.7 | 32.18 | 191.2 | 30.67 | 181.3 | 29.59 | 172.0 | 28.83 | 152.4 | 27.26 |
|        | 15                | 13.7     | 194.9                     | 28.98 | 185.7 | 27.32 | 170.6 | 25.86 | 160.6 | 24.85 | 151.3 | 24.07 | 131.4 | 22.50 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 91.20                     | 78.96 | 91.20 | 79.41 | 90.50 | 79.92 | 90.50 | 80.56 | 90.50 | 81.11 | 88.60 | 81.26 |
|        | -24.8             | -25      | 151.8                     | 79.87 | 151.8 | 80.36 | 150.7 | 80.80 | 150.7 | 81.47 | 150.7 | 81.99 | 147.7 | 82.20 |
|        | -21.8             | -22      | 184.3                     | 80.44 | 184.3 | 80.89 | 183.2 | 81.30 | 183.2 | 82.03 | 183.2 | 82.49 | 179.9 | 82.73 |
|        | -19.8             | -20      | 194.7                     | 80.77 | 194.7 | 81.22 | 193.5 | 81.67 | 193.5 | 82.36 | 193.5 | 82.82 | 189.6 | 83.07 |
|        | -18.8             | -19      | 198.9                     | 80.94 | 198.9 | 81.39 | 197.6 | 81.83 | 197.6 | 82.53 | 197.6 | 83.02 | 194.0 | 81.97 |
|        | -16.7             | -17      | 208.1                     | 81.31 | 208.1 | 81.76 | 206.4 | 82.17 | 206.4 | 82.90 | 206.4 | 80.77 | 202.6 | 79.68 |
|        | -15               | -15.9    | 214.2                     | 81.54 | 214.2 | 81.99 | 212.8 | 82.43 | 212.8 | 81.20 | 212.8 | 79.18 | 210.9 | 78.02 |
|        | -13.7             | -15      | 220.6                     | 81.81 | 220.6 | 82.26 | 219.2 | 82.73 | 219.2 | 79.51 | 219.2 | 77.60 | 219.2 | 76.40 |
|        | -11.8             | -13      | 227.7                     | 82.16 | 227.7 | 82.61 | 226.5 | 80.35 | 226.5 | 77.41 | 226.5 | 75.58 | 222.4 | 72.97 |
|        | -9.8              | -11      | 235.4                     | 82.49 | 235.4 | 79.97 | 233.9 | 77.87 | 233.9 | 75.16 | 233.9 | 73.48 | 222.4 | 69.00 |
|        | -9.5              | -10      | 236.5                     | 82.06 | 236.5 | 79.56 | 235.4 | 77.51 | 235.4 | 74.87 | 235.4 | 73.14 | 222.4 | 68.19 |
|        | -8.5              | -9.1     | 241.3                     | 80.65 | 241.3 | 78.24 | 239.9 | 76.29 | 239.9 | 73.73 | 238.3 | 71.64 | 222.4 | 67.17 |
|        | -7                | -7.6     | 248.4                     | 78.51 | 248.4 | 76.25 | 246.8 | 74.42 | 246.4 | 71.94 | 238.3 | 68.11 | 222.4 | 65.65 |
|        | -5                | -5.6     | 257.2                     | 75.80 | 257.2 | 73.75 | 254.9 | 71.86 | 246.4 | 67.41 | 238.3 | 65.03 | 222.4 | 63.68 |
|        | -3                | -3.7     | 266.4                     | 73.09 | 266.4 | 71.23 | 254.9 | 67.15 | 246.4 | 64.37 | 238.3 | 63.12 | 222.4 | 61.74 |
|        | 0                 | -0.7     | 279.9                     | 69.03 | 271.6 | 65.42 | 254.9 | 62.83 | 246.4 | 61.33 | 238.3 | 60.27 | 222.4 | 58.78 |
|        | 3                 | 2.2      | 287.5                     | 63.59 | 271.6 | 60.41 | 254.9 | 59.46 | 246.4 | 58.36 | 238.3 | 57.45 | 222.4 | 55.88 |
|        | 5                 | 4.1      | 272.3                     | 54.08 | 256.1 | 52.93 | 239.3 | 52.02 | 230.8 | 51.04 | 222.4 | 50.19 | 206.5 | 48.45 |
|        | 7                 | 6        | 256.4                     | 47.02 | 240.1 | 45.95 | 223.1 | 45.04 | 214.6 | 44.24 | 206.1 | 43.45 | 189.8 | 41.60 |
|        | 9                 | 7.9      | 240.1                     | 41.14 | 223.5 | 40.02 | 206.5 | 39.00 | 197.9 | 38.21 | 189.5 | 37.41 | 172.8 | 35.53 |
|        | 11                | 9.8      | 223.1                     | 35.99 | 206.5 | 34.83 | 189.4 | 33.75 | 180.6 | 32.92 | 172.1 | 32.13 | 155.4 | 30.28 |
|        | 13                | 11.8     | 205.7                     | 31.11 | 189.0 | 29.92 | 171.6 | 28.81 | 162.8 | 28.01 | 154.3 | 27.22 | 136.9 | 25.43 |
|        | 15                | 13.7     | 187.6                     | 26.50 | 170.6 | 25.36 | 153.1 | 24.21 | 144.3 | 23.49 | 135.4 | 22.68 | 118.1 | 20.97 |
| 100    | -30               | -30.2    | 90.50                     | 89.20 | 90.50 | 88.72 | 90.10 | 76.36 | 90.10 | 87.31 | 90.10 | 84.96 | 88.30 | 86.47 |
|        | -24.8             | -25      | 151.1                     | 87.46 | 151.1 | 86.95 | 150.3 | 80.44 | 150.3 | 85.57 | 150.3 | 85.03 | 147.0 | 84.73 |
|        | -21.8             | -22      | 183.6                     | 86.49 | 183.6 | 85.92 | 182.5 | 82.78 | 182.5 | 84.60 | 182.5 | 85.06 | 179.2 | 83.76 |
|        | -19.8             | -20      | 193.9                     | 85.80 | 193.9 | 85.26 | 192.5 | 84.23 | 192.5 | 83.91 | 192.5 | 83.70 | 188.7 | 83.07 |
|        | -18.8             | -19      | 198.0                     | 85.45 | 196.9 | 84.94 | 196.9 | 84.40 | 196.9 | 83.56 | 196.9 | 83.02 | 193.2 | 81.74 |
|        | -16.7             | -17      | 205.6                     | 84.79 | 205.6 | 84.22 | 205.6 | 84.74 | 204.5 | 82.90 | 204.5 | 80.26 | 200.8 | 78.94 |
|        | -15               | -15.9    | 212.7                     | 84.25 | 212.7 | 83.71 | 212.0 | 83.72 | 211.6 | 80.91 | 211.6 | 78.28 | 203.2 | 75.36 |
|        | -13.7             | -15      | 219.5                     | 83.75 | 219.5 | 83.24 | 218.4 | 82.73 | 218.4 | 78.92 | 218.3 | 76.31 | 203.2 | 71.11 |
|        | -11.8             | -13      | 226.5                     | 83.15 | 225.4 | 82.61 | 225.4 | 80.09 | 225.4 | 76.41 | 218.3 | 71.52 | 203.2 | 68.70 |
|        | -9.8              | -11      | 234.3                     | 82.49 | 234.3 | 79.67 | 233.1 | 77.32 | 225.7 | 71.44 | 218.3 | 67.62 | 203.2 | 66.19 |
|        | -9.5              | -10      | 235.4                     | 82.01 | 235.4 | 79.20 | 233.1 | 76.46 | 225.7 | 70.68 | 218.3 | 67.25 | 203.2 | 65.82 |
|        | -8.5              | -9.1     | 240.2                     | 80.51 | 240.2 | 77.75 | 233.1 | 73.65 | 225.7 | 68.38 | 218.3 | 66.01 | 203.2 | 64.54 |
|        | -7                | -7.6     | 251.0                     | 78.19 | 247.9 | 74.94 | 233.1 | 69.66 | 225.7 | 66.50 | 218.3 | 64.16 | 203.2 | 62.67 |
|        | -5                | -5.6     | 262.0                     | 75.26 | 247.9 | 69.52 | 233.1 | 67.16 | 225.7 | 64.13 | 218.3 | 61.82 | 203.2 | 60.28 |
|        | -3                | -3.7     | 263.0                     | 70.60 | 247.9 | 66.35 | 233.1 | 64.66 | 225.7 | 61.75 | 218.3 | 59.45 | 203.2 | 57.87 |
|        | 0                 | -0.7     | 263.0                     | 64.44 | 247.9 | 62.32 | 233.1 | 60.86 | 225.7 | 58.16 | 218.3 | 55.89 | 203.2 | 54.24 |
|        | 3                 | 2.2      | 263.0                     | 60.23 | 247.9 | 58.33 | 233.1 | 57.09 | 225.7 | 54.57 | 218.3 | 52.37 | 203.2 | 50.63 |
|        | 5                 | 4.1      | 248.9                     | 52.68 | 233.8 | 50.82 | 218.7 | 49.62 | 211.3 | 47.35 | 203.9 | 45.27 | 188.4 | 43.39 |
|        | 7                 | 6        | 234.5                     | 45.64 | 219.1 | 43.89 | 204.2 | 42.73 | 196.5 | 40.69 | 189.0 | 38.75 | 173.6 | 36.80 |
|        | 9                 | 7.9      | 219.4                     | 39.80 | 204.2 | 38.12 | 188.7 | 36.93 | 181.3 | 35.04 | 173.5 | 33.26 | 158.0 | 31.39 |
|        | 11                | 9.8      | 204.2                     | 34.74 | 188.7 | 33.04 | 173.2 | 31.85 | 165.4 | 30.12 | 157.6 | 28.48 | 141.8 | 26.68 |
|        | 13                | 11.8     | 187.9                     | 29.92 | 172.4 | 28.33 | 156.9 | 27.12 | 149.1 | 25.57 | 141.3 | 24.09 | 125.1 | 22.37 |
|        | 15                | 13.7     | 171.6                     | 25.42 | 155.8 | 23.95 | 139.9 | 22.74 | 132.1 | 21.41 | 124.3 | 20.04 | 108.0 | 18.47 |
| 90     | -30               | -30.2    | 90.50                     | 77.52 | 90.50 | 78.15 | 89.70 | 78.65 | 89.70 | 78.86 | 89.70 | 79.41 | 87.90 | 87.27 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 150.7                     | 78.40 | 150.7 | 79.10 | 149.6 | 79.60 | 149.6 | 79.81 | 149.6 | 80.29 | 146.6 | 80.99 |
|        | -21.8             | -22      | 182.9                     | 78.91 | 182.9 | 79.63 | 181.8 | 80.13 | 181.8 | 80.34 | 181.8 | 80.82 | 178.3 | 77.36 |
|        | -19.8             | -20      | 193.2                     | 79.30 | 193.2 | 79.97 | 191.8 | 80.49 | 191.8 | 80.70 | 191.8 | 78.36 | 185.7 | 73.96 |
|        | -18.8             | -19      | 198.0                     | 79.47 | 196.9 | 80.16 | 196.2 | 80.63 | 196.2 | 79.42 | 196.2 | 77.13 | 185.7 | 71.25 |
|        | -16.7             | -17      | 205.6                     | 79.84 | 205.6 | 80.51 | 204.8 | 78.03 | 204.8 | 76.79 | 200.1 | 72.85 | 185.7 | 67.65 |
|        | -15               | -15.9    | 212.7                     | 80.07 | 212.7 | 78.60 | 211.2 | 76.19 | 206.8 | 73.35 | 200.1 | 70.04 | 185.7 | 65.96 |
|        | -13.7             | -15      | 219.5                     | 80.34 | 219.5 | 76.66 | 213.2 | 72.82 | 206.8 | 69.44 | 200.1 | 67.31 | 185.7 | 64.28 |
|        | -11.8             | -13      | 226.5                     | 77.74 | 225.4 | 74.25 | 213.2 | 68.36 | 206.8 | 67.08 | 200.1 | 65.11 | 185.7 | 62.13 |
|        | -9.8              | -11      | 234.3                     | 74.99 | 226.5 | 69.30 | 213.2 | 66.02 | 206.8 | 64.71 | 200.1 | 62.85 | 185.7 | 59.89 |
|        | -9.5              | -10      | 235.4                     | 74.56 | 226.5 | 68.58 | 213.2 | 65.65 | 206.8 | 64.34 | 200.1 | 62.52 | 185.7 | 59.56 |
|        | -8.5              | -9.1     | 240.2                     | 73.21 | 226.5 | 66.60 | 213.2 | 64.52 | 206.8 | 63.20 | 200.1 | 61.34 | 185.7 | 58.44 |
|        | -7                | -7.6     | 240.9                     | 68.27 | 226.5 | 64.70 | 213.2 | 62.76 | 206.8 | 61.44 | 200.1 | 59.63 | 185.7 | 56.75 |
|        | -5                | -5.6     | 240.9                     | 65.02 | 226.5 | 62.40 | 213.2 | 60.54 | 206.8 | 59.15 | 200.1 | 57.44 | 185.7 | 54.63 |
|        | -3                | -3.7     | 240.9                     | 62.55 | 226.5 | 60.07 | 213.2 | 58.32 | 206.8 | 56.90 | 200.1 | 55.23 | 185.7 | 52.45 |
|        | 0                 | -0.7     | 240.9                     | 58.80 | 226.5 | 56.59 | 213.2 | 55.01 | 206.8 | 53.51 | 200.1 | 51.95 | 185.7 | 49.25 |
|        | 3                 | 2.2      | 240.9                     | 55.05 | 226.5 | 53.15 | 213.2 | 51.66 | 206.8 | 50.13 | 200.1 | 48.63 | 185.7 | 46.01 |
|        | 5                 | 4.1      | 228.0                     | 48.26 | 213.6 | 46.51 | 200.2 | 45.06 | 193.5 | 43.53 | 186.8 | 42.11 | 172.4 | 39.56 |
|        | 7                 | 6        | 214.7                     | 41.93 | 200.2 | 40.36 | 186.6 | 38.92 | 180.1 | 37.42 | 173.1 | 36.14 | 158.7 | 33.71 |
|        | 9                 | 7.9      | 201.0                     | 36.23 | 186.5 | 34.70 | 172.8 | 33.33 | 166.1 | 31.93 | 159.1 | 30.73 | 144.3 | 28.48 |
|        | 11                | 9.8      | 186.9                     | 30.95 | 172.1 | 29.54 | 158.4 | 28.20 | 151.7 | 26.98 | 144.6 | 25.86 | 129.5 | 23.79 |
|        | 13                | 11.8     | 172.4                     | 26.20 | 157.6 | 24.86 | 143.6 | 23.60 | 136.5 | 22.48 | 129.4 | 21.51 | 114.3 | 19.60 |
|        | 15                | 13.7     | 157.2                     | 21.86 | 142.1 | 20.64 | 128.1 | 19.46 | 121.0 | 18.49 | 113.9 | 17.59 | 98.70 | 15.94 |
| 80     | -30               | -30.2    | 89.80                     | 68.36 | 89.80 | 69.09 | 89.40 | 69.64 | 89.40 | 68.99 | 89.40 | 77.50 | 87.60 | 74.25 |
|        | -24.8             | -25      | 150.0                     | 69.35 | 150.0 | 70.07 | 148.9 | 70.57 | 148.9 | 70.78 | 148.9 | 71.96 | 145.9 | 68.94 |
|        | -21.8             | -22      | 181.0                     | 69.92 | 181.0 | 70.61 | 181.0 | 71.11 | 181.0 | 71.80 | 178.3 | 67.78 | 166.1 | 62.53 |
|        | -19.8             | -20      | 191.0                     | 70.28 | 191.0 | 70.98 | 190.7 | 71.57 | 185.0 | 67.35 | 178.3 | 63.25 | 166.1 | 60.55 |
|        | -18.8             | -19      | 195.4                     | 70.48 | 195.4 | 71.64 | 190.9 | 68.94 | 185.0 | 65.02 | 178.3 | 62.29 | 166.1 | 59.63 |
|        | -16.7             | -17      | 201.3                     | 71.55 | 201.3 | 69.31 | 190.9 | 64.73 | 185.0 | 62.75 | 178.3 | 60.17 | 166.1 | 57.61 |
|        | -15               | -15.9    | 205.7                     | 69.80 | 203.1 | 67.42 | 190.9 | 63.12 | 185.0 | 61.15 | 178.3 | 58.67 | 166.1 | 56.16 |
|        | -13.7             | -15      | 210.2                     | 68.08 | 203.1 | 64.94 | 190.9 | 61.51 | 185.0 | 59.58 | 178.3 | 57.20 | 166.1 | 54.73 |
|        | -11.8             | -13      | 215.7                     | 65.88 | 203.1 | 61.96 | 190.9 | 59.50 | 185.0 | 57.63 | 178.3 | 55.30 | 166.1 | 52.93 |
|        | -9.8              | -11      | 215.7                     | 61.94 | 203.1 | 59.03 | 190.9 | 57.41 | 185.0 | 55.51 | 178.3 | 53.33 | 166.1 | 51.03 |
|        | -9.5              | -10      | 215.7                     | 61.17 | 203.1 | 58.38 | 190.9 | 57.08 | 185.0 | 55.21 | 178.3 | 53.03 | 166.1 | 50.74 |
|        | -8.5              | -9.1     | 215.7                     | 59.55 | 203.1 | 57.15 | 190.9 | 56.02 | 185.0 | 54.16 | 178.3 | 52.05 | 166.1 | 49.82 |
|        | -7                | -7.6     | 215.7                     | 57.32 | 203.1 | 55.54 | 190.9 | 54.44 | 185.0 | 52.59 | 178.3 | 50.59 | 166.1 | 48.36 |
|        | -5                | -5.6     | 215.7                     | 55.22 | 203.1 | 53.57 | 190.9 | 52.41 | 185.0 | 50.62 | 178.3 | 48.66 | 166.1 | 46.57 |
|        | -3                | -3.7     | 215.7                     | 53.14 | 203.1 | 51.54 | 190.9 | 50.41 | 185.0 | 48.58 | 178.3 | 46.77 | 166.1 | 44.72 |
|        | 0                 | -0.7     | 215.7                     | 50.01 | 203.1 | 48.51 | 190.9 | 47.35 | 185.0 | 45.60 | 178.3 | 43.92 | 166.1 | 41.99 |
|        | 3                 | 2.2      | 215.7                     | 46.88 | 203.1 | 45.50 | 190.9 | 44.30 | 185.0 | 42.58 | 178.3 | 41.11 | 166.1 | 39.29 |
|        | 5                 | 4.1      | 204.2                     | 41.19 | 191.6 | 39.85 | 179.1 | 38.60 | 173.2 | 36.98 | 166.5 | 35.66 | 154.2 | 33.85 |
|        | 7                 | 6        | 192.4                     | 35.90 | 179.4 | 34.59 | 167.2 | 33.32 | 161.0 | 31.79 | 154.3 | 30.59 | 141.7 | 28.92 |
|        | 9                 | 7.9      | 180.2                     | 30.63 | 167.2 | 29.41 | 154.6 | 28.18 | 148.4 | 26.83 | 141.7 | 25.74 | 129.1 | 24.19 |
|        | 11                | 9.8      | 167.3                     | 25.65 | 154.6 | 24.53 | 141.7 | 23.41 | 135.5 | 22.18 | 128.7 | 21.24 | 115.8 | 19.80 |
|        | 13                | 11.8     | 154.3                     | 21.44 | 141.3 | 20.40 | 128.4 | 19.35 | 122.1 | 18.31 | 115.4 | 17.48 | 102.4 | 16.15 |
|        | 15                | 13.7     | 140.6                     | 17.93 | 127.6 | 16.97 | 114.7 | 16.01 | 108.4 | 15.10 | 101.4 | 14.35 | 88.10 | 13.18 |
| 70     | -30               | -30.2    | 89.80                     | 68.02 | 89.80 | 68.32 | 89.40 | 68.78 | 89.40 | 76.41 | 89.40 | 72.77 | 87.60 | 69.44 |
|        | -24.8             | -25      | 150.0                     | 69.00 | 150.0 | 69.25 | 148.9 | 69.73 | 148.9 | 70.40 | 148.9 | 67.11 | 142.1 | 62.29 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 172.4                     | 69.57 | 172.4 | 69.79 | 162.4 | 66.68 | 156.9 | 63.54 | 152.1 | 60.59 | 142.1 | 57.74 |
|        | -19.8             | -20      | 182.8                     | 68.22 | 172.8 | 66.56 | 162.4 | 64.37 | 156.9 | 61.35 | 152.1 | 58.57 | 142.1 | 55.77 |
|        | -18.8             | -19      | 182.8                     | 66.52 | 172.8 | 65.42 | 162.4 | 63.24 | 156.9 | 60.25 | 152.1 | 57.52 | 142.1 | 54.77 |
|        | -16.7             | -17      | 182.8                     | 64.10 | 172.8 | 62.90 | 162.4 | 60.83 | 156.9 | 57.98 | 152.1 | 55.39 | 142.1 | 52.69 |
|        | -15               | -15.9    | 182.8                     | 62.34 | 172.8 | 61.14 | 162.4 | 59.11 | 156.9 | 56.33 | 152.1 | 53.86 | 142.1 | 51.23 |
|        | -13.7             | -15      | 182.8                     | 60.59 | 172.8 | 59.39 | 162.4 | 57.42 | 156.9 | 54.72 | 152.1 | 52.36 | 142.1 | 49.76 |
|        | -11.8             | -13      | 182.8                     | 58.37 | 172.8 | 57.15 | 162.4 | 55.26 | 156.9 | 52.68 | 152.1 | 50.42 | 142.1 | 47.90 |
|        | -9.8              | -11      | 182.8                     | 56.09 | 172.8 | 54.79 | 162.4 | 52.99 | 156.9 | 50.52 | 152.1 | 48.41 | 142.1 | 45.96 |
|        | -9.5              | -10      | 182.8                     | 55.73 | 172.8 | 54.46 | 162.4 | 52.63 | 156.9 | 50.19 | 152.1 | 48.11 | 142.1 | 45.67 |
|        | -8.5              | -9.1     | 182.8                     | 54.56 | 172.8 | 53.29 | 162.4 | 51.53 | 156.9 | 49.13 | 152.1 | 47.09 | 142.1 | 44.71 |
|        | -7                | -7.6     | 182.8                     | 52.85 | 172.8 | 51.57 | 162.4 | 49.85 | 156.9 | 47.52 | 152.1 | 45.59 | 142.1 | 43.22 |
|        | -5                | -5.6     | 182.8                     | 50.62 | 172.8 | 49.27 | 162.4 | 47.64 | 156.9 | 45.44 | 152.1 | 43.66 | 142.1 | 41.40 |
|        | -3                | -3.7     | 182.8                     | 48.40 | 172.8 | 47.05 | 162.4 | 45.48 | 156.9 | 43.37 | 152.1 | 41.69 | 142.1 | 39.50 |
|        | 0                 | -0.7     | 182.8                     | 45.05 | 172.8 | 43.67 | 162.4 | 42.21 | 156.9 | 40.27 | 152.1 | 38.79 | 142.1 | 36.69 |
|        | 3                 | 2.2      | 182.8                     | 41.70 | 172.8 | 40.27 | 162.4 | 38.92 | 156.9 | 37.14 | 152.1 | 35.90 | 142.1 | 33.85 |
|        | 5                 | 4.1      | 173.2                     | 36.39 | 162.8 | 34.90 | 152.4 | 33.65 | 146.9 | 32.05 | 142.1 | 30.92 | 131.8 | 29.00 |
|        | 7                 | 6        | 162.8                     | 31.46 | 152.8 | 30.00 | 142.1 | 28.77 | 136.6 | 27.35 | 131.7 | 26.44 | 121.4 | 24.59 |
|        | 9                 | 7.9      | 152.5                     | 25.92 | 142.1 | 24.61 | 131.7 | 23.46 | 125.8 | 22.30 | 121.0 | 21.46 | 110.3 | 19.87 |
|        | 11                | 9.8      | 141.7                     | 21.81 | 131.4 | 20.65 | 120.6 | 19.64 | 115.1 | 18.59 | 109.9 | 17.84 | 99.20 | 16.39 |
|        | 13                | 11.8     | 130.6                     | 18.37 | 120.2 | 17.29 | 109.2 | 16.36 | 103.6 | 15.45 | 98.40 | 14.80 | 87.70 | 13.51 |
|        | 15                | 13.7     | 119.2                     | 15.44 | 108.4 | 14.48 | 97.60 | 13.65 | 91.80 | 12.83 | 86.60 | 12.25 | 75.50 | 11.14 |
| 60     | -30               | -30.2    | 88.80                     | 67.46 | 88.80 | 67.92 | 88.00 | 76.17 | 85.10 | 72.14 | 82.20 | 68.40 | 77.00 | 65.08 |
|        | -24.8             | -25      | 147.7                     | 68.45 | 147.7 | 68.91 | 139.1 | 66.08 | 134.7 | 62.67 | 129.9 | 59.47 | 121.7 | 56.48 |
|        | -21.8             | -22      | 156.9                     | 68.41 | 148.4 | 65.93 | 139.1 | 62.54 | 134.7 | 59.35 | 129.9 | 56.36 | 121.7 | 53.45 |
|        | -19.8             | -20      | 156.9                     | 65.84 | 148.4 | 63.44 | 139.1 | 60.18 | 134.7 | 57.13 | 129.9 | 54.26 | 121.7 | 51.45 |
|        | -18.8             | -19      | 156.9                     | 64.58 | 148.4 | 62.21 | 139.1 | 59.03 | 134.7 | 56.06 | 129.9 | 53.23 | 121.7 | 50.43 |
|        | -16.7             | -17      | 156.9                     | 61.94 | 148.4 | 59.59 | 139.1 | 56.53 | 134.7 | 53.73 | 129.9 | 51.07 | 121.7 | 48.35 |
|        | -15               | -15.9    | 156.9                     | 60.08 | 148.4 | 57.72 | 139.1 | 54.78 | 134.7 | 52.09 | 129.9 | 49.51 | 121.7 | 46.85 |
|        | -13.7             | -15      | 156.9                     | 58.22 | 148.4 | 55.90 | 139.1 | 53.03 | 134.7 | 50.45 | 129.9 | 47.97 | 121.7 | 45.36 |
|        | -11.8             | -13      | 156.9                     | 55.86 | 148.4 | 53.54 | 139.1 | 50.82 | 134.7 | 48.37 | 129.9 | 46.01 | 121.7 | 43.47 |
|        | -9.8              | -11      | 156.9                     | 53.35 | 148.4 | 51.07 | 139.1 | 48.51 | 134.7 | 46.19 | 129.9 | 43.97 | 121.7 | 41.49 |
|        | -9.5              | -10      | 156.9                     | 52.99 | 148.4 | 50.70 | 139.1 | 48.18 | 134.7 | 45.86 | 129.9 | 43.65 | 121.7 | 41.20 |
|        | -8.5              | -9.1     | 156.9                     | 51.75 | 148.4 | 49.50 | 139.1 | 47.02 | 134.7 | 44.80 | 129.9 | 42.65 | 121.7 | 40.22 |
|        | -7                | -7.6     | 156.9                     | 49.93 | 148.4 | 47.68 | 139.1 | 45.27 | 134.7 | 43.16 | 129.9 | 41.12 | 121.7 | 38.73 |
|        | -5                | -5.6     | 156.9                     | 47.50 | 148.4 | 45.28 | 139.1 | 43.06 | 134.7 | 41.05 | 129.9 | 39.14 | 121.7 | 36.84 |
|        | -3                | -3.7     | 156.9                     | 45.13 | 148.4 | 42.92 | 139.1 | 40.81 | 134.7 | 38.95 | 129.9 | 37.14 | 121.7 | 34.91 |
|        | 0                 | -0.7     | 156.9                     | 41.51 | 148.4 | 39.33 | 139.1 | 37.43 | 134.7 | 35.79 | 129.9 | 34.19 | 121.7 | 32.04 |
|        | 3                 | 2.2      | 156.9                     | 37.92 | 148.4 | 35.77 | 139.1 | 34.06 | 134.7 | 32.64 | 129.9 | 31.22 | 121.7 | 29.17 |
|        | 5                 | 4.1      | 148.4                     | 32.81 | 139.9 | 30.77 | 130.6 | 29.21 | 126.2 | 27.97 | 121.4 | 26.73 | 112.8 | 24.81 |
|        | 7                 | 6        | 139.9                     | 28.12 | 131.3 | 26.16 | 121.7 | 24.78 | 117.3 | 23.72 | 112.5 | 22.64 | 103.9 | 20.88 |
|        | 9                 | 7.9      | 131.0                     | 22.95 | 122.1 | 21.28 | 112.8 | 20.05 | 108.1 | 19.17 | 103.3 | 18.27 | 94.70 | 16.74 |
|        | 11                | 9.8      | 121.7                     | 19.47 | 112.9 | 17.99 | 103.2 | 16.90 | 98.80 | 16.13 | 93.70 | 15.34 | 85.10 | 13.97 |
|        | 13                | 11.8     | 112.1                     | 16.47 | 103.2 | 15.17 | 93.60 | 14.23 | 88.80 | 13.53 | 84.00 | 12.82 | 75.10 | 11.63 |
|        | 15                | 13.7     | 102.5                     | 13.98 | 93.30 | 12.83 | 83.60 | 11.96 | 78.80 | 11.35 | 74.00 | 10.77 | 64.70 | 9.69  |
| 50     | -30               | -30.2    | 82.90                     | 58.43 | 78.10 | 65.75 | 73.30 | 62.29 | 71.00 | 59.04 | 68.50 | 55.94 | 64.00 | 53.18 |
|        | -24.8             | -25      | 131.0                     | 56.36 | 123.6 | 57.02 | 116.1 | 54.03 | 112.4 | 51.25 | 108.4 | 48.63 | 101.0 | 46.15 |
|        | -21.8             | -22      | 131.0                     | 56.90 | 123.6 | 53.94 | 116.1 | 51.13 | 112.4 | 48.51 | 108.4 | 46.06 | 101.0 | 43.66 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 131.0                     | 54.74 | 123.6 | 51.86 | 116.1 | 49.20 | 112.4 | 46.68 | 108.4 | 44.34 | 101.0 | 42.01 |
|        | -18.8             | -19      | 131.0                     | 53.68 | 123.6 | 50.83 | 116.1 | 48.28 | 112.4 | 45.77 | 108.4 | 43.50 | 101.0 | 41.24 |
|        | -16.7             | -17      | 131.0                     | 51.44 | 123.6 | 48.70 | 116.1 | 46.23 | 112.4 | 43.83 | 108.4 | 41.71 | 101.0 | 39.52 |
|        | -15               | -15.9    | 131.0                     | 49.83 | 123.6 | 47.14 | 116.1 | 44.80 | 112.4 | 42.47 | 108.4 | 40.43 | 101.0 | 38.28 |
|        | -13.7             | -15      | 131.0                     | 48.23 | 123.6 | 45.60 | 116.1 | 43.35 | 112.4 | 41.12 | 108.4 | 39.18 | 101.0 | 37.07 |
|        | -11.8             | -13      | 131.0                     | 46.18 | 123.6 | 43.70 | 116.1 | 41.58 | 112.4 | 39.43 | 108.4 | 37.58 | 101.0 | 35.53 |
|        | -9.8              | -11      | 131.0                     | 44.09 | 123.6 | 41.66 | 116.1 | 39.65 | 112.4 | 37.61 | 108.4 | 35.89 | 101.0 | 33.93 |
|        | -9.5              | -10      | 131.0                     | 43.77 | 123.6 | 41.36 | 116.1 | 39.36 | 112.4 | 37.35 | 108.4 | 35.67 | 101.0 | 33.67 |
|        | -8.5              | -9.1     | 131.0                     | 42.74 | 123.6 | 40.33 | 116.1 | 38.44 | 112.4 | 36.47 | 108.4 | 34.83 | 101.0 | 32.86 |
|        | -7                | -7.6     | 131.0                     | 41.11 | 123.6 | 38.83 | 116.1 | 37.02 | 112.4 | 35.12 | 108.4 | 33.56 | 101.0 | 31.66 |
|        | -5                | -5.6     | 131.0                     | 39.06 | 123.6 | 36.87 | 116.1 | 35.19 | 112.4 | 33.40 | 108.4 | 31.95 | 101.0 | 30.10 |
|        | -3                | -3.7     | 131.0                     | 37.05 | 123.6 | 34.90 | 116.1 | 33.33 | 112.4 | 31.62 | 108.4 | 30.31 | 101.0 | 28.53 |
|        | 0                 | -0.7     | 131.0                     | 33.96 | 123.6 | 31.92 | 116.1 | 30.57 | 112.4 | 29.03 | 108.4 | 27.90 | 101.0 | 26.19 |
|        | 3                 | 2.2      | 131.0                     | 30.87 | 123.6 | 29.00 | 116.1 | 27.83 | 112.4 | 26.41 | 108.4 | 25.47 | 101.0 | 23.86 |
|        | 5                 | 4.1      | 124.0                     | 26.70 | 116.6 | 24.96 | 109.1 | 23.93 | 105.4 | 22.66 | 101.3 | 21.90 | 93.60 | 20.37 |
|        | 7                 | 6        | 116.9                     | 22.88 | 109.2 | 21.29 | 101.7 | 20.38 | 98.00 | 19.29 | 93.90 | 18.63 | 86.20 | 17.25 |
|        | 9                 | 7.9      | 109.2                     | 18.99 | 101.8 | 17.62 | 93.90 | 16.81 | 90.20 | 15.87 | 86.20 | 15.30 | 78.40 | 14.10 |
|        | 11                | 9.8      | 101.7                     | 16.24 | 94.00 | 15.01 | 86.20 | 14.28 | 82.40 | 13.46 | 78.40 | 12.95 | 70.60 | 11.86 |
|        | 13                | 11.8     | 93.60                     | 13.86 | 85.90 | 12.78 | 78.00 | 12.13 | 74.30 | 11.41 | 70.30 | 10.94 | 62.20 | 9.99  |
|        | 15                | 13.7     | 85.50                     | 11.89 | 77.70 | 10.95 | 69.90 | 10.33 | 65.80 | 9.69  | 61.80 | 9.29  | 53.60 | 8.43  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM760LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 94.20                     | 80.36 | 94.20 | 80.89 | 93.50 | 81.36 | 93.50 | 82.03 | 93.50 | 82.71 | 92.00 | 83.70 |
|        | -24.8             | -25      | 156.8                     | 81.86 | 156.8 | 82.38 | 155.7 | 82.82 | 155.7 | 83.52 | 155.7 | 84.16 | 153.6 | 85.15 |
|        | -21.8             | -22      | 191.0                     | 82.72 | 191.0 | 83.22 | 189.9 | 83.69 | 189.9 | 84.36 | 189.9 | 84.98 | 186.9 | 86.02 |
|        | -19.8             | -20      | 201.8                     | 83.28 | 201.8 | 83.79 | 200.4 | 84.23 | 200.4 | 84.89 | 200.4 | 85.54 | 197.4 | 86.55 |
|        | -18.8             | -19      | 206.2                     | 83.53 | 206.2 | 84.06 | 205.1 | 84.50 | 205.1 | 85.16 | 205.1 | 85.81 | 201.8 | 86.82 |
|        | -16.7             | -17      | 215.6                     | 84.14 | 215.6 | 84.65 | 214.5 | 85.09 | 214.5 | 85.74 | 214.5 | 86.36 | 211.2 | 87.40 |
|        | -15               | -15.9    | 222.4                     | 84.52 | 222.4 | 85.03 | 221.2 | 85.47 | 221.2 | 86.12 | 221.2 | 86.77 | 217.9 | 85.72 |
|        | -13.7             | -15      | 229.4                     | 84.97 | 229.4 | 85.45 | 228.1 | 85.89 | 228.1 | 86.54 | 228.1 | 87.22 | 224.5 | 84.08 |
|        | -11.8             | -13      | 237.0                     | 85.46 | 237.0 | 85.97 | 235.2 | 86.44 | 235.2 | 87.09 | 235.2 | 84.98 | 232.5 | 81.98 |
|        | -9.8              | -11      | 244.8                     | 86.03 | 244.8 | 86.52 | 243.6 | 86.96 | 243.6 | 84.77 | 243.6 | 82.69 | 240.9 | 79.80 |
|        | -9.5              | -10      | 246.6                     | 86.10 | 246.6 | 86.58 | 245.0 | 86.59 | 245.0 | 84.42 | 244.7 | 82.35 | 242.0 | 79.49 |
|        | -8.5              | -9.1     | 252.6                     | 86.38 | 252.6 | 86.87 | 250.8 | 85.42 | 250.8 | 83.25 | 248.3 | 81.19 | 246.5 | 78.38 |
|        | -7                | -7.6     | 261.5                     | 86.78 | 261.5 | 85.18 | 259.6 | 83.67 | 259.6 | 81.50 | 259.6 | 79.48 | 254.3 | 76.74 |
|        | -5                | -5.6     | 273.0                     | 84.74 | 273.0 | 83.03 | 271.3 | 81.47 | 271.3 | 79.35 | 271.1 | 77.23 | 262.7 | 74.60 |
|        | -3                | -3.7     | 283.8                     | 82.43 | 283.8 | 80.62 | 282.4 | 79.05 | 280.8 | 76.52 | 278.6 | 73.95 | 269.3 | 71.94 |
|        | 0                 | -0.7     | 294.9                     | 77.87 | 294.9 | 75.95 | 293.5 | 74.24 | 291.9 | 72.12 | 289.7 | 70.17 | 270.2 | 65.83 |
|        | 3                 | 2.2      | 306.3                     | 74.81 | 306.3 | 72.74 | 304.6 | 70.90 | 300.9 | 68.43 | 290.3 | 64.67 | 270.2 | 62.23 |
|        | 5                 | 4.1      | 292.9                     | 65.55 | 291.8 | 63.28 | 289.5 | 61.48 | 281.9 | 58.45 | 271.0 | 56.01 | 250.8 | 53.95 |
|        | 7                 | 6        | 275.8                     | 56.47 | 273.6 | 54.20 | 270.1 | 52.22 | 262.1 | 50.10 | 251.2 | 48.34 | 230.7 | 46.28 |
|        | 9                 | 7.9      | 258.0                     | 49.38 | 254.6 | 47.17 | 250.0 | 45.09 | 241.6 | 43.39 | 230.7 | 41.71 | 210.1 | 39.63 |
| 120    | 11                | 9.8      | 240.1                     | 43.39 | 235.2 | 41.17 | 229.1 | 39.14 | 220.4 | 37.50 | 209.7 | 35.91 | 188.5 | 33.81 |
|        | 13                | 11.8     | 221.2                     | 37.61 | 215.1 | 35.51 | 207.5 | 33.46 | 198.7 | 31.97 | 187.7 | 30.45 | 166.5 | 28.36 |
|        | 15                | 13.7     | 201.8                     | 32.19 | 194.2 | 30.14 | 185.4 | 28.17 | 176.2 | 26.79 | 164.9 | 25.39 | 143.6 | 23.35 |
|        | -30               | -30.2    | 93.50                     | 80.89 | 93.50 | 81.36 | 92.70 | 82.03 | 92.70 | 82.71 | 92.70 | 83.70 | 91.20 | 84.48 |
|        | -24.8             | -25      | 155.7                     | 82.38 | 155.7 | 82.82 | 154.6 | 83.52 | 154.6 | 84.16 | 154.6 | 85.15 | 152.2 | 85.89 |
|        | -21.8             | -22      | 189.9                     | 83.22 | 189.9 | 83.69 | 188.5 | 84.36 | 188.5 | 84.98 | 188.5 | 86.02 | 185.8 | 86.70 |
|        | -19.8             | -20      | 200.4                     | 83.79 | 200.4 | 84.23 | 199.1 | 84.89 | 199.1 | 85.54 | 199.1 | 86.55 | 195.8 | 87.24 |
|        | -18.8             | -19      | 205.0                     | 84.06 | 205.0 | 84.50 | 203.5 | 85.16 | 203.5 | 85.81 | 203.5 | 86.82 | 200.5 | 87.53 |
|        | -16.7             | -17      | 214.4                     | 84.65 | 214.4 | 85.09 | 213.0 | 85.74 | 213.0 | 86.36 | 213.0 | 87.40 | 209.7 | 85.36 |
|        | -15               | -15.9    | 221.1                     | 85.03 | 221.1 | 85.47 | 219.6 | 86.12 | 219.6 | 86.77 | 219.6 | 85.79 | 216.3 | 83.83 |
|        | -13.7             | -15      | 227.5                     | 85.45 | 227.5 | 85.89 | 226.3 | 86.54 | 226.3 | 87.22 | 226.3 | 84.20 | 223.0 | 82.33 |
|        | -11.8             | -13      | 235.2                     | 85.97 | 235.2 | 86.44 | 233.7 | 87.09 | 233.7 | 84.97 | 233.7 | 82.24 | 231.0 | 80.38 |
|        | -9.8              | -11      | 242.9                     | 86.52 | 242.9 | 86.96 | 241.3 | 84.66 | 241.3 | 82.65 | 241.3 | 80.14 | 239.2 | 78.39 |
|        | -9.5              | -10      | 245.0                     | 86.58 | 245.0 | 86.58 | 243.2 | 84.31 | 243.2 | 82.31 | 243.2 | 79.80 | 240.8 | 78.08 |
|        | -8.5              | -9.1     | 250.5                     | 86.87 | 250.5 | 85.30 | 249.2 | 83.10 | 249.2 | 81.15 | 248.7 | 78.77 | 246.0 | 77.05 |
|        | -7                | -7.6     | 259.3                     | 85.01 | 259.3 | 83.39 | 257.8 | 81.30 | 257.8 | 79.41 | 255.6 | 77.20 | 250.8 | 75.15 |
|        | -5                | -5.6     | 271.3                     | 82.62 | 271.3 | 80.98 | 269.1 | 78.97 | 267.6 | 76.76 | 265.7 | 74.30 | 253.8 | 71.52 |
|        | -3                | -3.7     | 281.8                     | 80.00 | 281.1 | 78.18 | 277.4 | 75.72 | 275.4 | 73.51 | 273.2 | 71.54 | 253.8 | 67.42 |
|        | 0                 | -0.7     | 292.9                     | 74.97 | 292.2 | 73.24 | 288.2 | 71.56 | 282.0 | 68.97 | 273.2 | 65.95 | 253.8 | 64.59 |
|        | 3                 | 2.2      | 304.3                     | 71.43 | 303.6 | 69.70 | 291.8 | 66.45 | 282.0 | 64.09 | 273.2 | 63.11 | 253.8 | 61.90 |
|        | 5                 | 4.1      | 290.7                     | 62.29 | 286.2 | 59.90 | 273.9 | 57.35 | 264.1 | 56.10 | 255.0 | 55.25 | 235.6 | 53.89 |
|        | 7                 | 6        | 273.6                     | 53.32 | 268.3 | 51.27 | 255.4 | 49.78 | 245.5 | 48.59 | 236.4 | 47.85 | 216.6 | 46.40 |
|        | 9                 | 7.9      | 256.1                     | 46.64 | 250.0 | 44.77 | 236.3 | 43.24 | 226.5 | 42.06 | 217.3 | 41.26 | 197.2 | 39.72 |
|        | 11                | 9.8      | 238.2                     | 40.92 | 231.0 | 39.05 | 216.6 | 37.45 | 206.7 | 36.31 | 197.2 | 35.50 | 177.1 | 33.90 |
|        | 13                | 11.8     | 219.6                     | 35.45 | 211.2 | 33.66 | 196.4 | 32.06 | 186.2 | 30.92 | 176.7 | 30.12 | 156.5 | 28.45 |
|        | 15                | 13.7     | 200.2                     | 30.30 | 190.7 | 28.56 | 175.2 | 27.00 | 165.0 | 25.94 | 155.4 | 25.11 | 134.9 | 23.45 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 93.00                     | 81.36 | 93.00 | 82.03 | 92.40 | 82.71 | 92.40 | 83.70 | 92.40 | 84.48 | 90.90 | 84.74 |
|        | -24.8             | -25      | 154.9                     | 82.82 | 154.9 | 83.52 | 153.8 | 84.16 | 153.8 | 85.15 | 153.8 | 85.89 | 151.4 | 86.22 |
|        | -21.8             | -22      | 188.5                     | 83.69 | 188.5 | 84.36 | 187.4 | 84.98 | 187.4 | 86.02 | 187.4 | 86.70 | 184.7 | 87.05 |
|        | -19.8             | -20      | 199.2                     | 84.23 | 199.2 | 84.89 | 198.0 | 85.54 | 198.0 | 86.55 | 198.0 | 87.24 | 194.7 | 87.58 |
|        | -18.8             | -19      | 203.5                     | 84.50 | 203.5 | 85.16 | 202.4 | 85.81 | 202.4 | 86.82 | 202.4 | 87.53 | 199.4 | 86.44 |
|        | -16.7             | -17      | 213.3                     | 85.09 | 213.3 | 85.74 | 211.6 | 86.36 | 211.6 | 87.40 | 211.6 | 88.20 | 208.6 | 84.05 |
|        | -15               | -15.9    | 219.7                     | 85.47 | 219.7 | 86.12 | 218.2 | 86.77 | 218.2 | 87.64 | 218.2 | 88.55 | 216.7 | 82.33 |
|        | -13.7             | -15      | 226.4                     | 85.89 | 226.4 | 86.54 | 224.9 | 87.22 | 224.9 | 88.08 | 224.9 | 88.91 | 224.9 | 80.65 |
|        | -11.8             | -13      | 233.7                     | 86.44 | 233.7 | 87.09 | 232.6 | 87.75 | 232.6 | 88.70 | 232.6 | 89.79 | 228.4 | 77.08 |
|        | -9.8              | -11      | 241.8                     | 86.96 | 241.8 | 87.35 | 240.2 | 88.19 | 240.2 | 89.37 | 240.2 | 90.61 | 228.4 | 72.87 |
|        | -9.5              | -10      | 243.2                     | 86.51 | 243.2 | 86.93 | 242.1 | 87.80 | 242.1 | 88.05 | 242.1 | 88.27 | 228.4 | 71.87 |
|        | -8.5              | -9.1     | 249.2                     | 85.06 | 249.2 | 82.56 | 247.7 | 80.53 | 247.7 | 77.88 | 244.7 | 75.37 | 228.4 | 70.31 |
|        | -7                | -7.6     | 258.1                     | 82.85 | 258.1 | 80.50 | 255.2 | 78.19 | 253.1 | 75.13 | 244.7 | 71.59 | 228.4 | 68.56 |
|        | -5                | -5.6     | 269.5                     | 80.04 | 267.2 | 77.26 | 261.8 | 74.49 | 253.1 | 70.18 | 244.7 | 68.21 | 228.4 | 66.54 |
|        | -3                | -3.7     | 278.1                     | 76.44 | 274.7 | 73.64 | 261.8 | 69.94 | 253.1 | 67.28 | 244.7 | 66.00 | 228.4 | 64.54 |
|        | 0                 | -0.7     | 288.9                     | 71.34 | 278.9 | 68.09 | 261.8 | 65.71 | 253.1 | 64.17 | 244.7 | 63.07 | 228.4 | 61.50 |
|        | 3                 | 2.2      | 295.2                     | 66.12 | 278.9 | 63.24 | 261.8 | 62.26 | 253.1 | 61.12 | 244.7 | 60.17 | 228.4 | 58.53 |
|        | 5                 | 4.1      | 279.6                     | 56.61 | 262.9 | 55.42 | 245.8 | 54.46 | 237.1 | 53.44 | 228.4 | 52.56 | 212.0 | 50.72 |
|        | 7                 | 6        | 263.3                     | 49.23 | 246.6 | 48.10 | 229.1 | 47.15 | 220.4 | 46.32 | 211.7 | 45.47 | 195.0 | 43.52 |
|        | 9                 | 7.9      | 246.5                     | 43.07 | 229.5 | 41.89 | 212.0 | 40.81 | 203.3 | 39.97 | 194.5 | 39.13 | 177.5 | 37.15 |
|        | 11                | 9.8      | 229.1                     | 37.66 | 212.0 | 36.44 | 194.5 | 35.29 | 185.5 | 34.43 | 176.7 | 33.58 | 159.6 | 31.64 |
|        | 13                | 11.8     | 211.2                     | 32.54 | 194.1 | 31.29 | 176.3 | 30.11 | 167.2 | 29.27 | 158.4 | 28.43 | 140.6 | 26.53 |
|        | 15                | 13.7     | 192.6                     | 27.71 | 175.2 | 26.49 | 157.3 | 25.28 | 148.2 | 24.52 | 139.1 | 23.66 | 121.2 | 21.84 |
| 100    | -30               | -30.2    | 92.40                     | 92.04 | 92.40 | 91.71 | 91.90 | 79.92 | 91.90 | 90.72 | 91.90 | 88.48 | 90.40 | 90.15 |
|        | -24.8             | -25      | 154.1                     | 90.73 | 154.1 | 90.38 | 153.3 | 84.21 | 153.3 | 89.42 | 153.3 | 89.06 | 150.6 | 88.85 |
|        | -21.8             | -22      | 187.7                     | 89.99 | 187.7 | 89.59 | 186.6 | 86.68 | 186.6 | 88.69 | 186.6 | 89.38 | 183.9 | 88.12 |
|        | -19.8             | -20      | 198.4                     | 89.46 | 198.4 | 89.09 | 197.0 | 88.22 | 197.0 | 88.16 | 197.0 | 88.15 | 194.0 | 87.58 |
|        | -18.8             | -19      | 202.8                     | 89.20 | 201.6 | 88.86 | 201.6 | 88.48 | 201.6 | 87.90 | 201.6 | 87.53 | 198.6 | 86.20 |
|        | -16.7             | -17      | 210.7                     | 88.71 | 210.7 | 88.31 | 210.7 | 89.04 | 209.6 | 87.40 | 209.6 | 84.66 | 206.6 | 83.27 |
|        | -15               | -15.9    | 218.2                     | 88.29 | 218.2 | 87.92 | 217.4 | 88.11 | 217.0 | 85.33 | 217.0 | 82.58 | 208.6 | 79.28 |
|        | -13.7             | -15      | 225.3                     | 87.91 | 225.3 | 87.57 | 224.1 | 87.22 | 224.1 | 83.26 | 224.1 | 80.55 | 208.6 | 74.79 |
|        | -11.8             | -13      | 232.6                     | 87.47 | 231.4 | 87.09 | 231.4 | 84.47 | 231.4 | 80.65 | 224.2 | 75.54 | 208.6 | 71.72 |
|        | -9.8              | -11      | 240.5                     | 86.96 | 240.5 | 84.03 | 239.4 | 81.59 | 231.8 | 75.42 | 224.2 | 71.22 | 208.6 | 69.07 |
|        | -9.5              | -10      | 242.1                     | 86.47 | 242.1 | 83.55 | 239.4 | 80.57 | 231.8 | 74.52 | 224.2 | 70.63 | 208.6 | 68.69 |
|        | -8.5              | -9.1     | 248.0                     | 84.90 | 248.0 | 82.04 | 239.4 | 77.30 | 231.8 | 71.35 | 224.2 | 68.89 | 208.6 | 67.37 |
|        | -7                | -7.6     | 260.3                     | 82.34 | 254.6 | 78.16 | 239.4 | 72.67 | 231.8 | 69.42 | 224.2 | 66.99 | 208.6 | 65.44 |
|        | -5                | -5.6     | 269.3                     | 78.56 | 254.6 | 72.57 | 239.4 | 70.11 | 231.8 | 66.97 | 224.2 | 64.57 | 208.6 | 62.98 |
|        | -3                | -3.7     | 270.2                     | 73.73 | 254.6 | 69.30 | 239.4 | 67.55 | 231.8 | 64.52 | 224.2 | 62.13 | 208.6 | 60.49 |
|        | 0                 | -0.7     | 270.2                     | 67.35 | 254.6 | 65.16 | 239.4 | 63.64 | 231.8 | 60.83 | 224.2 | 58.48 | 208.6 | 56.75 |
|        | 3                 | 2.2      | 270.2                     | 63.05 | 254.6 | 61.06 | 239.4 | 59.77 | 231.8 | 57.14 | 224.2 | 54.84 | 208.6 | 53.02 |
|        | 5                 | 4.1      | 255.8                     | 55.16 | 240.1 | 53.21 | 224.6 | 51.95 | 217.0 | 49.58 | 209.4 | 47.40 | 193.4 | 45.42 |
|        | 7                 | 6        | 240.9                     | 47.78 | 225.0 | 45.94 | 209.7 | 44.72 | 201.8 | 42.58 | 194.2 | 40.55 | 178.2 | 38.50 |
|        | 9                 | 7.9      | 225.4                     | 41.64 | 209.7 | 39.87 | 193.8 | 38.61 | 186.2 | 36.63 | 178.2 | 34.77 | 162.2 | 32.79 |
|        | 11                | 9.8      | 209.8                     | 36.29 | 193.8 | 34.52 | 177.8 | 33.26 | 169.9 | 31.44 | 161.9 | 29.74 | 145.5 | 27.83 |
|        | 13                | 11.8     | 193.1                     | 31.23 | 177.1 | 29.56 | 161.1 | 28.28 | 153.1 | 26.65 | 145.1 | 25.09 | 128.4 | 23.28 |
|        | 15                | 13.7     | 176.3                     | 26.50 | 160.0 | 24.94 | 143.7 | 23.67 | 135.7 | 22.27 | 127.6 | 20.84 | 110.9 | 19.18 |
| 90     | -30               | -30.2    | 92.30                     | 79.90 | 92.30 | 80.86 | 91.60 | 81.58 | 91.60 | 81.90 | 91.60 | 82.66 | 90.10 | 91.62 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 153.7                     | 81.33 | 153.7 | 82.35 | 152.6 | 83.07 | 152.6 | 83.38 | 152.6 | 84.08 | 150.2 | 85.10 |
|        | -21.8             | -22      | 187.0                     | 82.14 | 187.0 | 83.19 | 185.8 | 83.91 | 185.8 | 84.22 | 185.8 | 84.92 | 183.1 | 81.34 |
|        | -19.8             | -20      | 197.7                     | 82.75 | 197.7 | 83.73 | 196.2 | 84.47 | 196.2 | 84.79 | 196.2 | 82.38 | 190.8 | 77.82 |
|        | -18.8             | -19      | 202.8                     | 83.01 | 201.6 | 84.02 | 200.9 | 84.71 | 200.9 | 83.47 | 200.9 | 81.09 | 190.8 | 74.91 |
|        | -16.7             | -17      | 210.7                     | 83.60 | 210.7 | 84.58 | 209.9 | 82.03 | 209.9 | 80.74 | 205.5 | 76.80 | 190.8 | 70.73 |
|        | -15               | -15.9    | 218.2                     | 83.99 | 218.2 | 82.61 | 216.6 | 80.13 | 212.4 | 77.28 | 205.5 | 73.53 | 190.8 | 68.80 |
|        | -13.7             | -15      | 225.3                     | 84.41 | 225.3 | 80.62 | 218.9 | 76.67 | 212.4 | 73.13 | 205.5 | 70.40 | 190.8 | 66.89 |
|        | -11.8             | -13      | 232.6                     | 81.73 | 231.4 | 78.12 | 218.9 | 71.97 | 212.4 | 70.19 | 205.5 | 67.78 | 190.8 | 64.68 |
|        | -9.8              | -11      | 240.5                     | 78.90 | 232.6 | 73.00 | 218.9 | 69.07 | 212.4 | 67.36 | 205.5 | 65.45 | 190.8 | 62.39 |
|        | -9.5              | -10      | 242.1                     | 78.46 | 232.6 | 72.12 | 218.9 | 68.50 | 212.4 | 66.99 | 205.5 | 65.10 | 190.8 | 62.05 |
|        | -8.5              | -9.1     | 246.8                     | 76.68 | 232.6 | 69.75 | 218.9 | 67.18 | 212.4 | 65.82 | 205.5 | 63.91 | 190.8 | 60.90 |
|        | -7                | -7.6     | 247.4                     | 71.06 | 232.6 | 67.37 | 218.9 | 65.39 | 212.4 | 64.03 | 205.5 | 62.15 | 190.8 | 59.17 |
|        | -5                | -5.6     | 247.4                     | 67.73 | 232.6 | 65.04 | 218.9 | 63.12 | 212.4 | 61.69 | 205.5 | 59.92 | 190.8 | 56.99 |
|        | -3                | -3.7     | 247.4                     | 65.21 | 232.6 | 62.67 | 218.9 | 60.86 | 212.4 | 59.38 | 205.5 | 57.65 | 190.8 | 54.77 |
|        | 0                 | -0.7     | 247.4                     | 61.40 | 232.6 | 59.11 | 218.9 | 57.48 | 212.4 | 55.92 | 205.5 | 54.29 | 190.8 | 51.48 |
|        | 3                 | 2.2      | 247.4                     | 57.59 | 232.6 | 55.61 | 218.9 | 54.07 | 212.4 | 52.46 | 205.5 | 50.90 | 190.8 | 48.16 |
|        | 5                 | 4.1      | 234.1                     | 50.51 | 219.3 | 48.67 | 205.6 | 47.16 | 198.8 | 45.56 | 191.8 | 44.07 | 177.1 | 41.40 |
|        | 7                 | 6        | 220.4                     | 43.90 | 205.6 | 42.25 | 191.6 | 40.73 | 185.0 | 39.17 | 177.8 | 37.82 | 163.0 | 35.27 |
|        | 9                 | 7.9      | 206.4                     | 37.93 | 191.5 | 36.33 | 177.5 | 34.88 | 170.6 | 33.41 | 163.3 | 32.14 | 148.2 | 29.78 |
|        | 11                | 9.8      | 191.9                     | 32.42 | 176.8 | 30.92 | 162.6 | 29.51 | 155.8 | 28.22 | 148.5 | 27.04 | 133.1 | 24.87 |
|        | 13                | 11.8     | 177.1                     | 27.43 | 161.9 | 26.02 | 147.4 | 24.69 | 140.2 | 23.51 | 132.9 | 22.48 | 117.5 | 20.47 |
|        | 15                | 13.7     | 161.5                     | 22.89 | 146.0 | 21.59 | 131.5 | 20.34 | 124.3 | 19.31 | 117.0 | 18.37 | 101.5 | 16.62 |
| 80     | -30               | -30.2    | 91.60                     | 70.28 | 91.60 | 71.33 | 91.20 | 72.12 | 91.20 | 71.19 | 91.20 | 81.38 | 89.70 | 78.01 |
|        | -24.8             | -25      | 153.0                     | 71.81 | 153.0 | 72.86 | 151.9 | 73.58 | 151.9 | 73.90 | 151.9 | 75.62 | 149.5 | 72.48 |
|        | -21.8             | -22      | 185.0                     | 72.69 | 185.0 | 73.71 | 185.0 | 74.43 | 185.0 | 75.45 | 182.6 | 71.41 | 170.6 | 65.70 |
|        | -19.8             | -20      | 195.5                     | 73.27 | 195.5 | 74.29 | 195.2 | 75.20 | 190.0 | 71.07 | 183.2 | 66.64 | 170.6 | 62.97 |
|        | -18.8             | -19      | 200.1                     | 73.57 | 200.1 | 75.28 | 196.1 | 72.71 | 190.0 | 68.59 | 183.2 | 65.29 | 170.6 | 62.01 |
|        | -16.7             | -17      | 206.9                     | 75.18 | 206.9 | 72.85 | 196.1 | 68.01 | 190.0 | 65.51 | 183.2 | 62.58 | 170.6 | 59.95 |
|        | -15               | -15.9    | 212.7                     | 73.37 | 208.6 | 70.43 | 196.1 | 65.96 | 190.0 | 63.72 | 183.2 | 61.04 | 170.6 | 58.45 |
|        | -13.7             | -15      | 217.0                     | 71.12 | 208.6 | 67.51 | 196.1 | 63.97 | 190.0 | 61.97 | 183.2 | 59.53 | 170.6 | 56.98 |
|        | -11.8             | -13      | 221.5                     | 68.51 | 208.6 | 64.44 | 196.1 | 61.90 | 190.0 | 59.98 | 183.2 | 57.58 | 170.6 | 55.14 |
|        | -9.8              | -11      | 221.5                     | 64.56 | 208.6 | 61.52 | 196.1 | 59.76 | 190.0 | 57.81 | 183.2 | 55.55 | 170.6 | 53.18 |
|        | -9.5              | -10      | 221.5                     | 63.77 | 208.6 | 60.82 | 196.1 | 59.42 | 190.0 | 57.50 | 183.2 | 55.25 | 170.6 | 52.88 |
|        | -8.5              | -9.1     | 221.5                     | 62.05 | 208.6 | 59.51 | 196.1 | 58.34 | 190.0 | 56.43 | 183.2 | 54.24 | 170.6 | 51.94 |
|        | -7                | -7.6     | 221.5                     | 59.70 | 208.6 | 57.87 | 196.1 | 56.73 | 190.0 | 54.81 | 183.2 | 52.74 | 170.6 | 50.44 |
|        | -5                | -5.6     | 221.5                     | 57.56 | 208.6 | 55.85 | 196.1 | 54.65 | 190.0 | 52.79 | 183.2 | 50.77 | 170.6 | 48.60 |
|        | -3                | -3.7     | 221.5                     | 55.43 | 208.6 | 53.78 | 196.1 | 52.60 | 190.0 | 50.71 | 183.2 | 48.83 | 170.6 | 46.71 |
|        | 0                 | -0.7     | 221.5                     | 52.24 | 208.6 | 50.70 | 196.1 | 49.48 | 190.0 | 47.66 | 183.2 | 45.91 | 170.6 | 43.90 |
|        | 3                 | 2.2      | 221.5                     | 49.05 | 208.6 | 47.61 | 196.1 | 46.36 | 190.0 | 44.56 | 183.2 | 43.04 | 170.6 | 41.13 |
|        | 5                 | 4.1      | 209.7                     | 43.12 | 196.8 | 41.70 | 184.0 | 40.40 | 177.9 | 38.69 | 171.0 | 37.32 | 158.4 | 35.42 |
|        | 7                 | 6        | 197.5                     | 37.58 | 184.3 | 36.21 | 171.8 | 34.87 | 165.3 | 33.26 | 158.5 | 32.01 | 145.6 | 30.25 |
|        | 9                 | 7.9      | 185.0                     | 32.03 | 171.7 | 30.75 | 158.9 | 29.45 | 152.4 | 28.03 | 145.6 | 26.90 | 132.6 | 25.25 |
|        | 11                | 9.8      | 171.8                     | 26.78 | 158.8 | 25.60 | 145.6 | 24.42 | 139.1 | 23.13 | 132.3 | 22.15 | 119.0 | 20.63 |
|        | 13                | 11.8     | 158.4                     | 22.35 | 145.1 | 21.25 | 131.9 | 20.16 | 125.4 | 19.05 | 118.6 | 18.19 | 105.2 | 16.79 |
|        | 15                | 13.7     | 144.4                     | 18.65 | 131.1 | 17.64 | 117.8 | 16.62 | 111.3 | 15.68 | 104.1 | 14.89 | 90.50 | 13.65 |
| 70     | -30               | -30.2    | 91.60                     | 70.19 | 91.60 | 70.60 | 91.20 | 71.28 | 91.20 | 80.00 | 91.20 | 76.20 | 89.70 | 72.79 |
|        | -24.8             | -25      | 153.0                     | 71.73 | 153.0 | 72.07 | 151.9 | 72.77 | 151.9 | 73.76 | 151.9 | 70.36 | 145.9 | 65.51 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 177.8                     | 72.61 | 177.1 | 72.50 | 166.8 | 69.46 | 161.1 | 65.83 | 156.2 | 62.82 | 145.9 | 59.91 |
|        | -19.8             | -20      | 187.7                     | 71.49 | 177.4 | 69.36 | 166.8 | 66.69 | 161.1 | 63.60 | 156.2 | 60.75 | 145.9 | 57.88 |
|        | -18.8             | -19      | 187.7                     | 69.80 | 177.4 | 67.83 | 166.8 | 65.53 | 161.1 | 62.47 | 156.2 | 59.68 | 145.9 | 56.86 |
|        | -16.7             | -17      | 187.7                     | 66.52 | 177.4 | 65.19 | 166.8 | 63.07 | 161.1 | 60.15 | 156.2 | 57.49 | 145.9 | 54.73 |
|        | -15               | -15.9    | 187.7                     | 64.67 | 177.4 | 63.40 | 166.8 | 61.31 | 161.1 | 58.46 | 156.2 | 55.92 | 145.9 | 53.23 |
|        | -13.7             | -15      | 187.7                     | 62.84 | 177.4 | 61.60 | 166.8 | 59.59 | 161.1 | 56.82 | 156.2 | 54.39 | 145.9 | 51.73 |
|        | -11.8             | -13      | 187.7                     | 60.57 | 177.4 | 59.33 | 166.8 | 57.38 | 161.1 | 54.72 | 156.2 | 52.41 | 145.9 | 49.81 |
|        | -9.8              | -11      | 187.7                     | 58.25 | 177.4 | 56.91 | 166.8 | 55.06 | 161.1 | 52.51 | 156.2 | 50.34 | 145.9 | 47.82 |
|        | -9.5              | -10      | 187.7                     | 57.89 | 177.4 | 56.57 | 166.8 | 54.70 | 161.1 | 52.18 | 156.2 | 50.04 | 145.9 | 47.52 |
|        | -8.5              | -9.1     | 187.7                     | 56.69 | 177.4 | 55.37 | 166.8 | 53.57 | 161.1 | 51.10 | 156.2 | 49.00 | 145.9 | 46.54 |
|        | -7                | -7.6     | 187.7                     | 54.94 | 177.4 | 53.62 | 166.8 | 51.86 | 161.1 | 49.45 | 156.2 | 47.46 | 145.9 | 45.02 |
|        | -5                | -5.6     | 187.7                     | 52.68 | 177.4 | 51.29 | 166.8 | 49.59 | 161.1 | 47.33 | 156.2 | 45.49 | 145.9 | 43.14 |
|        | -3                | -3.7     | 187.7                     | 50.42 | 177.4 | 49.02 | 166.8 | 47.39 | 161.1 | 45.21 | 156.2 | 43.48 | 145.9 | 41.20 |
|        | 0                 | -0.7     | 187.7                     | 47.01 | 177.4 | 45.57 | 166.8 | 44.05 | 161.1 | 42.04 | 156.2 | 40.50 | 145.9 | 38.32 |
|        | 3                 | 2.2      | 187.7                     | 43.60 | 177.4 | 42.12 | 166.8 | 40.71 | 161.1 | 38.85 | 156.2 | 37.55 | 145.9 | 35.42 |
|        | 5                 | 4.1      | 177.8                     | 38.07 | 167.2 | 36.52 | 156.5 | 35.20 | 150.8 | 33.52 | 145.9 | 32.36 | 135.3 | 30.34 |
|        | 7                 | 6        | 167.2                     | 32.93 | 156.9 | 31.41 | 145.9 | 30.12 | 140.2 | 28.62 | 135.3 | 27.66 | 124.6 | 25.72 |
|        | 9                 | 7.9      | 156.6                     | 27.10 | 145.9 | 25.72 | 135.2 | 24.52 | 129.2 | 23.29 | 124.3 | 22.41 | 113.3 | 20.74 |
|        | 11                | 9.8      | 145.6                     | 22.77 | 134.9 | 21.55 | 123.9 | 20.49 | 118.1 | 19.38 | 112.9 | 18.59 | 101.8 | 17.08 |
|        | 13                | 11.8     | 134.1                     | 19.14 | 123.4 | 18.01 | 112.1 | 17.03 | 106.4 | 16.08 | 101.1 | 15.39 | 90.00 | 14.05 |
|        | 15                | 13.7     | 122.4                     | 16.06 | 111.3 | 15.05 | 100.3 | 14.18 | 94.20 | 13.32 | 88.90 | 12.71 | 77.50 | 11.54 |
| 60     | -30               | -30.2    | 90.70                     | 69.43 | 90.70 | 70.10 | 90.00 | 79.41 | 87.60 | 75.27 | 85.20 | 71.43 | 80.00 | 68.01 |
|        | -24.8             | -25      | 150.9                     | 70.96 | 150.9 | 71.64 | 142.9 | 69.33 | 138.3 | 65.33 | 133.4 | 61.59 | 125.0 | 58.41 |
|        | -21.8             | -22      | 161.1                     | 70.81 | 152.4 | 68.03 | 142.9 | 64.58 | 138.3 | 61.33 | 133.4 | 58.28 | 125.0 | 55.32 |
|        | -19.8             | -20      | 161.1                     | 67.94 | 152.4 | 65.50 | 142.9 | 62.17 | 138.3 | 59.06 | 133.4 | 56.13 | 125.0 | 53.27 |
|        | -18.8             | -19      | 161.1                     | 66.64 | 152.4 | 64.23 | 142.9 | 61.01 | 138.3 | 57.98 | 133.4 | 55.08 | 125.0 | 52.22 |
|        | -16.7             | -17      | 161.1                     | 63.98 | 152.4 | 61.57 | 142.9 | 58.46 | 138.3 | 55.60 | 133.4 | 52.88 | 125.0 | 50.09 |
|        | -15               | -15.9    | 161.1                     | 62.08 | 152.4 | 59.68 | 142.9 | 56.67 | 138.3 | 53.92 | 133.4 | 51.29 | 125.0 | 48.56 |
|        | -13.7             | -15      | 161.1                     | 60.20 | 152.4 | 57.82 | 142.9 | 54.89 | 138.3 | 52.25 | 133.4 | 49.73 | 125.0 | 47.04 |
|        | -11.8             | -13      | 161.1                     | 57.80 | 152.4 | 55.42 | 142.9 | 52.64 | 138.3 | 50.13 | 133.4 | 47.72 | 125.0 | 45.10 |
|        | -9.8              | -11      | 161.1                     | 55.25 | 152.4 | 52.91 | 142.9 | 50.29 | 138.3 | 47.91 | 133.4 | 45.64 | 125.0 | 43.09 |
|        | -9.5              | -10      | 161.1                     | 54.88 | 152.4 | 52.54 | 142.9 | 49.96 | 138.3 | 47.58 | 133.4 | 45.30 | 125.0 | 42.78 |
|        | -8.5              | -9.1     | 161.1                     | 53.63 | 152.4 | 51.31 | 142.9 | 48.77 | 138.3 | 46.50 | 133.4 | 44.29 | 125.0 | 41.78 |
|        | -7                | -7.6     | 161.1                     | 51.78 | 152.4 | 49.46 | 142.9 | 47.00 | 138.3 | 44.82 | 133.4 | 42.73 | 125.0 | 40.26 |
|        | -5                | -5.6     | 161.1                     | 49.32 | 152.4 | 47.02 | 142.9 | 44.73 | 138.3 | 42.68 | 133.4 | 40.70 | 125.0 | 38.33 |
|        | -3                | -3.7     | 161.1                     | 46.92 | 152.4 | 44.62 | 142.9 | 42.45 | 138.3 | 40.54 | 133.4 | 38.67 | 125.0 | 36.36 |
|        | 0                 | -0.7     | 161.1                     | 43.25 | 152.4 | 40.98 | 142.9 | 39.02 | 138.3 | 37.32 | 133.4 | 35.67 | 125.0 | 33.43 |
|        | 3                 | 2.2      | 161.1                     | 39.61 | 152.4 | 37.37 | 142.9 | 35.58 | 138.3 | 34.11 | 133.4 | 32.63 | 125.0 | 30.50 |
|        | 5                 | 4.1      | 152.4                     | 34.31 | 143.7 | 32.17 | 134.2 | 30.54 | 129.5 | 29.24 | 124.6 | 27.96 | 115.9 | 25.94 |
|        | 7                 | 6        | 143.6                     | 29.44 | 134.9 | 27.38 | 125.1 | 25.93 | 120.4 | 24.82 | 115.5 | 23.68 | 106.8 | 21.84 |
|        | 9                 | 7.9      | 134.5                     | 23.98 | 125.4 | 22.24 | 115.9 | 20.95 | 111.0 | 20.03 | 106.0 | 19.08 | 97.20 | 17.49 |
|        | 11                | 9.8      | 125.0                     | 20.32 | 115.9 | 18.77 | 106.1 | 17.62 | 101.4 | 16.83 | 96.20 | 15.99 | 87.40 | 14.55 |
|        | 13                | 11.8     | 115.1                     | 17.16 | 106.0 | 15.79 | 96.20 | 14.81 | 91.20 | 14.08 | 86.30 | 13.33 | 77.10 | 12.08 |
|        | 15                | 13.7     | 105.2                     | 14.54 | 95.80 | 13.33 | 85.90 | 12.42 | 80.90 | 11.78 | 76.00 | 11.17 | 66.50 | 10.05 |
| 50     | -30               | -30.2    | 86.10                     | 60.61 | 81.20 | 69.04 | 76.20 | 65.43 | 73.90 | 62.10 | 71.20 | 58.80 | 66.60 | 55.96 |
|        | -24.8             | -25      | 134.5                     | 58.28 | 126.9 | 59.21 | 119.3 | 56.13 | 115.5 | 53.27 | 111.4 | 50.55 | 103.8 | 48.00 |
|        | -21.8             | -22      | 134.5                     | 59.08 | 126.9 | 56.03 | 119.3 | 53.15 | 115.5 | 50.43 | 111.4 | 47.91 | 103.8 | 45.43 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 134.5                     | 56.85 | 126.9 | 53.89 | 119.3 | 51.14 | 115.5 | 48.55 | 111.4 | 46.14 | 103.8 | 43.73 |
|        | -18.8             | -19      | 134.5                     | 55.77 | 126.9 | 52.83 | 119.3 | 50.20 | 115.5 | 47.60 | 111.4 | 45.26 | 103.8 | 42.93 |
|        | -16.7             | -17      | 134.5                     | 53.46 | 126.9 | 50.64 | 119.3 | 48.09 | 115.5 | 45.61 | 111.4 | 43.42 | 103.8 | 41.15 |
|        | -15               | -15.9    | 134.5                     | 51.80 | 126.9 | 49.03 | 119.3 | 46.61 | 115.5 | 44.21 | 111.4 | 42.10 | 103.8 | 39.86 |
|        | -13.7             | -15      | 134.5                     | 50.15 | 126.9 | 47.45 | 119.3 | 45.11 | 115.5 | 42.81 | 111.4 | 40.81 | 103.8 | 38.62 |
|        | -11.8             | -13      | 134.5                     | 48.05 | 126.9 | 45.48 | 119.3 | 43.29 | 115.5 | 41.07 | 111.4 | 39.16 | 103.8 | 37.03 |
|        | -9.8              | -11      | 134.5                     | 45.90 | 126.9 | 43.38 | 119.3 | 41.30 | 115.5 | 39.19 | 111.4 | 37.42 | 103.8 | 35.37 |
|        | -9.5              | -10      | 134.5                     | 45.57 | 126.9 | 43.07 | 119.3 | 41.00 | 115.5 | 38.93 | 111.4 | 37.18 | 103.8 | 35.11 |
|        | -8.5              | -9.1     | 134.5                     | 44.50 | 126.9 | 42.01 | 119.3 | 40.05 | 115.5 | 38.01 | 111.4 | 36.32 | 103.8 | 34.27 |
|        | -7                | -7.6     | 134.5                     | 42.82 | 126.9 | 40.47 | 119.3 | 38.59 | 115.5 | 36.62 | 111.4 | 35.01 | 103.8 | 33.03 |
|        | -5                | -5.6     | 134.5                     | 40.72 | 126.9 | 38.45 | 119.3 | 36.70 | 115.5 | 34.85 | 111.4 | 33.34 | 103.8 | 31.42 |
|        | -3                | -3.7     | 134.5                     | 38.66 | 126.9 | 36.42 | 119.3 | 34.80 | 115.5 | 33.02 | 111.4 | 31.65 | 103.8 | 29.80 |
|        | 0                 | -0.7     | 134.5                     | 35.47 | 126.9 | 33.35 | 119.3 | 31.95 | 115.5 | 30.34 | 111.4 | 29.17 | 103.8 | 27.39 |
|        | 3                 | 2.2      | 134.5                     | 32.30 | 126.9 | 30.34 | 119.3 | 29.12 | 115.5 | 27.64 | 111.4 | 26.65 | 103.8 | 24.98 |
|        | 5                 | 4.1      | 127.3                     | 27.94 | 119.7 | 26.12 | 112.1 | 25.05 | 108.3 | 23.72 | 104.1 | 22.91 | 96.20 | 21.32 |
|        | 7                 | 6        | 120.0                     | 23.95 | 112.1 | 22.27 | 104.5 | 21.32 | 100.7 | 20.18 | 96.50 | 19.49 | 88.60 | 18.04 |
|        | 9                 | 7.9      | 112.1                     | 19.85 | 104.5 | 18.41 | 96.50 | 17.56 | 92.70 | 16.58 | 88.60 | 15.97 | 80.60 | 14.72 |
|        | 11                | 9.8      | 104.5                     | 16.95 | 96.50 | 15.66 | 88.50 | 14.90 | 84.70 | 14.03 | 80.60 | 13.50 | 72.60 | 12.36 |
|        | 13                | 11.8     | 96.10                     | 14.44 | 88.20 | 13.31 | 80.20 | 12.63 | 76.30 | 11.87 | 72.20 | 11.38 | 63.90 | 10.39 |
|        | 15                | 13.7     | 87.80                     | 12.36 | 79.80 | 11.37 | 71.80 | 10.73 | 67.60 | 10.06 | 63.50 | 9.64  | 55.10 | 8.74  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM780LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 98.60                     | 83.20 | 98.60 | 83.52 | 97.80 | 83.83 | 97.80 | 84.26 | 97.80 | 84.75 | 95.90 | 85.34 |
|        | -24.8             | -25      | 164.1                     | 84.09 | 164.1 | 84.41 | 162.9 | 84.70 | 162.9 | 85.15 | 162.9 | 85.58 | 160.1 | 86.21 |
|        | -21.8             | -22      | 198.4                     | 84.59 | 198.4 | 84.92 | 197.2 | 85.23 | 197.2 | 85.66 | 197.2 | 86.05 | 193.3 | 86.74 |
|        | -19.8             | -20      | 208.8                     | 84.94 | 208.8 | 85.26 | 207.3 | 85.54 | 207.3 | 85.98 | 207.3 | 86.39 | 203.3 | 87.05 |
|        | -18.8             | -19      | 213.0                     | 85.06 | 213.0 | 85.42 | 211.8 | 85.70 | 211.8 | 86.13 | 211.8 | 86.55 | 207.6 | 87.21 |
|        | -16.7             | -17      | 222.2                     | 85.45 | 222.2 | 85.77 | 220.9 | 86.05 | 220.9 | 86.48 | 220.9 | 86.87 | 216.7 | 87.56 |
|        | -15               | -15.9    | 228.8                     | 85.66 | 228.8 | 85.99 | 227.4 | 86.27 | 227.4 | 86.70 | 227.4 | 87.12 | 223.2 | 85.81 |
|        | -13.7             | -15      | 235.6                     | 85.94 | 235.6 | 86.24 | 234.3 | 86.52 | 234.3 | 86.95 | 234.3 | 87.40 | 229.7 | 84.10 |
|        | -11.8             | -13      | 243.3                     | 86.22 | 243.3 | 86.54 | 241.5 | 86.85 | 241.5 | 87.29 | 241.5 | 85.05 | 237.7 | 81.91 |
|        | -9.8              | -11      | 251.2                     | 86.56 | 251.2 | 86.89 | 249.9 | 87.17 | 249.9 | 84.84 | 249.9 | 82.66 | 246.2 | 79.65 |
|        | -9.5              | -10      | 252.7                     | 86.62 | 252.7 | 86.91 | 251.2 | 86.78 | 251.2 | 84.47 | 251.1 | 82.30 | 247.4 | 79.32 |
|        | -8.5              | -9.1     | 257.7                     | 86.77 | 257.7 | 87.10 | 255.9 | 85.53 | 255.9 | 83.25 | 254.7 | 81.10 | 251.9 | 78.18 |
|        | -7                | -7.6     | 265.1                     | 87.02 | 265.1 | 85.27 | 263.3 | 83.67 | 263.3 | 81.40 | 263.3 | 79.30 | 258.4 | 76.46 |
|        | -5                | -5.6     | 274.6                     | 84.77 | 274.6 | 82.96 | 273.0 | 81.33 | 273.0 | 79.10 | 273.0 | 76.98 | 266.8 | 74.31 |
|        | -3                | -3.7     | 284.4                     | 82.51 | 284.4 | 80.61 | 282.7 | 78.91 | 282.7 | 76.74 | 282.7 | 74.67 | 275.3 | 72.13 |
|        | 0                 | -0.7     | 298.8                     | 79.18 | 298.8 | 77.18 | 297.2 | 75.33 | 297.2 | 73.25 | 297.2 | 71.23 | 277.3 | 66.23 |
|        | 3                 | 2.2      | 313.7                     | 75.82 | 313.7 | 73.69 | 311.7 | 71.80 | 308.8 | 69.11 | 298.0 | 64.82 | 277.3 | 62.25 |
|        | 5                 | 4.1      | 300.7                     | 65.99 | 299.5 | 63.69 | 297.2 | 61.91 | 289.3 | 58.52 | 278.1 | 55.96 | 257.4 | 53.90 |
|        | 7                 | 6        | 283.1                     | 56.33 | 280.8 | 54.08 | 277.3 | 52.14 | 269.0 | 49.95 | 257.8 | 48.20 | 236.7 | 46.15 |
|        | 9                 | 7.9      | 264.9                     | 49.12 | 261.3 | 46.90 | 256.6 | 44.85 | 248.0 | 43.15 | 236.8 | 41.48 | 215.6 | 39.43 |
| 120    | 11                | 9.8      | 246.5                     | 43.04 | 241.4 | 40.84 | 235.2 | 38.83 | 226.2 | 37.22 | 215.3 | 35.64 | 193.5 | 33.56 |
|        | 13                | 11.8     | 227.0                     | 37.21 | 220.8 | 35.13 | 213.0 | 33.10 | 203.9 | 31.63 | 192.7 | 30.14 | 170.8 | 28.07 |
|        | 15                | 13.7     | 207.1                     | 31.75 | 199.3 | 29.73 | 190.3 | 27.79 | 180.9 | 26.44 | 169.3 | 25.06 | 147.4 | 23.05 |
|        | -30               | -30.2    | 97.80                     | 83.52 | 97.80 | 83.83 | 97.10 | 84.26 | 97.10 | 84.75 | 97.10 | 85.34 | 95.10 | 85.87 |
|        | -24.8             | -25      | 162.9                     | 84.41 | 162.9 | 84.70 | 161.8 | 85.15 | 161.8 | 85.58 | 161.8 | 86.21 | 158.6 | 86.70 |
|        | -21.8             | -22      | 197.2                     | 84.92 | 197.2 | 85.23 | 195.7 | 85.66 | 195.7 | 86.05 | 195.7 | 86.74 | 192.1 | 87.17 |
|        | -19.8             | -20      | 207.2                     | 85.26 | 207.2 | 85.54 | 205.9 | 85.98 | 205.9 | 86.39 | 205.9 | 87.05 | 201.8 | 87.48 |
|        | -18.8             | -19      | 211.7                     | 85.42 | 211.7 | 85.70 | 210.2 | 86.13 | 210.2 | 86.55 | 210.2 | 87.21 | 206.4 | 87.67 |
|        | -16.7             | -17      | 220.9                     | 85.77 | 220.9 | 86.05 | 219.4 | 86.48 | 219.4 | 86.87 | 219.4 | 87.56 | 215.1 | 85.41 |
|        | -15               | -15.9    | 227.4                     | 85.99 | 227.4 | 86.27 | 225.9 | 86.70 | 225.9 | 87.12 | 225.9 | 85.89 | 221.6 | 83.82 |
|        | -13.7             | -15      | 233.7                     | 86.24 | 233.7 | 86.52 | 232.4 | 86.95 | 232.4 | 87.40 | 232.4 | 84.22 | 228.1 | 82.27 |
|        | -11.8             | -13      | 241.5                     | 86.54 | 241.5 | 86.85 | 239.8 | 87.29 | 239.8 | 85.05 | 239.8 | 82.18 | 236.2 | 80.24 |
|        | -9.8              | -11      | 249.2                     | 86.89 | 249.2 | 87.17 | 247.7 | 84.73 | 247.7 | 82.62 | 247.7 | 79.98 | 244.6 | 78.17 |
|        | -9.5              | -10      | 251.1                     | 86.91 | 251.1 | 86.77 | 249.2 | 84.36 | 249.2 | 82.26 | 249.2 | 79.63 | 245.8 | 77.85 |
|        | -8.5              | -9.1     | 255.5                     | 87.10 | 255.5 | 85.41 | 254.3 | 83.08 | 254.3 | 81.05 | 254.1 | 78.56 | 250.3 | 76.79 |
|        | -7                | -7.6     | 262.9                     | 85.12 | 262.9 | 83.41 | 261.3 | 81.21 | 261.3 | 79.23 | 260.9 | 76.92 | 256.2 | 75.19 |
|        | -5                | -5.6     | 272.9                     | 82.54 | 272.9 | 80.83 | 270.8 | 78.73 | 270.8 | 76.87 | 270.8 | 74.84 | 260.5 | 71.93 |
|        | -3                | -3.7     | 282.4                     | 80.00 | 282.4 | 78.30 | 280.8 | 76.32 | 280.8 | 74.56 | 280.4 | 72.71 | 260.5 | 67.79 |
|        | 0                 | -0.7     | 296.9                     | 76.20 | 296.9 | 74.44 | 295.0 | 72.68 | 289.4 | 69.71 | 280.4 | 66.15 | 260.5 | 64.77 |
| 110    | 3                 | 2.2      | 311.7                     | 72.36 | 311.6 | 70.57 | 299.5 | 66.80 | 289.4 | 64.15 | 280.4 | 63.13 | 260.5 | 61.90 |
|        | 5                 | 4.1      | 298.3                     | 62.69 | 293.7 | 60.13 | 281.2 | 57.31 | 271.0 | 56.04 | 261.7 | 55.19 | 241.8 | 53.81 |
|        | 7                 | 6        | 280.8                     | 53.20 | 275.4 | 51.12 | 262.1 | 49.63 | 252.0 | 48.44 | 242.6 | 47.72 | 222.3 | 46.27 |
|        | 9                 | 7.9      | 262.9                     | 46.39 | 256.6 | 44.53 | 242.6 | 43.01 | 232.4 | 41.84 | 223.0 | 41.05 | 202.4 | 39.52 |
|        | 11                | 9.8      | 244.5                     | 40.60 | 237.1 | 38.76 | 222.3 | 37.18 | 212.2 | 36.04 | 202.4 | 35.24 | 181.8 | 33.65 |
|        | 13                | 11.8     | 225.4                     | 35.09 | 216.8 | 33.32 | 201.6 | 31.74 | 191.1 | 30.62 | 181.3 | 29.82 | 160.6 | 28.18 |
|        | 15                | 13.7     | 205.5                     | 29.91 | 195.8 | 28.19 | 179.8 | 26.66 | 169.3 | 25.61 | 159.5 | 24.79 | 138.4 | 23.16 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 97.40                     | 83.83 | 97.40 | 84.26 | 96.60 | 84.75 | 96.60 | 85.34 | 96.60 | 85.87 | 94.70 | 86.00 |
|        | -24.8             | -25      | 162.1                     | 84.70 | 162.1 | 85.15 | 161.0 | 85.58 | 161.0 | 86.21 | 161.0 | 86.70 | 157.8 | 86.89 |
|        | -21.8             | -22      | 195.8                     | 85.23 | 195.8 | 85.66 | 194.5 | 86.05 | 194.5 | 86.74 | 194.5 | 87.17 | 191.0 | 87.40 |
|        | -19.8             | -20      | 206.1                     | 85.54 | 206.1 | 85.98 | 204.8 | 86.39 | 204.8 | 87.05 | 204.8 | 87.48 | 200.6 | 87.72 |
|        | -18.8             | -19      | 210.3                     | 85.70 | 210.3 | 86.13 | 209.1 | 86.55 | 209.1 | 87.21 | 209.1 | 87.67 | 205.1 | 86.53 |
|        | -16.7             | -17      | 219.7                     | 86.05 | 219.7 | 86.48 | 217.9 | 86.87 | 217.9 | 87.56 | 217.9 | 85.25 | 213.9 | 84.07 |
|        | -15               | -15.9    | 225.9                     | 86.27 | 225.9 | 86.70 | 224.4 | 87.12 | 224.4 | 85.73 | 224.4 | 83.55 | 222.4 | 82.30 |
|        | -13.7             | -15      | 232.4                     | 86.52 | 232.4 | 86.95 | 230.9 | 87.40 | 230.9 | 83.91 | 230.9 | 81.84 | 230.9 | 80.56 |
|        | -11.8             | -13      | 239.9                     | 86.85 | 239.9 | 87.29 | 238.6 | 84.82 | 238.6 | 81.64 | 238.6 | 79.67 | 234.4 | 76.94 |
|        | -9.8              | -11      | 248.0                     | 87.17 | 248.0 | 84.43 | 246.5 | 82.16 | 246.5 | 79.23 | 246.5 | 77.40 | 234.4 | 72.88 |
|        | -9.5              | -10      | 249.2                     | 86.70 | 249.2 | 83.99 | 248.0 | 81.77 | 248.0 | 78.90 | 248.0 | 77.05 | 234.4 | 71.84 |
|        | -8.5              | -9.1     | 254.3                     | 85.18 | 254.3 | 82.56 | 252.8 | 80.45 | 252.8 | 77.67 | 251.1 | 75.43 | 234.4 | 70.73 |
|        | -7                | -7.6     | 261.7                     | 82.87 | 261.7 | 80.41 | 260.1 | 78.43 | 259.8 | 75.80 | 251.1 | 71.70 | 234.4 | 69.10 |
|        | -5                | -5.6     | 271.1                     | 79.92 | 271.1 | 77.70 | 268.7 | 75.69 | 259.8 | 70.95 | 251.1 | 68.40 | 234.4 | 66.97 |
|        | -3                | -3.7     | 280.8                     | 76.96 | 280.8 | 74.95 | 268.7 | 70.61 | 259.8 | 67.66 | 251.1 | 66.33 | 234.4 | 64.87 |
|        | 0                 | -0.7     | 295.0                     | 72.54 | 286.3 | 68.73 | 268.7 | 65.98 | 259.8 | 64.38 | 251.1 | 63.25 | 234.4 | 61.68 |
|        | 3                 | 2.2      | 303.0                     | 66.65 | 286.3 | 63.34 | 268.7 | 62.32 | 259.8 | 61.15 | 251.1 | 60.18 | 234.4 | 58.54 |
|        | 5                 | 4.1      | 287.0                     | 56.58 | 269.9 | 55.38 | 252.3 | 54.40 | 243.4 | 53.38 | 234.4 | 52.48 | 217.6 | 50.65 |
|        | 7                 | 6        | 270.2                     | 49.08 | 253.1 | 47.96 | 235.2 | 47.01 | 226.2 | 46.18 | 217.2 | 45.34 | 200.1 | 43.40 |
|        | 9                 | 7.9      | 253.0                     | 42.85 | 235.6 | 41.67 | 217.6 | 40.61 | 208.7 | 39.78 | 199.6 | 38.94 | 182.1 | 36.97 |
|        | 11                | 9.8      | 235.1                     | 37.39 | 217.7 | 36.17 | 199.7 | 35.03 | 190.4 | 34.18 | 181.3 | 33.34 | 163.8 | 31.41 |
|        | 13                | 11.8     | 216.8                     | 32.22 | 199.3 | 30.98 | 180.9 | 29.81 | 171.6 | 28.99 | 162.5 | 28.16 | 144.3 | 26.28 |
|        | 15                | 13.7     | 197.7                     | 27.36 | 179.8 | 26.16 | 161.4 | 24.97 | 152.1 | 24.21 | 142.7 | 23.37 | 124.4 | 21.58 |
| 100    | -30               | -30.2    | 96.60                     | 93.18 | 96.60 | 92.77 | 96.20 | 80.34 | 96.20 | 91.50 | 96.20 | 89.40 | 94.30 | 90.76 |
|        | -24.8             | -25      | 161.3                     | 91.63 | 161.3 | 91.18 | 160.5 | 84.70 | 160.5 | 89.95 | 160.5 | 89.48 | 157.0 | 89.21 |
|        | -21.8             | -22      | 194.9                     | 90.76 | 194.9 | 90.25 | 193.7 | 87.20 | 193.7 | 89.08 | 193.7 | 89.51 | 190.2 | 88.34 |
|        | -19.8             | -20      | 205.2                     | 90.14 | 205.2 | 89.66 | 203.7 | 88.74 | 203.7 | 88.45 | 203.7 | 88.29 | 199.9 | 87.72 |
|        | -18.8             | -19      | 209.5                     | 89.83 | 208.3 | 89.38 | 208.3 | 88.89 | 208.3 | 88.14 | 208.3 | 87.67 | 204.3 | 86.29 |
|        | -16.7             | -17      | 217.1                     | 89.23 | 217.1 | 88.72 | 217.1 | 89.21 | 216.0 | 87.56 | 216.0 | 84.72 | 212.0 | 83.31 |
|        | -15               | -15.9    | 224.4                     | 88.75 | 224.4 | 88.27 | 223.6 | 88.29 | 223.2 | 85.42 | 223.2 | 82.60 | 214.1 | 79.44 |
|        | -13.7             | -15      | 231.3                     | 88.30 | 231.3 | 87.85 | 230.1 | 87.40 | 230.1 | 83.29 | 230.1 | 80.51 | 214.1 | 75.01 |
|        | -11.8             | -13      | 238.7                     | 87.77 | 237.5 | 87.29 | 237.5 | 84.55 | 237.5 | 80.61 | 230.1 | 75.44 | 214.1 | 72.43 |
|        | -9.8              | -11      | 246.8                     | 87.17 | 246.8 | 84.12 | 245.7 | 81.58 | 237.9 | 75.31 | 230.1 | 71.26 | 214.1 | 69.75 |
|        | -9.5              | -10      | 248.0                     | 86.66 | 248.0 | 83.61 | 245.7 | 80.68 | 237.9 | 74.52 | 230.1 | 70.87 | 214.1 | 69.35 |
|        | -8.5              | -9.1     | 253.1                     | 85.03 | 253.1 | 82.06 | 245.7 | 77.70 | 237.9 | 72.07 | 230.1 | 69.53 | 214.1 | 67.99 |
|        | -7                | -7.6     | 264.4                     | 82.52 | 261.3 | 79.05 | 245.7 | 73.43 | 237.9 | 70.07 | 230.1 | 67.57 | 214.1 | 65.98 |
|        | -5                | -5.6     | 276.2                     | 79.35 | 261.3 | 73.26 | 245.7 | 70.73 | 237.9 | 67.49 | 230.1 | 65.04 | 214.1 | 63.42 |
|        | -3                | -3.7     | 277.3                     | 74.38 | 261.3 | 69.84 | 245.7 | 68.03 | 237.9 | 64.92 | 230.1 | 62.49 | 214.1 | 60.83 |
|        | 0                 | -0.7     | 277.3                     | 67.74 | 261.3 | 65.48 | 245.7 | 63.92 | 237.9 | 61.05 | 230.1 | 58.66 | 214.1 | 56.94 |
|        | 3                 | 2.2      | 277.3                     | 63.18 | 261.3 | 61.15 | 245.7 | 59.84 | 237.9 | 57.19 | 230.1 | 54.88 | 214.1 | 53.04 |
|        | 5                 | 4.1      | 262.5                     | 55.13 | 246.5 | 53.18 | 230.5 | 51.91 | 222.7 | 49.53 | 214.9 | 47.35 | 198.5 | 45.37 |
|        | 7                 | 6        | 247.3                     | 47.65 | 230.9 | 45.81 | 215.2 | 44.59 | 207.1 | 42.46 | 199.3 | 40.44 | 182.9 | 38.39 |
|        | 9                 | 7.9      | 231.3                     | 41.35 | 215.2 | 39.60 | 198.9 | 38.36 | 191.1 | 36.39 | 182.9 | 34.54 | 166.5 | 32.58 |
|        | 11                | 9.8      | 215.3                     | 35.90 | 198.9 | 34.14 | 182.5 | 32.90 | 174.3 | 31.11 | 166.1 | 29.41 | 149.4 | 27.54 |
|        | 13                | 11.8     | 198.2                     | 30.75 | 181.7 | 29.10 | 165.4 | 27.84 | 157.2 | 26.24 | 148.9 | 24.72 | 131.8 | 22.93 |
|        | 15                | 13.7     | 180.9                     | 25.95 | 164.2 | 24.43 | 147.5 | 23.18 | 139.2 | 21.81 | 131.0 | 20.41 | 113.8 | 18.79 |
| 90     | -30               | -30.2    | 96.60                     | 81.93 | 96.60 | 82.53 | 95.90 | 83.00 | 95.90 | 83.20 | 95.90 | 83.72 | 93.90 | 91.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 160.9                     | 82.77 | 160.9 | 83.43 | 159.8 | 83.89 | 159.8 | 84.10 | 159.8 | 84.55 | 156.6 | 85.21 |
|        | -21.8             | -22      | 194.1                     | 83.24 | 194.1 | 83.93 | 192.9 | 84.40 | 192.9 | 84.60 | 192.9 | 85.06 | 189.4 | 81.38 |
|        | -19.8             | -20      | 204.4                     | 83.62 | 204.4 | 84.24 | 202.9 | 84.74 | 202.9 | 84.94 | 202.9 | 82.45 | 195.8 | 77.49 |
|        | -18.8             | -19      | 209.5                     | 83.78 | 208.3 | 84.43 | 207.5 | 84.87 | 207.5 | 83.59 | 207.5 | 81.14 | 195.8 | 74.73 |
|        | -16.7             | -17      | 217.1                     | 84.13 | 217.1 | 84.76 | 216.3 | 82.11 | 216.3 | 80.79 | 211.0 | 76.53 | 195.8 | 71.14 |
|        | -15               | -15.9    | 224.4                     | 84.35 | 224.4 | 82.73 | 222.8 | 80.16 | 218.0 | 77.12 | 211.0 | 73.61 | 195.8 | 69.35 |
|        | -13.7             | -15      | 231.3                     | 84.60 | 231.3 | 80.67 | 224.7 | 76.63 | 218.0 | 73.06 | 211.0 | 70.78 | 195.8 | 67.57 |
|        | -11.8             | -13      | 238.7                     | 81.83 | 237.5 | 78.10 | 224.7 | 71.89 | 218.0 | 70.54 | 211.0 | 68.46 | 195.8 | 65.29 |
|        | -9.8              | -11      | 246.8                     | 78.91 | 238.7 | 72.91 | 224.7 | 69.40 | 218.0 | 68.02 | 211.0 | 66.04 | 195.8 | 62.93 |
|        | -9.5              | -10      | 248.0                     | 78.45 | 238.7 | 72.14 | 224.7 | 69.02 | 218.0 | 67.64 | 211.0 | 65.69 | 195.8 | 62.58 |
|        | -8.5              | -9.1     | 253.1                     | 77.01 | 238.7 | 70.02 | 224.7 | 67.81 | 218.0 | 66.42 | 211.0 | 64.46 | 195.8 | 61.38 |
|        | -7                | -7.6     | 253.9                     | 71.80 | 238.7 | 67.99 | 224.7 | 65.95 | 218.0 | 64.56 | 211.0 | 62.64 | 195.8 | 59.60 |
|        | -5                | -5.6     | 253.9                     | 68.33 | 238.7 | 65.54 | 224.7 | 63.58 | 218.0 | 62.12 | 211.0 | 60.30 | 195.8 | 57.34 |
|        | -3                | -3.7     | 253.9                     | 65.68 | 238.7 | 63.06 | 224.7 | 61.21 | 218.0 | 59.71 | 211.0 | 57.94 | 195.8 | 55.02 |
|        | 0                 | -0.7     | 253.9                     | 61.66 | 238.7 | 59.33 | 224.7 | 57.66 | 218.0 | 56.10 | 211.0 | 54.45 | 195.8 | 51.60 |
|        | 3                 | 2.2      | 253.9                     | 57.66 | 238.7 | 55.65 | 224.7 | 54.09 | 218.0 | 52.48 | 211.0 | 50.92 | 195.8 | 48.17 |
|        | 5                 | 4.1      | 240.3                     | 50.47 | 225.1 | 48.63 | 211.0 | 47.10 | 204.0 | 45.50 | 197.0 | 44.01 | 181.7 | 41.35 |
|        | 7                 | 6        | 226.2                     | 43.76 | 211.0 | 42.12 | 196.6 | 40.61 | 189.9 | 39.05 | 182.5 | 37.71 | 167.3 | 35.16 |
|        | 9                 | 7.9      | 211.8                     | 37.75 | 196.6 | 36.16 | 182.1 | 34.72 | 175.1 | 33.25 | 167.7 | 31.99 | 152.1 | 29.64 |
|        | 11                | 9.8      | 197.0                     | 32.19 | 181.4 | 30.71 | 166.9 | 29.31 | 159.9 | 28.02 | 152.5 | 26.86 | 136.6 | 24.70 |
|        | 13                | 11.8     | 181.7                     | 27.17 | 166.1 | 25.77 | 151.3 | 24.46 | 143.9 | 23.29 | 136.5 | 22.27 | 120.5 | 20.28 |
|        | 15                | 13.7     | 165.7                     | 22.61 | 149.8 | 21.33 | 135.0 | 20.10 | 127.5 | 19.08 | 120.1 | 18.15 | 104.1 | 16.43 |
| 80     | -30               | -30.2    | 95.90                     | 72.31 | 95.90 | 73.00 | 95.40 | 73.53 | 95.40 | 72.92 | 95.40 | 81.57 | 93.50 | 78.11 |
|        | -24.8             | -25      | 160.1                     | 73.24 | 160.1 | 73.93 | 158.9 | 74.40 | 158.9 | 74.60 | 158.9 | 75.72 | 155.8 | 72.50 |
|        | -21.8             | -22      | 192.2                     | 73.78 | 192.2 | 74.44 | 192.2 | 74.91 | 192.0 | 75.49 | 188.0 | 70.81 | 175.1 | 65.75 |
|        | -19.8             | -20      | 202.1                     | 74.13 | 202.1 | 74.79 | 201.2 | 75.12 | 195.0 | 70.59 | 188.0 | 66.53 | 175.1 | 63.67 |
|        | -18.8             | -19      | 206.7                     | 74.32 | 206.7 | 75.41 | 201.2 | 72.32 | 195.0 | 68.35 | 188.0 | 65.51 | 175.1 | 62.70 |
|        | -16.7             | -17      | 212.1                     | 75.33 | 212.1 | 72.92 | 201.2 | 68.11 | 195.0 | 66.02 | 188.0 | 63.27 | 175.1 | 60.57 |
|        | -15               | -15.9    | 216.8                     | 73.47 | 214.1 | 70.95 | 201.2 | 66.40 | 195.0 | 64.32 | 188.0 | 61.69 | 175.1 | 59.02 |
|        | -13.7             | -15      | 221.5                     | 71.65 | 214.1 | 68.32 | 201.2 | 64.70 | 195.0 | 62.65 | 188.0 | 60.13 | 175.1 | 57.51 |
|        | -11.8             | -13      | 227.3                     | 69.20 | 214.1 | 65.06 | 201.2 | 62.56 | 195.0 | 60.58 | 188.0 | 58.12 | 175.1 | 55.61 |
|        | -9.8              | -11      | 227.3                     | 65.04 | 214.1 | 62.03 | 201.2 | 60.35 | 195.0 | 58.34 | 188.0 | 56.02 | 175.1 | 53.59 |
|        | -9.5              | -10      | 227.3                     | 64.25 | 214.1 | 61.33 | 201.2 | 60.00 | 195.0 | 58.03 | 188.0 | 55.71 | 175.1 | 53.29 |
|        | -8.5              | -9.1     | 227.3                     | 62.56 | 214.1 | 60.06 | 201.2 | 58.88 | 195.0 | 56.91 | 188.0 | 54.67 | 175.1 | 52.31 |
|        | -7                | -7.6     | 227.3                     | 60.25 | 214.1 | 58.37 | 201.2 | 57.20 | 195.0 | 55.24 | 188.0 | 53.12 | 175.1 | 50.78 |
|        | -5                | -5.6     | 227.3                     | 58.00 | 214.1 | 56.25 | 201.2 | 55.04 | 195.0 | 53.14 | 188.0 | 51.07 | 175.1 | 48.87 |
|        | -3                | -3.7     | 227.3                     | 55.78 | 214.1 | 54.08 | 201.2 | 52.89 | 195.0 | 50.98 | 188.0 | 49.06 | 175.1 | 46.90 |
|        | 0                 | -0.7     | 227.3                     | 52.43 | 214.1 | 50.86 | 201.2 | 49.64 | 195.0 | 47.79 | 188.0 | 46.03 | 175.1 | 44.00 |
|        | 3                 | 2.2      | 227.3                     | 49.09 | 214.1 | 47.64 | 201.2 | 46.38 | 195.0 | 44.58 | 188.0 | 43.04 | 175.1 | 41.13 |
|        | 5                 | 4.1      | 215.2                     | 43.07 | 202.0 | 41.66 | 188.8 | 40.37 | 182.5 | 38.64 | 175.5 | 37.27 | 162.6 | 35.37 |
|        | 7                 | 6        | 202.7                     | 37.47 | 189.2 | 36.10 | 176.2 | 34.77 | 169.7 | 33.17 | 162.7 | 31.92 | 149.4 | 30.16 |
|        | 9                 | 7.9      | 189.8                     | 31.95 | 176.3 | 30.66 | 163.0 | 29.38 | 156.4 | 27.96 | 149.4 | 26.83 | 136.1 | 25.20 |
|        | 11                | 9.8      | 176.3                     | 26.73 | 163.0 | 25.55 | 149.4 | 24.37 | 142.8 | 23.09 | 135.7 | 22.11 | 122.1 | 20.60 |
|        | 13                | 11.8     | 162.6                     | 22.31 | 149.0 | 21.22 | 135.3 | 20.12 | 128.7 | 19.03 | 121.7 | 18.16 | 108.0 | 16.77 |
|        | 15                | 13.7     | 148.2                     | 18.63 | 134.5 | 17.62 | 120.9 | 16.60 | 114.2 | 15.66 | 106.9 | 14.87 | 92.90 | 13.64 |
| 70     | -30               | -30.2    | 95.90                     | 71.82 | 95.90 | 72.10 | 95.40 | 72.54 | 95.40 | 80.42 | 95.40 | 76.54 | 92.90 | 73.03 |
|        | -24.8             | -25      | 160.1                     | 72.76 | 160.1 | 72.98 | 158.9 | 73.44 | 158.9 | 74.07 | 157.9 | 70.16 | 149.7 | 65.04 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 181.7                     | 73.29 | 181.7 | 73.49 | 171.2 | 70.18 | 165.4 | 66.86 | 160.3 | 63.73 | 149.7 | 60.70 |
|        | -19.8             | -20      | 192.5                     | 72.29 | 182.1 | 70.08 | 171.2 | 67.74 | 165.4 | 64.53 | 160.3 | 61.58 | 149.7 | 58.62 |
|        | -18.8             | -19      | 192.7                     | 70.50 | 182.1 | 68.86 | 171.2 | 66.54 | 165.4 | 63.38 | 160.3 | 60.48 | 149.7 | 57.58 |
|        | -16.7             | -17      | 192.7                     | 67.47 | 182.1 | 66.20 | 171.2 | 63.99 | 165.4 | 60.97 | 160.3 | 58.23 | 149.7 | 55.38 |
|        | -15               | -15.9    | 192.7                     | 65.61 | 182.1 | 64.34 | 171.2 | 62.17 | 165.4 | 59.23 | 160.3 | 56.61 | 149.7 | 53.84 |
|        | -13.7             | -15      | 192.7                     | 63.75 | 182.1 | 62.48 | 171.2 | 60.39 | 165.4 | 57.53 | 160.3 | 55.02 | 149.7 | 52.29 |
|        | -11.8             | -13      | 192.7                     | 61.39 | 182.1 | 60.11 | 171.2 | 58.10 | 165.4 | 55.36 | 160.3 | 52.98 | 149.7 | 50.32 |
|        | -9.8              | -11      | 192.7                     | 58.98 | 182.1 | 57.61 | 171.2 | 55.71 | 165.4 | 53.09 | 160.3 | 50.85 | 149.7 | 48.27 |
|        | -9.5              | -10      | 192.7                     | 58.59 | 182.1 | 57.25 | 171.2 | 55.33 | 165.4 | 52.74 | 160.3 | 50.54 | 149.7 | 47.96 |
|        | -8.5              | -9.1     | 192.7                     | 57.36 | 182.1 | 56.02 | 171.2 | 54.16 | 165.4 | 51.62 | 160.3 | 49.46 | 149.7 | 46.95 |
|        | -7                | -7.6     | 192.7                     | 55.54 | 182.1 | 54.18 | 171.2 | 52.37 | 165.4 | 49.92 | 160.3 | 47.88 | 149.7 | 45.38 |
|        | -5                | -5.6     | 192.7                     | 53.17 | 182.1 | 51.76 | 171.2 | 50.03 | 165.4 | 47.71 | 160.3 | 45.82 | 149.7 | 43.43 |
|        | -3                | -3.7     | 192.7                     | 50.80 | 182.1 | 49.38 | 171.2 | 47.73 | 165.4 | 45.50 | 160.3 | 43.74 | 149.7 | 41.43 |
|        | 0                 | -0.7     | 192.7                     | 47.23 | 182.1 | 45.78 | 171.2 | 44.25 | 165.4 | 42.21 | 160.3 | 40.64 | 149.7 | 38.45 |
|        | 3                 | 2.2      | 192.7                     | 43.67 | 182.1 | 42.18 | 171.2 | 40.76 | 165.4 | 38.88 | 160.3 | 37.58 | 149.7 | 35.44 |
|        | 5                 | 4.1      | 182.5                     | 38.04 | 171.6 | 36.50 | 160.7 | 35.18 | 154.9 | 33.51 | 149.7 | 32.33 | 138.8 | 30.30 |
|        | 7                 | 6        | 171.7                     | 32.84 | 161.0 | 31.31 | 149.8 | 30.03 | 144.0 | 28.54 | 138.8 | 27.58 | 127.9 | 25.65 |
|        | 9                 | 7.9      | 160.7                     | 27.02 | 149.8 | 25.66 | 138.8 | 24.46 | 132.7 | 23.23 | 127.5 | 22.37 | 116.2 | 20.69 |
|        | 11                | 9.8      | 149.4                     | 22.73 | 138.4 | 21.50 | 127.1 | 20.45 | 121.3 | 19.34 | 115.8 | 18.56 | 104.5 | 17.05 |
|        | 13                | 11.8     | 137.7                     | 19.11 | 126.7 | 17.98 | 115.1 | 17.01 | 109.2 | 16.05 | 103.7 | 15.38 | 92.40 | 14.02 |
|        | 15                | 13.7     | 125.6                     | 16.05 | 114.3 | 15.03 | 102.9 | 14.16 | 96.80 | 13.30 | 91.20 | 12.70 | 79.50 | 11.53 |
| 60     | -30               | -30.2    | 93.60                     | 71.29 | 93.60 | 71.73 | 92.80 | 80.27 | 89.70 | 75.97 | 86.60 | 71.99 | 81.10 | 68.48 |
|        | -24.8             | -25      | 155.6                     | 72.23 | 155.6 | 72.67 | 146.7 | 69.63 | 141.9 | 66.00 | 136.9 | 62.60 | 128.3 | 59.44 |
|        | -21.8             | -22      | 165.4                     | 72.15 | 156.4 | 69.48 | 146.7 | 65.88 | 141.9 | 62.49 | 136.9 | 59.33 | 128.3 | 56.24 |
|        | -19.8             | -20      | 165.4                     | 69.40 | 156.4 | 66.85 | 146.7 | 63.38 | 141.9 | 60.14 | 136.9 | 57.10 | 128.3 | 54.12 |
|        | -18.8             | -19      | 165.4                     | 68.05 | 156.4 | 65.53 | 146.7 | 62.17 | 141.9 | 59.01 | 136.9 | 56.01 | 128.3 | 53.05 |
|        | -16.7             | -17      | 165.4                     | 65.26 | 156.4 | 62.76 | 146.7 | 59.52 | 141.9 | 56.55 | 136.9 | 53.73 | 128.3 | 50.85 |
|        | -15               | -15.9    | 165.4                     | 63.29 | 156.4 | 60.79 | 146.7 | 57.67 | 141.9 | 54.82 | 136.9 | 52.08 | 128.3 | 49.27 |
|        | -13.7             | -15      | 165.4                     | 61.32 | 156.4 | 58.85 | 146.7 | 55.82 | 141.9 | 53.08 | 136.9 | 50.46 | 128.3 | 47.69 |
|        | -11.8             | -13      | 165.4                     | 58.80 | 156.4 | 56.35 | 146.7 | 53.47 | 141.9 | 50.88 | 136.9 | 48.39 | 128.3 | 45.70 |
|        | -9.8              | -11      | 165.4                     | 56.15 | 156.4 | 53.73 | 146.7 | 51.03 | 141.9 | 48.57 | 136.9 | 46.22 | 128.3 | 43.61 |
|        | -9.5              | -10      | 165.4                     | 55.76 | 156.4 | 53.35 | 146.7 | 50.68 | 141.9 | 48.22 | 136.9 | 45.88 | 128.3 | 43.30 |
|        | -8.5              | -9.1     | 165.4                     | 54.45 | 156.4 | 52.07 | 146.7 | 49.45 | 141.9 | 47.10 | 136.9 | 44.83 | 128.3 | 42.26 |
|        | -7                | -7.6     | 165.4                     | 52.51 | 156.4 | 50.14 | 146.7 | 47.60 | 141.9 | 45.37 | 136.9 | 43.21 | 128.3 | 40.69 |
|        | -5                | -5.6     | 165.4                     | 49.93 | 156.4 | 47.59 | 146.7 | 45.24 | 141.9 | 43.13 | 136.9 | 41.10 | 128.3 | 38.68 |
|        | -3                | -3.7     | 165.4                     | 47.41 | 156.4 | 45.07 | 146.7 | 42.85 | 141.9 | 40.89 | 136.9 | 38.98 | 128.3 | 36.64 |
|        | 0                 | -0.7     | 165.4                     | 43.55 | 156.4 | 41.26 | 146.7 | 39.26 | 141.9 | 37.54 | 136.9 | 35.85 | 128.3 | 33.59 |
|        | 3                 | 2.2      | 165.4                     | 39.73 | 156.4 | 37.48 | 146.7 | 35.68 | 141.9 | 34.18 | 136.9 | 32.69 | 128.3 | 30.55 |
|        | 5                 | 4.1      | 156.5                     | 34.32 | 147.4 | 32.18 | 137.7 | 30.54 | 132.9 | 29.24 | 127.9 | 27.95 | 119.0 | 25.93 |
|        | 7                 | 6        | 147.5                     | 29.34 | 138.4 | 27.30 | 128.4 | 25.85 | 123.6 | 24.74 | 118.5 | 23.61 | 109.6 | 21.78 |
|        | 9                 | 7.9      | 138.1                     | 23.93 | 128.7 | 22.18 | 119.0 | 20.89 | 113.9 | 19.99 | 108.8 | 19.03 | 99.80 | 17.44 |
|        | 11                | 9.8      | 128.3                     | 20.27 | 119.0 | 18.73 | 108.9 | 17.58 | 104.1 | 16.79 | 98.70 | 15.95 | 89.70 | 14.52 |
|        | 13                | 11.8     | 118.2                     | 17.13 | 108.8 | 15.76 | 98.70 | 14.78 | 93.60 | 14.05 | 88.50 | 13.31 | 79.10 | 12.07 |
|        | 15                | 13.7     | 108.0                     | 14.51 | 98.30 | 13.31 | 88.20 | 12.41 | 83.00 | 11.76 | 78.00 | 11.15 | 68.20 | 10.03 |
| 50     | -30               | -30.2    | 87.30                     | 61.66 | 82.30 | 69.19 | 77.20 | 65.52 | 74.90 | 62.11 | 72.20 | 58.77 | 67.50 | 55.88 |
|        | -24.8             | -25      | 138.0                     | 59.39 | 130.2 | 60.00 | 122.4 | 56.84 | 118.5 | 53.90 | 114.3 | 51.11 | 106.5 | 48.49 |
|        | -21.8             | -22      | 138.0                     | 59.89 | 130.2 | 56.76 | 122.4 | 53.78 | 118.5 | 51.00 | 114.3 | 48.41 | 106.5 | 45.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 138.0                     | 57.61 | 130.2 | 54.56 | 122.4 | 51.74 | 118.5 | 49.07 | 114.3 | 46.61 | 106.5 | 44.14 |
|        | -18.8             | -19      | 138.0                     | 56.48 | 130.2 | 53.47 | 122.4 | 50.77 | 118.5 | 48.11 | 114.3 | 45.72 | 106.5 | 43.33 |
|        | -16.7             | -17      | 138.0                     | 54.12 | 130.2 | 51.23 | 122.4 | 48.61 | 118.5 | 46.08 | 114.3 | 43.83 | 106.5 | 41.51 |
|        | -15               | -15.9    | 138.0                     | 52.42 | 130.2 | 49.57 | 122.4 | 47.10 | 118.5 | 44.65 | 114.3 | 42.48 | 106.5 | 40.20 |
|        | -13.7             | -15      | 138.0                     | 50.72 | 130.2 | 47.95 | 122.4 | 45.57 | 118.5 | 43.22 | 114.3 | 41.16 | 106.5 | 38.93 |
|        | -11.8             | -13      | 138.0                     | 48.57 | 130.2 | 45.94 | 122.4 | 43.69 | 118.5 | 41.43 | 114.3 | 39.47 | 106.5 | 37.32 |
|        | -9.8              | -11      | 138.0                     | 46.35 | 130.2 | 43.78 | 122.4 | 41.66 | 118.5 | 39.51 | 114.3 | 37.70 | 106.5 | 35.61 |
|        | -9.5              | -10      | 138.0                     | 46.01 | 130.2 | 43.47 | 122.4 | 41.35 | 118.5 | 39.24 | 114.3 | 37.45 | 106.5 | 35.35 |
|        | -8.5              | -9.1     | 138.0                     | 44.92 | 130.2 | 42.39 | 122.4 | 40.38 | 118.5 | 38.31 | 114.3 | 36.57 | 106.5 | 34.50 |
|        | -7                | -7.6     | 138.0                     | 43.20 | 130.2 | 40.80 | 122.4 | 38.88 | 118.5 | 36.87 | 114.3 | 35.23 | 106.5 | 33.23 |
|        | -5                | -5.6     | 138.0                     | 41.03 | 130.2 | 38.72 | 122.4 | 36.94 | 118.5 | 35.06 | 114.3 | 33.53 | 106.5 | 31.58 |
|        | -3                | -3.7     | 138.0                     | 38.89 | 130.2 | 36.63 | 122.4 | 34.97 | 118.5 | 33.18 | 114.3 | 31.80 | 106.5 | 29.91 |
|        | 0                 | -0.7     | 138.0                     | 35.61 | 130.2 | 33.47 | 122.4 | 32.05 | 118.5 | 30.43 | 114.3 | 29.24 | 106.5 | 27.45 |
|        | 3                 | 2.2      | 138.0                     | 32.32 | 130.2 | 30.37 | 122.4 | 29.14 | 118.5 | 27.65 | 114.3 | 26.66 | 106.5 | 24.98 |
|        | 5                 | 4.1      | 130.6                     | 27.91 | 122.8 | 26.09 | 115.0 | 25.02 | 111.1 | 23.69 | 106.9 | 22.88 | 98.70 | 21.29 |
|        | 7                 | 6        | 123.2                     | 23.87 | 115.0 | 22.21 | 107.2 | 21.27 | 103.3 | 20.12 | 99.00 | 19.43 | 90.90 | 17.98 |
|        | 9                 | 7.9      | 115.0                     | 19.80 | 107.2 | 18.35 | 99.00 | 17.53 | 95.10 | 16.54 | 90.90 | 15.93 | 82.70 | 14.68 |
|        | 11                | 9.8      | 107.2                     | 16.91 | 99.00 | 15.62 | 90.80 | 14.87 | 86.90 | 14.00 | 82.70 | 13.47 | 74.50 | 12.33 |
|        | 13                | 11.8     | 98.60                     | 14.41 | 90.50 | 13.28 | 82.30 | 12.60 | 78.30 | 11.85 | 74.10 | 11.36 | 65.60 | 10.37 |
|        | 15                | 13.7     | 90.00                     | 12.33 | 81.80 | 11.35 | 73.60 | 10.71 | 69.40 | 10.04 | 65.10 | 9.63  | 56.60 | 8.73  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM800LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 100.0                     | 87.08 | 100.0 | 87.36 | 99.20 | 87.64 | 99.20 | 88.00 | 99.20 | 88.44 | 97.20 | 88.92 |
|        | -24.8             | -25      | 166.4                     | 87.80 | 166.4 | 88.08 | 165.2 | 88.32 | 165.2 | 88.72 | 165.2 | 89.08 | 162.4 | 89.60 |
|        | -21.8             | -22      | 202.4                     | 88.20 | 202.4 | 88.48 | 201.2 | 88.76 | 201.2 | 89.12 | 201.2 | 89.44 | 197.2 | 90.04 |
|        | -19.8             | -20      | 213.6                     | 88.48 | 213.6 | 88.76 | 212.0 | 89.00 | 212.0 | 89.36 | 212.0 | 89.72 | 208.0 | 90.28 |
|        | -18.8             | -19      | 218.0                     | 88.56 | 218.0 | 88.88 | 216.8 | 89.12 | 216.8 | 89.48 | 216.8 | 89.84 | 212.4 | 90.40 |
|        | -16.7             | -17      | 227.6                     | 88.88 | 227.6 | 89.16 | 226.4 | 89.40 | 226.4 | 89.76 | 226.4 | 90.08 | 222.0 | 90.68 |
|        | -15               | -15.9    | 234.4                     | 89.04 | 234.4 | 89.32 | 233.2 | 89.56 | 233.2 | 89.92 | 233.2 | 90.28 | 228.8 | 88.92 |
|        | -13.7             | -15      | 241.6                     | 89.28 | 241.6 | 89.52 | 240.4 | 89.76 | 240.4 | 90.12 | 240.4 | 90.52 | 235.6 | 87.20 |
|        | -11.8             | -13      | 249.6                     | 89.48 | 249.6 | 89.76 | 247.6 | 90.04 | 247.6 | 90.40 | 247.6 | 88.16 | 244.0 | 85.00 |
|        | -9.8              | -11      | 257.6                     | 89.76 | 257.6 | 90.04 | 256.4 | 90.28 | 256.4 | 87.96 | 256.4 | 85.76 | 252.8 | 82.72 |
|        | -9.5              | -10      | 259.2                     | 89.80 | 259.2 | 90.04 | 257.6 | 89.88 | 257.6 | 87.60 | 257.6 | 85.40 | 254.0 | 82.40 |
|        | -8.5              | -9.1     | 264.4                     | 89.92 | 264.4 | 90.20 | 262.4 | 88.64 | 262.4 | 86.36 | 261.2 | 84.20 | 258.8 | 81.24 |
|        | -7                | -7.6     | 272.0                     | 90.12 | 272.0 | 88.40 | 270.0 | 86.80 | 270.0 | 84.52 | 270.0 | 82.40 | 265.6 | 79.52 |
|        | -5                | -5.6     | 281.6                     | 87.92 | 281.6 | 86.12 | 280.0 | 84.48 | 280.0 | 82.24 | 280.0 | 80.08 | 274.4 | 77.36 |
|        | -3                | -3.7     | 291.6                     | 85.72 | 291.6 | 83.80 | 290.0 | 82.08 | 290.0 | 79.88 | 290.0 | 77.76 | 283.2 | 75.16 |
|        | 0                 | -0.7     | 306.4                     | 82.48 | 306.4 | 80.44 | 304.8 | 78.52 | 304.8 | 76.40 | 304.8 | 74.32 | 284.4 | 68.88 |
|        | 3                 | 2.2      | 321.6                     | 79.20 | 321.6 | 77.00 | 319.6 | 75.04 | 316.8 | 72.28 | 305.6 | 67.80 | 284.4 | 65.12 |
|        | 5                 | 4.1      | 308.4                     | 69.20 | 307.2 | 66.80 | 304.8 | 64.96 | 296.8 | 61.44 | 285.2 | 58.72 | 264.0 | 56.56 |
|        | 7                 | 6        | 290.4                     | 59.32 | 288.0 | 56.96 | 284.4 | 54.92 | 276.0 | 52.60 | 264.4 | 50.76 | 242.8 | 48.60 |
|        | 9                 | 7.9      | 271.6                     | 51.88 | 268.0 | 49.56 | 263.2 | 47.40 | 254.4 | 45.60 | 242.8 | 43.84 | 221.2 | 41.68 |
| 120    | 11                | 9.8      | 252.8                     | 45.64 | 247.6 | 43.32 | 241.2 | 41.20 | 232.0 | 39.48 | 220.8 | 37.80 | 198.4 | 35.60 |
|        | 13                | 11.8     | 232.8                     | 39.60 | 226.4 | 37.40 | 218.4 | 35.24 | 209.2 | 33.68 | 197.6 | 32.08 | 175.2 | 29.88 |
|        | 15                | 13.7     | 212.4                     | 33.92 | 204.4 | 31.76 | 195.2 | 29.68 | 185.6 | 28.24 | 173.6 | 26.76 | 151.2 | 24.60 |
|        | -30               | -30.2    | 99.20                     | 87.36 | 99.20 | 87.64 | 98.40 | 88.00 | 98.40 | 88.44 | 98.40 | 88.92 | 96.40 | 89.40 |
|        | -24.8             | -25      | 165.2                     | 88.08 | 165.2 | 88.32 | 164.0 | 88.72 | 164.0 | 89.08 | 164.0 | 89.60 | 160.8 | 90.04 |
|        | -21.8             | -22      | 201.2                     | 88.48 | 201.2 | 88.76 | 199.6 | 89.12 | 199.6 | 89.44 | 199.6 | 90.04 | 196.0 | 90.40 |
|        | -19.8             | -20      | 212.0                     | 88.76 | 212.0 | 89.00 | 210.8 | 89.36 | 210.8 | 89.72 | 210.8 | 90.28 | 206.4 | 90.64 |
|        | -18.8             | -19      | 216.8                     | 88.88 | 216.8 | 89.12 | 215.2 | 89.48 | 215.2 | 89.84 | 215.2 | 90.40 | 211.2 | 90.80 |
|        | -16.7             | -17      | 226.4                     | 89.16 | 226.4 | 89.40 | 224.8 | 89.76 | 224.8 | 90.08 | 224.8 | 90.68 | 220.4 | 88.52 |
|        | -15               | -15.9    | 233.2                     | 89.32 | 233.2 | 89.56 | 231.6 | 89.92 | 231.6 | 90.28 | 231.6 | 89.00 | 227.2 | 86.92 |
|        | -13.7             | -15      | 239.6                     | 89.52 | 239.6 | 89.76 | 238.4 | 90.12 | 238.4 | 90.52 | 238.4 | 87.32 | 234.0 | 85.36 |
|        | -11.8             | -13      | 247.6                     | 89.76 | 247.6 | 90.04 | 246.0 | 90.40 | 246.0 | 88.16 | 246.0 | 85.28 | 242.4 | 83.32 |
|        | -9.8              | -11      | 255.6                     | 90.04 | 255.6 | 90.28 | 254.0 | 87.84 | 254.0 | 85.72 | 254.0 | 83.08 | 251.2 | 81.24 |
|        | -9.5              | -10      | 257.6                     | 90.04 | 257.6 | 89.88 | 255.6 | 87.48 | 255.6 | 85.36 | 255.6 | 82.72 | 252.4 | 80.92 |
|        | -8.5              | -9.1     | 262.0                     | 90.20 | 262.0 | 88.52 | 260.8 | 86.20 | 260.8 | 84.16 | 260.8 | 81.64 | 257.2 | 79.84 |
|        | -7                | -7.6     | 269.6                     | 88.24 | 269.6 | 86.52 | 268.0 | 84.32 | 268.0 | 82.32 | 268.0 | 80.00 | 263.2 | 78.24 |
|        | -5                | -5.6     | 280.0                     | 85.68 | 280.0 | 83.96 | 277.6 | 81.84 | 277.6 | 79.96 | 277.6 | 77.92 | 267.2 | 74.72 |
|        | -3                | -3.7     | 289.6                     | 83.16 | 289.6 | 81.44 | 288.0 | 79.44 | 288.0 | 77.64 | 287.6 | 75.80 | 267.2 | 70.48 |
|        | 0                 | -0.7     | 304.4                     | 79.40 | 304.4 | 77.60 | 302.4 | 75.80 | 296.8 | 72.76 | 287.6 | 69.08 | 267.2 | 67.64 |
| 110    | 3                 | 2.2      | 319.6                     | 75.60 | 319.6 | 73.76 | 307.2 | 69.84 | 296.8 | 67.08 | 287.6 | 66.04 | 267.2 | 64.76 |
|        | 5                 | 4.1      | 306.0                     | 65.76 | 301.2 | 63.08 | 288.4 | 60.12 | 278.0 | 58.80 | 268.4 | 57.92 | 248.0 | 56.48 |
|        | 7                 | 6        | 288.0                     | 56.00 | 282.4 | 53.80 | 268.8 | 52.24 | 258.4 | 51.00 | 248.8 | 50.24 | 228.0 | 48.72 |
|        | 9                 | 7.9      | 269.6                     | 49.00 | 263.2 | 47.04 | 248.8 | 45.44 | 238.4 | 44.20 | 228.8 | 43.36 | 207.6 | 41.76 |
|        | 11                | 9.8      | 250.8                     | 43.04 | 243.2 | 41.08 | 228.0 | 39.40 | 217.6 | 38.20 | 207.6 | 37.36 | 186.4 | 35.68 |
|        | 13                | 11.8     | 231.2                     | 37.32 | 222.4 | 35.44 | 206.8 | 33.76 | 196.0 | 32.56 | 186.0 | 31.72 | 164.8 | 29.96 |
|        | 15                | 13.7     | 210.8                     | 31.92 | 200.8 | 30.08 | 184.4 | 28.44 | 173.6 | 27.32 | 163.6 | 26.44 | 142.0 | 24.68 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 98.80                     | 87.64 | 98.80 | 88.00 | 98.00 | 88.44 | 98.00 | 88.92 | 98.00 | 89.40 | 96.00 | 89.48 |
|        | -24.8             | -25      | 164.4                     | 88.32 | 164.4 | 88.72 | 163.2 | 89.08 | 163.2 | 89.60 | 163.2 | 90.04 | 160.0 | 90.20 |
|        | -21.8             | -22      | 199.6                     | 88.76 | 199.6 | 89.12 | 198.4 | 89.44 | 198.4 | 90.04 | 198.4 | 90.40 | 194.8 | 90.60 |
|        | -19.8             | -20      | 210.8                     | 89.00 | 210.8 | 89.36 | 209.6 | 89.72 | 209.6 | 90.28 | 209.6 | 90.64 | 205.2 | 90.84 |
|        | -18.8             | -19      | 215.2                     | 89.12 | 215.2 | 89.48 | 214.0 | 89.84 | 214.0 | 90.40 | 214.0 | 90.80 | 210.0 | 89.64 |
|        | -16.7             | -17      | 225.2                     | 89.40 | 225.2 | 89.76 | 223.2 | 90.08 | 223.2 | 90.68 | 223.2 | 88.36 | 219.2 | 87.16 |
|        | -15               | -15.9    | 231.6                     | 89.56 | 231.6 | 89.92 | 230.0 | 90.28 | 230.0 | 88.84 | 230.0 | 86.64 | 228.0 | 85.36 |
|        | -13.7             | -15      | 238.4                     | 89.76 | 238.4 | 90.12 | 236.8 | 90.52 | 236.8 | 87.00 | 236.8 | 84.92 | 236.8 | 83.60 |
|        | -11.8             | -13      | 246.0                     | 90.04 | 246.0 | 90.40 | 244.8 | 87.92 | 244.8 | 84.72 | 244.8 | 82.72 | 240.4 | 79.88 |
|        | -9.8              | -11      | 254.4                     | 90.28 | 254.4 | 87.52 | 252.8 | 85.24 | 252.8 | 82.28 | 252.8 | 80.44 | 240.4 | 75.64 |
|        | -9.5              | -10      | 255.6                     | 89.80 | 255.6 | 87.08 | 254.4 | 84.84 | 254.4 | 81.96 | 254.4 | 80.08 | 240.4 | 74.68 |
|        | -8.5              | -9.1     | 260.8                     | 88.28 | 260.8 | 85.64 | 259.2 | 83.52 | 259.2 | 80.72 | 257.6 | 78.48 | 240.4 | 73.56 |
|        | -7                | -7.6     | 268.4                     | 85.96 | 268.4 | 83.48 | 266.8 | 81.48 | 266.4 | 78.80 | 257.6 | 74.60 | 240.4 | 71.92 |
|        | -5                | -5.6     | 278.0                     | 83.00 | 278.0 | 80.76 | 275.6 | 78.72 | 266.4 | 73.84 | 257.6 | 71.24 | 240.4 | 69.76 |
|        | -3                | -3.7     | 288.0                     | 80.04 | 288.0 | 78.00 | 275.6 | 73.56 | 266.4 | 70.52 | 257.6 | 69.16 | 240.4 | 67.64 |
|        | 0                 | -0.7     | 302.4                     | 75.60 | 293.6 | 71.68 | 275.6 | 68.84 | 266.4 | 67.20 | 257.6 | 66.04 | 240.4 | 64.40 |
|        | 3                 | 2.2      | 310.8                     | 69.68 | 293.6 | 66.20 | 275.6 | 65.16 | 266.4 | 63.96 | 257.6 | 62.96 | 240.4 | 61.24 |
|        | 5                 | 4.1      | 294.4                     | 59.32 | 276.8 | 58.08 | 258.8 | 57.08 | 249.6 | 56.00 | 240.4 | 55.08 | 223.2 | 53.16 |
|        | 7                 | 6        | 277.2                     | 51.64 | 259.6 | 50.48 | 241.2 | 49.48 | 232.0 | 48.60 | 222.8 | 47.72 | 205.2 | 45.68 |
|        | 9                 | 7.9      | 259.6                     | 45.24 | 241.6 | 44.00 | 223.2 | 42.88 | 214.0 | 42.00 | 204.8 | 41.12 | 186.8 | 39.04 |
|        | 11                | 9.8      | 241.2                     | 39.60 | 223.2 | 38.32 | 204.8 | 37.12 | 195.2 | 36.20 | 186.0 | 35.32 | 168.0 | 33.28 |
|        | 13                | 11.8     | 222.4                     | 34.24 | 204.4 | 32.92 | 185.6 | 31.68 | 176.0 | 30.80 | 166.8 | 29.92 | 148.0 | 27.92 |
|        | 15                | 13.7     | 202.8                     | 29.16 | 184.4 | 27.88 | 165.6 | 26.60 | 156.0 | 25.80 | 146.4 | 24.88 | 127.6 | 22.96 |
| 100    | -30               | -30.2    | 98.00                     | 98.80 | 98.00 | 98.16 | 97.60 | 83.80 | 97.60 | 96.28 | 97.60 | 93.60 | 95.60 | 95.16 |
|        | -24.8             | -25      | 163.6                     | 96.60 | 163.6 | 95.92 | 162.8 | 88.32 | 162.8 | 94.08 | 162.8 | 93.36 | 159.2 | 92.96 |
|        | -21.8             | -22      | 198.8                     | 95.36 | 198.8 | 94.60 | 197.6 | 90.92 | 197.6 | 92.84 | 197.6 | 93.20 | 194.0 | 91.72 |
|        | -19.8             | -20      | 210.0                     | 94.48 | 210.0 | 93.76 | 208.4 | 92.52 | 208.4 | 91.96 | 208.4 | 91.60 | 204.4 | 90.84 |
|        | -18.8             | -19      | 214.4                     | 94.04 | 213.2 | 93.36 | 213.2 | 92.64 | 213.2 | 91.52 | 213.2 | 90.80 | 209.2 | 89.40 |
|        | -16.7             | -17      | 222.4                     | 93.20 | 222.4 | 92.44 | 222.4 | 92.88 | 221.2 | 90.68 | 221.2 | 87.80 | 217.2 | 86.36 |
|        | -15               | -15.9    | 230.0                     | 92.52 | 230.0 | 91.80 | 229.2 | 91.68 | 228.8 | 88.52 | 228.8 | 85.64 | 219.6 | 82.44 |
|        | -13.7             | -15      | 237.2                     | 91.88 | 237.2 | 91.20 | 236.0 | 90.52 | 236.0 | 86.36 | 236.0 | 83.52 | 219.6 | 77.84 |
|        | -11.8             | -13      | 244.8                     | 91.12 | 243.6 | 90.40 | 243.6 | 87.64 | 243.6 | 83.64 | 236.0 | 78.32 | 219.6 | 75.20 |
|        | -9.8              | -11      | 253.2                     | 90.28 | 253.2 | 87.20 | 252.0 | 84.64 | 244.0 | 78.20 | 236.0 | 74.04 | 219.6 | 72.48 |
|        | -9.5              | -10      | 254.4                     | 89.76 | 254.4 | 86.68 | 252.0 | 83.72 | 244.0 | 77.40 | 236.0 | 73.64 | 219.6 | 72.08 |
|        | -8.5              | -9.1     | 259.6                     | 88.12 | 259.6 | 85.12 | 252.0 | 80.64 | 244.0 | 74.88 | 236.0 | 72.28 | 219.6 | 70.68 |
|        | -7                | -7.6     | 271.2                     | 85.60 | 268.0 | 82.08 | 252.0 | 76.28 | 244.0 | 72.84 | 236.0 | 70.28 | 219.6 | 68.64 |
|        | -5                | -5.6     | 283.2                     | 82.40 | 268.0 | 76.16 | 252.0 | 73.56 | 244.0 | 70.24 | 236.0 | 67.72 | 219.6 | 66.04 |
|        | -3                | -3.7     | 284.4                     | 77.36 | 268.0 | 72.68 | 252.0 | 70.84 | 244.0 | 67.64 | 236.0 | 65.12 | 219.6 | 63.40 |
|        | 0                 | -0.7     | 284.4                     | 70.60 | 268.0 | 68.28 | 252.0 | 66.68 | 244.0 | 63.72 | 236.0 | 61.24 | 219.6 | 59.44 |
|        | 3                 | 2.2      | 284.4                     | 66.00 | 268.0 | 63.92 | 252.0 | 62.56 | 244.0 | 59.80 | 236.0 | 57.40 | 219.6 | 55.48 |
|        | 5                 | 4.1      | 269.2                     | 57.80 | 252.8 | 55.76 | 236.4 | 54.44 | 228.4 | 51.96 | 220.4 | 49.68 | 203.6 | 47.60 |
|        | 7                 | 6        | 253.6                     | 50.12 | 236.8 | 48.20 | 220.8 | 46.92 | 212.4 | 44.68 | 204.4 | 42.56 | 187.6 | 40.40 |
|        | 9                 | 7.9      | 237.2                     | 43.76 | 220.8 | 41.92 | 204.0 | 40.60 | 196.0 | 38.52 | 187.6 | 36.56 | 170.8 | 34.48 |
|        | 11                | 9.8      | 220.8                     | 38.24 | 204.0 | 36.36 | 187.2 | 35.04 | 178.8 | 33.12 | 170.4 | 31.32 | 153.2 | 29.32 |
|        | 13                | 11.8     | 203.2                     | 32.96 | 186.4 | 31.20 | 169.6 | 29.84 | 161.2 | 28.12 | 152.8 | 26.48 | 135.2 | 24.56 |
|        | 15                | 13.7     | 185.6                     | 28.00 | 168.4 | 26.36 | 151.2 | 25.00 | 142.8 | 23.52 | 134.4 | 22.00 | 116.8 | 20.24 |
| 90     | -30               | -30.2    | 98.00                     | 86.00 | 98.00 | 86.48 | 97.20 | 86.88 | 97.20 | 87.04 | 97.20 | 87.52 | 95.20 | 95.56 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 163.2                     | 86.64 | 163.2 | 87.20 | 162.0 | 87.60 | 162.0 | 87.76 | 162.0 | 88.16 | 158.8 | 88.72 |
|        | -21.8             | -22      | 198.0                     | 87.00 | 198.0 | 87.60 | 196.8 | 88.00 | 196.8 | 88.16 | 196.8 | 88.56 | 193.2 | 84.76 |
|        | -19.8             | -20      | 209.2                     | 87.32 | 209.2 | 87.84 | 207.6 | 88.28 | 207.6 | 88.44 | 207.6 | 85.88 | 200.8 | 80.92 |
|        | -18.8             | -19      | 214.4                     | 87.44 | 213.2 | 88.00 | 212.4 | 88.36 | 212.4 | 87.04 | 212.4 | 84.52 | 200.8 | 78.00 |
|        | -16.7             | -17      | 222.4                     | 87.72 | 222.4 | 88.24 | 221.6 | 85.52 | 221.6 | 84.16 | 216.4 | 79.80 | 200.8 | 74.16 |
|        | -15               | -15.9    | 230.0                     | 87.88 | 230.0 | 86.16 | 228.4 | 83.52 | 223.6 | 80.40 | 216.4 | 76.76 | 200.8 | 72.32 |
|        | -13.7             | -15      | 237.2                     | 88.08 | 237.2 | 84.04 | 230.4 | 79.84 | 223.6 | 76.16 | 216.4 | 73.80 | 200.8 | 70.48 |
|        | -11.8             | -13      | 244.8                     | 85.24 | 243.6 | 81.40 | 230.4 | 74.92 | 223.6 | 73.56 | 216.4 | 71.40 | 200.8 | 68.12 |
|        | -9.8              | -11      | 253.2                     | 82.24 | 244.8 | 76.00 | 230.4 | 72.40 | 223.6 | 70.96 | 216.4 | 68.92 | 200.8 | 65.68 |
|        | -9.5              | -10      | 254.4                     | 81.76 | 244.8 | 75.20 | 230.4 | 72.00 | 223.6 | 70.56 | 216.4 | 68.56 | 200.8 | 65.32 |
|        | -8.5              | -9.1     | 259.6                     | 80.28 | 244.8 | 73.04 | 230.4 | 70.76 | 223.6 | 69.32 | 216.4 | 67.28 | 200.8 | 64.08 |
|        | -7                | -7.6     | 260.4                     | 74.88 | 244.8 | 70.96 | 230.4 | 68.84 | 223.6 | 67.40 | 216.4 | 65.40 | 200.8 | 62.24 |
|        | -5                | -5.6     | 260.4                     | 71.32 | 244.8 | 68.44 | 230.4 | 66.40 | 223.6 | 64.88 | 216.4 | 63.00 | 200.8 | 59.92 |
|        | -3                | -3.7     | 260.4                     | 68.60 | 244.8 | 65.88 | 230.4 | 63.96 | 223.6 | 62.40 | 216.4 | 60.56 | 200.8 | 57.52 |
|        | 0                 | -0.7     | 260.4                     | 64.48 | 244.8 | 62.04 | 230.4 | 60.32 | 223.6 | 58.68 | 216.4 | 56.96 | 200.8 | 54.00 |
|        | 3                 | 2.2      | 260.4                     | 60.36 | 244.8 | 58.28 | 230.4 | 56.64 | 223.6 | 54.96 | 216.4 | 53.32 | 200.8 | 50.44 |
|        | 5                 | 4.1      | 246.4                     | 52.96 | 230.8 | 51.04 | 216.4 | 49.44 | 209.2 | 47.76 | 202.0 | 46.20 | 186.4 | 43.40 |
|        | 7                 | 6        | 232.0                     | 46.04 | 216.4 | 44.32 | 201.6 | 42.72 | 194.8 | 41.08 | 187.2 | 39.68 | 171.6 | 37.00 |
|        | 9                 | 7.9      | 217.2                     | 39.80 | 201.6 | 38.12 | 186.8 | 36.60 | 179.6 | 35.04 | 172.0 | 33.72 | 156.0 | 31.24 |
|        | 11                | 9.8      | 202.0                     | 34.00 | 186.0 | 32.44 | 171.2 | 30.96 | 164.0 | 29.60 | 156.4 | 28.36 | 140.0 | 26.08 |
|        | 13                | 11.8     | 186.4                     | 28.76 | 170.4 | 27.28 | 155.2 | 25.88 | 147.6 | 24.64 | 140.0 | 23.56 | 123.6 | 21.44 |
|        | 15                | 13.7     | 170.0                     | 23.96 | 153.6 | 22.60 | 138.4 | 21.28 | 130.8 | 20.20 | 123.2 | 19.20 | 106.8 | 17.36 |
| 80     | -30               | -30.2    | 97.20                     | 75.96 | 97.20 | 76.56 | 96.80 | 77.04 | 96.80 | 76.48 | 96.80 | 84.88 | 94.80 | 81.32 |
|        | -24.8             | -25      | 162.4                     | 76.72 | 162.4 | 77.32 | 161.2 | 77.72 | 161.2 | 77.88 | 161.2 | 78.84 | 158.0 | 75.52 |
|        | -21.8             | -22      | 196.0                     | 77.16 | 196.0 | 77.72 | 196.0 | 78.12 | 196.0 | 78.68 | 192.8 | 74.16 | 179.6 | 68.52 |
|        | -19.8             | -20      | 206.8                     | 77.44 | 206.8 | 78.00 | 206.4 | 78.40 | 200.0 | 73.68 | 192.8 | 69.32 | 179.6 | 66.36 |
|        | -18.8             | -19      | 211.6                     | 77.60 | 211.6 | 78.52 | 206.4 | 75.44 | 200.0 | 71.20 | 192.8 | 68.28 | 179.6 | 65.36 |
|        | -16.7             | -17      | 217.6                     | 78.44 | 217.6 | 75.96 | 206.4 | 70.96 | 200.0 | 68.80 | 192.8 | 65.96 | 179.6 | 63.16 |
|        | -15               | -15.9    | 222.4                     | 76.52 | 219.6 | 73.92 | 206.4 | 69.20 | 200.0 | 67.04 | 192.8 | 64.32 | 179.6 | 61.56 |
|        | -13.7             | -15      | 227.2                     | 74.64 | 219.6 | 71.20 | 206.4 | 67.44 | 200.0 | 65.32 | 192.8 | 62.72 | 179.6 | 60.00 |
|        | -11.8             | -13      | 233.2                     | 72.24 | 219.6 | 67.92 | 206.4 | 65.24 | 200.0 | 63.20 | 192.8 | 60.64 | 179.6 | 58.04 |
|        | -9.8              | -11      | 233.2                     | 67.92 | 219.6 | 64.76 | 206.4 | 62.96 | 200.0 | 60.88 | 192.8 | 58.48 | 179.6 | 55.96 |
|        | -9.5              | -10      | 233.2                     | 67.08 | 219.6 | 64.04 | 206.4 | 62.60 | 200.0 | 60.56 | 192.8 | 58.16 | 179.6 | 55.64 |
|        | -8.5              | -9.1     | 233.2                     | 65.32 | 219.6 | 62.68 | 206.4 | 61.44 | 200.0 | 59.40 | 192.8 | 57.08 | 179.6 | 54.64 |
|        | -7                | -7.6     | 233.2                     | 62.88 | 219.6 | 60.92 | 206.4 | 59.72 | 200.0 | 57.68 | 192.8 | 55.48 | 179.6 | 53.04 |
|        | -5                | -5.6     | 233.2                     | 60.56 | 219.6 | 58.76 | 206.4 | 57.48 | 200.0 | 55.52 | 192.8 | 53.36 | 179.6 | 51.08 |
|        | -3                | -3.7     | 233.2                     | 58.28 | 219.6 | 56.52 | 206.4 | 55.28 | 200.0 | 53.28 | 192.8 | 51.28 | 179.6 | 49.04 |
|        | 0                 | -0.7     | 233.2                     | 54.84 | 219.6 | 53.20 | 206.4 | 51.92 | 200.0 | 50.00 | 192.8 | 48.16 | 179.6 | 46.04 |
|        | 3                 | 2.2      | 233.2                     | 51.40 | 219.6 | 49.88 | 206.4 | 48.56 | 200.0 | 46.68 | 192.8 | 45.08 | 179.6 | 43.08 |
|        | 5                 | 4.1      | 220.8                     | 45.20 | 207.2 | 43.72 | 193.6 | 42.36 | 187.2 | 40.56 | 180.0 | 39.12 | 166.8 | 37.12 |
|        | 7                 | 6        | 208.0                     | 39.40 | 194.0 | 37.96 | 180.8 | 36.56 | 174.0 | 34.88 | 166.8 | 33.56 | 153.2 | 31.72 |
|        | 9                 | 7.9      | 194.8                     | 33.64 | 180.8 | 32.28 | 167.2 | 30.92 | 160.4 | 29.44 | 153.2 | 28.24 | 139.6 | 26.52 |
|        | 11                | 9.8      | 180.8                     | 28.16 | 167.2 | 26.92 | 153.2 | 25.68 | 146.4 | 24.32 | 139.2 | 23.28 | 125.2 | 21.68 |
|        | 13                | 11.8     | 166.8                     | 23.52 | 152.8 | 22.36 | 138.8 | 21.20 | 132.0 | 20.04 | 124.8 | 19.12 | 110.8 | 17.64 |
|        | 15                | 13.7     | 152.0                     | 19.64 | 138.0 | 18.56 | 124.0 | 17.48 | 117.2 | 16.48 | 109.6 | 15.64 | 95.20 | 14.32 |
| 70     | -30               | -30.2    | 97.20                     | 75.24 | 97.20 | 75.52 | 96.80 | 75.88 | 96.80 | 83.68 | 96.80 | 79.68 | 94.80 | 76.04 |
|        | -24.8             | -25      | 162.4                     | 76.00 | 162.4 | 76.20 | 161.2 | 76.60 | 161.2 | 77.12 | 161.2 | 73.52 | 153.6 | 68.12 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 186.4                     | 76.44 | 186.4 | 76.60 | 175.6 | 73.08 | 169.6 | 69.64 | 164.4 | 66.40 | 153.6 | 63.28 |
|        | -19.8             | -20      | 197.6                     | 74.92 | 186.8 | 72.96 | 175.6 | 70.56 | 169.6 | 67.24 | 164.4 | 64.20 | 153.6 | 61.12 |
|        | -18.8             | -19      | 197.6                     | 72.92 | 186.8 | 71.72 | 175.6 | 69.32 | 169.6 | 66.04 | 164.4 | 63.04 | 153.6 | 60.04 |
|        | -16.7             | -17      | 197.6                     | 70.28 | 186.8 | 68.96 | 175.6 | 66.68 | 169.6 | 63.56 | 164.4 | 60.72 | 153.6 | 57.76 |
|        | -15               | -15.9    | 197.6                     | 68.36 | 186.8 | 67.04 | 175.6 | 64.80 | 169.6 | 61.76 | 164.4 | 59.04 | 153.6 | 56.16 |
|        | -13.7             | -15      | 197.6                     | 66.44 | 186.8 | 65.12 | 175.6 | 62.96 | 169.6 | 60.00 | 164.4 | 57.40 | 153.6 | 54.56 |
|        | -11.8             | -13      | 197.6                     | 64.00 | 186.8 | 62.68 | 175.6 | 60.60 | 169.6 | 57.76 | 164.4 | 55.28 | 153.6 | 52.52 |
|        | -9.8              | -11      | 197.6                     | 61.52 | 186.8 | 60.08 | 175.6 | 58.12 | 169.6 | 55.40 | 164.4 | 53.08 | 153.6 | 50.40 |
|        | -9.5              | -10      | 197.6                     | 61.12 | 186.8 | 59.72 | 175.6 | 57.72 | 169.6 | 55.04 | 164.4 | 52.76 | 153.6 | 50.08 |
|        | -8.5              | -9.1     | 197.6                     | 59.84 | 186.8 | 58.44 | 175.6 | 56.52 | 169.6 | 53.88 | 164.4 | 51.64 | 153.6 | 49.04 |
|        | -7                | -7.6     | 197.6                     | 57.96 | 186.8 | 56.56 | 175.6 | 54.68 | 169.6 | 52.12 | 164.4 | 50.00 | 153.6 | 47.40 |
|        | -5                | -5.6     | 197.6                     | 55.52 | 186.8 | 54.04 | 175.6 | 52.24 | 169.6 | 49.84 | 164.4 | 47.88 | 153.6 | 45.40 |
|        | -3                | -3.7     | 197.6                     | 53.08 | 186.8 | 51.60 | 175.6 | 49.88 | 169.6 | 47.56 | 164.4 | 45.72 | 153.6 | 43.32 |
|        | 0                 | -0.7     | 197.6                     | 49.40 | 186.8 | 47.88 | 175.6 | 46.28 | 169.6 | 44.16 | 164.4 | 42.52 | 153.6 | 40.24 |
|        | 3                 | 2.2      | 197.6                     | 45.72 | 186.8 | 44.16 | 175.6 | 42.68 | 169.6 | 40.72 | 164.4 | 39.36 | 153.6 | 37.12 |
|        | 5                 | 4.1      | 187.2                     | 39.92 | 176.0 | 38.28 | 164.8 | 36.92 | 158.8 | 35.16 | 153.6 | 33.92 | 142.4 | 31.80 |
|        | 7                 | 6        | 176.0                     | 34.52 | 165.2 | 32.92 | 153.6 | 31.56 | 147.6 | 30.00 | 142.4 | 29.00 | 131.2 | 26.96 |
|        | 9                 | 7.9      | 164.8                     | 28.44 | 153.6 | 27.00 | 142.4 | 25.72 | 136.0 | 24.44 | 130.8 | 23.52 | 119.2 | 21.76 |
|        | 11                | 9.8      | 153.2                     | 23.92 | 142.0 | 22.64 | 130.4 | 21.52 | 124.4 | 20.36 | 118.8 | 19.52 | 107.2 | 17.92 |
|        | 13                | 11.8     | 141.2                     | 20.12 | 130.0 | 18.92 | 118.0 | 17.88 | 112.0 | 16.88 | 106.4 | 16.16 | 94.80 | 14.72 |
|        | 15                | 13.7     | 128.8                     | 16.88 | 117.2 | 15.80 | 105.6 | 14.88 | 99.20 | 13.96 | 93.60 | 13.32 | 81.60 | 12.08 |
| 60     | -30               | -30.2    | 96.00                     | 74.72 | 96.00 | 75.08 | 95.20 | 83.60 | 92.00 | 79.16 | 88.80 | 75.04 | 83.20 | 71.40 |
|        | -24.8             | -25      | 159.6                     | 75.48 | 159.6 | 75.84 | 150.4 | 72.56 | 145.6 | 68.80 | 140.4 | 65.28 | 131.6 | 62.00 |
|        | -21.8             | -22      | 169.6                     | 75.24 | 160.4 | 72.40 | 150.4 | 68.68 | 145.6 | 65.16 | 140.4 | 61.88 | 131.6 | 58.68 |
|        | -19.8             | -20      | 169.6                     | 72.32 | 160.4 | 69.68 | 150.4 | 66.08 | 145.6 | 62.72 | 140.4 | 59.56 | 131.6 | 56.48 |
|        | -18.8             | -19      | 169.6                     | 70.92 | 160.4 | 68.32 | 150.4 | 64.84 | 145.6 | 61.56 | 140.4 | 58.44 | 131.6 | 55.36 |
|        | -16.7             | -17      | 169.6                     | 68.04 | 160.4 | 65.44 | 150.4 | 62.08 | 145.6 | 59.00 | 140.4 | 56.08 | 131.6 | 53.08 |
|        | -15               | -15.9    | 169.6                     | 66.00 | 160.4 | 63.40 | 150.4 | 60.16 | 145.6 | 57.20 | 140.4 | 54.36 | 131.6 | 51.44 |
|        | -13.7             | -15      | 169.6                     | 63.96 | 160.4 | 61.40 | 150.4 | 58.24 | 145.6 | 55.40 | 140.4 | 52.68 | 131.6 | 49.80 |
|        | -11.8             | -13      | 169.6                     | 61.36 | 160.4 | 58.80 | 150.4 | 55.80 | 145.6 | 53.12 | 140.4 | 50.52 | 131.6 | 47.72 |
|        | -9.8              | -11      | 169.6                     | 58.60 | 160.4 | 56.08 | 150.4 | 53.28 | 145.6 | 50.72 | 140.4 | 48.28 | 131.6 | 45.56 |
|        | -9.5              | -10      | 169.6                     | 58.20 | 160.4 | 55.68 | 150.4 | 52.92 | 145.6 | 50.36 | 140.4 | 47.92 | 131.6 | 45.24 |
|        | -8.5              | -9.1     | 169.6                     | 56.84 | 160.4 | 54.36 | 150.4 | 51.64 | 145.6 | 49.20 | 140.4 | 46.84 | 131.6 | 44.16 |
|        | -7                | -7.6     | 169.6                     | 54.84 | 160.4 | 52.36 | 150.4 | 49.72 | 145.6 | 47.40 | 140.4 | 45.16 | 131.6 | 42.52 |
|        | -5                | -5.6     | 169.6                     | 52.16 | 160.4 | 49.72 | 150.4 | 47.28 | 145.6 | 45.08 | 140.4 | 42.96 | 131.6 | 40.44 |
|        | -3                | -3.7     | 169.6                     | 49.56 | 160.4 | 47.12 | 150.4 | 44.80 | 145.6 | 42.76 | 140.4 | 40.76 | 131.6 | 38.32 |
|        | 0                 | -0.7     | 169.6                     | 45.56 | 160.4 | 43.16 | 150.4 | 41.08 | 145.6 | 39.28 | 140.4 | 37.52 | 131.6 | 35.16 |
|        | 3                 | 2.2      | 169.6                     | 41.60 | 160.4 | 39.24 | 150.4 | 37.36 | 145.6 | 35.80 | 140.4 | 34.24 | 131.6 | 32.00 |
|        | 5                 | 4.1      | 160.4                     | 36.00 | 151.2 | 33.76 | 141.2 | 32.04 | 136.4 | 30.68 | 131.2 | 29.32 | 122.0 | 27.20 |
|        | 7                 | 6        | 151.2                     | 30.84 | 142.0 | 28.68 | 131.6 | 27.16 | 126.8 | 26.00 | 121.6 | 24.80 | 112.4 | 22.88 |
|        | 9                 | 7.9      | 141.6                     | 25.16 | 132.0 | 23.32 | 122.0 | 21.96 | 116.8 | 21.00 | 111.6 | 20.00 | 102.4 | 18.32 |
|        | 11                | 9.8      | 131.6                     | 21.32 | 122.0 | 19.68 | 111.6 | 18.48 | 106.8 | 17.64 | 101.2 | 16.76 | 92.00 | 15.24 |
|        | 13                | 11.8     | 121.2                     | 18.00 | 111.6 | 16.56 | 101.2 | 15.52 | 96.00 | 14.76 | 90.80 | 13.96 | 81.20 | 12.64 |
|        | 15                | 13.7     | 110.8                     | 15.24 | 100.8 | 13.96 | 90.40 | 13.00 | 85.20 | 12.32 | 80.00 | 11.68 | 70.00 | 10.48 |
| 50     | -30               | -30.2    | 89.60                     | 64.56 | 84.40 | 72.00 | 79.20 | 68.20 | 76.80 | 64.68 | 74.00 | 61.24 | 69.20 | 58.24 |
|        | -24.8             | -25      | 141.6                     | 61.96 | 133.6 | 62.48 | 125.6 | 59.20 | 121.6 | 56.16 | 117.2 | 53.28 | 109.2 | 50.56 |
|        | -21.8             | -22      | 141.6                     | 62.36 | 133.6 | 59.12 | 125.6 | 56.04 | 121.6 | 53.16 | 117.2 | 50.48 | 109.2 | 47.84 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 141.6                     | 60.00 | 133.6 | 56.84 | 125.6 | 53.92 | 121.6 | 51.16 | 117.2 | 48.60 | 109.2 | 46.04 |
|        | -18.8             | -19      | 141.6                     | 58.84 | 133.6 | 55.72 | 125.6 | 52.92 | 121.6 | 50.16 | 117.2 | 47.68 | 109.2 | 45.20 |
|        | -16.7             | -17      | 141.6                     | 56.40 | 133.6 | 53.40 | 125.6 | 50.68 | 121.6 | 48.04 | 117.2 | 45.72 | 109.2 | 43.32 |
|        | -15               | -15.9    | 141.6                     | 54.64 | 133.6 | 51.68 | 125.6 | 49.12 | 121.6 | 46.56 | 117.2 | 44.32 | 109.2 | 41.96 |
|        | -13.7             | -15      | 141.6                     | 52.88 | 133.6 | 50.00 | 125.6 | 47.52 | 121.6 | 45.08 | 117.2 | 42.96 | 109.2 | 40.64 |
|        | -11.8             | -13      | 141.6                     | 50.64 | 133.6 | 47.92 | 125.6 | 45.60 | 121.6 | 43.24 | 117.2 | 41.20 | 109.2 | 38.96 |
|        | -9.8              | -11      | 141.6                     | 48.36 | 133.6 | 45.68 | 125.6 | 43.48 | 121.6 | 41.24 | 117.2 | 39.36 | 109.2 | 37.20 |
|        | -9.5              | -10      | 141.6                     | 48.00 | 133.6 | 45.36 | 125.6 | 43.16 | 121.6 | 40.96 | 117.2 | 39.12 | 109.2 | 36.92 |
|        | -8.5              | -9.1     | 141.6                     | 46.88 | 133.6 | 44.24 | 125.6 | 42.16 | 121.6 | 40.00 | 117.2 | 38.20 | 109.2 | 36.04 |
|        | -7                | -7.6     | 141.6                     | 45.08 | 133.6 | 42.60 | 125.6 | 40.60 | 121.6 | 38.52 | 117.2 | 36.80 | 109.2 | 34.72 |
|        | -5                | -5.6     | 141.6                     | 42.84 | 133.6 | 40.44 | 125.6 | 38.60 | 121.6 | 36.64 | 117.2 | 35.04 | 109.2 | 33.00 |
|        | -3                | -3.7     | 141.6                     | 40.64 | 133.6 | 38.28 | 125.6 | 36.56 | 121.6 | 34.68 | 117.2 | 33.24 | 109.2 | 31.28 |
|        | 0                 | -0.7     | 141.6                     | 37.24 | 133.6 | 35.00 | 125.6 | 33.52 | 121.6 | 31.84 | 117.2 | 30.60 | 109.2 | 28.72 |
|        | 3                 | 2.2      | 141.6                     | 33.84 | 133.6 | 31.80 | 125.6 | 30.52 | 121.6 | 28.96 | 117.2 | 27.92 | 109.2 | 26.16 |
|        | 5                 | 4.1      | 134.0                     | 29.28 | 126.0 | 27.36 | 118.0 | 26.24 | 114.0 | 24.84 | 109.6 | 24.00 | 101.2 | 22.32 |
|        | 7                 | 6        | 126.4                     | 25.08 | 118.0 | 23.32 | 110.0 | 22.32 | 106.0 | 21.12 | 101.6 | 20.40 | 93.20 | 18.88 |
|        | 9                 | 7.9      | 118.0                     | 20.80 | 110.0 | 19.28 | 101.6 | 18.40 | 97.60 | 17.36 | 93.20 | 16.72 | 84.80 | 15.40 |
|        | 11                | 9.8      | 110.0                     | 17.76 | 101.6 | 16.40 | 93.20 | 15.60 | 89.20 | 14.68 | 84.80 | 14.12 | 76.40 | 12.92 |
|        | 13                | 11.8     | 101.2                     | 15.12 | 92.80 | 13.92 | 84.40 | 13.20 | 80.40 | 12.40 | 76.00 | 11.88 | 67.20 | 10.84 |
|        | 15                | 13.7     | 92.40                     | 12.92 | 84.00 | 11.88 | 75.60 | 11.20 | 71.20 | 10.48 | 66.80 | 10.04 | 58.00 | 9.08  |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM820LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 100.7                     | 88.48 | 100.7 | 89.12 | 100.0 | 89.70 | 100.0 | 90.53 | 100.0 | 91.40 | 98.10 | 92.74 |
|        | -24.8             | -25      | 167.8                     | 90.61 | 167.8 | 91.27 | 166.6 | 91.83 | 166.6 | 92.70 | 166.6 | 93.54 | 163.7 | 94.85 |
|        | -21.8             | -22      | 205.7                     | 91.84 | 205.7 | 92.50 | 204.3 | 93.08 | 204.3 | 93.95 | 204.3 | 94.78 | 200.3 | 96.09 |
|        | -19.8             | -20      | 217.8                     | 92.69 | 217.8 | 93.33 | 216.2 | 93.91 | 216.2 | 94.78 | 216.2 | 95.61 | 212.3 | 96.92 |
|        | -18.8             | -19      | 222.8                     | 93.08 | 222.8 | 93.75 | 221.3 | 94.32 | 221.3 | 95.19 | 221.3 | 96.01 | 217.0 | 97.33 |
|        | -16.7             | -17      | 233.1                     | 93.96 | 233.1 | 94.61 | 231.5 | 95.19 | 231.5 | 96.06 | 231.5 | 96.89 | 227.2 | 98.20 |
|        | -15               | -15.9    | 240.2                     | 94.58 | 240.2 | 95.24 | 238.9 | 95.80 | 238.9 | 96.67 | 238.9 | 97.51 | 234.2 | 96.38 |
|        | -13.7             | -15      | 247.7                     | 95.21 | 247.7 | 95.85 | 246.2 | 96.43 | 246.2 | 97.30 | 246.2 | 98.13 | 241.4 | 94.55 |
|        | -11.8             | -13      | 255.7                     | 95.99 | 255.7 | 96.63 | 254.2 | 97.20 | 254.2 | 98.09 | 254.2 | 95.69 | 250.4 | 92.25 |
|        | -9.8              | -11      | 264.2                     | 96.81 | 264.2 | 97.47 | 262.5 | 98.03 | 262.5 | 95.53 | 262.5 | 93.13 | 259.9 | 89.83 |
|        | -9.5              | -10      | 265.7                     | 96.96 | 265.7 | 97.57 | 264.2 | 97.63 | 264.2 | 95.13 | 264.0 | 92.76 | 261.3 | 89.45 |
|        | -8.5              | -9.1     | 270.8                     | 97.35 | 270.8 | 97.99 | 269.2 | 96.33 | 269.2 | 93.81 | 268.1 | 91.47 | 266.2 | 88.24 |
|        | -7                | -7.6     | 278.6                     | 97.97 | 278.6 | 96.12 | 276.6 | 94.36 | 276.6 | 91.89 | 276.6 | 89.53 | 273.3 | 86.44 |
|        | -5                | -5.6     | 288.8                     | 95.59 | 288.8 | 93.59 | 286.9 | 91.79 | 286.9 | 89.36 | 286.9 | 87.03 | 282.6 | 84.06 |
|        | -3                | -3.7     | 299.0                     | 93.19 | 299.0 | 91.11 | 297.0 | 89.22 | 297.0 | 86.80 | 297.0 | 84.51 | 291.2 | 81.42 |
|        | 0                 | -0.7     | 314.3                     | 89.63 | 314.3 | 87.40 | 312.2 | 85.36 | 312.2 | 83.01 | 312.2 | 80.75 | 291.5 | 74.32 |
|        | 3                 | 2.2      | 329.7                     | 86.06 | 329.7 | 83.63 | 327.4 | 81.52 | 324.6 | 78.50 | 313.1 | 73.60 | 291.5 | 70.72 |
|        | 5                 | 4.1      | 325.1                     | 79.01 | 314.5 | 72.86 | 312.1 | 70.76 | 304.1 | 66.92 | 292.3 | 63.97 | 270.6 | 61.66 |
|        | 7                 | 6        | 298.4                     | 65.14 | 295.0 | 62.21 | 291.2 | 60.04 | 282.6 | 57.52 | 271.0 | 55.51 | 248.8 | 53.16 |
|        | 9                 | 7.9      | 278.5                     | 56.88 | 274.7 | 54.35 | 269.4 | 52.01 | 260.7 | 50.10 | 248.8 | 48.18 | 226.6 | 45.81 |
| 120    | 11                | 9.8      | 258.8                     | 50.18 | 253.6 | 47.70 | 247.1 | 45.39 | 237.8 | 43.54 | 226.2 | 41.72 | 203.4 | 39.32 |
|        | 13                | 11.8     | 238.6                     | 43.78 | 232.0 | 41.34 | 223.8 | 39.03 | 214.3 | 37.32 | 202.4 | 35.60 | 179.7 | 33.22 |
|        | 15                | 13.7     | 217.5                     | 37.63 | 209.5 | 35.30 | 199.7 | 33.06 | 190.0 | 31.45 | 178.0 | 29.87 | 154.9 | 27.54 |
|        | -30               | -30.2    | 100.0                     | 89.12 | 100.0 | 89.70 | 99.30 | 90.53 | 99.30 | 91.40 | 99.30 | 92.74 | 97.40 | 93.63 |
|        | -24.8             | -25      | 166.5                     | 91.27 | 166.5 | 91.83 | 165.5 | 92.70 | 165.5 | 93.54 | 165.5 | 94.85 | 162.5 | 95.77 |
|        | -21.8             | -22      | 204.3                     | 92.50 | 204.3 | 93.08 | 202.9 | 93.95 | 202.9 | 94.78 | 202.9 | 96.09 | 199.2 | 97.01 |
|        | -19.8             | -20      | 216.1                     | 93.33 | 216.1 | 93.91 | 214.8 | 94.78 | 214.8 | 95.61 | 214.8 | 96.92 | 210.6 | 97.82 |
|        | -18.8             | -19      | 221.1                     | 93.75 | 221.1 | 94.32 | 219.5 | 95.19 | 219.5 | 96.01 | 219.5 | 97.33 | 215.4 | 98.24 |
|        | -16.7             | -17      | 231.3                     | 94.61 | 231.3 | 95.19 | 229.8 | 96.06 | 229.8 | 96.89 | 229.8 | 98.20 | 225.3 | 95.88 |
|        | -15               | -15.9    | 238.6                     | 95.24 | 238.6 | 95.80 | 237.0 | 96.67 | 237.0 | 97.51 | 237.0 | 96.45 | 232.5 | 94.20 |
|        | -13.7             | -15      | 245.7                     | 95.85 | 245.7 | 96.43 | 244.4 | 97.30 | 244.4 | 98.13 | 244.4 | 94.70 | 239.6 | 92.54 |
|        | -11.8             | -13      | 253.9                     | 96.63 | 253.9 | 97.20 | 252.3 | 98.09 | 252.3 | 95.66 | 252.3 | 92.49 | 248.7 | 90.43 |
|        | -9.8              | -11      | 262.1                     | 97.47 | 262.1 | 98.03 | 260.6 | 95.38 | 260.6 | 93.07 | 260.6 | 90.19 | 258.2 | 88.21 |
|        | -9.5              | -10      | 264.0                     | 97.57 | 264.0 | 97.61 | 262.1 | 95.00 | 262.1 | 92.70 | 262.1 | 89.83 | 259.6 | 87.85 |
|        | -8.5              | -9.1     | 268.9                     | 97.99 | 268.9 | 96.18 | 267.1 | 93.65 | 267.1 | 91.41 | 267.1 | 88.68 | 264.3 | 86.74 |
|        | -7                | -7.6     | 276.5                     | 95.91 | 276.5 | 94.05 | 274.7 | 91.63 | 274.7 | 89.46 | 274.7 | 86.96 | 271.2 | 85.07 |
|        | -5                | -5.6     | 286.8                     | 93.14 | 286.8 | 91.26 | 284.8 | 88.96 | 284.8 | 86.92 | 284.8 | 84.67 | 273.8 | 80.81 |
|        | -3                | -3.7     | 296.7                     | 90.39 | 296.7 | 88.51 | 295.0 | 86.32 | 295.0 | 84.40 | 294.6 | 82.33 | 273.8 | 76.55 |
|        | 0                 | -0.7     | 312.0                     | 86.28 | 312.0 | 84.33 | 310.0 | 82.37 | 304.2 | 79.08 | 294.6 | 75.08 | 273.8 | 73.45 |
|        | 3                 | 2.2      | 327.2                     | 82.15 | 327.2 | 80.14 | 314.5 | 75.82 | 304.2 | 72.85 | 294.6 | 71.70 | 273.8 | 70.33 |
|        | 5                 | 4.1      | 313.4                     | 71.61 | 308.8 | 68.76 | 295.3 | 65.49 | 284.8 | 64.03 | 275.1 | 63.07 | 254.0 | 61.57 |
|        | 7                 | 6        | 295.2                     | 61.16 | 289.6 | 58.80 | 275.2 | 57.14 | 264.9 | 55.74 | 254.9 | 54.95 | 233.8 | 53.31 |
|        | 9                 | 7.9      | 276.4                     | 53.69 | 269.8 | 51.59 | 254.7 | 49.86 | 244.4 | 48.51 | 234.2 | 47.66 | 212.9 | 45.90 |
|        | 11                | 9.8      | 256.9                     | 47.31 | 249.1 | 45.22 | 233.5 | 43.42 | 222.9 | 42.13 | 212.8 | 41.22 | 191.1 | 39.38 |
|        | 13                | 11.8     | 236.8                     | 41.20 | 227.9 | 39.16 | 211.6 | 37.37 | 200.9 | 36.09 | 190.6 | 35.17 | 168.6 | 33.28 |
|        | 15                | 13.7     | 215.9                     | 35.40 | 205.7 | 33.40 | 189.0 | 31.64 | 178.0 | 30.43 | 167.5 | 29.49 | 145.4 | 27.60 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |        |       |        |       |        |       |        |       |        |       |        |
|--------|-------------------|----------|---------------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
|        |                   |          | 16.0                      |        | 18.0  |        | 20.0  |        | 21.0  |        | 22.0  |        | 24.0  |        |
|        | (°C, DB)          | (°C, WB) | TC                        | PI     | TC    | PI     | TC    | PI     | TC    | PI     | TC    | PI     | TC    | PI     |
| 110    | -30               | -30.2    | 99.60                     | 89.70  | 99.60 | 90.53  | 98.90 | 91.40  | 98.90 | 92.74  | 98.90 | 93.63  | 96.80 | 94.08  |
|        | -24.8             | -25      | 165.8                     | 91.83  | 165.8 | 92.70  | 164.7 | 93.54  | 164.7 | 94.85  | 164.7 | 95.77  | 161.3 | 96.22  |
|        | -21.8             | -22      | 203.1                     | 93.08  | 203.1 | 93.95  | 201.6 | 94.78  | 201.6 | 96.09  | 201.6 | 97.01  | 198.1 | 97.43  |
|        | -19.8             | -20      | 215.1                     | 93.91  | 215.1 | 94.78  | 213.7 | 95.61  | 213.7 | 96.92  | 213.7 | 97.82  | 209.6 | 98.27  |
|        | -18.8             | -19      | 219.9                     | 94.32  | 219.9 | 95.19  | 218.4 | 96.01  | 218.4 | 97.33  | 218.4 | 98.24  | 214.4 | 97.03  |
|        | -16.7             | -17      | 230.1                     | 95.19  | 230.1 | 96.06  | 228.6 | 96.89  | 228.6 | 98.20  | 228.6 | 99.11  | 224.2 | 97.80  |
|        | -15               | -15.9    | 237.2                     | 95.80  | 237.2 | 96.67  | 235.8 | 97.51  | 235.8 | 98.26  | 235.8 | 99.07  | 233.5 | 98.52  |
|        | -13.7             | -15      | 244.4                     | 96.43  | 244.4 | 97.30  | 243.0 | 98.13  | 243.0 | 98.88  | 243.0 | 99.69  | 243.0 | 99.06  |
|        | -11.8             | -13      | 252.3                     | 97.20  | 252.3 | 98.09  | 250.9 | 98.92  | 250.9 | 99.63  | 250.9 | 100.44 | 246.4 | 99.87  |
|        | -9.8              | -11      | 260.8                     | 98.03  | 260.8 | 98.92  | 259.3 | 99.75  | 259.3 | 100.44 | 259.3 | 101.25 | 246.4 | 100.68 |
|        | -9.5              | -10      | 262.1                     | 97.54  | 262.1 | 98.47  | 260.8 | 99.00  | 260.8 | 99.75  | 260.8 | 100.50 | 246.4 | 100.19 |
|        | -8.5              | -9.1     | 267.3                     | 98.17  | 267.3 | 98.92  | 265.9 | 99.57  | 265.9 | 100.32 | 265.9 | 101.07 | 246.4 | 100.84 |
|        | -7                | -7.6     | 275.2                     | 98.80  | 275.2 | 99.55  | 273.4 | 100.20 | 273.4 | 100.95 | 273.4 | 101.70 | 246.4 | 101.47 |
|        | -5                | -5.6     | 285.0                     | 99.43  | 285.0 | 100.18 | 282.3 | 100.83 | 282.3 | 101.58 | 282.3 | 102.33 | 246.4 | 102.10 |
|        | -3                | -3.7     | 295.2                     | 100.06 | 295.2 | 100.81 | 292.3 | 101.46 | 292.3 | 102.23 | 292.3 | 103.03 | 246.4 | 102.73 |
|        | 0                 | -0.7     | 310.3                     | 100.69 | 310.3 | 101.44 | 307.3 | 102.09 | 307.3 | 102.80 | 307.3 | 103.60 | 246.4 | 103.36 |
|        | 3                 | 2.2      | 318.5                     | 101.32 | 318.5 | 102.07 | 315.5 | 102.72 | 315.5 | 103.43 | 315.5 | 104.23 | 246.4 | 103.99 |
|        | 5                 | 4.1      | 301.5                     | 101.95 | 283.9 | 102.70 | 264.9 | 103.35 | 255.6 | 104.00 | 246.4 | 104.60 | 228.7 | 104.62 |
|        | 7                 | 6        | 284.0                     | 102.58 | 266.1 | 103.35 | 247.1 | 103.90 | 237.8 | 104.55 | 228.3 | 105.15 | 210.4 | 105.17 |
|        | 9                 | 7.9      | 265.9                     | 103.21 | 247.7 | 103.90 | 228.7 | 104.45 | 219.3 | 105.10 | 209.9 | 105.70 | 191.4 | 105.72 |
|        | 11                | 9.8      | 247.1                     | 103.84 | 228.9 | 104.45 | 209.8 | 105.00 | 200.2 | 105.65 | 190.7 | 106.25 | 172.0 | 106.27 |
|        | 13                | 11.8     | 227.9                     | 104.47 | 209.4 | 105.00 | 190.0 | 105.55 | 180.4 | 106.20 | 170.7 | 106.80 | 151.7 | 106.82 |
|        | 15                | 13.7     | 207.8                     | 105.10 | 189.0 | 105.55 | 169.5 | 106.10 | 159.9 | 106.75 | 150.0 | 107.35 | 130.9 | 107.37 |
| 100    | -30               | -30.2    | 98.90                     | 102.7  | 98.90 | 102.3  | 98.50 | 89.18  | 98.50 | 101.3  | 98.50 | 98.52  | 96.50 | 100.6  |
|        | -24.8             | -25      | 165.1                     | 101.5  | 165.1 | 101.1  | 164.1 | 94.18  | 164.1 | 100.1  | 164.1 | 99.63  | 160.6 | 99.43  |
|        | -21.8             | -22      | 202.0                     | 100.8  | 202.0 | 100.4  | 200.9 | 97.08  | 200.9 | 99.38  | 200.9 | 100.3  | 197.0 | 98.74  |
|        | -19.8             | -20      | 214.1                     | 100.3  | 214.1 | 99.90  | 212.9 | 98.87  | 212.9 | 98.91  | 212.9 | 98.94  | 208.7 | 98.27  |
|        | -18.8             | -19      | 218.8                     | 100.1  | 217.7 | 99.68  | 217.7 | 99.28  | 217.7 | 98.66  | 217.7 | 98.24  | 213.4 | 96.74  |
|        | -16.7             | -17      | 227.6                     | 99.63  | 227.6 | 99.20  | 227.6 | 100.1  | 226.3 | 98.20  | 226.3 | 95.08  | 222.2 | 93.52  |
|        | -15               | -15.9    | 235.5                     | 99.27  | 235.5 | 98.85  | 234.6 | 99.14  | 234.2 | 95.91  | 234.2 | 92.82  | 225.2 | 89.40  |
|        | -13.7             | -15      | 243.3                     | 98.93  | 243.3 | 98.52  | 241.8 | 98.13  | 241.8 | 93.62  | 241.7 | 90.49  | 225.2 | 84.33  |
|        | -11.8             | -13      | 251.1                     | 98.49  | 249.8 | 98.09  | 249.8 | 95.09  | 249.8 | 90.71  | 241.7 | 84.82  | 225.2 | 81.58  |
|        | -9.8              | -11      | 259.5                     | 98.03  | 259.5 | 94.69  | 258.3 | 91.88  | 249.9 | 84.88  | 241.7 | 80.36  | 225.2 | 78.67  |
|        | -9.5              | -10      | 260.8                     | 97.49  | 260.8 | 94.16  | 258.3 | 90.88  | 249.9 | 83.96  | 241.7 | 79.93  | 225.2 | 78.22  |
|        | -8.5              | -9.1     | 266.0                     | 95.75  | 266.0 | 92.45  | 258.3 | 87.55  | 249.9 | 81.32  | 241.7 | 78.51  | 225.2 | 76.76  |
|        | -7                | -7.6     | 278.2                     | 93.07  | 274.7 | 89.22  | 258.3 | 82.90  | 249.9 | 79.16  | 241.7 | 76.36  | 225.2 | 74.59  |
|        | -5                | -5.6     | 290.2                     | 89.56  | 274.7 | 82.80  | 258.3 | 79.92  | 249.9 | 76.31  | 241.7 | 73.56  | 225.2 | 71.72  |
|        | -3                | -3.7     | 291.2                     | 83.98  | 274.7 | 78.95  | 258.3 | 76.92  | 249.9 | 73.47  | 241.7 | 70.75  | 225.2 | 68.85  |
|        | 0                 | -0.7     | 291.2                     | 76.68  | 274.7 | 74.16  | 258.3 | 72.42  | 249.9 | 69.20  | 241.7 | 66.51  | 225.2 | 64.54  |
|        | 3                 | 2.2      | 291.2                     | 71.69  | 274.7 | 69.39  | 258.3 | 67.93  | 249.9 | 64.93  | 241.7 | 62.31  | 225.2 | 60.25  |
|        | 5                 | 4.1      | 275.7                     | 62.94  | 259.0 | 60.72  | 242.5 | 59.30  | 233.9 | 56.61  | 225.7 | 54.09  | 209.0 | 51.89  |
|        | 7                 | 6        | 259.7                     | 54.76  | 242.9 | 52.65  | 226.2 | 51.31  | 217.5 | 48.85  | 209.2 | 46.51  | 192.4 | 44.22  |
|        | 9                 | 7.9      | 243.0                     | 47.96  | 226.2 | 45.92  | 209.3 | 44.51  | 200.7 | 42.26  | 192.1 | 40.12  | 175.0 | 37.89  |
|        | 11                | 9.8      | 226.0                     | 42.00  | 208.9 | 40.00  | 192.0 | 38.57  | 183.2 | 36.50  | 174.6 | 34.52  | 157.2 | 32.36  |
|        | 13                | 11.8     | 208.1                     | 36.34  | 191.0 | 34.41  | 173.9 | 32.98  | 165.1 | 31.11  | 156.3 | 29.31  | 138.7 | 27.23  |
|        | 15                | 13.7     | 190.0                     | 31.00  | 172.6 | 29.21  | 155.1 | 27.78  | 146.3 | 26.11  | 137.5 | 24.50  | 119.6 | 22.53  |
| 90     | -30               | -30.2    | 98.70                     | 88.36  | 98.70 | 89.59  | 97.90 | 90.57  | 97.90 | 90.94  | 97.90 | 91.87  | 96.10 | 102.5  |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 164.5                     | 90.48 | 164.5 | 91.78 | 163.4 | 92.72 | 163.4 | 93.13 | 163.4 | 94.01 | 160.2 | 95.35 |
|        | -21.8             | -22      | 201.3                     | 91.71 | 201.3 | 93.03 | 200.2 | 93.95 | 200.2 | 94.38 | 200.2 | 95.26 | 196.1 | 91.24 |
|        | -19.8             | -20      | 213.4                     | 92.54 | 213.4 | 93.87 | 212.0 | 94.79 | 212.0 | 95.22 | 212.0 | 92.46 | 205.7 | 87.60 |
|        | -18.8             | -19      | 218.8                     | 92.97 | 217.7 | 94.28 | 216.6 | 95.19 | 216.6 | 93.78 | 216.6 | 91.07 | 205.7 | 84.35 |
|        | -16.7             | -17      | 227.6                     | 93.84 | 227.6 | 95.15 | 226.6 | 92.23 | 226.6 | 90.77 | 221.7 | 86.19 | 205.7 | 79.97 |
|        | -15               | -15.9    | 235.5                     | 94.45 | 235.5 | 92.96 | 233.8 | 90.13 | 229.0 | 86.79 | 221.7 | 82.88 | 205.7 | 78.02 |
|        | -13.7             | -15      | 243.3                     | 95.08 | 243.3 | 90.74 | 236.4 | 86.26 | 229.0 | 82.18 | 221.7 | 79.67 | 205.7 | 76.10 |
|        | -11.8             | -13      | 251.1                     | 92.08 | 249.8 | 87.99 | 236.4 | 81.06 | 229.0 | 79.48 | 221.7 | 77.17 | 205.7 | 73.63 |
|        | -9.8              | -11      | 259.5                     | 88.93 | 250.9 | 82.26 | 236.4 | 78.30 | 229.0 | 76.75 | 221.7 | 74.55 | 205.7 | 71.05 |
|        | -9.5              | -10      | 260.8                     | 88.44 | 250.9 | 81.40 | 236.4 | 77.89 | 229.0 | 76.34 | 221.7 | 74.14 | 205.7 | 70.66 |
|        | -8.5              | -9.1     | 266.0                     | 86.89 | 250.9 | 79.02 | 236.4 | 76.56 | 229.0 | 75.00 | 221.7 | 72.82 | 205.7 | 69.38 |
|        | -7                | -7.6     | 266.7                     | 81.05 | 250.9 | 76.84 | 236.4 | 74.56 | 229.0 | 72.96 | 221.7 | 70.85 | 205.7 | 67.43 |
|        | -5                | -5.6     | 266.7                     | 77.24 | 250.9 | 74.12 | 236.4 | 71.94 | 229.0 | 70.29 | 221.7 | 68.26 | 205.7 | 64.91 |
|        | -3                | -3.7     | 266.7                     | 74.31 | 250.9 | 71.39 | 236.4 | 69.32 | 229.0 | 67.62 | 221.7 | 65.65 | 205.7 | 62.37 |
|        | 0                 | -0.7     | 266.7                     | 69.90 | 250.9 | 67.29 | 236.4 | 65.39 | 229.0 | 63.61 | 221.7 | 61.75 | 205.7 | 58.57 |
|        | 3                 | 2.2      | 266.7                     | 65.47 | 250.9 | 63.19 | 236.4 | 61.44 | 229.0 | 59.63 | 221.7 | 57.85 | 205.7 | 54.73 |
|        | 5                 | 4.1      | 252.4                     | 57.62 | 236.6 | 55.53 | 222.0 | 53.82 | 214.3 | 51.99 | 207.0 | 50.31 | 191.0 | 47.28 |
|        | 7                 | 6        | 237.7                     | 50.29 | 221.8 | 48.40 | 207.0 | 46.70 | 199.3 | 44.92 | 191.9 | 43.38 | 175.7 | 40.45 |
|        | 9                 | 7.9      | 222.6                     | 43.61 | 206.5 | 41.78 | 191.6 | 40.15 | 183.9 | 38.51 | 176.3 | 37.07 | 159.9 | 34.36 |
|        | 11                | 9.8      | 206.9                     | 37.45 | 190.7 | 35.72 | 175.6 | 34.12 | 167.9 | 32.64 | 160.2 | 31.32 | 143.5 | 28.81 |
|        | 13                | 11.8     | 190.8                     | 31.80 | 174.6 | 30.18 | 159.2 | 28.68 | 151.1 | 27.32 | 143.4 | 26.13 | 126.7 | 23.84 |
|        | 15                | 13.7     | 174.0                     | 26.66 | 157.5 | 25.18 | 142.1 | 23.74 | 134.0 | 22.57 | 126.1 | 21.47 | 109.3 | 19.44 |
| 80     | -30               | -30.2    | 98.20                     | 77.62 | 98.20 | 78.99 | 97.60 | 79.94 | 97.60 | 78.81 | 97.60 | 90.98 | 95.80 | 87.21 |
|        | -24.8             | -25      | 163.8                     | 79.83 | 163.8 | 81.15 | 162.7 | 82.09 | 162.7 | 82.52 | 162.7 | 84.70 | 159.5 | 81.16 |
|        | -21.8             | -22      | 199.2                     | 81.10 | 199.2 | 82.39 | 199.2 | 83.33 | 199.2 | 84.64 | 197.7 | 80.50 | 183.9 | 73.71 |
|        | -19.8             | -20      | 211.0                     | 81.92 | 211.0 | 83.24 | 210.9 | 84.55 | 205.0 | 79.75 | 197.7 | 74.65 | 183.9 | 71.47 |
|        | -18.8             | -19      | 215.8                     | 82.34 | 215.8 | 84.58 | 211.3 | 81.58 | 205.0 | 76.84 | 197.7 | 73.51 | 183.9 | 70.41 |
|        | -16.7             | -17      | 222.9                     | 84.53 | 222.9 | 81.91 | 211.3 | 76.49 | 205.0 | 74.15 | 197.7 | 71.13 | 183.9 | 68.11 |
|        | -15               | -15.9    | 227.9                     | 82.56 | 225.1 | 79.84 | 211.3 | 74.66 | 205.0 | 72.35 | 197.7 | 69.41 | 183.9 | 66.46 |
|        | -13.7             | -15      | 233.0                     | 80.58 | 225.1 | 76.98 | 211.3 | 72.83 | 205.0 | 70.54 | 197.7 | 67.70 | 183.9 | 64.81 |
|        | -11.8             | -13      | 238.7                     | 78.06 | 225.1 | 73.54 | 211.3 | 70.52 | 205.0 | 68.27 | 197.7 | 65.54 | 183.9 | 62.73 |
|        | -9.8              | -11      | 238.9                     | 73.56 | 225.1 | 70.09 | 211.3 | 68.09 | 205.0 | 65.85 | 197.7 | 63.25 | 183.9 | 60.53 |
|        | -9.5              | -10      | 238.9                     | 72.63 | 225.1 | 69.30 | 211.3 | 67.72 | 205.0 | 65.49 | 197.7 | 62.91 | 183.9 | 60.22 |
|        | -8.5              | -9.1     | 238.9                     | 70.67 | 225.1 | 67.81 | 211.3 | 66.50 | 205.0 | 64.30 | 197.7 | 61.81 | 183.9 | 59.14 |
|        | -7                | -7.6     | 238.9                     | 68.08 | 225.1 | 65.98 | 211.3 | 64.68 | 205.0 | 62.49 | 197.7 | 60.11 | 183.9 | 57.48 |
|        | -5                | -5.6     | 238.9                     | 65.62 | 225.1 | 63.63 | 211.3 | 62.27 | 205.0 | 60.14 | 197.7 | 57.84 | 183.9 | 55.33 |
|        | -3                | -3.7     | 238.9                     | 63.16 | 225.1 | 61.24 | 211.3 | 59.89 | 205.0 | 57.76 | 197.7 | 55.61 | 183.9 | 53.16 |
|        | 0                 | -0.7     | 238.9                     | 59.45 | 225.1 | 57.69 | 211.3 | 56.31 | 205.0 | 54.22 | 197.7 | 52.24 | 183.9 | 49.95 |
|        | 3                 | 2.2      | 238.9                     | 55.76 | 225.1 | 54.12 | 211.3 | 52.70 | 205.0 | 50.64 | 197.7 | 48.89 | 183.9 | 46.71 |
|        | 5                 | 4.1      | 226.2                     | 49.19 | 212.2 | 47.59 | 198.3 | 46.10 | 192.0 | 44.16 | 184.7 | 42.56 | 170.6 | 40.45 |
|        | 7                 | 6        | 213.0                     | 43.04 | 199.0 | 41.49 | 185.0 | 39.96 | 178.4 | 38.15 | 171.1 | 36.71 | 156.9 | 34.70 |
|        | 9                 | 7.9      | 199.4                     | 36.85 | 185.4 | 35.41 | 171.2 | 33.92 | 164.6 | 32.29 | 157.1 | 31.00 | 142.9 | 29.13 |
|        | 11                | 9.8      | 185.3                     | 30.95 | 171.2 | 29.61 | 156.9 | 28.25 | 150.3 | 26.80 | 142.7 | 25.66 | 128.4 | 23.94 |
|        | 13                | 11.8     | 170.9                     | 25.96 | 156.5 | 24.70 | 142.2 | 23.45 | 135.3 | 22.19 | 127.8 | 21.16 | 113.2 | 19.59 |
|        | 15                | 13.7     | 155.8                     | 21.75 | 141.4 | 20.59 | 126.9 | 19.43 | 120.0 | 18.32 | 112.4 | 17.41 | 97.70 | 16.00 |
| 70     | -30               | -30.2    | 98.20                     | 78.04 | 98.20 | 78.50 | 97.60 | 79.38 | 97.60 | 89.75 | 97.60 | 85.45 | 95.80 | 81.54 |
|        | -24.8             | -25      | 163.8                     | 80.24 | 163.8 | 80.69 | 162.7 | 81.57 | 162.7 | 82.90 | 162.7 | 79.01 | 157.5 | 74.41 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 190.8                     | 81.51 | 190.8 | 81.95 | 180.0 | 78.60 | 173.9 | 74.90 | 168.5 | 71.43 | 157.5 | 68.10 |
|        | -19.8             | -20      | 202.6                     | 79.78 | 191.2 | 78.54 | 180.0 | 75.95 | 173.9 | 72.41 | 168.5 | 69.11 | 157.5 | 65.83 |
|        | -18.8             | -19      | 202.6                     | 78.54 | 191.2 | 77.22 | 180.0 | 74.66 | 173.9 | 71.15 | 168.5 | 67.92 | 157.5 | 64.69 |
|        | -16.7             | -17      | 202.6                     | 75.72 | 191.2 | 74.34 | 180.0 | 71.91 | 173.9 | 68.52 | 168.5 | 65.49 | 157.5 | 62.31 |
|        | -15               | -15.9    | 202.6                     | 73.72 | 191.2 | 72.32 | 180.0 | 69.93 | 173.9 | 66.65 | 168.5 | 63.74 | 157.5 | 60.63 |
|        | -13.7             | -15      | 202.6                     | 71.71 | 191.2 | 70.29 | 180.0 | 67.96 | 173.9 | 64.80 | 168.5 | 61.98 | 157.5 | 58.92 |
|        | -11.8             | -13      | 202.6                     | 69.17 | 191.2 | 67.73 | 180.0 | 65.48 | 173.9 | 62.42 | 168.5 | 59.76 | 157.5 | 56.80 |
|        | -9.8              | -11      | 202.6                     | 66.51 | 191.2 | 65.01 | 180.0 | 62.87 | 173.9 | 59.94 | 168.5 | 57.45 | 157.5 | 54.54 |
|        | -9.5              | -10      | 202.6                     | 66.11 | 191.2 | 64.60 | 180.0 | 62.47 | 173.9 | 59.55 | 168.5 | 57.09 | 157.5 | 54.21 |
|        | -8.5              | -9.1     | 202.6                     | 64.78 | 191.2 | 63.27 | 180.0 | 61.17 | 173.9 | 58.31 | 168.5 | 55.91 | 157.5 | 53.07 |
|        | -7                | -7.6     | 202.6                     | 62.77 | 191.2 | 61.25 | 180.0 | 59.23 | 173.9 | 56.46 | 168.5 | 54.17 | 157.5 | 51.38 |
|        | -5                | -5.6     | 202.6                     | 60.14 | 191.2 | 58.57 | 180.0 | 56.62 | 173.9 | 54.00 | 168.5 | 51.88 | 157.5 | 49.18 |
|        | -3                | -3.7     | 202.6                     | 57.52 | 191.2 | 55.91 | 180.0 | 54.04 | 173.9 | 51.55 | 168.5 | 49.57 | 157.5 | 46.94 |
|        | 0                 | -0.7     | 202.6                     | 53.57 | 191.2 | 51.91 | 180.0 | 50.19 | 173.9 | 47.87 | 168.5 | 46.15 | 157.5 | 43.61 |
|        | 3                 | 2.2      | 202.6                     | 49.62 | 191.2 | 47.91 | 180.0 | 46.30 | 173.9 | 44.20 | 168.5 | 42.70 | 157.5 | 40.27 |
|        | 5                 | 4.1      | 191.8                     | 43.43 | 180.2 | 41.68 | 169.0 | 40.17 | 162.9 | 38.27 | 157.3 | 36.94 | 146.2 | 34.64 |
|        | 7                 | 6        | 180.6                     | 37.70 | 169.0 | 35.96 | 157.5 | 34.49 | 151.4 | 32.79 | 145.9 | 31.68 | 134.6 | 29.47 |
|        | 9                 | 7.9      | 169.1                     | 31.14 | 157.3 | 29.57 | 145.9 | 28.24 | 139.6 | 26.82 | 134.0 | 25.82 | 122.3 | 23.89 |
|        | 11                | 9.8      | 157.1                     | 26.31 | 145.4 | 24.89 | 133.6 | 23.68 | 127.5 | 22.41 | 121.7 | 21.52 | 110.0 | 19.79 |
|        | 13                | 11.8     | 144.8                     | 22.19 | 133.0 | 20.91 | 121.2 | 19.78 | 114.8 | 18.67 | 109.0 | 17.88 | 97.10 | 16.35 |
|        | 15                | 13.7     | 132.2                     | 18.70 | 120.0 | 17.54 | 108.2 | 16.53 | 101.8 | 15.53 | 95.80 | 14.83 | 83.70 | 13.46 |
| 60     | -30               | -30.2    | 97.80                     | 77.24 | 97.80 | 78.12 | 97.00 | 89.07 | 94.30 | 84.38 | 91.00 | 80.06 | 85.40 | 76.14 |
|        | -24.8             | -25      | 162.9                     | 79.45 | 162.9 | 80.33 | 154.3 | 77.92 | 149.1 | 73.51 | 143.9 | 69.79 | 134.9 | 66.28 |
|        | -21.8             | -22      | 173.9                     | 80.17 | 164.4 | 77.43 | 154.3 | 73.44 | 149.1 | 69.73 | 143.9 | 66.22 | 134.9 | 62.83 |
|        | -19.8             | -20      | 173.9                     | 77.38 | 164.4 | 74.58 | 154.3 | 70.76 | 149.1 | 67.21 | 143.9 | 63.86 | 134.9 | 60.55 |
|        | -18.8             | -19      | 173.9                     | 75.96 | 164.4 | 73.17 | 154.3 | 69.43 | 149.1 | 65.96 | 143.9 | 62.67 | 134.9 | 59.39 |
|        | -16.7             | -17      | 173.9                     | 72.94 | 164.4 | 70.19 | 154.3 | 66.61 | 149.1 | 63.31 | 143.9 | 60.19 | 134.9 | 56.99 |
|        | -15               | -15.9    | 173.9                     | 70.80 | 164.4 | 68.06 | 154.3 | 64.60 | 149.1 | 61.43 | 143.9 | 58.41 | 134.9 | 55.29 |
|        | -13.7             | -15      | 173.9                     | 68.66 | 164.4 | 65.96 | 154.3 | 62.61 | 149.1 | 59.55 | 143.9 | 56.65 | 134.9 | 53.58 |
|        | -11.8             | -13      | 173.9                     | 65.96 | 164.4 | 63.26 | 154.3 | 60.06 | 149.1 | 57.15 | 143.9 | 54.41 | 134.9 | 51.41 |
|        | -9.8              | -11      | 173.9                     | 63.11 | 164.4 | 60.43 | 154.3 | 57.39 | 149.1 | 54.67 | 143.9 | 52.05 | 134.9 | 49.13 |
|        | -9.5              | -10      | 173.9                     | 62.69 | 164.4 | 60.00 | 154.3 | 57.00 | 149.1 | 54.28 | 143.9 | 51.69 | 134.9 | 48.78 |
|        | -8.5              | -9.1     | 173.9                     | 61.27 | 164.4 | 58.60 | 154.3 | 55.68 | 149.1 | 53.04 | 143.9 | 50.51 | 134.9 | 47.64 |
|        | -7                | -7.6     | 173.9                     | 59.15 | 164.4 | 56.50 | 154.3 | 53.67 | 149.1 | 51.16 | 143.9 | 48.76 | 134.9 | 45.93 |
|        | -5                | -5.6     | 173.9                     | 56.30 | 164.4 | 53.68 | 154.3 | 51.04 | 149.1 | 48.69 | 143.9 | 46.44 | 134.9 | 43.70 |
|        | -3                | -3.7     | 173.9                     | 53.51 | 164.4 | 50.90 | 154.3 | 48.39 | 149.1 | 46.21 | 143.9 | 44.10 | 134.9 | 41.43 |
|        | 0                 | -0.7     | 173.9                     | 49.27 | 164.4 | 46.71 | 154.3 | 44.45 | 149.1 | 42.49 | 143.9 | 40.59 | 134.9 | 38.06 |
|        | 3                 | 2.2      | 173.9                     | 45.04 | 164.4 | 42.51 | 154.3 | 40.48 | 149.1 | 38.80 | 143.9 | 37.12 | 134.9 | 34.67 |
|        | 5                 | 4.1      | 164.6                     | 39.13 | 155.1 | 36.69 | 144.8 | 34.85 | 139.6 | 33.39 | 134.4 | 31.89 | 125.2 | 29.61 |
|        | 7                 | 6        | 155.1                     | 33.66 | 145.3 | 31.34 | 135.1 | 29.70 | 129.9 | 28.40 | 124.5 | 27.14 | 115.1 | 25.00 |
|        | 9                 | 7.9      | 145.2                     | 27.57 | 135.3 | 25.56 | 125.0 | 24.09 | 119.7 | 23.01 | 114.5 | 21.95 | 104.9 | 20.10 |
|        | 11                | 9.8      | 134.9                     | 23.43 | 125.1 | 21.67 | 114.6 | 20.36 | 109.4 | 19.39 | 103.9 | 18.46 | 94.30 | 16.81 |
|        | 13                | 11.8     | 124.3                     | 19.89 | 114.4 | 18.31 | 103.8 | 17.15 | 98.40 | 16.29 | 93.00 | 15.46 | 83.10 | 14.01 |
|        | 15                | 13.7     | 113.5                     | 16.90 | 103.3 | 15.51 | 92.60 | 14.42 | 87.20 | 13.69 | 81.80 | 12.95 | 71.70 | 11.67 |
| 50     | -30               | -30.2    | 91.70                     | 67.21 | 86.50 | 77.25 | 81.30 | 73.15 | 78.60 | 69.34 | 76.10 | 65.68 | 70.80 | 62.44 |
|        | -24.8             | -25      | 145.0                     | 65.86 | 136.8 | 67.12 | 128.5 | 63.61 | 124.4 | 60.33 | 120.2 | 57.25 | 111.8 | 54.35 |
|        | -21.8             | -22      | 145.0                     | 67.08 | 136.8 | 63.58 | 128.5 | 60.29 | 124.4 | 57.19 | 120.2 | 54.30 | 111.8 | 51.52 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 145.0                     | 64.60 | 136.8 | 61.20 | 128.5 | 58.08 | 124.4 | 55.08 | 120.2 | 52.34 | 111.8 | 49.61 |
|        | -18.8             | -19      | 145.0                     | 63.36 | 136.8 | 60.01 | 128.5 | 56.98 | 124.4 | 54.07 | 120.2 | 51.36 | 111.8 | 48.70 |
|        | -16.7             | -17      | 145.0                     | 60.78 | 136.8 | 57.54 | 128.5 | 54.67 | 124.4 | 51.85 | 120.2 | 49.33 | 111.8 | 46.72 |
|        | -15               | -15.9    | 145.0                     | 58.93 | 136.8 | 55.76 | 128.5 | 53.00 | 124.4 | 50.27 | 120.2 | 47.87 | 111.8 | 45.32 |
|        | -13.7             | -15      | 145.0                     | 57.09 | 136.8 | 54.00 | 128.5 | 51.35 | 124.4 | 48.72 | 120.2 | 46.40 | 111.8 | 43.91 |
|        | -11.8             | -13      | 145.0                     | 54.76 | 136.8 | 51.78 | 128.5 | 49.26 | 124.4 | 46.73 | 120.2 | 44.56 | 111.8 | 42.13 |
|        | -9.8              | -11      | 145.0                     | 52.31 | 136.8 | 49.42 | 128.5 | 47.05 | 124.4 | 44.63 | 120.2 | 42.59 | 111.8 | 40.25 |
|        | -9.5              | -10      | 145.0                     | 51.93 | 136.8 | 49.08 | 128.5 | 46.72 | 124.4 | 44.33 | 120.2 | 42.33 | 111.8 | 39.97 |
|        | -8.5              | -9.1     | 145.0                     | 50.70 | 136.8 | 47.89 | 128.5 | 45.62 | 124.4 | 43.29 | 120.2 | 41.35 | 111.8 | 39.02 |
|        | -7                | -7.6     | 145.0                     | 48.87 | 136.8 | 46.13 | 128.5 | 43.98 | 124.4 | 41.74 | 120.2 | 39.90 | 111.8 | 37.64 |
|        | -5                | -5.6     | 145.0                     | 46.42 | 136.8 | 43.81 | 128.5 | 41.81 | 124.4 | 39.68 | 120.2 | 37.97 | 111.8 | 35.78 |
|        | -3                | -3.7     | 145.0                     | 44.01 | 136.8 | 41.48 | 128.5 | 39.61 | 124.4 | 37.60 | 120.2 | 36.05 | 111.8 | 33.95 |
|        | 0                 | -0.7     | 145.0                     | 40.38 | 136.8 | 37.96 | 128.5 | 36.35 | 124.4 | 34.51 | 120.2 | 33.18 | 111.8 | 31.15 |
|        | 3                 | 2.2      | 145.0                     | 36.73 | 136.8 | 34.50 | 128.5 | 33.11 | 124.4 | 31.41 | 120.2 | 30.31 | 111.8 | 28.38 |
|        | 5                 | 4.1      | 137.2                     | 31.86 | 129.0 | 29.80 | 120.7 | 28.55 | 116.6 | 27.06 | 112.3 | 26.12 | 103.6 | 24.31 |
|        | 7                 | 6        | 129.3                     | 27.38 | 121.0 | 25.49 | 112.5 | 24.40 | 108.4 | 23.09 | 104.1 | 22.29 | 95.40 | 20.63 |
|        | 9                 | 7.9      | 121.0                     | 22.77 | 112.6 | 21.14 | 104.1 | 20.15 | 99.80 | 19.03 | 95.60 | 18.34 | 86.80 | 16.88 |
|        | 11                | 9.8      | 112.5                     | 19.50 | 104.0 | 18.03 | 95.40 | 17.14 | 91.20 | 16.18 | 86.80 | 15.55 | 78.00 | 14.24 |
|        | 13                | 11.8     | 103.6                     | 16.68 | 95.10 | 15.38 | 86.40 | 14.57 | 82.10 | 13.71 | 77.90 | 13.14 | 68.80 | 11.99 |
|        | 15                | 13.7     | 94.70                     | 14.29 | 85.90 | 13.15 | 77.30 | 12.41 | 72.80 | 11.65 | 68.40 | 11.15 | 59.40 | 10.11 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.



## 7. Capacity Tables

### ARUM840LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 102.6                     | 90.56 | 102.6 | 91.39 | 101.9 | 92.10 | 101.9 | 93.15 | 101.9 | 94.19 | 100.4 | 95.88 |
|        | -24.8             | -25      | 171.0                     | 93.24 | 171.0 | 94.08 | 169.7 | 94.78 | 169.7 | 95.86 | 169.7 | 96.90 | 167.4 | 98.53 |
|        | -21.8             | -22      | 209.8                     | 94.80 | 209.8 | 95.62 | 208.5 | 96.33 | 208.5 | 97.42 | 208.5 | 98.46 | 205.1 | 100.1 |
|        | -19.8             | -20      | 222.4                     | 95.84 | 222.4 | 96.65 | 220.8 | 97.37 | 220.8 | 98.45 | 220.8 | 99.48 | 217.6 | 101.1 |
|        | -18.8             | -19      | 227.6                     | 96.35 | 227.6 | 97.18 | 226.1 | 97.88 | 226.1 | 98.96 | 226.1 | 99.99 | 222.6 | 101.6 |
|        | -16.7             | -17      | 238.2                     | 97.44 | 238.2 | 98.25 | 236.7 | 98.97 | 236.7 | 100.0 | 236.7 | 101.1 | 233.2 | 102.7 |
|        | -15               | -15.9    | 245.8                     | 98.20 | 245.8 | 99.03 | 244.4 | 99.73 | 244.4 | 100.8 | 244.4 | 101.9 | 240.5 | 100.8 |
|        | -13.7             | -15      | 253.6                     | 98.99 | 253.6 | 99.79 | 251.9 | 100.5 | 251.9 | 101.6 | 251.9 | 102.6 | 247.9 | 98.94 |
|        | -11.8             | -13      | 261.8                     | 99.96 | 261.8 | 100.8 | 260.2 | 101.5 | 260.2 | 102.6 | 260.2 | 100.1 | 257.1 | 96.56 |
|        | -9.8              | -11      | 270.6                     | 101.0 | 270.6 | 101.8 | 269.0 | 102.5 | 269.0 | 99.93 | 269.0 | 97.47 | 266.7 | 94.06 |
|        | -9.5              | -10      | 272.4                     | 101.2 | 272.4 | 101.9 | 270.8 | 102.1 | 270.8 | 99.52 | 270.3 | 97.09 | 268.0 | 93.67 |
|        | -8.5              | -9.1     | 278.8                     | 101.7 | 278.8 | 102.5 | 277.2 | 100.8 | 277.2 | 98.17 | 274.7 | 95.75 | 272.9 | 92.42 |
|        | -7                | -7.6     | 288.5                     | 102.4 | 288.5 | 100.5 | 286.4 | 98.75 | 286.4 | 96.20 | 286.4 | 93.76 | 281.5 | 90.56 |
|        | -5                | -5.6     | 301.2                     | 100.0 | 301.2 | 97.97 | 299.1 | 96.11 | 299.1 | 93.61 | 298.9 | 91.13 | 290.9 | 88.02 |
|        | -3                | -3.7     | 313.0                     | 97.33 | 313.0 | 95.20 | 311.2 | 93.31 | 309.6 | 90.38 | 307.4 | 87.45 | 298.3 | 84.86 |
|        | 0                 | -0.7     | 325.7                     | 92.19 | 325.7 | 89.91 | 323.7 | 87.90 | 322.1 | 85.38 | 319.9 | 83.07 | 298.6 | 77.39 |
|        | 3                 | 2.2      | 338.5                     | 88.57 | 338.5 | 86.08 | 336.4 | 83.92 | 332.5 | 80.97 | 320.7 | 76.39 | 298.6 | 73.53 |
|        | 5                 | 4.1      | 332.7                     | 81.47 | 322.2 | 75.24 | 319.7 | 73.04 | 311.5 | 69.39 | 299.4 | 66.47 | 277.2 | 64.07 |
|        | 7                 | 6        | 305.6                     | 67.63 | 302.2 | 64.58 | 298.3 | 62.28 | 289.5 | 59.76 | 277.6 | 57.66 | 254.9 | 55.22 |
|        | 9                 | 7.9      | 285.2                     | 59.10 | 281.4 | 56.47 | 276.0 | 54.01 | 267.0 | 52.03 | 254.9 | 50.03 | 232.1 | 47.55 |
| 120    | 11                | 9.8      | 265.1                     | 52.13 | 259.8 | 49.53 | 253.1 | 47.12 | 243.6 | 45.18 | 231.7 | 43.29 | 208.3 | 40.79 |
|        | 13                | 11.8     | 244.4                     | 45.45 | 237.7 | 42.91 | 229.3 | 40.50 | 219.5 | 38.71 | 207.3 | 36.91 | 184.1 | 34.42 |
|        | 15                | 13.7     | 222.8                     | 39.05 | 214.6 | 36.62 | 204.6 | 34.27 | 194.6 | 32.59 | 182.3 | 30.93 | 158.6 | 28.49 |
|        | -30               | -30.2    | 101.9                     | 91.39 | 101.9 | 92.10 | 101.1 | 93.15 | 101.1 | 94.19 | 101.1 | 95.88 | 99.60 | 97.00 |
|        | -24.8             | -25      | 169.7                     | 94.08 | 169.7 | 94.78 | 168.6 | 95.86 | 168.6 | 96.90 | 168.6 | 98.53 | 166.2 | 99.67 |
|        | -21.8             | -22      | 208.5                     | 95.62 | 208.5 | 96.33 | 207.1 | 97.42 | 207.1 | 98.46 | 207.1 | 100.1 | 204.0 | 101.2 |
|        | -19.8             | -20      | 220.8                     | 96.65 | 220.8 | 97.37 | 219.3 | 98.45 | 219.3 | 99.48 | 219.3 | 101.1 | 215.8 | 102.2 |
|        | -18.8             | -19      | 225.8                     | 97.18 | 225.8 | 97.88 | 224.3 | 98.96 | 224.3 | 99.99 | 224.3 | 101.6 | 220.9 | 102.8 |
|        | -16.7             | -17      | 236.4                     | 98.25 | 236.4 | 98.97 | 235.0 | 100.0 | 235.0 | 101.1 | 235.0 | 102.7 | 231.3 | 100.3 |
|        | -15               | -15.9    | 244.1                     | 99.03 | 244.1 | 99.73 | 242.4 | 100.8 | 242.4 | 101.9 | 242.4 | 100.9 | 238.7 | 98.59 |
|        | -13.7             | -15      | 251.5                     | 99.79 | 251.5 | 100.5 | 250.1 | 101.6 | 250.1 | 102.6 | 250.1 | 99.10 | 246.2 | 96.87 |
|        | -11.8             | -13      | 260.0                     | 100.8 | 260.0 | 101.5 | 258.3 | 102.6 | 258.3 | 100.1 | 258.3 | 96.82 | 255.4 | 94.68 |
|        | -9.8              | -11      | 268.5                     | 101.8 | 268.5 | 102.5 | 266.9 | 99.78 | 266.9 | 97.41 | 266.9 | 94.44 | 264.8 | 92.39 |
|        | -9.5              | -10      | 270.6                     | 101.9 | 270.6 | 102.1 | 268.8 | 99.39 | 268.8 | 97.03 | 268.8 | 94.06 | 266.6 | 92.02 |
|        | -8.5              | -9.1     | 276.9                     | 102.5 | 276.9 | 100.6 | 275.0 | 98.00 | 275.0 | 95.69 | 274.5 | 92.89 | 272.0 | 90.87 |
|        | -7                | -7.6     | 286.3                     | 100.3 | 286.3 | 98.41 | 284.6 | 95.92 | 284.6 | 93.69 | 282.4 | 91.10 | 278.0 | 88.77 |
|        | -5                | -5.6     | 299.1                     | 97.50 | 299.1 | 95.56 | 297.1 | 93.19 | 295.6 | 90.66 | 293.7 | 87.82 | 280.4 | 84.24 |
|        | -3                | -3.7     | 310.6                     | 94.44 | 309.9 | 92.32 | 306.0 | 89.50 | 304.0 | 87.01 | 301.8 | 84.70 | 280.4 | 79.64 |
|        | 0                 | -0.7     | 323.3                     | 88.75 | 322.6 | 86.72 | 318.4 | 84.72 | 311.6 | 81.61 | 301.8 | 77.97 | 280.4 | 76.31 |
| 110    | 3                 | 2.2      | 335.9                     | 84.57 | 335.2 | 82.52 | 322.2 | 78.53 | 311.6 | 75.73 | 301.8 | 74.55 | 280.4 | 73.14 |
|        | 5                 | 4.1      | 321.1                     | 73.97 | 316.4 | 71.16 | 302.5 | 68.05 | 291.7 | 66.56 | 281.8 | 65.55 | 260.2 | 63.99 |
|        | 7                 | 6        | 302.4                     | 63.52 | 296.7 | 61.09 | 282.0 | 59.36 | 271.3 | 57.91 | 261.2 | 57.07 | 239.4 | 55.36 |
|        | 9                 | 7.9      | 283.1                     | 55.78 | 276.4 | 53.59 | 260.9 | 51.78 | 250.3 | 50.38 | 239.9 | 49.48 | 218.0 | 47.64 |
|        | 11                | 9.8      | 263.2                     | 49.14 | 255.2 | 46.95 | 239.2 | 45.07 | 228.3 | 43.73 | 218.0 | 42.76 | 195.7 | 40.84 |
|        | 13                | 11.8     | 242.6                     | 42.77 | 233.4 | 40.64 | 216.8 | 38.76 | 205.8 | 37.42 | 195.3 | 36.46 | 172.7 | 34.47 |
|        | 15                | 13.7     | 221.2                     | 36.72 | 210.7 | 34.64 | 193.6 | 32.78 | 182.4 | 31.52 | 171.6 | 30.53 | 148.9 | 28.55 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 101.4                     | 92.10 | 101.4 | 93.15 | 100.8 | 94.19 | 100.8 | 95.88 | 100.8 | 97.00 | 99.10 | 97.56 |
|        | -24.8             | -25      | 168.9                     | 94.78 | 168.9 | 95.86 | 167.8 | 96.90 | 167.8 | 98.53 | 167.8 | 99.67 | 165.0 | 100.2 |
|        | -21.8             | -22      | 207.3                     | 96.33 | 207.3 | 97.42 | 205.8 | 98.46 | 205.8 | 100.1 | 205.8 | 101.2 | 202.9 | 101.8 |
|        | -19.8             | -20      | 219.6                     | 97.37 | 219.6 | 98.45 | 218.2 | 99.48 | 218.2 | 101.1 | 218.2 | 102.2 | 214.7 | 102.8 |
|        | -18.8             | -19      | 224.5                     | 97.88 | 224.5 | 98.96 | 223.2 | 99.99 | 223.2 | 101.6 | 223.2 | 102.8 | 219.8 | 101.5 |
|        | -16.7             | -17      | 235.3                     | 98.97 | 235.3 | 100.0 | 233.8 | 101.1 | 233.8 | 102.7 | 233.8 | 100.1 | 230.2 | 98.77 |
|        | -15               | -15.9    | 242.7                     | 99.73 | 242.7 | 100.8 | 241.2 | 101.9 | 241.2 | 100.7 | 241.2 | 98.25 | 239.3 | 96.83 |
|        | -13.7             | -15      | 250.2                     | 100.5 | 250.2 | 101.6 | 248.7 | 102.6 | 248.7 | 98.72 | 248.7 | 96.37 | 248.7 | 94.91 |
|        | -11.8             | -13      | 258.3                     | 101.5 | 258.3 | 102.6 | 257.0 | 99.83 | 257.0 | 96.20 | 257.0 | 93.95 | 252.4 | 90.78 |
|        | -9.8              | -11      | 267.2                     | 102.5 | 267.2 | 99.43 | 265.6 | 96.89 | 265.6 | 93.55 | 265.6 | 91.47 | 252.4 | 85.75 |
|        | -9.5              | -10      | 268.8                     | 102.0 | 268.8 | 98.95 | 267.5 | 96.42 | 267.5 | 93.15 | 267.5 | 91.09 | 252.4 | 84.73 |
|        | -8.5              | -9.1     | 275.2                     | 100.3 | 275.2 | 97.38 | 273.7 | 94.95 | 273.7 | 91.84 | 270.3 | 88.81 | 252.4 | 83.01 |
|        | -7                | -7.6     | 284.9                     | 97.77 | 284.9 | 95.02 | 281.8 | 92.35 | 279.7 | 88.87 | 270.3 | 84.51 | 252.4 | 81.02 |
|        | -5                | -5.6     | 297.3                     | 94.46 | 295.0 | 91.26 | 289.2 | 88.13 | 279.7 | 83.06 | 270.3 | 80.57 | 252.4 | 78.64 |
|        | -3                | -3.7     | 306.9                     | 90.34 | 303.5 | 87.18 | 289.2 | 82.64 | 279.7 | 79.50 | 270.3 | 77.98 | 252.4 | 76.26 |
|        | 0                 | -0.7     | 319.3                     | 84.46 | 308.3 | 80.53 | 289.2 | 77.65 | 279.7 | 75.85 | 270.3 | 74.53 | 252.4 | 72.70 |
|        | 3                 | 2.2      | 326.2                     | 78.20 | 308.3 | 74.72 | 289.2 | 73.56 | 279.7 | 72.20 | 270.3 | 71.07 | 252.4 | 69.13 |
|        | 5                 | 4.1      | 308.8                     | 67.15 | 290.7 | 65.74 | 271.4 | 64.60 | 261.9 | 63.42 | 252.4 | 62.36 | 234.2 | 60.22 |
|        | 7                 | 6        | 290.9                     | 58.63 | 272.6 | 57.30 | 253.1 | 56.17 | 243.6 | 55.20 | 233.9 | 54.21 | 215.6 | 51.90 |
|        | 9                 | 7.9      | 272.3                     | 51.51 | 253.7 | 50.13 | 234.2 | 48.85 | 224.7 | 47.87 | 214.9 | 46.87 | 196.1 | 44.55 |
|        | 11                | 9.8      | 253.1                     | 45.24 | 234.4 | 43.78 | 214.9 | 42.43 | 205.1 | 41.43 | 195.3 | 40.40 | 176.2 | 38.12 |
|        | 13                | 11.8     | 233.4                     | 39.22 | 214.5 | 37.75 | 194.7 | 36.35 | 184.8 | 35.37 | 174.8 | 34.35 | 155.4 | 32.09 |
|        | 15                | 13.7     | 212.8                     | 33.55 | 193.6 | 32.09 | 173.7 | 30.66 | 163.8 | 29.72 | 153.7 | 28.72 | 134.0 | 26.54 |
| 100    | -30               | -30.2    | 100.8                     | 105.5 | 100.8 | 105.3 | 100.3 | 92.74 | 100.3 | 104.7 | 100.3 | 102.0 | 98.60 | 104.3 |
|        | -24.8             | -25      | 168.1                     | 104.7 | 168.1 | 104.5 | 167.1 | 97.95 | 167.1 | 103.9 | 167.1 | 103.7 | 164.2 | 103.6 |
|        | -21.8             | -22      | 206.1                     | 104.3 | 206.1 | 104.1 | 205.0 | 101.0 | 205.0 | 103.5 | 205.0 | 104.6 | 201.7 | 103.1 |
|        | -19.8             | -20      | 218.6                     | 104.0 | 218.6 | 103.7 | 217.4 | 102.9 | 217.4 | 103.2 | 217.4 | 103.4 | 214.0 | 102.8 |
|        | -18.8             | -19      | 223.6                     | 103.8 | 222.4 | 103.6 | 222.4 | 103.4 | 222.4 | 103.0 | 222.4 | 102.8 | 218.8 | 101.2 |
|        | -16.7             | -17      | 232.7                     | 103.6 | 232.7 | 103.3 | 232.7 | 104.4 | 231.4 | 102.7 | 231.4 | 99.48 | 228.0 | 97.85 |
|        | -15               | -15.9    | 241.0                     | 103.3 | 241.0 | 103.1 | 240.0 | 103.5 | 239.6 | 100.3 | 239.6 | 97.12 | 230.6 | 93.32 |
|        | -13.7             | -15      | 249.1                     | 103.1 | 249.1 | 102.9 | 247.5 | 102.6 | 247.5 | 97.96 | 247.5 | 94.73 | 230.6 | 88.01 |
|        | -11.8             | -13      | 257.2                     | 102.8 | 255.8 | 102.6 | 255.8 | 99.47 | 255.8 | 94.95 | 247.6 | 88.84 | 230.6 | 84.60 |
|        | -9.8              | -11      | 265.7                     | 102.5 | 265.7 | 99.05 | 264.6 | 96.15 | 256.0 | 88.86 | 247.6 | 83.96 | 230.6 | 81.55 |
|        | -9.5              | -10      | 267.5                     | 101.9 | 267.5 | 98.51 | 264.6 | 94.99 | 256.0 | 87.80 | 247.6 | 83.31 | 230.6 | 81.09 |
|        | -8.5              | -9.1     | 273.8                     | 100.1 | 273.8 | 96.74 | 264.6 | 91.20 | 256.0 | 84.29 | 247.6 | 81.39 | 230.6 | 79.59 |
|        | -7                | -7.6     | 287.5                     | 97.22 | 281.4 | 92.44 | 264.6 | 85.91 | 256.0 | 82.08 | 247.6 | 79.19 | 230.6 | 77.36 |
|        | -5                | -5.6     | 297.5                     | 92.86 | 281.4 | 85.85 | 264.6 | 82.87 | 256.0 | 79.15 | 247.6 | 76.31 | 230.6 | 74.42 |
|        | -3                | -3.7     | 298.4                     | 87.11 | 281.4 | 81.90 | 264.6 | 79.81 | 256.0 | 76.24 | 247.6 | 73.43 | 230.6 | 71.47 |
|        | 0                 | -0.7     | 298.4                     | 79.59 | 281.4 | 77.00 | 264.6 | 75.20 | 256.0 | 71.87 | 247.6 | 69.10 | 230.6 | 67.05 |
|        | 3                 | 2.2      | 298.4                     | 74.51 | 281.4 | 72.12 | 264.6 | 70.61 | 256.0 | 67.50 | 247.6 | 64.78 | 230.6 | 62.64 |
|        | 5                 | 4.1      | 282.6                     | 65.42 | 265.3 | 63.11 | 248.4 | 61.63 | 239.6 | 58.84 | 231.2 | 56.22 | 214.0 | 53.92 |
|        | 7                 | 6        | 266.1                     | 56.90 | 248.8 | 54.70 | 231.7 | 53.30 | 222.8 | 50.74 | 214.4 | 48.31 | 197.0 | 45.92 |
|        | 9                 | 7.9      | 249.0                     | 49.80 | 231.7 | 47.67 | 214.4 | 46.19 | 205.6 | 43.85 | 196.8 | 41.63 | 179.2 | 39.29 |
|        | 11                | 9.8      | 231.6                     | 43.55 | 214.0 | 41.48 | 196.6 | 39.98 | 187.7 | 37.82 | 178.9 | 35.78 | 160.9 | 33.51 |
|        | 13                | 11.8     | 213.3                     | 37.65 | 195.7 | 35.64 | 178.1 | 34.14 | 169.1 | 32.19 | 160.1 | 30.31 | 142.0 | 28.14 |
|        | 15                | 13.7     | 194.7                     | 32.08 | 176.8 | 30.20 | 158.9 | 28.71 | 149.9 | 26.97 | 140.8 | 25.30 | 122.5 | 23.24 |
| 90     | -30               | -30.2    | 100.5                     | 90.74 | 100.5 | 92.30 | 99.80 | 93.50 | 99.80 | 93.98 | 99.80 | 95.12 | 98.30 | 106.8 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 167.5                     | 93.41 | 167.5 | 95.03 | 166.4 | 96.19 | 166.4 | 96.70 | 166.4 | 97.80 | 163.8 | 99.46 |
|        | -21.8             | -22      | 205.4                     | 94.94 | 205.4 | 96.59 | 204.2 | 97.73 | 204.2 | 98.26 | 204.2 | 99.36 | 200.9 | 95.22 |
|        | -19.8             | -20      | 217.9                     | 95.99 | 217.9 | 97.63 | 216.4 | 98.77 | 216.4 | 99.31 | 216.4 | 96.48 | 210.8 | 91.46 |
|        | -18.8             | -19      | 223.6                     | 96.51 | 222.4 | 98.14 | 221.3 | 99.27 | 221.3 | 97.83 | 221.3 | 95.03 | 210.8 | 88.01 |
|        | -16.7             | -17      | 232.7                     | 97.60 | 232.7 | 99.22 | 231.7 | 96.23 | 231.7 | 94.72 | 227.1 | 90.14 | 210.8 | 83.05 |
|        | -15               | -15.9    | 241.0                     | 98.37 | 241.0 | 96.97 | 239.2 | 94.07 | 234.6 | 90.72 | 227.1 | 86.37 | 210.8 | 80.86 |
|        | -13.7             | -15      | 249.1                     | 99.15 | 249.1 | 94.70 | 242.1 | 90.11 | 234.6 | 85.87 | 227.1 | 82.76 | 210.8 | 78.71 |
|        | -11.8             | -13      | 257.2                     | 96.07 | 255.8 | 91.86 | 242.1 | 84.67 | 234.6 | 82.59 | 227.1 | 79.84 | 210.8 | 76.18 |
|        | -9.8              | -11      | 265.7                     | 92.84 | 257.0 | 85.96 | 242.1 | 81.35 | 234.6 | 79.40 | 227.1 | 77.15 | 210.8 | 73.55 |
|        | -9.5              | -10      | 267.5                     | 92.34 | 257.0 | 84.94 | 242.1 | 80.74 | 234.6 | 78.99 | 227.1 | 76.72 | 210.8 | 73.15 |
|        | -8.5              | -9.1     | 272.6                     | 90.36 | 257.0 | 82.17 | 242.1 | 79.22 | 234.6 | 77.62 | 227.1 | 75.39 | 210.8 | 71.84 |
|        | -7                | -7.6     | 273.2                     | 83.84 | 257.0 | 79.51 | 242.1 | 77.19 | 234.6 | 75.55 | 227.1 | 73.37 | 210.8 | 69.85 |
|        | -5                | -5.6     | 273.2                     | 79.95 | 257.0 | 76.76 | 242.1 | 74.52 | 234.6 | 72.83 | 227.1 | 70.74 | 210.8 | 67.27 |
|        | -3                | -3.7     | 273.2                     | 76.97 | 257.0 | 73.99 | 242.1 | 71.86 | 234.6 | 70.10 | 227.1 | 68.07 | 210.8 | 64.69 |
|        | 0                 | -0.7     | 273.2                     | 72.50 | 257.0 | 69.81 | 242.1 | 67.86 | 234.6 | 66.02 | 227.1 | 64.09 | 210.8 | 60.80 |
|        | 3                 | 2.2      | 273.2                     | 68.01 | 257.0 | 65.65 | 242.1 | 63.85 | 234.6 | 61.96 | 227.1 | 60.12 | 210.8 | 56.88 |
|        | 5                 | 4.1      | 258.5                     | 59.87 | 242.3 | 57.69 | 227.4 | 55.92 | 219.6 | 54.02 | 212.0 | 52.27 | 195.7 | 49.12 |
|        | 7                 | 6        | 243.4                     | 52.26 | 227.2 | 50.29 | 212.0 | 48.51 | 204.2 | 46.67 | 196.6 | 45.06 | 180.0 | 42.01 |
|        | 9                 | 7.9      | 228.0                     | 45.31 | 211.5 | 43.41 | 196.3 | 41.70 | 188.4 | 39.99 | 180.5 | 38.48 | 163.8 | 35.66 |
|        | 11                | 9.8      | 211.9                     | 38.92 | 195.4 | 37.10 | 179.8 | 35.43 | 172.0 | 33.88 | 164.1 | 32.50 | 147.1 | 29.89 |
|        | 13                | 11.8     | 195.5                     | 33.03 | 178.9 | 31.34 | 163.0 | 29.77 | 154.8 | 28.35 | 146.9 | 27.10 | 129.9 | 24.71 |
|        | 15                | 13.7     | 178.3                     | 27.69 | 161.4 | 26.13 | 145.5 | 24.62 | 137.3 | 23.39 | 129.2 | 22.25 | 112.1 | 20.12 |
| 80     | -30               | -30.2    | 100.0                     | 79.54 | 100.0 | 81.23 | 99.40 | 82.42 | 99.40 | 81.01 | 99.40 | 94.86 | 97.90 | 90.97 |
|        | -24.8             | -25      | 166.8                     | 82.29 | 166.8 | 83.94 | 165.7 | 85.10 | 165.7 | 85.64 | 165.7 | 88.36 | 163.1 | 84.70 |
|        | -21.8             | -22      | 203.2                     | 83.87 | 203.2 | 85.49 | 203.2 | 86.65 | 203.2 | 88.29 | 202.0 | 84.13 | 188.4 | 76.88 |
|        | -19.8             | -20      | 215.5                     | 84.91 | 215.5 | 86.55 | 215.4 | 88.18 | 210.0 | 83.47 | 202.6 | 78.04 | 188.4 | 73.89 |
|        | -18.8             | -19      | 220.5                     | 85.43 | 220.5 | 88.22 | 216.5 | 85.35 | 210.0 | 80.41 | 202.6 | 76.51 | 188.4 | 72.79 |
|        | -16.7             | -17      | 228.5                     | 88.16 | 228.5 | 85.45 | 216.5 | 79.77 | 210.0 | 76.91 | 202.6 | 73.54 | 188.4 | 70.45 |
|        | -15               | -15.9    | 234.9                     | 86.13 | 230.6 | 82.85 | 216.5 | 77.50 | 210.0 | 74.92 | 202.6 | 71.78 | 188.4 | 68.75 |
|        | -13.7             | -15      | 239.8                     | 83.62 | 230.6 | 79.55 | 216.5 | 75.29 | 210.0 | 72.93 | 202.6 | 70.03 | 188.4 | 67.06 |
|        | -11.8             | -13      | 244.5                     | 80.69 | 230.6 | 76.02 | 216.5 | 72.92 | 210.0 | 70.62 | 202.6 | 67.82 | 188.4 | 64.94 |
|        | -9.8              | -11      | 244.7                     | 76.18 | 230.6 | 72.58 | 216.5 | 70.44 | 210.0 | 68.15 | 202.6 | 65.47 | 188.4 | 62.68 |
|        | -9.5              | -10      | 244.7                     | 75.23 | 230.6 | 71.74 | 216.5 | 70.06 | 210.0 | 67.78 | 202.6 | 65.13 | 188.4 | 62.36 |
|        | -8.5              | -9.1     | 244.7                     | 73.17 | 230.6 | 70.17 | 216.5 | 68.82 | 210.0 | 66.57 | 202.6 | 64.00 | 188.4 | 61.26 |
|        | -7                | -7.6     | 244.7                     | 70.46 | 230.6 | 68.31 | 216.5 | 66.97 | 210.0 | 64.71 | 202.6 | 62.26 | 188.4 | 59.56 |
|        | -5                | -5.6     | 244.7                     | 67.96 | 230.6 | 65.91 | 216.5 | 64.51 | 210.0 | 62.31 | 202.6 | 59.95 | 188.4 | 57.36 |
|        | -3                | -3.7     | 244.7                     | 65.45 | 230.6 | 63.48 | 216.5 | 62.08 | 210.0 | 59.89 | 202.6 | 57.67 | 188.4 | 55.15 |
|        | 0                 | -0.7     | 244.7                     | 61.68 | 230.6 | 59.88 | 216.5 | 58.44 | 210.0 | 56.28 | 202.6 | 54.23 | 188.4 | 51.86 |
|        | 3                 | 2.2      | 244.7                     | 57.93 | 230.6 | 56.23 | 216.5 | 54.76 | 210.0 | 52.62 | 202.6 | 50.82 | 188.4 | 48.55 |
|        | 5                 | 4.1      | 231.7                     | 51.12 | 217.4 | 49.44 | 203.2 | 47.90 | 196.7 | 45.87 | 189.2 | 44.22 | 174.8 | 42.02 |
|        | 7                 | 6        | 218.1                     | 44.72 | 203.9 | 43.11 | 189.6 | 41.51 | 182.7 | 39.62 | 175.3 | 38.13 | 160.8 | 36.03 |
|        | 9                 | 7.9      | 204.2                     | 38.25 | 189.9 | 36.75 | 175.5 | 35.19 | 168.6 | 33.49 | 161.0 | 32.16 | 146.4 | 30.19 |
|        | 11                | 9.8      | 189.8                     | 32.08 | 175.4 | 30.68 | 160.8 | 29.26 | 153.9 | 27.75 | 146.3 | 26.57 | 131.6 | 24.77 |
|        | 13                | 11.8     | 175.0                     | 26.87 | 160.3 | 25.55 | 145.7 | 24.26 | 138.6 | 22.93 | 131.0 | 21.87 | 116.0 | 20.23 |
|        | 15                | 13.7     | 159.6                     | 22.47 | 144.9 | 21.26 | 130.0 | 20.04 | 122.9 | 18.90 | 115.1 | 17.95 | 100.1 | 16.47 |
| 70     | -30               | -30.2    | 100.0                     | 80.21 | 100.0 | 80.78 | 99.40 | 81.88 | 99.40 | 93.34 | 99.40 | 88.88 | 97.90 | 84.89 |
|        | -24.8             | -25      | 166.8                     | 82.97 | 166.8 | 83.51 | 165.7 | 84.61 | 165.7 | 86.26 | 165.7 | 82.26 | 161.3 | 77.63 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 196.2                     | 84.55 | 195.5 | 84.66 | 184.4 | 81.38 | 178.1 | 77.19 | 172.6 | 73.66 | 161.3 | 70.27 |
|        | -19.8             | -20      | 207.5                     | 83.05 | 195.8 | 81.34 | 184.4 | 78.27 | 178.1 | 74.66 | 172.6 | 71.29 | 161.3 | 67.94 |
|        | -18.8             | -19      | 207.5                     | 81.82 | 195.8 | 79.63 | 184.4 | 76.95 | 178.1 | 73.37 | 172.6 | 70.08 | 161.3 | 66.78 |
|        | -16.7             | -17      | 207.5                     | 78.14 | 195.8 | 76.63 | 184.4 | 74.15 | 178.1 | 70.69 | 172.6 | 67.59 | 161.3 | 64.35 |
|        | -15               | -15.9    | 207.5                     | 76.05 | 195.8 | 74.58 | 184.4 | 72.13 | 178.1 | 68.78 | 172.6 | 65.80 | 161.3 | 62.63 |
|        | -13.7             | -15      | 207.5                     | 73.96 | 195.8 | 72.50 | 184.4 | 70.13 | 178.1 | 66.90 | 172.6 | 64.01 | 161.3 | 60.89 |
|        | -11.8             | -13      | 207.5                     | 71.37 | 195.8 | 69.91 | 184.4 | 67.60 | 178.1 | 64.46 | 172.6 | 61.75 | 161.3 | 58.71 |
|        | -9.8              | -11      | 207.5                     | 68.67 | 195.8 | 67.13 | 184.4 | 64.94 | 178.1 | 61.93 | 172.6 | 59.38 | 161.3 | 56.40 |
|        | -9.5              | -10      | 207.5                     | 68.27 | 195.8 | 66.71 | 184.4 | 64.54 | 178.1 | 61.54 | 172.6 | 59.02 | 161.3 | 56.06 |
|        | -8.5              | -9.1     | 207.5                     | 66.91 | 195.8 | 65.35 | 184.4 | 63.21 | 178.1 | 60.28 | 172.6 | 57.82 | 161.3 | 54.90 |
|        | -7                | -7.6     | 207.5                     | 64.86 | 195.8 | 63.30 | 184.4 | 61.24 | 178.1 | 58.39 | 172.6 | 56.04 | 161.3 | 53.18 |
|        | -5                | -5.6     | 207.5                     | 62.20 | 195.8 | 60.59 | 184.4 | 58.57 | 178.1 | 55.89 | 172.6 | 53.71 | 161.3 | 50.92 |
|        | -3                | -3.7     | 207.5                     | 59.54 | 195.8 | 57.88 | 184.4 | 55.95 | 178.1 | 53.39 | 172.6 | 51.36 | 161.3 | 48.64 |
|        | 0                 | -0.7     | 207.5                     | 55.53 | 195.8 | 53.81 | 184.4 | 52.03 | 178.1 | 49.64 | 172.6 | 47.86 | 161.3 | 45.24 |
|        | 3                 | 2.2      | 207.5                     | 51.52 | 195.8 | 49.76 | 184.4 | 48.09 | 178.1 | 45.91 | 172.6 | 44.35 | 161.3 | 41.84 |
|        | 5                 | 4.1      | 196.4                     | 45.11 | 184.6 | 43.30 | 173.1 | 41.72 | 166.8 | 39.74 | 161.1 | 38.38 | 149.7 | 35.98 |
|        | 7                 | 6        | 185.0                     | 39.17 | 173.1 | 37.37 | 161.3 | 35.84 | 155.0 | 34.06 | 149.5 | 32.90 | 137.8 | 30.60 |
|        | 9                 | 7.9      | 173.2                     | 32.32 | 161.1 | 30.68 | 149.4 | 29.30 | 143.0 | 27.81 | 137.3 | 26.77 | 125.3 | 24.76 |
|        | 11                | 9.8      | 161.0                     | 27.27 | 148.9 | 25.79 | 136.9 | 24.53 | 130.5 | 23.20 | 124.7 | 22.27 | 112.6 | 20.48 |
|        | 13                | 11.8     | 148.3                     | 22.96 | 136.2 | 21.63 | 124.1 | 20.45 | 117.6 | 19.30 | 111.7 | 18.47 | 99.40 | 16.89 |
|        | 15                | 13.7     | 135.4                     | 19.32 | 122.9 | 18.11 | 110.9 | 17.06 | 104.2 | 16.02 | 98.10 | 15.29 | 85.70 | 13.86 |
| 60     | -30               | -30.2    | 99.70                     | 79.21 | 99.70 | 80.30 | 99.00 | 92.31 | 96.80 | 87.51 | 94.00 | 83.09 | 88.40 | 79.07 |
|        | -24.8             | -25      | 166.1                     | 81.96 | 166.1 | 83.06 | 158.1 | 81.17 | 152.7 | 76.17 | 147.4 | 71.91 | 138.2 | 68.21 |
|        | -21.8             | -22      | 178.1                     | 82.57 | 168.4 | 79.53 | 158.1 | 75.48 | 152.7 | 71.71 | 147.4 | 68.14 | 138.2 | 64.70 |
|        | -19.8             | -20      | 178.1                     | 79.48 | 168.4 | 76.64 | 158.1 | 72.75 | 152.7 | 69.14 | 147.4 | 65.73 | 138.2 | 62.37 |
|        | -18.8             | -19      | 178.1                     | 78.02 | 168.4 | 75.19 | 158.1 | 71.41 | 152.7 | 67.88 | 147.4 | 64.52 | 138.2 | 61.18 |
|        | -16.7             | -17      | 178.1                     | 74.98 | 168.4 | 72.17 | 158.1 | 68.54 | 152.7 | 65.18 | 147.4 | 62.00 | 138.2 | 58.73 |
|        | -15               | -15.9    | 178.1                     | 72.80 | 168.4 | 70.02 | 158.1 | 66.49 | 152.7 | 63.26 | 147.4 | 60.19 | 138.2 | 57.00 |
|        | -13.7             | -15      | 178.1                     | 70.64 | 168.4 | 67.88 | 158.1 | 64.47 | 152.7 | 61.35 | 147.4 | 58.41 | 138.2 | 55.26 |
|        | -11.8             | -13      | 178.1                     | 67.90 | 168.4 | 65.14 | 158.1 | 61.88 | 152.7 | 58.91 | 147.4 | 56.12 | 138.2 | 53.04 |
|        | -9.8              | -11      | 178.1                     | 65.01 | 168.4 | 62.27 | 158.1 | 59.17 | 152.7 | 56.39 | 147.4 | 53.72 | 138.2 | 50.73 |
|        | -9.5              | -10      | 178.1                     | 64.58 | 168.4 | 61.84 | 158.1 | 58.78 | 152.7 | 56.00 | 147.4 | 53.34 | 138.2 | 50.36 |
|        | -8.5              | -9.1     | 178.1                     | 63.15 | 168.4 | 60.41 | 158.1 | 57.43 | 152.7 | 54.74 | 147.4 | 52.15 | 138.2 | 49.20 |
|        | -7                | -7.6     | 178.1                     | 61.00 | 168.4 | 58.28 | 158.1 | 55.40 | 152.7 | 52.82 | 147.4 | 50.37 | 138.2 | 47.46 |
|        | -5                | -5.6     | 178.1                     | 58.12 | 168.4 | 55.42 | 158.1 | 52.71 | 152.7 | 50.32 | 147.4 | 48.00 | 138.2 | 45.19 |
|        | -3                | -3.7     | 178.1                     | 55.30 | 168.4 | 52.60 | 158.1 | 50.03 | 152.7 | 47.80 | 147.4 | 45.63 | 138.2 | 42.88 |
|        | 0                 | -0.7     | 178.1                     | 51.01 | 168.4 | 48.36 | 158.1 | 46.04 | 152.7 | 44.02 | 147.4 | 42.07 | 138.2 | 39.45 |
|        | 3                 | 2.2      | 178.1                     | 46.73 | 168.4 | 44.11 | 158.1 | 42.00 | 152.7 | 40.27 | 147.4 | 38.53 | 138.2 | 36.00 |
|        | 5                 | 4.1      | 168.6                     | 40.63 | 158.9 | 38.09 | 148.4 | 36.18 | 142.9 | 34.66 | 137.6 | 33.12 | 128.3 | 30.74 |
|        | 7                 | 6        | 158.8                     | 34.98 | 148.9 | 32.56 | 138.5 | 30.85 | 133.0 | 29.50 | 127.5 | 28.18 | 118.0 | 25.96 |
|        | 9                 | 7.9      | 148.7                     | 28.60 | 138.6 | 26.52 | 128.1 | 24.99 | 122.6 | 23.87 | 117.2 | 22.76 | 107.4 | 20.85 |
|        | 11                | 9.8      | 138.2                     | 24.28 | 128.1 | 22.45 | 117.5 | 21.08 | 112.0 | 20.09 | 106.4 | 19.11 | 96.60 | 17.39 |
|        | 13                | 11.8     | 127.3                     | 20.58 | 117.2 | 18.93 | 106.4 | 17.73 | 100.8 | 16.84 | 95.30 | 15.97 | 85.10 | 14.46 |
|        | 15                | 13.7     | 116.2                     | 17.46 | 105.8 | 16.01 | 94.90 | 14.88 | 89.30 | 14.12 | 83.80 | 13.35 | 73.50 | 12.03 |
| 50     | -30               | -30.2    | 94.90                     | 69.39 | 89.60 | 80.54 | 84.20 | 76.29 | 81.50 | 72.40 | 78.80 | 68.54 | 73.40 | 65.22 |
|        | -24.8             | -25      | 148.5                     | 67.78 | 140.1 | 69.31 | 131.7 | 65.71 | 127.5 | 62.35 | 123.2 | 59.17 | 114.6 | 56.20 |
|        | -21.8             | -22      | 148.5                     | 69.26 | 140.1 | 65.67 | 131.7 | 62.31 | 127.5 | 59.11 | 123.2 | 56.15 | 114.6 | 53.29 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 148.5                     | 66.71 | 140.1 | 63.23 | 131.7 | 60.02 | 127.5 | 56.95 | 123.2 | 54.14 | 114.6 | 51.33 |
|        | -18.8             | -19      | 148.5                     | 65.45 | 140.1 | 62.01 | 131.7 | 58.90 | 127.5 | 55.90 | 123.2 | 53.12 | 114.6 | 50.39 |
|        | -16.7             | -17      | 148.5                     | 62.80 | 140.1 | 59.48 | 131.7 | 56.53 | 127.5 | 53.63 | 123.2 | 51.04 | 114.6 | 48.35 |
|        | -15               | -15.9    | 148.5                     | 60.90 | 140.1 | 57.65 | 131.7 | 54.81 | 127.5 | 52.01 | 123.2 | 49.54 | 114.6 | 46.90 |
|        | -13.7             | -15      | 148.5                     | 59.01 | 140.1 | 55.85 | 131.7 | 53.11 | 127.5 | 50.41 | 123.2 | 48.03 | 114.6 | 45.46 |
|        | -11.8             | -13      | 148.5                     | 56.63 | 140.1 | 53.56 | 131.7 | 50.97 | 127.5 | 48.37 | 123.2 | 46.14 | 114.6 | 43.63 |
|        | -9.8              | -11      | 148.5                     | 54.12 | 140.1 | 51.14 | 131.7 | 48.70 | 127.5 | 46.21 | 123.2 | 44.12 | 114.6 | 41.69 |
|        | -9.5              | -10      | 148.5                     | 53.73 | 140.1 | 50.79 | 131.7 | 48.36 | 127.5 | 45.91 | 123.2 | 43.84 | 114.6 | 41.41 |
|        | -8.5              | -9.1     | 148.5                     | 52.46 | 140.1 | 49.57 | 131.7 | 47.23 | 127.5 | 44.83 | 123.2 | 42.84 | 114.6 | 40.43 |
|        | -7                | -7.6     | 148.5                     | 50.58 | 140.1 | 47.77 | 131.7 | 45.55 | 127.5 | 43.24 | 123.2 | 41.35 | 114.6 | 39.01 |
|        | -5                | -5.6     | 148.5                     | 48.08 | 140.1 | 45.39 | 131.7 | 43.32 | 127.5 | 41.13 | 123.2 | 39.36 | 114.6 | 37.10 |
|        | -3                | -3.7     | 148.5                     | 45.62 | 140.1 | 43.00 | 131.7 | 41.08 | 127.5 | 39.00 | 123.2 | 37.39 | 114.6 | 35.22 |
|        | 0                 | -0.7     | 148.5                     | 41.89 | 140.1 | 39.39 | 131.7 | 37.73 | 127.5 | 35.82 | 123.2 | 34.45 | 114.6 | 32.35 |
|        | 3                 | 2.2      | 148.5                     | 38.16 | 140.1 | 35.84 | 131.7 | 34.40 | 127.5 | 32.64 | 123.2 | 31.49 | 114.6 | 29.50 |
|        | 5                 | 4.1      | 140.5                     | 33.10 | 132.1 | 30.96 | 123.7 | 29.67 | 119.5 | 28.12 | 115.1 | 27.13 | 106.2 | 25.26 |
|        | 7                 | 6        | 132.4                     | 28.45 | 123.9 | 26.47 | 115.3 | 25.34 | 111.1 | 23.98 | 106.7 | 23.15 | 97.80 | 21.42 |
|        | 9                 | 7.9      | 123.9                     | 23.63 | 115.3 | 21.93 | 106.7 | 20.90 | 102.3 | 19.74 | 98.00 | 19.01 | 89.00 | 17.50 |
|        | 11                | 9.8      | 115.3                     | 20.21 | 106.5 | 18.68 | 97.70 | 17.76 | 93.50 | 16.75 | 89.00 | 16.10 | 80.00 | 14.74 |
|        | 13                | 11.8     | 106.1                     | 17.26 | 97.40 | 15.91 | 88.60 | 15.07 | 84.10 | 14.17 | 79.80 | 13.58 | 70.50 | 12.39 |
|        | 15                | 13.7     | 97.00                     | 14.76 | 88.00 | 13.57 | 79.20 | 12.81 | 74.60 | 12.02 | 70.10 | 11.50 | 60.90 | 10.42 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM860LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 107.0                     | 93.40 | 107.0 | 94.02 | 106.2 | 94.57 | 106.2 | 95.38 | 106.2 | 96.23 | 104.3 | 97.52 |
|        | -24.8             | -25      | 178.3                     | 95.47 | 178.3 | 96.11 | 176.9 | 96.66 | 176.9 | 97.49 | 176.9 | 98.32 | 173.9 | 99.59 |
|        | -21.8             | -22      | 217.2                     | 96.67 | 217.2 | 97.32 | 215.8 | 97.87 | 215.8 | 98.72 | 215.8 | 99.53 | 211.5 | 100.8 |
|        | -19.8             | -20      | 229.4                     | 97.50 | 229.4 | 98.12 | 227.7 | 98.68 | 227.7 | 99.54 | 227.7 | 100.3 | 223.5 | 101.6 |
|        | -18.8             | -19      | 234.4                     | 97.88 | 234.4 | 98.54 | 232.8 | 99.08 | 232.8 | 99.93 | 232.8 | 100.7 | 228.4 | 102.0 |
|        | -16.7             | -17      | 244.8                     | 98.75 | 244.8 | 99.37 | 243.1 | 99.93 | 243.1 | 100.8 | 243.1 | 101.6 | 238.7 | 102.9 |
|        | -15               | -15.9    | 252.2                     | 99.34 | 252.2 | 99.99 | 250.6 | 100.5 | 250.6 | 101.4 | 250.6 | 102.2 | 245.8 | 100.9 |
|        | -13.7             | -15      | 259.8                     | 99.96 | 259.8 | 100.6 | 258.1 | 101.1 | 258.1 | 102.0 | 258.1 | 102.8 | 253.1 | 98.96 |
|        | -11.8             | -13      | 268.1                     | 100.7 | 268.1 | 101.3 | 266.5 | 101.9 | 266.5 | 102.8 | 266.5 | 100.2 | 262.3 | 96.49 |
|        | -9.8              | -11      | 277.0                     | 101.5 | 277.0 | 102.2 | 275.3 | 102.7 | 275.3 | 100.0 | 275.3 | 97.44 | 272.0 | 93.91 |
|        | -9.5              | -10      | 278.5                     | 101.7 | 278.5 | 102.3 | 277.0 | 102.3 | 277.0 | 99.57 | 276.7 | 97.04 | 273.4 | 93.50 |
|        | -8.5              | -9.1     | 283.9                     | 102.1 | 283.9 | 102.7 | 282.3 | 100.9 | 282.3 | 98.17 | 281.1 | 95.66 | 278.3 | 92.22 |
|        | -7                | -7.6     | 292.1                     | 102.7 | 292.1 | 100.6 | 290.1 | 98.75 | 290.1 | 96.10 | 290.1 | 93.58 | 285.6 | 90.28 |
|        | -5                | -5.6     | 302.8                     | 100.1 | 302.8 | 97.90 | 300.8 | 95.97 | 300.8 | 93.36 | 300.8 | 90.88 | 295.0 | 87.73 |
|        | -3                | -3.7     | 313.6                     | 97.41 | 313.6 | 95.19 | 311.5 | 93.17 | 311.5 | 90.60 | 311.5 | 88.17 | 304.3 | 85.05 |
|        | 0                 | -0.7     | 329.6                     | 93.50 | 329.6 | 91.14 | 327.4 | 88.99 | 327.4 | 86.51 | 327.4 | 84.13 | 305.7 | 77.79 |
|        | 3                 | 2.2      | 345.9                     | 89.58 | 345.9 | 87.03 | 343.5 | 84.82 | 340.4 | 81.65 | 328.4 | 76.54 | 305.7 | 73.55 |
|        | 5                 | 4.1      | 340.5                     | 81.91 | 329.9 | 75.65 | 327.4 | 73.47 | 318.9 | 69.46 | 306.5 | 66.42 | 283.8 | 64.02 |
|        | 7                 | 6        | 312.9                     | 67.49 | 309.4 | 64.46 | 305.5 | 62.20 | 296.4 | 59.61 | 284.2 | 57.52 | 260.9 | 55.09 |
|        | 9                 | 7.9      | 292.1                     | 58.84 | 288.1 | 56.20 | 282.6 | 53.77 | 273.4 | 51.79 | 261.0 | 49.80 | 237.6 | 47.35 |
|        | 11                | 9.8      | 271.5                     | 51.78 | 266.0 | 49.20 | 259.2 | 46.81 | 249.4 | 44.90 | 237.3 | 43.02 | 213.3 | 40.54 |
|        | 13                | 11.8     | 250.2                     | 45.05 | 243.4 | 42.53 | 234.8 | 40.14 | 224.7 | 38.37 | 212.3 | 36.60 | 188.4 | 34.13 |
|        | 15                | 13.7     | 228.1                     | 38.61 | 219.7 | 36.21 | 209.5 | 33.89 | 199.3 | 32.24 | 186.7 | 30.60 | 162.4 | 28.19 |
| 120    | -30               | -30.2    | 106.2                     | 94.02 | 106.2 | 94.57 | 105.5 | 95.38 | 105.5 | 96.23 | 105.5 | 97.52 | 103.5 | 98.39 |
|        | -24.8             | -25      | 176.9                     | 96.11 | 176.9 | 96.66 | 175.8 | 97.49 | 175.8 | 98.32 | 175.8 | 99.59 | 172.6 | 100.5 |
|        | -21.8             | -22      | 215.8                     | 97.32 | 215.8 | 97.87 | 214.3 | 98.72 | 214.3 | 99.53 | 214.3 | 100.8 | 210.3 | 101.7 |
|        | -19.8             | -20      | 227.6                     | 98.12 | 227.6 | 98.68 | 226.1 | 99.54 | 226.1 | 100.3 | 226.1 | 101.6 | 221.8 | 102.5 |
|        | -18.8             | -19      | 232.5                     | 98.54 | 232.5 | 99.08 | 231.0 | 99.93 | 231.0 | 100.7 | 231.0 | 102.0 | 226.8 | 102.9 |
|        | -16.7             | -17      | 242.9                     | 99.37 | 242.9 | 99.93 | 241.4 | 100.8 | 241.4 | 101.6 | 241.4 | 102.9 | 236.7 | 100.4 |
|        | -15               | -15.9    | 250.4                     | 99.99 | 250.4 | 100.5 | 248.7 | 101.4 | 248.7 | 102.2 | 248.7 | 101.0 | 244.0 | 98.58 |
|        | -13.7             | -15      | 257.7                     | 100.6 | 257.7 | 101.1 | 256.2 | 102.0 | 256.2 | 102.8 | 256.2 | 99.12 | 251.3 | 96.81 |
|        | -11.8             | -13      | 266.3                     | 101.3 | 266.3 | 101.9 | 264.4 | 102.8 | 264.4 | 100.2 | 264.4 | 96.76 | 260.6 | 94.54 |
|        | -9.8              | -11      | 274.8                     | 102.2 | 274.8 | 102.7 | 273.3 | 99.85 | 273.3 | 97.38 | 273.3 | 94.28 | 270.2 | 92.17 |
|        | -9.5              | -10      | 276.7                     | 102.3 | 276.7 | 102.3 | 274.8 | 99.44 | 274.8 | 96.98 | 274.8 | 93.89 | 271.6 | 91.79 |
|        | -8.5              | -9.1     | 281.9                     | 102.7 | 281.9 | 100.7 | 280.1 | 97.98 | 280.1 | 95.59 | 279.9 | 92.68 | 276.3 | 90.61 |
|        | -7                | -7.6     | 289.9                     | 100.4 | 289.9 | 98.43 | 288.1 | 95.83 | 288.1 | 93.51 | 287.7 | 90.82 | 283.4 | 88.81 |
|        | -5                | -5.6     | 300.7                     | 97.42 | 300.7 | 95.41 | 298.8 | 92.95 | 298.8 | 90.77 | 298.8 | 88.36 | 287.1 | 84.65 |
|        | -3                | -3.7     | 311.2                     | 94.44 | 311.2 | 92.44 | 309.4 | 90.10 | 309.4 | 88.06 | 309.0 | 85.87 | 287.1 | 80.01 |
|        | 0                 | -0.7     | 327.3                     | 89.98 | 327.3 | 87.92 | 325.2 | 85.84 | 319.0 | 82.35 | 309.0 | 78.17 | 287.1 | 76.49 |
|        | 3                 | 2.2      | 343.3                     | 85.50 | 343.2 | 83.39 | 329.9 | 78.88 | 319.0 | 75.79 | 309.0 | 74.57 | 287.1 | 73.14 |
|        | 5                 | 4.1      | 328.7                     | 74.37 | 323.9 | 71.39 | 309.8 | 68.01 | 298.6 | 66.50 | 288.5 | 65.49 | 266.4 | 63.91 |
|        | 7                 | 6        | 309.6                     | 63.40 | 303.8 | 60.94 | 288.7 | 59.21 | 277.8 | 57.76 | 267.4 | 56.94 | 245.1 | 55.23 |
|        | 9                 | 7.9      | 289.9                     | 55.53 | 283.0 | 53.35 | 267.2 | 51.55 | 256.2 | 50.16 | 245.6 | 49.27 | 223.2 | 47.44 |
|        | 11                | 9.8      | 269.5                     | 48.82 | 261.3 | 46.66 | 244.9 | 44.80 | 233.8 | 43.46 | 223.2 | 42.50 | 200.4 | 40.59 |
|        | 13                | 11.8     | 248.4                     | 42.41 | 239.0 | 40.30 | 222.0 | 38.44 | 210.7 | 37.12 | 199.9 | 36.16 | 176.8 | 34.20 |
|        | 15                | 13.7     | 226.5                     | 36.33 | 215.8 | 34.27 | 198.2 | 32.44 | 186.7 | 31.19 | 175.7 | 30.21 | 152.4 | 28.26 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 105.8                     | 94.57 | 105.8 | 95.38 | 105.0 | 96.23 | 105.0 | 97.52 | 105.0 | 98.39 | 102.9 | 98.82 |
|        | -24.8             | -25      | 176.1                     | 96.66 | 176.1 | 97.49 | 175.0 | 98.32 | 175.0 | 99.59 | 175.0 | 100.5 | 171.4 | 100.9 |
|        | -21.8             | -22      | 214.6                     | 97.87 | 214.6 | 98.72 | 212.9 | 99.53 | 212.9 | 100.8 | 212.9 | 101.7 | 209.2 | 102.1 |
|        | -19.8             | -20      | 226.5                     | 98.68 | 226.5 | 99.54 | 225.0 | 100.3 | 225.0 | 101.6 | 225.0 | 102.5 | 220.6 | 102.9 |
|        | -18.8             | -19      | 231.3                     | 99.08 | 231.3 | 99.93 | 229.9 | 100.7 | 229.9 | 102.0 | 229.9 | 102.9 | 225.5 | 101.6 |
|        | -16.7             | -17      | 241.7                     | 99.93 | 241.7 | 100.8 | 240.1 | 101.6 | 240.1 | 102.9 | 240.1 | 100.2 | 235.5 | 98.79 |
|        | -15               | -15.9    | 248.9                     | 100.5 | 248.9 | 101.4 | 247.4 | 102.2 | 247.4 | 100.8 | 247.4 | 98.25 | 245.0 | 96.80 |
|        | -13.7             | -15      | 256.2                     | 101.1 | 256.2 | 102.0 | 254.7 | 102.8 | 254.7 | 98.75 | 254.7 | 96.30 | 254.7 | 94.82 |
|        | -11.8             | -13      | 264.5                     | 101.9 | 264.5 | 102.8 | 263.0 | 99.90 | 263.0 | 96.14 | 263.0 | 93.83 | 258.4 | 90.64 |
|        | -9.8              | -11      | 273.4                     | 102.7 | 273.4 | 99.51 | 271.9 | 96.86 | 271.9 | 93.41 | 271.9 | 91.26 | 258.4 | 85.76 |
|        | -9.5              | -10      | 274.8                     | 102.2 | 274.8 | 99.01 | 273.4 | 96.39 | 273.4 | 93.00 | 273.4 | 90.87 | 258.4 | 84.70 |
|        | -8.5              | -9.1     | 280.3                     | 100.4 | 280.3 | 97.38 | 278.8 | 94.87 | 278.8 | 91.63 | 276.7 | 88.87 | 258.4 | 83.43 |
|        | -7                | -7.6     | 288.5                     | 97.79 | 288.5 | 94.93 | 286.7 | 92.59 | 286.4 | 89.54 | 276.7 | 84.62 | 258.4 | 81.56 |
|        | -5                | -5.6     | 298.9                     | 94.34 | 298.9 | 91.70 | 296.1 | 89.33 | 286.4 | 83.83 | 276.7 | 80.76 | 258.4 | 79.07 |
|        | -3                | -3.7     | 309.6                     | 90.86 | 309.6 | 88.49 | 296.1 | 83.31 | 286.4 | 79.88 | 276.7 | 78.31 | 258.4 | 76.59 |
|        | 0                 | -0.7     | 325.4                     | 85.66 | 315.7 | 81.17 | 296.1 | 77.92 | 286.4 | 76.06 | 276.7 | 74.71 | 258.4 | 72.88 |
|        | 3                 | 2.2      | 334.0                     | 78.73 | 315.7 | 74.82 | 296.1 | 73.62 | 286.4 | 72.23 | 276.7 | 71.08 | 258.4 | 69.14 |
|        | 5                 | 4.1      | 316.2                     | 67.12 | 297.7 | 65.70 | 277.9 | 64.54 | 268.2 | 63.36 | 258.4 | 62.28 | 239.8 | 60.15 |
|        | 7                 | 6        | 297.8                     | 58.48 | 279.1 | 57.16 | 259.2 | 56.03 | 249.4 | 55.06 | 239.4 | 54.08 | 220.7 | 51.78 |
|        | 9                 | 7.9      | 278.8                     | 51.29 | 259.8 | 49.91 | 239.8 | 48.65 | 230.1 | 47.68 | 220.0 | 46.68 | 200.7 | 44.37 |
|        | 11                | 9.8      | 259.1                     | 44.97 | 240.1 | 43.51 | 220.1 | 42.17 | 210.0 | 41.18 | 199.9 | 40.16 | 180.4 | 37.89 |
|        | 13                | 11.8     | 239.0                     | 38.90 | 219.7 | 37.44 | 199.3 | 36.05 | 189.2 | 35.09 | 178.9 | 34.08 | 159.1 | 31.84 |
|        | 15                | 13.7     | 217.9                     | 33.20 | 198.2 | 31.76 | 177.8 | 30.35 | 167.7 | 29.41 | 157.3 | 28.43 | 137.2 | 26.28 |
| 100    | -30               | -30.2    | 105.0                     | 106.6 | 105.0 | 106.3 | 104.6 | 93.16 | 104.6 | 105.4 | 104.6 | 103.0 | 102.5 | 104.9 |
|        | -24.8             | -25      | 175.3                     | 105.6 | 175.3 | 105.3 | 174.3 | 98.44 | 174.3 | 104.4 | 174.3 | 104.1 | 170.6 | 103.9 |
|        | -21.8             | -22      | 213.3                     | 105.0 | 213.3 | 104.7 | 212.1 | 101.5 | 212.1 | 103.9 | 212.1 | 104.7 | 208.0 | 103.3 |
|        | -19.8             | -20      | 225.4                     | 104.7 | 225.4 | 104.3 | 224.1 | 103.4 | 224.1 | 103.5 | 224.1 | 103.5 | 219.9 | 102.9 |
|        | -18.8             | -19      | 230.3                     | 104.5 | 229.1 | 104.1 | 229.1 | 103.8 | 229.1 | 103.2 | 229.1 | 102.9 | 224.5 | 101.3 |
|        | -16.7             | -17      | 239.1                     | 104.1 | 239.1 | 103.7 | 239.1 | 104.6 | 237.8 | 102.9 | 237.8 | 99.54 | 233.4 | 97.89 |
|        | -15               | -15.9    | 247.2                     | 103.8 | 247.2 | 103.4 | 246.2 | 103.7 | 245.8 | 100.4 | 245.8 | 97.14 | 236.1 | 93.48 |
|        | -13.7             | -15      | 255.1                     | 103.5 | 255.1 | 103.1 | 253.5 | 102.8 | 253.5 | 97.99 | 253.5 | 94.69 | 236.1 | 88.23 |
|        | -11.8             | -13      | 263.3                     | 103.1 | 261.9 | 102.8 | 261.9 | 99.55 | 261.9 | 94.91 | 253.5 | 88.74 | 236.1 | 85.31 |
|        | -9.8              | -11      | 272.0                     | 102.7 | 272.0 | 99.14 | 270.9 | 96.14 | 262.1 | 88.75 | 253.5 | 84.00 | 236.1 | 82.23 |
|        | -9.5              | -10      | 273.4                     | 102.1 | 273.4 | 98.57 | 270.9 | 95.10 | 262.1 | 87.80 | 253.5 | 83.55 | 236.1 | 81.75 |
|        | -8.5              | -9.1     | 278.9                     | 100.3 | 278.9 | 96.76 | 270.9 | 91.60 | 262.1 | 85.01 | 253.5 | 82.03 | 236.1 | 80.21 |
|        | -7                | -7.6     | 291.6                     | 97.40 | 288.1 | 93.33 | 270.9 | 86.67 | 262.1 | 82.73 | 253.5 | 79.77 | 236.1 | 77.90 |
|        | -5                | -5.6     | 304.4                     | 93.65 | 288.1 | 86.54 | 270.9 | 83.49 | 262.1 | 79.67 | 253.5 | 76.78 | 236.1 | 74.86 |
|        | -3                | -3.7     | 305.5                     | 87.76 | 288.1 | 82.44 | 270.9 | 80.29 | 262.1 | 76.64 | 253.5 | 73.79 | 236.1 | 71.81 |
|        | 0                 | -0.7     | 305.5                     | 79.98 | 288.1 | 77.32 | 270.9 | 75.48 | 262.1 | 72.09 | 253.5 | 69.28 | 236.1 | 67.24 |
|        | 3                 | 2.2      | 305.5                     | 74.64 | 288.1 | 72.21 | 270.9 | 70.68 | 262.1 | 67.55 | 253.5 | 64.82 | 236.1 | 62.66 |
|        | 5                 | 4.1      | 289.3                     | 65.39 | 271.7 | 63.08 | 254.3 | 61.59 | 245.3 | 58.79 | 236.7 | 56.17 | 219.1 | 53.87 |
|        | 7                 | 6        | 272.5                     | 56.77 | 254.7 | 54.57 | 237.2 | 53.17 | 228.1 | 50.62 | 219.5 | 48.20 | 201.7 | 45.81 |
|        | 9                 | 7.9      | 254.9                     | 49.51 | 237.2 | 47.40 | 219.5 | 45.94 | 210.5 | 43.61 | 201.5 | 41.40 | 183.5 | 39.08 |
|        | 11                | 9.8      | 237.1                     | 43.16 | 219.1 | 41.10 | 201.3 | 39.62 | 192.1 | 37.49 | 183.1 | 35.45 | 164.8 | 33.22 |
|        | 13                | 11.8     | 218.4                     | 37.17 | 200.3 | 35.18 | 182.4 | 33.70 | 173.2 | 31.78 | 163.9 | 29.94 | 145.4 | 27.79 |
|        | 15                | 13.7     | 199.3                     | 31.53 | 181.0 | 29.69 | 162.7 | 28.22 | 153.4 | 26.51 | 144.2 | 24.87 | 125.4 | 22.85 |
| 90     | -30               | -30.2    | 104.8                     | 92.77 | 104.8 | 93.97 | 104.1 | 94.92 | 104.1 | 95.28 | 104.1 | 96.18 | 102.1 | 107.0 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 174.7                     | 94.85 | 174.7 | 96.11 | 173.6 | 97.01 | 173.6 | 97.42 | 173.6 | 98.27 | 170.2 | 99.57 |
|        | -21.8             | -22      | 212.5                     | 96.04 | 212.5 | 97.33 | 211.3 | 98.22 | 211.3 | 98.64 | 211.3 | 99.50 | 207.2 | 95.26 |
|        | -19.8             | -20      | 224.6                     | 96.86 | 224.6 | 98.14 | 223.1 | 99.04 | 223.1 | 99.46 | 223.1 | 96.55 | 215.8 | 91.13 |
|        | -18.8             | -19      | 230.3                     | 97.28 | 229.1 | 98.55 | 227.9 | 99.43 | 227.9 | 97.95 | 227.9 | 95.08 | 215.8 | 87.83 |
|        | -16.7             | -17      | 239.1                     | 98.13 | 239.1 | 99.40 | 238.1 | 96.31 | 238.1 | 94.77 | 232.6 | 89.87 | 215.8 | 83.46 |
|        | -15               | -15.9    | 247.2                     | 98.73 | 247.2 | 97.09 | 245.4 | 94.10 | 240.2 | 90.56 | 232.6 | 86.45 | 215.8 | 81.41 |
|        | -13.7             | -15      | 255.1                     | 99.34 | 255.1 | 94.75 | 247.9 | 90.07 | 240.2 | 85.80 | 232.6 | 83.14 | 215.8 | 79.39 |
|        | -11.8             | -13      | 263.3                     | 96.17 | 261.9 | 91.84 | 247.9 | 84.59 | 240.2 | 82.94 | 232.6 | 80.52 | 215.8 | 76.79 |
|        | -9.8              | -11      | 272.0                     | 92.85 | 263.1 | 85.87 | 247.9 | 81.68 | 240.2 | 80.06 | 232.6 | 77.74 | 215.8 | 74.09 |
|        | -9.5              | -10      | 273.4                     | 92.33 | 263.1 | 84.96 | 247.9 | 81.26 | 240.2 | 79.64 | 232.6 | 77.31 | 215.8 | 73.68 |
|        | -8.5              | -9.1     | 278.9                     | 90.69 | 263.1 | 82.44 | 247.9 | 79.85 | 240.2 | 78.22 | 232.6 | 75.94 | 215.8 | 72.32 |
|        | -7                | -7.6     | 279.7                     | 84.58 | 263.1 | 80.13 | 247.9 | 77.75 | 240.2 | 76.08 | 232.6 | 73.86 | 215.8 | 70.28 |
|        | -5                | -5.6     | 279.7                     | 80.55 | 263.1 | 77.26 | 247.9 | 74.98 | 240.2 | 73.26 | 232.6 | 71.12 | 215.8 | 67.62 |
|        | -3                | -3.7     | 279.7                     | 77.44 | 263.1 | 74.38 | 247.9 | 72.21 | 240.2 | 70.43 | 232.6 | 68.36 | 215.8 | 64.94 |
|        | 0                 | -0.7     | 279.7                     | 72.76 | 263.1 | 70.03 | 247.9 | 68.04 | 240.2 | 66.20 | 232.6 | 64.25 | 215.8 | 60.92 |
|        | 3                 | 2.2      | 279.7                     | 68.08 | 263.1 | 65.69 | 247.9 | 63.87 | 240.2 | 61.98 | 232.6 | 60.14 | 215.8 | 56.89 |
|        | 5                 | 4.1      | 264.7                     | 59.83 | 248.1 | 57.65 | 232.8 | 55.86 | 224.8 | 53.96 | 217.2 | 52.21 | 200.3 | 49.07 |
|        | 7                 | 6        | 249.2                     | 52.12 | 232.6 | 50.16 | 217.0 | 48.39 | 209.1 | 46.55 | 201.3 | 44.95 | 184.3 | 41.90 |
|        | 9                 | 7.9      | 233.4                     | 45.13 | 216.6 | 43.24 | 200.9 | 41.54 | 192.9 | 39.83 | 184.9 | 38.33 | 167.7 | 35.52 |
|        | 11                | 9.8      | 217.0                     | 38.69 | 200.0 | 36.89 | 184.1 | 35.23 | 176.1 | 33.68 | 168.1 | 32.32 | 150.6 | 29.72 |
|        | 13                | 11.8     | 200.1                     | 32.77 | 183.1 | 31.09 | 166.9 | 29.54 | 158.5 | 28.13 | 150.5 | 26.89 | 132.9 | 24.52 |
|        | 15                | 13.7     | 182.5                     | 27.41 | 165.2 | 25.87 | 149.0 | 24.38 | 140.5 | 23.16 | 132.3 | 22.03 | 114.7 | 19.93 |
| 80     | -30               | -30.2    | 104.3                     | 81.57 | 104.3 | 82.90 | 103.6 | 83.83 | 103.6 | 82.74 | 103.6 | 95.05 | 101.7 | 91.07 |
|        | -24.8             | -25      | 173.9                     | 83.72 | 173.9 | 85.01 | 172.7 | 85.92 | 172.7 | 86.34 | 172.7 | 88.46 | 169.4 | 84.72 |
|        | -21.8             | -22      | 210.4                     | 84.96 | 210.4 | 86.22 | 210.4 | 87.13 | 210.2 | 88.33 | 207.4 | 83.53 | 192.9 | 76.93 |
|        | -19.8             | -20      | 222.1                     | 85.77 | 222.1 | 87.05 | 221.4 | 88.10 | 215.0 | 82.99 | 207.4 | 77.93 | 192.9 | 74.59 |
|        | -18.8             | -19      | 227.1                     | 86.18 | 227.1 | 88.35 | 221.6 | 84.96 | 215.0 | 80.17 | 207.4 | 76.73 | 192.9 | 73.48 |
|        | -16.7             | -17      | 233.7                     | 88.31 | 233.7 | 85.52 | 221.6 | 79.87 | 215.0 | 77.42 | 207.4 | 74.23 | 192.9 | 71.07 |
|        | -15               | -15.9    | 239.0                     | 86.23 | 236.1 | 83.37 | 221.6 | 77.94 | 215.0 | 75.52 | 207.4 | 72.43 | 192.9 | 69.32 |
|        | -13.7             | -15      | 244.3                     | 84.15 | 236.1 | 80.36 | 221.6 | 76.02 | 215.0 | 73.61 | 207.4 | 70.63 | 192.9 | 67.59 |
|        | -11.8             | -13      | 250.3                     | 81.38 | 236.1 | 76.64 | 221.6 | 73.58 | 215.0 | 71.22 | 207.4 | 68.36 | 192.9 | 65.41 |
|        | -9.8              | -11      | 250.5                     | 76.66 | 236.1 | 73.09 | 221.6 | 71.03 | 215.0 | 68.68 | 207.4 | 65.94 | 192.9 | 63.09 |
|        | -9.5              | -10      | 250.5                     | 75.71 | 236.1 | 72.25 | 221.6 | 70.64 | 215.0 | 68.31 | 207.4 | 65.59 | 192.9 | 62.77 |
|        | -8.5              | -9.1     | 250.5                     | 73.68 | 236.1 | 70.72 | 221.6 | 69.36 | 215.0 | 67.05 | 207.4 | 64.43 | 192.9 | 61.63 |
|        | -7                | -7.6     | 250.5                     | 71.01 | 236.1 | 68.81 | 221.6 | 67.44 | 215.0 | 65.14 | 207.4 | 62.64 | 192.9 | 59.90 |
|        | -5                | -5.6     | 250.5                     | 68.40 | 236.1 | 66.31 | 221.6 | 64.90 | 215.0 | 62.66 | 207.4 | 60.25 | 192.9 | 57.63 |
|        | -3                | -3.7     | 250.5                     | 65.80 | 236.1 | 63.78 | 221.6 | 62.37 | 215.0 | 60.16 | 207.4 | 57.90 | 192.9 | 55.34 |
|        | 0                 | -0.7     | 250.5                     | 61.87 | 236.1 | 60.04 | 221.6 | 58.60 | 215.0 | 56.41 | 207.4 | 54.35 | 192.9 | 51.96 |
|        | 3                 | 2.2      | 250.5                     | 57.97 | 236.1 | 56.26 | 221.6 | 54.78 | 215.0 | 52.64 | 207.4 | 50.82 | 192.9 | 48.55 |
|        | 5                 | 4.1      | 237.2                     | 51.07 | 222.6 | 49.40 | 208.0 | 47.87 | 201.3 | 45.82 | 193.7 | 44.17 | 179.0 | 41.97 |
|        | 7                 | 6        | 223.3                     | 44.61 | 208.8 | 43.00 | 194.0 | 41.41 | 187.1 | 39.53 | 179.5 | 38.04 | 164.6 | 35.94 |
|        | 9                 | 7.9      | 209.0                     | 38.17 | 194.5 | 36.66 | 179.6 | 35.12 | 172.6 | 33.42 | 164.8 | 32.09 | 149.9 | 30.14 |
|        | 11                | 9.8      | 194.3                     | 32.03 | 179.6 | 30.63 | 164.6 | 29.21 | 157.6 | 27.71 | 149.7 | 26.53 | 134.7 | 24.74 |
|        | 13                | 11.8     | 179.2                     | 26.83 | 164.2 | 25.52 | 149.1 | 24.22 | 141.9 | 22.91 | 134.1 | 21.84 | 118.8 | 20.21 |
|        | 15                | 13.7     | 163.4                     | 22.45 | 148.3 | 21.24 | 133.1 | 20.02 | 125.8 | 18.88 | 117.9 | 17.93 | 102.5 | 16.46 |
| 70     | -30               | -30.2    | 104.3                     | 81.84 | 104.3 | 82.28 | 103.6 | 83.14 | 103.6 | 93.76 | 103.6 | 89.22 | 101.1 | 85.13 |
|        | -24.8             | -25      | 173.9                     | 84.00 | 173.9 | 84.42 | 172.7 | 85.28 | 172.7 | 86.57 | 171.7 | 82.06 | 165.1 | 77.16 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 200.1                     | 85.23 | 200.1 | 85.65 | 188.8 | 82.10 | 182.4 | 78.22 | 176.7 | 74.57 | 165.1 | 71.06 |
|        | -19.8             | -20      | 212.3                     | 83.85 | 200.5 | 82.06 | 188.8 | 79.32 | 182.4 | 75.59 | 176.7 | 72.12 | 165.1 | 68.68 |
|        | -18.8             | -19      | 212.5                     | 82.52 | 200.5 | 80.66 | 188.8 | 77.96 | 182.4 | 74.28 | 176.7 | 70.88 | 165.1 | 67.50 |
|        | -16.7             | -17      | 212.5                     | 79.09 | 200.5 | 77.64 | 188.8 | 75.07 | 182.4 | 71.51 | 176.7 | 68.33 | 165.1 | 65.00 |
|        | -15               | -15.9    | 212.5                     | 76.99 | 200.5 | 75.52 | 188.8 | 72.99 | 182.4 | 69.55 | 176.7 | 66.49 | 165.1 | 63.24 |
|        | -13.7             | -15      | 212.5                     | 74.87 | 200.5 | 73.38 | 188.8 | 70.93 | 182.4 | 67.61 | 176.7 | 64.64 | 165.1 | 61.45 |
|        | -11.8             | -13      | 212.5                     | 72.19 | 200.5 | 70.69 | 188.8 | 68.32 | 182.4 | 65.10 | 176.7 | 62.32 | 165.1 | 59.22 |
|        | -9.8              | -11      | 212.5                     | 69.40 | 200.5 | 67.83 | 188.8 | 65.59 | 182.4 | 62.51 | 176.7 | 59.89 | 165.1 | 56.85 |
|        | -9.5              | -10      | 212.5                     | 68.97 | 200.5 | 67.39 | 188.8 | 65.17 | 182.4 | 62.10 | 176.7 | 59.52 | 165.1 | 56.50 |
|        | -8.5              | -9.1     | 212.5                     | 67.58 | 200.5 | 66.00 | 188.8 | 63.80 | 182.4 | 60.80 | 176.7 | 58.28 | 165.1 | 55.31 |
|        | -7                | -7.6     | 212.5                     | 65.46 | 200.5 | 63.86 | 188.8 | 61.75 | 182.4 | 58.86 | 176.7 | 56.46 | 165.1 | 53.54 |
|        | -5                | -5.6     | 212.5                     | 62.69 | 200.5 | 61.06 | 188.8 | 59.01 | 182.4 | 56.27 | 176.7 | 54.04 | 165.1 | 51.21 |
|        | -3                | -3.7     | 212.5                     | 59.92 | 200.5 | 58.24 | 188.8 | 56.29 | 182.4 | 53.68 | 176.7 | 51.62 | 165.1 | 48.87 |
|        | 0                 | -0.7     | 212.5                     | 55.75 | 200.5 | 54.02 | 188.8 | 52.23 | 182.4 | 49.81 | 176.7 | 48.00 | 165.1 | 45.37 |
|        | 3                 | 2.2      | 212.5                     | 51.59 | 200.5 | 49.82 | 188.8 | 48.14 | 182.4 | 45.94 | 176.7 | 44.38 | 165.1 | 41.86 |
|        | 5                 | 4.1      | 201.1                     | 45.08 | 189.0 | 43.28 | 177.3 | 41.70 | 170.9 | 39.73 | 164.9 | 38.35 | 153.2 | 35.94 |
|        | 7                 | 6        | 189.5                     | 39.08 | 177.2 | 37.27 | 165.2 | 35.75 | 158.8 | 33.98 | 153.0 | 32.82 | 141.1 | 30.53 |
|        | 9                 | 7.9      | 177.3                     | 32.24 | 165.0 | 30.62 | 153.0 | 29.24 | 146.5 | 27.75 | 140.5 | 26.73 | 128.2 | 24.71 |
|        | 11                | 9.8      | 164.8                     | 27.23 | 152.4 | 25.74 | 140.1 | 24.49 | 133.7 | 23.16 | 127.6 | 22.24 | 115.3 | 20.45 |
|        | 13                | 11.8     | 151.9                     | 22.93 | 139.5 | 21.60 | 127.1 | 20.43 | 120.4 | 19.27 | 114.3 | 18.46 | 101.8 | 16.86 |
|        | 15                | 13.7     | 138.6                     | 19.31 | 125.9 | 18.09 | 113.5 | 17.04 | 106.8 | 16.00 | 100.4 | 15.28 | 87.70 | 13.85 |
| 60     | -30               | -30.2    | 102.6                     | 81.07 | 102.6 | 81.93 | 101.8 | 93.17 | 98.90 | 88.21 | 95.40 | 83.65 | 89.50 | 79.54 |
|        | -24.8             | -25      | 170.8                     | 83.23 | 170.8 | 84.09 | 161.9 | 81.47 | 156.3 | 76.84 | 150.9 | 72.92 | 141.5 | 69.24 |
|        | -21.8             | -22      | 182.4                     | 83.91 | 172.4 | 80.98 | 161.9 | 76.78 | 156.3 | 72.87 | 150.9 | 69.19 | 141.5 | 65.62 |
|        | -19.8             | -20      | 182.4                     | 80.94 | 172.4 | 77.99 | 161.9 | 73.96 | 156.3 | 70.22 | 150.9 | 66.70 | 141.5 | 63.22 |
|        | -18.8             | -19      | 182.4                     | 79.43 | 172.4 | 76.49 | 161.9 | 72.57 | 156.3 | 68.91 | 150.9 | 65.45 | 141.5 | 62.01 |
|        | -16.7             | -17      | 182.4                     | 76.26 | 172.4 | 73.36 | 161.9 | 69.60 | 156.3 | 66.13 | 150.9 | 62.85 | 141.5 | 59.49 |
|        | -15               | -15.9    | 182.4                     | 74.01 | 172.4 | 71.13 | 161.9 | 67.49 | 156.3 | 64.16 | 150.9 | 60.98 | 141.5 | 57.71 |
|        | -13.7             | -15      | 182.4                     | 71.76 | 172.4 | 68.91 | 161.9 | 65.40 | 156.3 | 62.18 | 150.9 | 59.14 | 141.5 | 55.91 |
|        | -11.8             | -13      | 182.4                     | 68.90 | 172.4 | 66.07 | 161.9 | 62.71 | 156.3 | 59.66 | 150.9 | 56.79 | 141.5 | 53.64 |
|        | -9.8              | -11      | 182.4                     | 65.91 | 172.4 | 63.09 | 161.9 | 59.91 | 156.3 | 57.05 | 150.9 | 54.30 | 141.5 | 51.25 |
|        | -9.5              | -10      | 182.4                     | 65.46 | 172.4 | 62.65 | 161.9 | 59.50 | 156.3 | 56.64 | 150.9 | 53.92 | 141.5 | 50.88 |
|        | -8.5              | -9.1     | 182.4                     | 63.97 | 172.4 | 61.17 | 161.9 | 58.11 | 156.3 | 55.34 | 150.9 | 52.69 | 141.5 | 49.68 |
|        | -7                | -7.6     | 182.4                     | 61.73 | 172.4 | 58.96 | 161.9 | 56.00 | 156.3 | 53.37 | 150.9 | 50.85 | 141.5 | 47.89 |
|        | -5                | -5.6     | 182.4                     | 58.73 | 172.4 | 55.99 | 161.9 | 53.22 | 156.3 | 50.77 | 150.9 | 48.40 | 141.5 | 45.54 |
|        | -3                | -3.7     | 182.4                     | 55.79 | 172.4 | 53.05 | 161.9 | 50.43 | 156.3 | 48.15 | 150.9 | 45.94 | 141.5 | 43.16 |
|        | 0                 | -0.7     | 182.4                     | 51.31 | 172.4 | 48.64 | 161.9 | 46.28 | 156.3 | 44.24 | 150.9 | 42.25 | 141.5 | 39.61 |
|        | 3                 | 2.2      | 182.4                     | 46.85 | 172.4 | 44.22 | 161.9 | 42.10 | 156.3 | 40.34 | 150.9 | 38.59 | 141.5 | 36.05 |
|        | 5                 | 4.1      | 172.7                     | 40.64 | 162.6 | 38.10 | 151.9 | 36.18 | 146.3 | 34.66 | 140.9 | 33.11 | 131.4 | 30.73 |
|        | 7                 | 6        | 162.7                     | 34.88 | 152.4 | 32.48 | 141.8 | 30.77 | 136.2 | 29.42 | 130.5 | 28.11 | 120.8 | 25.90 |
|        | 9                 | 7.9      | 152.3                     | 28.55 | 141.9 | 26.46 | 131.2 | 24.93 | 125.5 | 23.83 | 120.0 | 22.71 | 110.0 | 20.80 |
|        | 11                | 9.8      | 141.5                     | 24.23 | 131.2 | 22.41 | 120.3 | 21.04 | 114.7 | 20.05 | 108.9 | 19.07 | 98.90 | 17.36 |
|        | 13                | 11.8     | 130.4                     | 20.55 | 120.0 | 18.90 | 108.9 | 17.70 | 103.2 | 16.81 | 97.50 | 15.95 | 87.10 | 14.45 |
|        | 15                | 13.7     | 119.0                     | 17.43 | 108.3 | 15.99 | 97.20 | 14.87 | 91.40 | 14.10 | 85.80 | 13.33 | 75.20 | 12.01 |
| 50     | -30               | -30.2    | 96.10                     | 70.44 | 90.70 | 80.69 | 85.20 | 76.38 | 82.50 | 72.41 | 79.80 | 68.51 | 74.30 | 65.14 |
|        | -24.8             | -25      | 152.0                     | 68.89 | 143.4 | 70.10 | 134.8 | 66.42 | 130.5 | 62.98 | 126.1 | 59.73 | 117.3 | 56.69 |
|        | -21.8             | -22      | 152.0                     | 70.07 | 143.4 | 66.40 | 134.8 | 62.94 | 130.5 | 59.68 | 126.1 | 56.65 | 117.3 | 53.74 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 152.0                     | 67.47 | 143.4 | 63.90 | 134.8 | 60.62 | 130.5 | 57.47 | 126.1 | 54.61 | 117.3 | 51.74 |
|        | -18.8             | -19      | 152.0                     | 66.16 | 143.4 | 62.65 | 134.8 | 59.47 | 130.5 | 56.41 | 126.1 | 53.58 | 117.3 | 50.79 |
|        | -16.7             | -17      | 152.0                     | 63.46 | 143.4 | 60.07 | 134.8 | 57.05 | 130.5 | 54.10 | 126.1 | 51.45 | 117.3 | 48.71 |
|        | -15               | -15.9    | 152.0                     | 61.52 | 143.4 | 58.19 | 134.8 | 55.30 | 130.5 | 52.45 | 126.1 | 49.92 | 117.3 | 47.24 |
|        | -13.7             | -15      | 152.0                     | 59.58 | 143.4 | 56.35 | 134.8 | 53.57 | 130.5 | 50.82 | 126.1 | 48.38 | 117.3 | 45.77 |
|        | -11.8             | -13      | 152.0                     | 57.15 | 143.4 | 54.02 | 134.8 | 51.37 | 130.5 | 48.73 | 126.1 | 46.45 | 117.3 | 43.92 |
|        | -9.8              | -11      | 152.0                     | 54.57 | 143.4 | 51.54 | 134.8 | 49.06 | 130.5 | 46.53 | 126.1 | 44.40 | 117.3 | 41.93 |
|        | -9.5              | -10      | 152.0                     | 54.17 | 143.4 | 51.19 | 134.8 | 48.71 | 130.5 | 46.22 | 126.1 | 44.11 | 117.3 | 41.65 |
|        | -8.5              | -9.1     | 152.0                     | 52.88 | 143.4 | 49.95 | 134.8 | 47.56 | 130.5 | 45.13 | 126.1 | 43.09 | 117.3 | 40.66 |
|        | -7                | -7.6     | 152.0                     | 50.96 | 143.4 | 48.10 | 134.8 | 45.84 | 130.5 | 43.49 | 126.1 | 41.57 | 117.3 | 39.21 |
|        | -5                | -5.6     | 152.0                     | 48.39 | 143.4 | 45.66 | 134.8 | 43.56 | 130.5 | 41.34 | 126.1 | 39.55 | 117.3 | 37.26 |
|        | -3                | -3.7     | 152.0                     | 45.85 | 143.4 | 43.21 | 134.8 | 41.25 | 130.5 | 39.16 | 126.1 | 37.54 | 117.3 | 35.33 |
|        | 0                 | -0.7     | 152.0                     | 42.03 | 143.4 | 39.51 | 134.8 | 37.83 | 130.5 | 35.91 | 126.1 | 34.52 | 117.3 | 32.41 |
|        | 3                 | 2.2      | 152.0                     | 38.18 | 143.4 | 35.87 | 134.8 | 34.42 | 130.5 | 32.65 | 126.1 | 31.50 | 117.3 | 29.50 |
|        | 5                 | 4.1      | 143.8                     | 33.07 | 135.2 | 30.93 | 126.6 | 29.64 | 122.3 | 28.09 | 117.9 | 27.10 | 108.7 | 25.23 |
|        | 7                 | 6        | 135.6                     | 28.37 | 126.8 | 26.41 | 118.0 | 25.29 | 113.7 | 23.92 | 109.2 | 23.09 | 100.1 | 21.36 |
|        | 9                 | 7.9      | 126.8                     | 23.58 | 118.0 | 21.87 | 109.2 | 20.87 | 104.7 | 19.70 | 100.3 | 18.97 | 91.10 | 17.46 |
|        | 11                | 9.8      | 118.0                     | 20.17 | 109.0 | 18.64 | 100.0 | 17.73 | 95.70 | 16.72 | 91.10 | 16.07 | 81.90 | 14.71 |
|        | 13                | 11.8     | 108.6                     | 17.23 | 99.70 | 15.88 | 90.70 | 15.04 | 86.10 | 14.15 | 81.70 | 13.56 | 72.20 | 12.37 |
|        | 15                | 13.7     | 99.20                     | 14.73 | 90.00 | 13.55 | 81.00 | 12.79 | 76.40 | 12.00 | 71.70 | 11.49 | 62.40 | 10.41 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM880LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 108.4                     | 97.28 | 108.4 | 97.86 | 107.6 | 98.38 | 107.6 | 99.12 | 107.6 | 99.92 | 105.6 | 101.1 |
|        | -24.8             | -25      | 180.6                     | 99.18 | 180.6 | 99.78 | 179.2 | 100.3 | 179.2 | 101.1 | 179.2 | 101.8 | 176.2 | 103.0 |
|        | -21.8             | -22      | 221.2                     | 100.3 | 221.2 | 100.9 | 219.8 | 101.4 | 219.8 | 102.2 | 219.8 | 102.9 | 215.4 | 104.1 |
|        | -19.8             | -20      | 234.2                     | 101.0 | 234.2 | 101.6 | 232.4 | 102.1 | 232.4 | 102.9 | 232.4 | 103.7 | 228.2 | 104.8 |
|        | -18.8             | -19      | 239.4                     | 101.4 | 239.4 | 102.0 | 237.8 | 102.5 | 237.8 | 103.3 | 237.8 | 104.0 | 233.2 | 105.2 |
|        | -16.7             | -17      | 250.2                     | 102.2 | 250.2 | 102.8 | 248.6 | 103.3 | 248.6 | 104.1 | 248.6 | 104.8 | 244.0 | 106.0 |
|        | -15               | -15.9    | 257.8                     | 102.7 | 257.8 | 103.3 | 256.4 | 103.8 | 256.4 | 104.6 | 256.4 | 105.4 | 251.4 | 104.0 |
|        | -13.7             | -15      | 265.8                     | 103.3 | 265.8 | 103.9 | 264.2 | 104.4 | 264.2 | 105.2 | 264.2 | 105.9 | 259.0 | 102.1 |
|        | -11.8             | -13      | 274.4                     | 104.0 | 274.4 | 104.6 | 272.6 | 105.1 | 272.6 | 105.9 | 272.6 | 103.3 | 268.6 | 99.58 |
|        | -9.8              | -11      | 283.4                     | 104.7 | 283.4 | 105.3 | 281.8 | 105.8 | 281.8 | 103.1 | 281.8 | 100.5 | 278.6 | 96.98 |
|        | -9.5              | -10      | 285.0                     | 104.9 | 285.0 | 105.4 | 283.4 | 105.4 | 283.4 | 102.7 | 283.2 | 100.1 | 280.0 | 96.58 |
|        | -8.5              | -9.1     | 290.6                     | 105.2 | 290.6 | 105.8 | 288.8 | 104.0 | 288.8 | 101.3 | 287.6 | 98.76 | 285.2 | 95.28 |
|        | -7                | -7.6     | 299.0                     | 105.8 | 299.0 | 103.8 | 296.8 | 101.9 | 296.8 | 99.22 | 296.8 | 96.68 | 292.8 | 93.34 |
|        | -5                | -5.6     | 309.8                     | 103.2 | 309.8 | 101.1 | 307.8 | 99.12 | 307.8 | 96.50 | 307.8 | 93.98 | 302.6 | 90.78 |
|        | -3                | -3.7     | 320.8                     | 100.6 | 320.8 | 98.38 | 318.8 | 96.34 | 318.8 | 93.74 | 318.8 | 91.26 | 312.2 | 88.08 |
|        | 0                 | -0.7     | 337.2                     | 96.80 | 337.2 | 94.40 | 335.0 | 92.18 | 335.0 | 89.66 | 335.0 | 87.22 | 312.8 | 80.44 |
|        | 3                 | 2.2      | 353.8                     | 92.96 | 353.8 | 90.34 | 351.4 | 88.06 | 348.4 | 84.82 | 336.0 | 79.52 | 312.8 | 76.42 |
|        | 5                 | 4.1      | 348.2                     | 85.12 | 337.6 | 78.76 | 335.0 | 76.52 | 326.4 | 72.38 | 313.6 | 69.18 | 290.4 | 66.68 |
|        | 7                 | 6        | 320.2                     | 70.48 | 316.6 | 67.34 | 312.6 | 64.98 | 303.4 | 62.26 | 290.8 | 60.08 | 267.0 | 57.54 |
|        | 9                 | 7.9      | 298.8                     | 61.60 | 294.8 | 58.86 | 289.2 | 56.32 | 279.8 | 54.24 | 267.0 | 52.16 | 243.2 | 49.60 |
| 120    | 11                | 9.8      | 277.8                     | 54.38 | 272.2 | 51.68 | 265.2 | 49.18 | 255.2 | 47.16 | 242.8 | 45.18 | 218.2 | 42.58 |
|        | 13                | 11.8     | 256.0                     | 47.44 | 249.0 | 44.80 | 240.2 | 42.28 | 230.0 | 40.42 | 217.2 | 38.54 | 192.8 | 35.94 |
|        | 15                | 13.7     | 233.4                     | 40.78 | 224.8 | 38.24 | 214.4 | 35.78 | 204.0 | 34.04 | 191.0 | 32.30 | 166.2 | 29.74 |
|        | -30               | -30.2    | 107.6                     | 97.86 | 107.6 | 98.38 | 106.8 | 99.12 | 106.8 | 99.92 | 106.8 | 101.1 | 104.8 | 101.9 |
|        | -24.8             | -25      | 179.2                     | 99.78 | 179.2 | 100.3 | 178.0 | 101.1 | 178.0 | 101.8 | 178.0 | 103.0 | 174.8 | 103.8 |
|        | -21.8             | -22      | 219.8                     | 100.9 | 219.8 | 101.4 | 218.2 | 102.2 | 218.2 | 102.9 | 218.2 | 104.1 | 214.2 | 104.9 |
|        | -19.8             | -20      | 232.4                     | 101.6 | 232.4 | 102.1 | 231.0 | 102.9 | 231.0 | 103.7 | 231.0 | 104.8 | 226.4 | 105.6 |
|        | -18.8             | -19      | 237.6                     | 102.0 | 237.6 | 102.5 | 236.0 | 103.3 | 236.0 | 104.0 | 236.0 | 105.2 | 231.6 | 106.0 |
|        | -16.7             | -17      | 248.4                     | 102.8 | 248.4 | 103.3 | 246.8 | 104.1 | 246.8 | 104.8 | 246.8 | 106.0 | 242.0 | 103.5 |
|        | -15               | -15.9    | 256.2                     | 103.3 | 256.2 | 103.8 | 254.4 | 104.6 | 254.4 | 105.4 | 254.4 | 104.1 | 249.6 | 101.7 |
|        | -13.7             | -15      | 263.6                     | 103.9 | 263.6 | 104.4 | 262.2 | 105.2 | 262.2 | 105.9 | 262.2 | 102.2 | 257.2 | 99.90 |
|        | -11.8             | -13      | 272.4                     | 104.6 | 272.4 | 105.1 | 270.6 | 105.9 | 270.6 | 103.3 | 270.6 | 99.86 | 266.8 | 97.62 |
|        | -9.8              | -11      | 281.2                     | 105.3 | 281.2 | 105.8 | 279.6 | 103.0 | 279.6 | 100.5 | 279.6 | 97.38 | 276.8 | 95.24 |
|        | -9.5              | -10      | 283.2                     | 105.4 | 283.2 | 105.4 | 281.2 | 102.6 | 281.2 | 100.1 | 281.2 | 96.98 | 278.2 | 94.86 |
|        | -8.5              | -9.1     | 288.4                     | 105.8 | 288.4 | 103.8 | 286.6 | 101.1 | 286.6 | 98.70 | 286.6 | 95.76 | 283.2 | 93.66 |
|        | -7                | -7.6     | 296.6                     | 103.5 | 296.6 | 101.5 | 294.8 | 98.94 | 294.8 | 96.60 | 294.8 | 93.90 | 290.4 | 91.86 |
|        | -5                | -5.6     | 307.8                     | 100.6 | 307.8 | 98.54 | 305.6 | 96.06 | 305.6 | 93.86 | 305.6 | 91.44 | 293.8 | 87.44 |
|        | -3                | -3.7     | 318.4                     | 97.60 | 318.4 | 95.58 | 316.6 | 93.22 | 316.6 | 91.14 | 316.2 | 88.96 | 293.8 | 82.70 |
|        | 0                 | -0.7     | 334.8                     | 93.18 | 334.8 | 91.08 | 332.6 | 88.96 | 326.4 | 85.40 | 316.2 | 81.10 | 293.8 | 79.36 |
|        | 3                 | 2.2      | 351.2                     | 88.74 | 351.2 | 86.58 | 337.6 | 81.92 | 326.4 | 78.72 | 316.2 | 77.48 | 293.8 | 76.00 |
|        | 5                 | 4.1      | 336.4                     | 77.44 | 331.4 | 74.34 | 317.0 | 70.82 | 305.6 | 69.26 | 295.2 | 68.22 | 272.6 | 66.58 |
|        | 7                 | 6        | 316.8                     | 66.20 | 310.8 | 63.62 | 295.4 | 61.82 | 284.2 | 60.32 | 273.6 | 59.46 | 250.8 | 57.68 |
|        | 9                 | 7.9      | 296.6                     | 58.14 | 289.6 | 55.86 | 273.4 | 53.98 | 262.2 | 52.52 | 251.4 | 51.58 | 228.4 | 49.68 |
|        | 11                | 9.8      | 275.8                     | 51.26 | 267.4 | 48.98 | 250.6 | 47.02 | 239.2 | 45.62 | 228.4 | 44.62 | 205.0 | 42.62 |
|        | 13                | 11.8     | 254.2                     | 44.64 | 244.6 | 42.42 | 227.2 | 40.46 | 215.6 | 39.06 | 204.6 | 38.06 | 181.0 | 35.98 |
|        | 15                | 13.7     | 231.8                     | 38.34 | 220.8 | 36.16 | 202.8 | 34.22 | 191.0 | 32.90 | 179.8 | 31.86 | 156.0 | 29.78 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 107.2                     | 98.38 | 107.2 | 99.12 | 106.4 | 99.92 | 106.4 | 101.1 | 106.4 | 101.9 | 104.2 | 102.3 |
|        | -24.8             | -25      | 178.4                     | 100.3 | 178.4 | 101.1 | 177.2 | 101.8 | 177.2 | 103.0 | 177.2 | 103.8 | 173.6 | 104.2 |
|        | -21.8             | -22      | 218.4                     | 101.4 | 218.4 | 102.2 | 216.8 | 102.9 | 216.8 | 104.1 | 216.8 | 104.9 | 213.0 | 105.3 |
|        | -19.8             | -20      | 231.2                     | 102.1 | 231.2 | 102.9 | 229.8 | 103.7 | 229.8 | 104.8 | 229.8 | 105.6 | 225.2 | 106.0 |
|        | -18.8             | -19      | 236.2                     | 102.5 | 236.2 | 103.3 | 234.8 | 104.0 | 234.8 | 105.2 | 234.8 | 106.0 | 230.4 | 104.7 |
|        | -16.7             | -17      | 247.2                     | 103.3 | 247.2 | 104.1 | 245.4 | 104.8 | 245.4 | 106.0 | 245.4 | 103.3 | 240.8 | 101.9 |
|        | -15               | -15.9    | 254.6                     | 103.8 | 254.6 | 104.6 | 253.0 | 105.4 | 253.0 | 103.9 | 253.0 | 101.3 | 250.6 | 99.86 |
|        | -13.7             | -15      | 262.2                     | 104.4 | 262.2 | 105.2 | 260.6 | 105.9 | 260.6 | 101.8 | 260.6 | 99.38 | 260.6 | 97.86 |
|        | -11.8             | -13      | 270.6                     | 105.1 | 270.6 | 105.9 | 269.2 | 103.0 | 269.2 | 99.22 | 269.2 | 96.88 | 264.4 | 93.58 |
|        | -9.8              | -11      | 279.8                     | 105.8 | 279.8 | 102.6 | 278.2 | 99.94 | 278.2 | 96.46 | 278.2 | 94.30 | 264.4 | 88.52 |
|        | -9.5              | -10      | 281.2                     | 105.3 | 281.2 | 102.1 | 279.8 | 99.46 | 279.8 | 96.06 | 279.8 | 93.90 | 264.4 | 87.54 |
|        | -8.5              | -9.1     | 286.8                     | 103.5 | 286.8 | 100.5 | 285.2 | 97.94 | 285.2 | 94.68 | 283.2 | 91.92 | 264.4 | 86.26 |
|        | -7                | -7.6     | 295.2                     | 100.9 | 295.2 | 98.00 | 293.4 | 95.64 | 293.0 | 92.54 | 283.2 | 87.52 | 264.4 | 84.38 |
|        | -5                | -5.6     | 305.8                     | 97.42 | 305.8 | 94.76 | 303.0 | 92.36 | 293.0 | 86.72 | 283.2 | 83.60 | 264.4 | 81.86 |
|        | -3                | -3.7     | 316.8                     | 93.94 | 316.8 | 91.54 | 303.0 | 86.26 | 293.0 | 82.74 | 283.2 | 81.14 | 264.4 | 79.36 |
|        | 0                 | -0.7     | 332.8                     | 88.72 | 323.0 | 84.12 | 303.0 | 80.78 | 293.0 | 78.88 | 283.2 | 77.50 | 264.4 | 75.60 |
|        | 3                 | 2.2      | 341.8                     | 81.76 | 323.0 | 77.68 | 303.0 | 76.46 | 293.0 | 75.04 | 283.2 | 73.86 | 264.4 | 71.84 |
|        | 5                 | 4.1      | 323.6                     | 69.86 | 304.6 | 68.40 | 284.4 | 67.22 | 274.4 | 65.98 | 264.4 | 64.88 | 245.4 | 62.66 |
|        | 7                 | 6        | 304.8                     | 61.04 | 285.6 | 59.68 | 265.2 | 58.50 | 255.2 | 57.48 | 245.0 | 56.46 | 225.8 | 54.06 |
|        | 9                 | 7.9      | 285.4                     | 53.68 | 265.8 | 52.24 | 245.4 | 50.92 | 235.4 | 49.90 | 225.2 | 48.86 | 205.4 | 46.44 |
|        | 11                | 9.8      | 265.2                     | 47.18 | 245.6 | 45.66 | 225.2 | 44.26 | 214.8 | 43.20 | 204.6 | 42.14 | 184.6 | 39.76 |
|        | 13                | 11.8     | 244.6                     | 40.92 | 224.8 | 39.38 | 204.0 | 37.92 | 193.6 | 36.90 | 183.2 | 35.84 | 162.8 | 33.48 |
|        | 15                | 13.7     | 223.0                     | 35.00 | 202.8 | 33.48 | 182.0 | 31.98 | 171.6 | 31.00 | 161.0 | 29.94 | 140.4 | 27.66 |
| 100    | -30               | -30.2    | 106.4                     | 112.3 | 106.4 | 111.7 | 106.0 | 96.62 | 106.0 | 110.2 | 106.0 | 107.2 | 103.8 | 109.3 |
|        | -24.8             | -25      | 177.6                     | 110.6 | 177.6 | 110.0 | 176.6 | 102.1 | 176.6 | 108.6 | 176.6 | 108.0 | 172.8 | 107.7 |
|        | -21.8             | -22      | 217.2                     | 109.6 | 217.2 | 109.1 | 216.0 | 105.2 | 216.0 | 107.6 | 216.0 | 108.4 | 211.8 | 106.7 |
|        | -19.8             | -20      | 230.2                     | 109.0 | 230.2 | 108.4 | 228.8 | 107.2 | 228.8 | 107.0 | 228.8 | 106.8 | 224.4 | 106.0 |
|        | -18.8             | -19      | 235.2                     | 108.7 | 234.0 | 108.1 | 234.0 | 107.5 | 234.0 | 106.6 | 234.0 | 106.0 | 229.4 | 104.4 |
|        | -16.7             | -17      | 244.4                     | 108.0 | 244.4 | 107.4 | 244.4 | 108.3 | 243.0 | 106.0 | 243.0 | 102.6 | 238.6 | 100.9 |
|        | -15               | -15.9    | 252.8                     | 107.5 | 252.8 | 106.9 | 251.8 | 107.1 | 251.4 | 103.5 | 251.4 | 100.2 | 241.6 | 96.48 |
|        | -13.7             | -15      | 261.0                     | 107.1 | 261.0 | 106.5 | 259.4 | 105.9 | 259.4 | 101.1 | 259.4 | 97.70 | 241.6 | 91.06 |
|        | -11.8             | -13      | 269.4                     | 106.5 | 268.0 | 105.9 | 268.0 | 102.6 | 268.0 | 97.94 | 259.4 | 91.62 | 241.6 | 88.08 |
|        | -9.8              | -11      | 278.4                     | 105.8 | 278.4 | 102.2 | 277.2 | 99.20 | 268.2 | 91.64 | 259.4 | 86.78 | 241.6 | 84.96 |
|        | -9.5              | -10      | 279.8                     | 105.2 | 279.8 | 101.6 | 277.2 | 98.14 | 268.2 | 90.68 | 259.4 | 86.32 | 241.6 | 84.48 |
|        | -8.5              | -9.1     | 285.4                     | 103.4 | 285.4 | 99.82 | 277.2 | 94.54 | 268.2 | 87.82 | 259.4 | 84.78 | 241.6 | 82.90 |
|        | -7                | -7.6     | 298.4                     | 100.5 | 294.8 | 96.36 | 277.2 | 89.52 | 268.2 | 85.50 | 259.4 | 82.48 | 241.6 | 80.56 |
|        | -5                | -5.6     | 311.4                     | 96.70 | 294.8 | 89.44 | 277.2 | 86.32 | 268.2 | 82.42 | 259.4 | 79.46 | 241.6 | 77.48 |
|        | -3                | -3.7     | 312.6                     | 90.74 | 294.8 | 85.28 | 277.2 | 83.10 | 268.2 | 79.36 | 259.4 | 76.42 | 241.6 | 74.38 |
|        | 0                 | -0.7     | 312.6                     | 82.84 | 294.8 | 80.12 | 277.2 | 78.24 | 268.2 | 74.76 | 259.4 | 71.86 | 241.6 | 69.74 |
|        | 3                 | 2.2      | 312.6                     | 77.46 | 294.8 | 74.98 | 277.2 | 73.40 | 268.2 | 70.16 | 259.4 | 67.34 | 241.6 | 65.10 |
|        | 5                 | 4.1      | 296.0                     | 68.06 | 278.0 | 65.66 | 260.2 | 64.12 | 251.0 | 61.22 | 242.2 | 58.50 | 224.2 | 56.10 |
|        | 7                 | 6        | 278.8                     | 59.24 | 260.6 | 56.96 | 242.8 | 55.50 | 233.4 | 52.84 | 224.6 | 50.32 | 206.4 | 47.82 |
|        | 9                 | 7.9      | 260.8                     | 51.92 | 242.8 | 49.72 | 224.6 | 48.18 | 215.4 | 45.74 | 206.2 | 43.42 | 187.8 | 40.98 |
|        | 11                | 9.8      | 242.6                     | 45.50 | 224.2 | 43.32 | 206.0 | 41.76 | 196.6 | 39.50 | 187.4 | 37.36 | 168.6 | 35.00 |
|        | 13                | 11.8     | 223.4                     | 39.38 | 205.0 | 37.28 | 186.6 | 35.70 | 177.2 | 33.66 | 167.8 | 31.70 | 148.8 | 29.42 |
|        | 15                | 13.7     | 204.0                     | 33.58 | 185.2 | 31.62 | 166.4 | 30.04 | 157.0 | 28.22 | 147.6 | 26.46 | 128.4 | 24.30 |
| 90     | -30               | -30.2    | 106.2                     | 96.84 | 106.2 | 97.92 | 105.4 | 98.80 | 105.4 | 99.12 | 105.4 | 99.98 | 103.4 | 110.8 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 177.0                     | 98.72 | 177.0 | 99.88 | 175.8 | 100.7 | 175.8 | 101.1 | 175.8 | 101.9 | 172.4 | 103.1 |
|        | -21.8             | -22      | 216.4                     | 99.80 | 216.4 | 101.0 | 215.2 | 101.8 | 215.2 | 102.2 | 215.2 | 103.0 | 211.0 | 98.64 |
|        | -19.8             | -20      | 229.4                     | 100.6 | 229.4 | 101.7 | 227.8 | 102.6 | 227.8 | 103.0 | 227.8 | 99.98 | 220.8 | 94.56 |
|        | -18.8             | -19      | 235.2                     | 100.9 | 234.0 | 102.1 | 232.8 | 102.9 | 232.8 | 101.4 | 232.8 | 98.46 | 220.8 | 91.10 |
|        | -16.7             | -17      | 244.4                     | 101.7 | 244.4 | 102.9 | 243.4 | 99.72 | 243.4 | 98.14 | 238.0 | 93.14 | 220.8 | 86.48 |
|        | -15               | -15.9    | 252.8                     | 102.3 | 252.8 | 100.5 | 251.0 | 97.46 | 245.8 | 93.84 | 238.0 | 89.60 | 220.8 | 84.38 |
|        | -13.7             | -15      | 261.0                     | 102.8 | 261.0 | 98.12 | 253.6 | 93.28 | 245.8 | 88.90 | 238.0 | 86.16 | 220.8 | 82.30 |
|        | -11.8             | -13      | 269.4                     | 99.58 | 268.0 | 95.14 | 253.6 | 87.62 | 245.8 | 85.96 | 238.0 | 83.46 | 220.8 | 79.62 |
|        | -9.8              | -11      | 278.4                     | 96.18 | 269.2 | 88.96 | 253.6 | 84.68 | 245.8 | 83.00 | 238.0 | 80.62 | 220.8 | 76.84 |
|        | -9.5              | -10      | 279.8                     | 95.64 | 269.2 | 88.02 | 253.6 | 84.24 | 245.8 | 82.56 | 238.0 | 80.18 | 220.8 | 76.42 |
|        | -8.5              | -9.1     | 285.4                     | 93.96 | 269.2 | 85.46 | 253.6 | 82.80 | 245.8 | 81.12 | 238.0 | 78.76 | 220.8 | 75.02 |
|        | -7                | -7.6     | 286.2                     | 87.66 | 269.2 | 83.10 | 253.6 | 80.64 | 245.8 | 78.92 | 238.0 | 76.62 | 220.8 | 72.92 |
|        | -5                | -5.6     | 286.2                     | 83.54 | 269.2 | 80.16 | 253.6 | 77.80 | 245.8 | 76.02 | 238.0 | 73.82 | 220.8 | 70.20 |
|        | -3                | -3.7     | 286.2                     | 80.36 | 269.2 | 77.20 | 253.6 | 74.96 | 245.8 | 73.12 | 238.0 | 70.98 | 220.8 | 67.44 |
|        | 0                 | -0.7     | 286.2                     | 75.58 | 269.2 | 72.74 | 253.6 | 70.70 | 245.8 | 68.78 | 238.0 | 66.76 | 220.8 | 63.32 |
|        | 3                 | 2.2      | 286.2                     | 70.78 | 269.2 | 68.32 | 253.6 | 66.42 | 245.8 | 64.46 | 238.0 | 62.54 | 220.8 | 59.16 |
|        | 5                 | 4.1      | 270.8                     | 62.32 | 253.8 | 60.06 | 238.2 | 58.20 | 230.0 | 56.22 | 222.2 | 54.40 | 205.0 | 51.12 |
|        | 7                 | 6        | 255.0                     | 54.40 | 238.0 | 52.36 | 222.0 | 50.50 | 214.0 | 48.58 | 206.0 | 46.92 | 188.6 | 43.74 |
|        | 9                 | 7.9      | 238.8                     | 47.18 | 221.6 | 45.20 | 205.6 | 43.42 | 197.4 | 41.62 | 189.2 | 40.06 | 171.6 | 37.12 |
|        | 11                | 9.8      | 222.0                     | 40.50 | 204.6 | 38.62 | 188.4 | 36.88 | 180.2 | 35.26 | 172.0 | 33.82 | 154.0 | 31.10 |
|        | 13                | 11.8     | 204.8                     | 34.36 | 187.4 | 32.60 | 170.8 | 30.96 | 162.2 | 29.48 | 154.0 | 28.18 | 136.0 | 25.68 |
|        | 15                | 13.7     | 186.8                     | 28.76 | 169.0 | 27.14 | 152.4 | 25.56 | 143.8 | 24.28 | 135.4 | 23.08 | 117.4 | 20.86 |
| 80     | -30               | -30.2    | 105.6                     | 85.22 | 105.6 | 86.46 | 105.0 | 87.34 | 105.0 | 86.30 | 105.0 | 98.36 | 103.0 | 94.28 |
|        | -24.8             | -25      | 176.2                     | 87.20 | 176.2 | 88.40 | 175.0 | 89.24 | 175.0 | 89.62 | 175.0 | 91.58 | 171.6 | 87.74 |
|        | -21.8             | -22      | 214.2                     | 88.34 | 214.2 | 89.50 | 214.2 | 90.34 | 214.2 | 91.52 | 212.2 | 86.88 | 197.4 | 79.70 |
|        | -19.8             | -20      | 226.8                     | 89.08 | 226.8 | 90.26 | 226.6 | 91.38 | 220.0 | 86.08 | 212.2 | 80.72 | 197.4 | 77.28 |
|        | -18.8             | -19      | 232.0                     | 89.46 | 232.0 | 91.46 | 226.8 | 88.08 | 220.0 | 83.02 | 212.2 | 79.50 | 197.4 | 76.14 |
|        | -16.7             | -17      | 239.2                     | 91.42 | 239.2 | 88.56 | 226.8 | 82.72 | 220.0 | 80.20 | 212.2 | 76.92 | 197.4 | 73.66 |
|        | -15               | -15.9    | 244.6                     | 89.28 | 241.6 | 86.34 | 226.8 | 80.74 | 220.0 | 78.24 | 212.2 | 75.06 | 197.4 | 71.86 |
|        | -13.7             | -15      | 250.0                     | 87.14 | 241.6 | 83.24 | 226.8 | 78.76 | 220.0 | 76.28 | 212.2 | 73.22 | 197.4 | 70.08 |
|        | -11.8             | -13      | 256.2                     | 84.42 | 241.6 | 79.50 | 226.8 | 76.26 | 220.0 | 73.84 | 212.2 | 70.88 | 197.4 | 67.84 |
|        | -9.8              | -11      | 256.4                     | 79.54 | 241.6 | 75.82 | 226.8 | 73.64 | 220.0 | 71.22 | 212.2 | 68.40 | 197.4 | 65.46 |
|        | -9.5              | -10      | 256.4                     | 78.54 | 241.6 | 74.96 | 226.8 | 73.24 | 220.0 | 70.84 | 212.2 | 68.04 | 197.4 | 65.12 |
|        | -8.5              | -9.1     | 256.4                     | 76.44 | 241.6 | 73.34 | 226.8 | 71.92 | 220.0 | 69.54 | 212.2 | 66.84 | 197.4 | 63.96 |
|        | -7                | -7.6     | 256.4                     | 73.64 | 241.6 | 71.36 | 226.8 | 69.96 | 220.0 | 67.58 | 212.2 | 65.00 | 197.4 | 62.16 |
|        | -5                | -5.6     | 256.4                     | 70.96 | 241.6 | 68.82 | 226.8 | 67.34 | 220.0 | 65.04 | 212.2 | 62.54 | 197.4 | 59.84 |
|        | -3                | -3.7     | 256.4                     | 68.30 | 241.6 | 66.22 | 226.8 | 64.76 | 220.0 | 62.46 | 212.2 | 60.12 | 197.4 | 57.48 |
|        | 0                 | -0.7     | 256.4                     | 64.28 | 241.6 | 62.38 | 226.8 | 60.88 | 220.0 | 58.62 | 212.2 | 56.48 | 197.4 | 54.00 |
|        | 3                 | 2.2      | 256.4                     | 60.28 | 241.6 | 58.50 | 226.8 | 56.96 | 220.0 | 54.74 | 212.2 | 52.86 | 197.4 | 50.50 |
|        | 5                 | 4.1      | 242.8                     | 53.20 | 227.8 | 51.46 | 212.8 | 49.86 | 206.0 | 47.74 | 198.2 | 46.02 | 183.2 | 43.72 |
|        | 7                 | 6        | 228.6                     | 46.54 | 213.6 | 44.86 | 198.6 | 43.20 | 191.4 | 41.24 | 183.6 | 39.68 | 168.4 | 37.50 |
|        | 9                 | 7.9      | 214.0                     | 39.86 | 199.0 | 38.28 | 183.8 | 36.66 | 176.6 | 34.90 | 168.6 | 33.50 | 153.4 | 31.46 |
|        | 11                | 9.8      | 198.8                     | 33.46 | 183.8 | 32.00 | 168.4 | 30.52 | 161.2 | 28.94 | 153.2 | 27.70 | 137.8 | 25.82 |
|        | 13                | 11.8     | 183.4                     | 28.04 | 168.0 | 26.66 | 152.6 | 25.30 | 145.2 | 23.92 | 137.2 | 22.80 | 121.6 | 21.08 |
|        | 15                | 13.7     | 167.2                     | 23.46 | 151.8 | 22.18 | 136.2 | 20.90 | 128.8 | 19.70 | 120.6 | 18.70 | 104.8 | 17.14 |
| 70     | -30               | -30.2    | 105.6                     | 85.26 | 105.6 | 85.70 | 105.0 | 86.48 | 105.0 | 97.02 | 105.0 | 92.36 | 103.0 | 88.14 |
|        | -24.8             | -25      | 176.2                     | 87.24 | 176.2 | 87.64 | 175.0 | 88.44 | 175.0 | 89.62 | 175.0 | 85.42 | 169.0 | 80.24 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 204.8                     | 88.38 | 204.8 | 88.76 | 193.2 | 85.00 | 186.6 | 81.00 | 180.8 | 77.24 | 169.0 | 73.64 |
|        | -19.8             | -20      | 217.4                     | 86.48 | 205.2 | 84.94 | 193.2 | 82.14 | 186.6 | 78.30 | 180.8 | 74.74 | 169.0 | 71.18 |
|        | -18.8             | -19      | 217.4                     | 84.94 | 205.2 | 83.52 | 193.2 | 80.74 | 186.6 | 76.94 | 180.8 | 73.44 | 169.0 | 69.96 |
|        | -16.7             | -17      | 217.4                     | 81.90 | 205.2 | 80.40 | 193.2 | 77.76 | 186.6 | 74.10 | 180.8 | 70.82 | 169.0 | 67.38 |
|        | -15               | -15.9    | 217.4                     | 79.74 | 205.2 | 78.22 | 193.2 | 75.62 | 186.6 | 72.08 | 180.8 | 68.92 | 169.0 | 65.56 |
|        | -13.7             | -15      | 217.4                     | 77.56 | 205.2 | 76.02 | 193.2 | 73.50 | 186.6 | 70.08 | 180.8 | 67.02 | 169.0 | 63.72 |
|        | -11.8             | -13      | 217.4                     | 74.80 | 205.2 | 73.26 | 193.2 | 70.82 | 186.6 | 67.50 | 180.8 | 64.62 | 169.0 | 61.42 |
|        | -9.8              | -11      | 217.4                     | 71.94 | 205.2 | 70.30 | 193.2 | 68.00 | 186.6 | 64.82 | 180.8 | 62.12 | 169.0 | 58.98 |
|        | -9.5              | -10      | 217.4                     | 71.50 | 205.2 | 69.86 | 193.2 | 67.56 | 186.6 | 64.40 | 180.8 | 61.74 | 169.0 | 58.62 |
|        | -8.5              | -9.1     | 217.4                     | 70.06 | 205.2 | 68.42 | 193.2 | 66.16 | 186.6 | 63.06 | 180.8 | 60.46 | 169.0 | 57.40 |
|        | -7                | -7.6     | 217.4                     | 67.88 | 205.2 | 66.24 | 193.2 | 64.06 | 186.6 | 61.06 | 180.8 | 58.58 | 169.0 | 55.56 |
|        | -5                | -5.6     | 217.4                     | 65.04 | 205.2 | 63.34 | 193.2 | 61.22 | 186.6 | 58.40 | 180.8 | 56.10 | 169.0 | 53.18 |
|        | -3                | -3.7     | 217.4                     | 62.20 | 205.2 | 60.46 | 193.2 | 58.44 | 186.6 | 55.74 | 180.8 | 53.60 | 169.0 | 50.76 |
|        | 0                 | -0.7     | 217.4                     | 57.92 | 205.2 | 56.12 | 193.2 | 54.26 | 186.6 | 51.76 | 180.8 | 49.88 | 169.0 | 47.16 |
|        | 3                 | 2.2      | 217.4                     | 53.64 | 205.2 | 51.80 | 193.2 | 50.06 | 186.6 | 47.78 | 180.8 | 46.16 | 169.0 | 43.54 |
|        | 5                 | 4.1      | 205.8                     | 46.96 | 193.4 | 45.06 | 181.4 | 43.44 | 174.8 | 41.38 | 168.8 | 39.94 | 156.8 | 37.44 |
|        | 7                 | 6        | 193.8                     | 40.76 | 181.4 | 38.88 | 169.0 | 37.28 | 162.4 | 35.44 | 156.6 | 34.24 | 144.4 | 31.84 |
|        | 9                 | 7.9      | 181.4                     | 33.66 | 168.8 | 31.96 | 156.6 | 30.50 | 149.8 | 28.96 | 143.8 | 27.88 | 131.2 | 25.78 |
|        | 11                | 9.8      | 168.6                     | 28.42 | 156.0 | 26.88 | 143.4 | 25.56 | 136.8 | 24.18 | 130.6 | 23.20 | 118.0 | 21.32 |
|        | 13                | 11.8     | 155.4                     | 23.94 | 142.8 | 22.54 | 130.0 | 21.30 | 123.2 | 20.10 | 117.0 | 19.24 | 104.2 | 17.56 |
|        | 15                | 13.7     | 141.8                     | 20.14 | 128.8 | 18.86 | 116.2 | 17.76 | 109.2 | 16.66 | 102.8 | 15.90 | 89.80 | 14.40 |
| 60     | -30               | -30.2    | 105.0                     | 84.50 | 105.0 | 85.28 | 104.2 | 96.50 | 101.2 | 91.40 | 97.60 | 86.70 | 91.60 | 82.46 |
|        | -24.8             | -25      | 174.8                     | 86.48 | 174.8 | 87.26 | 165.6 | 84.40 | 160.0 | 79.64 | 154.4 | 75.60 | 144.8 | 71.80 |
|        | -21.8             | -22      | 186.6                     | 87.00 | 176.4 | 83.90 | 165.6 | 79.58 | 160.0 | 75.54 | 154.4 | 71.74 | 144.8 | 68.06 |
|        | -19.8             | -20      | 186.6                     | 83.86 | 176.4 | 80.82 | 165.6 | 76.66 | 160.0 | 72.80 | 154.4 | 69.16 | 144.8 | 65.58 |
|        | -18.8             | -19      | 186.6                     | 82.30 | 176.4 | 79.28 | 165.6 | 75.24 | 160.0 | 71.46 | 154.4 | 67.88 | 144.8 | 64.32 |
|        | -16.7             | -17      | 186.6                     | 79.04 | 176.4 | 76.04 | 165.6 | 72.16 | 160.0 | 68.58 | 154.4 | 65.20 | 144.8 | 61.72 |
|        | -15               | -15.9    | 186.6                     | 76.72 | 176.4 | 73.74 | 165.6 | 69.98 | 160.0 | 66.54 | 154.4 | 63.26 | 144.8 | 59.88 |
|        | -13.7             | -15      | 186.6                     | 74.40 | 176.4 | 71.46 | 165.6 | 67.82 | 160.0 | 64.50 | 154.4 | 61.36 | 144.8 | 58.02 |
|        | -11.8             | -13      | 186.6                     | 71.46 | 176.4 | 68.52 | 165.6 | 65.04 | 160.0 | 61.90 | 154.4 | 58.92 | 144.8 | 55.66 |
|        | -9.8              | -11      | 186.6                     | 68.36 | 176.4 | 65.44 | 165.6 | 62.16 | 160.0 | 59.20 | 154.4 | 56.36 | 144.8 | 53.20 |
|        | -9.5              | -10      | 186.6                     | 67.90 | 176.4 | 64.98 | 165.6 | 61.74 | 160.0 | 58.78 | 154.4 | 55.96 | 144.8 | 52.82 |
|        | -8.5              | -9.1     | 186.6                     | 66.36 | 176.4 | 63.46 | 165.6 | 60.30 | 160.0 | 57.44 | 154.4 | 54.70 | 144.8 | 51.58 |
|        | -7                | -7.6     | 186.6                     | 64.06 | 176.4 | 61.18 | 165.6 | 58.12 | 160.0 | 55.40 | 154.4 | 52.80 | 144.8 | 49.72 |
|        | -5                | -5.6     | 186.6                     | 60.96 | 176.4 | 58.12 | 165.6 | 55.26 | 160.0 | 52.72 | 154.4 | 50.26 | 144.8 | 47.30 |
|        | -3                | -3.7     | 186.6                     | 57.94 | 176.4 | 55.10 | 165.6 | 52.38 | 160.0 | 50.02 | 154.4 | 47.72 | 144.8 | 44.84 |
|        | 0                 | -0.7     | 186.6                     | 53.32 | 176.4 | 50.54 | 165.6 | 48.10 | 160.0 | 45.98 | 154.4 | 43.92 | 144.8 | 41.18 |
|        | 3                 | 2.2      | 186.6                     | 48.72 | 176.4 | 45.98 | 165.6 | 43.78 | 160.0 | 41.96 | 154.4 | 40.14 | 144.8 | 37.50 |
|        | 5                 | 4.1      | 176.6                     | 42.32 | 166.4 | 39.68 | 155.4 | 37.68 | 149.8 | 36.10 | 144.2 | 34.48 | 134.4 | 32.00 |
|        | 7                 | 6        | 166.4                     | 36.38 | 156.0 | 33.86 | 145.0 | 32.08 | 139.4 | 30.68 | 133.6 | 29.30 | 123.6 | 27.00 |
|        | 9                 | 7.9      | 155.8                     | 29.78 | 145.2 | 27.60 | 134.2 | 26.00 | 128.4 | 24.84 | 122.8 | 23.68 | 112.6 | 21.68 |
|        | 11                | 9.8      | 144.8                     | 25.28 | 134.2 | 23.36 | 123.0 | 21.94 | 117.4 | 20.90 | 111.4 | 19.88 | 101.2 | 18.08 |
|        | 13                | 11.8     | 133.4                     | 21.42 | 122.8 | 19.70 | 111.4 | 18.44 | 105.6 | 17.52 | 99.80 | 16.60 | 89.20 | 15.02 |
|        | 15                | 13.7     | 121.8                     | 18.16 | 110.8 | 16.64 | 99.40 | 15.46 | 93.60 | 14.66 | 87.80 | 13.86 | 77.00 | 12.46 |
| 50     | -30               | -30.2    | 98.40                     | 73.34 | 92.80 | 83.50 | 87.20 | 79.06 | 84.40 | 74.98 | 81.60 | 70.98 | 76.00 | 67.50 |
|        | -24.8             | -25      | 155.6                     | 71.46 | 146.8 | 72.58 | 138.0 | 68.78 | 133.6 | 65.24 | 129.0 | 61.90 | 120.0 | 58.76 |
|        | -21.8             | -22      | 155.6                     | 72.54 | 146.8 | 68.76 | 138.0 | 65.20 | 133.6 | 61.84 | 129.0 | 58.72 | 120.0 | 55.70 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 155.6                     | 69.86 | 146.8 | 66.18 | 138.0 | 62.80 | 133.6 | 59.56 | 129.0 | 56.60 | 120.0 | 53.64 |
|        | -18.8             | -19      | 155.6                     | 68.52 | 146.8 | 64.90 | 138.0 | 61.62 | 133.6 | 58.46 | 129.0 | 55.54 | 120.0 | 52.66 |
|        | -16.7             | -17      | 155.6                     | 65.74 | 146.8 | 62.24 | 138.0 | 59.12 | 133.6 | 56.06 | 129.0 | 53.34 | 120.0 | 50.52 |
|        | -15               | -15.9    | 155.6                     | 63.74 | 146.8 | 60.30 | 138.0 | 57.32 | 133.6 | 54.36 | 129.0 | 51.76 | 120.0 | 49.00 |
|        | -13.7             | -15      | 155.6                     | 61.74 | 146.8 | 58.40 | 138.0 | 55.52 | 133.6 | 52.68 | 129.0 | 50.18 | 120.0 | 47.48 |
|        | -11.8             | -13      | 155.6                     | 59.22 | 146.8 | 56.00 | 138.0 | 53.28 | 133.6 | 50.54 | 129.0 | 48.18 | 120.0 | 45.56 |
|        | -9.8              | -11      | 155.6                     | 56.58 | 146.8 | 53.44 | 138.0 | 50.88 | 133.6 | 48.26 | 129.0 | 46.06 | 120.0 | 43.52 |
|        | -9.5              | -10      | 155.6                     | 56.16 | 146.8 | 53.08 | 138.0 | 50.52 | 133.6 | 47.94 | 129.0 | 45.78 | 120.0 | 43.22 |
|        | -8.5              | -9.1     | 155.6                     | 54.84 | 146.8 | 51.80 | 138.0 | 49.34 | 133.6 | 46.82 | 129.0 | 44.72 | 120.0 | 42.20 |
|        | -7                | -7.6     | 155.6                     | 52.84 | 146.8 | 49.90 | 138.0 | 47.56 | 133.6 | 45.14 | 129.0 | 43.14 | 120.0 | 40.70 |
|        | -5                | -5.6     | 155.6                     | 50.20 | 146.8 | 47.38 | 138.0 | 45.22 | 133.6 | 42.92 | 129.0 | 41.06 | 120.0 | 38.68 |
|        | -3                | -3.7     | 155.6                     | 47.60 | 146.8 | 44.86 | 138.0 | 42.84 | 133.6 | 40.66 | 129.0 | 38.98 | 120.0 | 36.70 |
|        | 0                 | -0.7     | 155.6                     | 43.66 | 146.8 | 41.04 | 138.0 | 39.30 | 133.6 | 37.32 | 129.0 | 35.88 | 120.0 | 33.68 |
|        | 3                 | 2.2      | 155.6                     | 39.70 | 146.8 | 37.30 | 138.0 | 35.80 | 133.6 | 33.96 | 129.0 | 32.76 | 120.0 | 30.68 |
|        | 5                 | 4.1      | 147.2                     | 34.44 | 138.4 | 32.20 | 129.6 | 30.86 | 125.2 | 29.24 | 120.6 | 28.22 | 111.2 | 26.26 |
|        | 7                 | 6        | 138.8                     | 29.58 | 129.8 | 27.52 | 120.8 | 26.34 | 116.4 | 24.92 | 111.8 | 24.06 | 102.4 | 22.26 |
|        | 9                 | 7.9      | 129.8                     | 24.58 | 120.8 | 22.80 | 111.8 | 21.74 | 107.2 | 20.52 | 102.6 | 19.76 | 93.20 | 18.18 |
|        | 11                | 9.8      | 120.8                     | 21.02 | 111.6 | 19.42 | 102.4 | 18.46 | 98.00 | 17.40 | 93.20 | 16.72 | 83.80 | 15.30 |
|        | 13                | 11.8     | 111.2                     | 17.94 | 102.0 | 16.52 | 92.80 | 15.64 | 88.20 | 14.70 | 83.60 | 14.08 | 73.80 | 12.84 |
|        | 15                | 13.7     | 101.6                     | 15.32 | 92.20 | 14.08 | 83.00 | 13.28 | 78.20 | 12.44 | 73.40 | 11.90 | 63.80 | 10.76 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM900LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 110.9                     | 99.87 | 110.9 | 100.5 | 110.1 | 101.0 | 110.1 | 101.7 | 110.1 | 102.5 | 108.1 | 103.8 |
|        | -24.8             | -25      | 184.8                     | 101.7 | 184.8 | 102.3 | 183.5 | 102.8 | 183.5 | 103.6 | 183.5 | 104.4 | 180.2 | 105.6 |
|        | -21.8             | -22      | 226.3                     | 102.7 | 226.3 | 103.4 | 224.9 | 103.9 | 224.9 | 104.7 | 224.9 | 105.4 | 220.4 | 106.6 |
|        | -19.8             | -20      | 239.6                     | 103.5 | 239.6 | 104.1 | 237.7 | 104.6 | 237.7 | 105.4 | 237.7 | 106.1 | 233.5 | 107.3 |
|        | -18.8             | -19      | 244.9                     | 103.8 | 244.9 | 104.4 | 243.2 | 104.9 | 243.2 | 105.7 | 243.2 | 106.5 | 238.6 | 107.7 |
|        | -16.7             | -17      | 256.0                     | 104.6 | 256.0 | 105.2 | 254.2 | 105.7 | 254.2 | 106.5 | 254.2 | 107.2 | 249.6 | 108.4 |
|        | -15               | -15.9    | 263.8                     | 105.1 | 263.8 | 105.7 | 262.2 | 106.2 | 262.2 | 107.0 | 262.2 | 107.8 | 257.1 | 106.4 |
|        | -13.7             | -15      | 271.9                     | 105.6 | 271.9 | 106.2 | 270.1 | 106.7 | 270.1 | 107.5 | 270.1 | 108.3 | 264.9 | 104.4 |
|        | -11.8             | -13      | 280.7                     | 106.3 | 280.7 | 106.9 | 278.9 | 107.4 | 278.9 | 108.2 | 278.9 | 105.6 | 274.8 | 101.8 |
|        | -9.8              | -11      | 290.0                     | 107.0 | 290.0 | 107.6 | 288.2 | 108.1 | 288.2 | 105.4 | 288.2 | 102.7 | 285.0 | 99.09 |
|        | -9.5              | -10      | 291.6                     | 107.1 | 291.6 | 107.7 | 289.9 | 107.7 | 289.9 | 104.9 | 289.7 | 102.3 | 286.5 | 98.67 |
|        | -8.5              | -9.1     | 297.3                     | 107.5 | 297.3 | 108.1 | 295.5 | 106.2 | 295.5 | 103.5 | 294.3 | 100.9 | 291.7 | 97.34 |
|        | -7                | -7.6     | 305.8                     | 108.0 | 305.8 | 106.0 | 303.7 | 104.1 | 303.7 | 101.3 | 303.7 | 98.73 | 299.5 | 95.32 |
|        | -5                | -5.6     | 316.9                     | 105.4 | 316.9 | 103.2 | 314.8 | 101.2 | 314.8 | 98.54 | 314.8 | 95.97 | 309.6 | 92.70 |
|        | -3                | -3.7     | 328.2                     | 102.8 | 328.2 | 100.5 | 326.0 | 98.39 | 326.0 | 95.73 | 326.0 | 93.20 | 319.5 | 89.95 |
|        | 0                 | -0.7     | 345.0                     | 98.85 | 345.0 | 96.40 | 342.7 | 94.15 | 342.7 | 91.57 | 342.7 | 89.07 | 319.9 | 82.13 |
|        | 3                 | 2.2      | 361.9                     | 94.94 | 361.9 | 92.25 | 359.5 | 89.92 | 356.3 | 86.60 | 343.6 | 81.17 | 319.9 | 78.03 |
|        | 5                 | 4.1      | 360.1                     | 88.40 | 345.3 | 80.41 | 342.6 | 78.10 | 333.8 | 73.87 | 320.7 | 70.61 | 297.0 | 68.06 |
|        | 7                 | 6        | 327.9                     | 72.03 | 323.8 | 68.70 | 319.7 | 66.30 | 310.2 | 63.51 | 297.4 | 61.29 | 273.1 | 58.70 |
|        | 9                 | 7.9      | 305.7                     | 62.83 | 301.6 | 60.03 | 295.8 | 57.44 | 286.1 | 55.32 | 273.1 | 53.21 | 248.7 | 50.60 |
|        | 11                | 9.8      | 284.1                     | 55.45 | 278.4 | 52.70 | 271.2 | 50.14 | 261.0 | 48.09 | 248.3 | 46.08 | 223.2 | 43.43 |
|        | 13                | 11.8     | 261.9                     | 48.37 | 254.7 | 45.68 | 245.7 | 43.13 | 235.2 | 41.22 | 222.1 | 39.32 | 197.2 | 36.68 |
|        | 15                | 13.7     | 238.7                     | 41.58 | 230.0 | 39.01 | 219.2 | 36.51 | 208.6 | 34.74 | 195.4 | 32.97 | 169.9 | 30.38 |
| 120    | -30               | -30.2    | 110.1                     | 100.5 | 110.1 | 101.0 | 109.4 | 101.7 | 109.4 | 102.5 | 109.4 | 103.8 | 107.3 | 104.6 |
|        | -24.8             | -25      | 183.4                     | 102.3 | 183.4 | 102.8 | 182.3 | 103.6 | 182.3 | 104.4 | 182.3 | 105.6 | 178.9 | 106.4 |
|        | -21.8             | -22      | 224.8                     | 103.4 | 224.8 | 103.9 | 223.3 | 104.7 | 223.3 | 105.4 | 223.3 | 106.6 | 219.1 | 107.5 |
|        | -19.8             | -20      | 237.7                     | 104.1 | 237.7 | 104.6 | 236.2 | 105.4 | 236.2 | 106.1 | 236.2 | 107.3 | 231.7 | 108.2 |
|        | -18.8             | -19      | 243.0                     | 104.4 | 243.0 | 104.9 | 241.4 | 105.7 | 241.4 | 106.5 | 241.4 | 107.7 | 236.9 | 108.5 |
|        | -16.7             | -17      | 254.0                     | 105.2 | 254.0 | 105.7 | 252.4 | 106.5 | 252.4 | 107.2 | 252.4 | 108.4 | 247.6 | 105.9 |
|        | -15               | -15.9    | 262.0                     | 105.7 | 262.0 | 106.2 | 260.2 | 107.0 | 260.2 | 107.8 | 260.2 | 106.5 | 255.3 | 104.0 |
|        | -13.7             | -15      | 269.7                     | 106.2 | 269.7 | 106.7 | 268.2 | 107.5 | 268.2 | 108.3 | 268.2 | 104.5 | 263.0 | 102.2 |
|        | -11.8             | -13      | 278.6                     | 106.9 | 278.6 | 107.4 | 276.8 | 108.2 | 276.8 | 105.6 | 276.8 | 102.1 | 272.9 | 99.79 |
|        | -9.8              | -11      | 287.8                     | 107.6 | 287.8 | 108.1 | 286.1 | 105.2 | 286.1 | 102.7 | 286.1 | 99.50 | 283.2 | 97.31 |
|        | -9.5              | -10      | 289.7                     | 107.7 | 289.7 | 107.7 | 287.8 | 104.8 | 287.8 | 102.3 | 287.8 | 99.09 | 284.6 | 96.92 |
|        | -8.5              | -9.1     | 295.2                     | 108.1 | 295.2 | 106.1 | 293.1 | 103.3 | 293.1 | 100.8 | 293.1 | 97.82 | 289.7 | 95.68 |
|        | -7                | -7.6     | 303.5                     | 105.7 | 303.5 | 103.7 | 301.6 | 101.0 | 301.6 | 98.65 | 301.6 | 95.89 | 297.2 | 93.82 |
|        | -5                | -5.6     | 314.8                     | 102.7 | 314.8 | 100.6 | 312.7 | 98.11 | 312.7 | 95.86 | 312.7 | 93.38 | 300.5 | 89.31 |
|        | -3                | -3.7     | 325.7                     | 99.68 | 325.7 | 97.61 | 323.8 | 95.20 | 323.8 | 93.08 | 323.4 | 90.83 | 300.5 | 84.43 |
|        | 0                 | -0.7     | 342.5                     | 95.16 | 342.5 | 93.01 | 340.2 | 90.85 | 333.8 | 87.21 | 323.4 | 82.82 | 300.5 | 81.02 |
|        | 3                 | 2.2      | 359.2                     | 90.63 | 359.2 | 88.42 | 345.3 | 83.65 | 333.8 | 80.37 | 323.4 | 79.10 | 300.5 | 77.59 |
|        | 5                 | 4.1      | 344.0                     | 79.02 | 339.0 | 75.87 | 324.2 | 72.28 | 312.5 | 70.68 | 302.0 | 69.62 | 278.8 | 67.95 |
|        | 7                 | 6        | 324.0                     | 67.52 | 317.9 | 64.92 | 302.2 | 63.08 | 290.6 | 61.54 | 279.9 | 60.67 | 256.6 | 58.85 |
|        | 9                 | 7.9      | 303.3                     | 59.30 | 296.2 | 56.98 | 279.7 | 55.06 | 268.1 | 53.58 | 257.1 | 52.63 | 233.6 | 50.69 |
|        | 11                | 9.8      | 282.0                     | 52.27 | 273.4 | 49.95 | 256.4 | 47.97 | 244.6 | 46.54 | 233.6 | 45.52 | 209.7 | 43.48 |
|        | 13                | 11.8     | 259.9                     | 45.52 | 250.1 | 43.26 | 232.4 | 41.27 | 220.5 | 39.86 | 209.3 | 38.84 | 185.1 | 36.73 |
|        | 15                | 13.7     | 237.0                     | 39.10 | 225.8 | 36.89 | 207.5 | 34.93 | 195.4 | 33.59 | 183.9 | 32.54 | 159.5 | 30.44 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 109.7                     | 101.0 | 109.7 | 101.7 | 108.9 | 102.5 | 108.9 | 103.8 | 108.9 | 104.6 | 106.7 | 105.0 |
|        | -24.8             | -25      | 182.6                     | 102.8 | 182.6 | 103.6 | 181.3 | 104.4 | 181.3 | 105.6 | 181.3 | 106.4 | 177.7 | 106.8 |
|        | -21.8             | -22      | 223.5                     | 103.9 | 223.5 | 104.7 | 221.8 | 105.4 | 221.8 | 106.6 | 221.8 | 107.5 | 217.9 | 107.9 |
|        | -19.8             | -20      | 236.5                     | 104.6 | 236.5 | 105.4 | 235.1 | 106.1 | 235.1 | 107.3 | 235.1 | 108.2 | 230.4 | 108.6 |
|        | -18.8             | -19      | 241.7                     | 104.9 | 241.7 | 105.7 | 240.2 | 106.5 | 240.2 | 107.7 | 240.2 | 108.5 | 235.7 | 107.2 |
|        | -16.7             | -17      | 252.8                     | 105.7 | 252.8 | 106.5 | 251.1 | 107.2 | 251.1 | 108.4 | 251.1 | 105.7 | 246.3 | 104.2 |
|        | -15               | -15.9    | 260.5                     | 106.2 | 260.5 | 107.0 | 258.9 | 107.8 | 258.9 | 106.3 | 258.9 | 103.7 | 256.4 | 102.1 |
|        | -13.7             | -15      | 268.2                     | 106.7 | 268.2 | 107.5 | 266.7 | 108.3 | 266.7 | 104.2 | 266.7 | 101.6 | 266.7 | 100.1 |
|        | -11.8             | -13      | 276.9                     | 107.4 | 276.9 | 108.2 | 275.4 | 105.3 | 275.4 | 101.4 | 275.4 | 99.03 | 270.4 | 95.64 |
|        | -9.8              | -11      | 286.2                     | 108.1 | 286.2 | 104.8 | 284.6 | 102.1 | 284.6 | 98.56 | 284.6 | 96.35 | 270.4 | 90.44 |
|        | -9.5              | -10      | 287.8                     | 107.6 | 287.8 | 104.3 | 286.2 | 101.6 | 286.2 | 98.14 | 286.2 | 95.94 | 270.4 | 89.42 |
|        | -8.5              | -9.1     | 293.4                     | 105.8 | 293.4 | 102.6 | 291.8 | 100.1 | 291.8 | 96.72 | 289.6 | 93.85 | 270.4 | 88.10 |
|        | -7                | -7.6     | 301.9                     | 103.0 | 301.9 | 100.1 | 300.1 | 97.68 | 299.7 | 94.50 | 289.6 | 89.35 | 270.4 | 86.15 |
|        | -5                | -5.6     | 312.9                     | 99.49 | 312.9 | 96.77 | 309.9 | 94.32 | 299.7 | 88.56 | 289.6 | 85.35 | 270.4 | 83.58 |
|        | -3                | -3.7     | 324.1                     | 95.93 | 324.1 | 93.49 | 309.9 | 88.07 | 299.7 | 84.47 | 289.6 | 82.84 | 270.4 | 81.02 |
|        | 0                 | -0.7     | 340.5                     | 90.60 | 330.3 | 85.87 | 309.9 | 82.47 | 299.7 | 80.54 | 289.6 | 79.13 | 270.4 | 77.19 |
|        | 3                 | 2.2      | 349.5                     | 83.44 | 330.3 | 79.31 | 309.9 | 78.07 | 299.7 | 76.61 | 289.6 | 75.40 | 270.4 | 73.34 |
|        | 5                 | 4.1      | 330.8                     | 71.31 | 311.5 | 69.81 | 290.9 | 68.59 | 280.6 | 67.34 | 270.4 | 66.21 | 250.9 | 63.95 |
|        | 7                 | 6        | 311.6                     | 62.28 | 292.0 | 60.90 | 271.3 | 59.69 | 261.0 | 58.66 | 250.6 | 57.62 | 230.9 | 55.16 |
|        | 9                 | 7.9      | 291.8                     | 54.76 | 271.8 | 53.29 | 251.0 | 51.95 | 240.8 | 50.91 | 230.3 | 49.84 | 210.1 | 47.40 |
|        | 11                | 9.8      | 271.2                     | 48.12 | 251.2 | 46.57 | 230.3 | 45.15 | 219.7 | 44.09 | 209.2 | 43.00 | 188.7 | 40.58 |
|        | 13                | 11.8     | 250.1                     | 41.74 | 229.8 | 40.18 | 208.6 | 38.69 | 198.0 | 37.66 | 187.3 | 36.59 | 166.5 | 34.19 |
|        | 15                | 13.7     | 228.0                     | 35.71 | 207.4 | 34.18 | 186.1 | 32.66 | 175.5 | 31.66 | 164.7 | 30.60 | 143.6 | 28.29 |
| 100    | -30               | -30.2    | 108.9                     | 115.2 | 108.9 | 114.6 | 108.4 | 99.13 | 108.4 | 113.1 | 108.4 | 110.0 | 106.2 | 112.2 |
|        | -24.8             | -25      | 181.7                     | 113.4 | 181.7 | 112.8 | 180.6 | 104.6 | 180.6 | 111.3 | 180.6 | 110.6 | 176.9 | 110.3 |
|        | -21.8             | -22      | 222.2                     | 112.3 | 222.2 | 111.7 | 221.0 | 107.8 | 221.0 | 110.2 | 221.0 | 111.1 | 216.7 | 109.3 |
|        | -19.8             | -20      | 235.5                     | 111.6 | 235.5 | 111.0 | 234.1 | 109.7 | 234.1 | 109.5 | 234.1 | 109.4 | 229.6 | 108.6 |
|        | -18.8             | -19      | 240.6                     | 111.3 | 239.3 | 110.7 | 239.3 | 110.1 | 239.3 | 109.2 | 239.3 | 108.5 | 234.6 | 106.9 |
|        | -16.7             | -17      | 250.1                     | 110.6 | 250.1 | 109.9 | 250.1 | 110.8 | 248.6 | 108.4 | 248.6 | 105.0 | 244.0 | 103.3 |
|        | -15               | -15.9    | 258.6                     | 110.0 | 258.6 | 109.4 | 257.6 | 109.6 | 257.1 | 105.9 | 257.1 | 102.5 | 247.1 | 98.66 |
|        | -13.7             | -15      | 267.0                     | 109.5 | 267.0 | 108.9 | 265.4 | 108.3 | 265.4 | 103.3 | 265.3 | 99.88 | 247.1 | 93.08 |
|        | -11.8             | -13      | 275.6                     | 108.8 | 274.2 | 108.2 | 274.2 | 104.9 | 274.2 | 100.1 | 265.3 | 93.63 | 247.1 | 90.02 |
|        | -9.8              | -11      | 284.8                     | 108.1 | 284.8 | 104.4 | 283.5 | 101.4 | 274.3 | 93.63 | 265.3 | 88.65 | 247.1 | 86.79 |
|        | -9.5              | -10      | 286.2                     | 107.5 | 286.2 | 103.9 | 283.5 | 100.3 | 274.3 | 92.63 | 265.3 | 88.17 | 247.1 | 86.29 |
|        | -8.5              | -9.1     | 291.9                     | 105.6 | 291.9 | 102.0 | 283.5 | 96.56 | 274.3 | 89.70 | 265.3 | 86.58 | 247.1 | 84.67 |
|        | -7                | -7.6     | 305.3                     | 102.6 | 301.5 | 98.38 | 283.5 | 91.40 | 274.3 | 87.30 | 265.3 | 84.21 | 247.1 | 82.26 |
|        | -5                | -5.6     | 318.5                     | 98.75 | 301.5 | 91.30 | 283.5 | 88.13 | 274.3 | 84.15 | 265.3 | 81.13 | 247.1 | 79.10 |
|        | -3                | -3.7     | 319.7                     | 92.64 | 301.5 | 87.06 | 283.5 | 84.84 | 274.3 | 81.02 | 265.3 | 78.03 | 247.1 | 75.94 |
|        | 0                 | -0.7     | 319.7                     | 84.57 | 301.5 | 81.80 | 283.5 | 79.88 | 274.3 | 76.33 | 265.3 | 73.37 | 247.1 | 71.21 |
|        | 3                 | 2.2      | 319.7                     | 79.09 | 301.5 | 76.55 | 283.5 | 74.94 | 274.3 | 71.63 | 265.3 | 68.75 | 247.1 | 66.46 |
|        | 5                 | 4.1      | 302.7                     | 69.47 | 284.3 | 67.02 | 266.2 | 65.44 | 256.7 | 62.48 | 247.7 | 59.70 | 229.4 | 57.26 |
|        | 7                 | 6        | 285.1                     | 60.45 | 266.6 | 58.12 | 248.3 | 56.63 | 238.7 | 53.92 | 229.7 | 51.34 | 211.1 | 48.80 |
|        | 9                 | 7.9      | 266.8                     | 52.98 | 248.3 | 50.72 | 229.7 | 49.16 | 220.3 | 46.68 | 210.9 | 44.30 | 192.0 | 41.83 |
|        | 11                | 9.8      | 248.1                     | 46.41 | 229.2 | 44.20 | 210.7 | 42.61 | 201.1 | 40.32 | 191.7 | 38.14 | 172.5 | 35.74 |
|        | 13                | 11.8     | 228.5                     | 40.18 | 209.7 | 38.05 | 190.8 | 36.44 | 181.2 | 34.37 | 171.6 | 32.38 | 152.2 | 30.06 |
|        | 15                | 13.7     | 208.6                     | 34.28 | 189.4 | 32.29 | 170.2 | 30.70 | 160.6 | 28.84 | 150.9 | 27.06 | 131.3 | 24.86 |
| 90     | -30               | -30.2    | 108.6                     | 99.36 | 108.6 | 100.5 | 107.9 | 101.4 | 107.9 | 101.7 | 107.9 | 102.5 | 105.9 | 113.6 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 181.0                     | 101.2 | 181.0 | 102.4 | 179.9 | 103.2 | 179.9 | 103.6 | 179.9 | 104.4 | 176.5 | 105.6 |
|        | -21.8             | -22      | 221.4                     | 102.2 | 221.4 | 103.4 | 220.2 | 104.3 | 220.2 | 104.7 | 220.2 | 105.5 | 215.9 | 101.0 |
|        | -19.8             | -20      | 234.6                     | 102.9 | 234.6 | 104.2 | 233.1 | 105.0 | 233.1 | 105.4 | 233.1 | 102.3 | 225.8 | 96.76 |
|        | -18.8             | -19      | 240.6                     | 103.3 | 239.3 | 104.5 | 238.1 | 105.3 | 238.1 | 103.8 | 238.1 | 100.8 | 225.8 | 93.21 |
|        | -16.7             | -17      | 250.1                     | 104.1 | 250.1 | 105.3 | 249.0 | 102.0 | 249.0 | 100.4 | 243.4 | 95.27 | 225.8 | 88.44 |
|        | -15               | -15.9    | 258.6                     | 104.6 | 258.6 | 102.8 | 256.7 | 99.66 | 251.3 | 95.93 | 243.4 | 91.61 | 225.8 | 86.26 |
|        | -13.7             | -15      | 267.0                     | 105.1 | 267.0 | 100.3 | 259.4 | 95.39 | 251.3 | 90.86 | 243.4 | 88.06 | 225.8 | 84.12 |
|        | -11.8             | -13      | 275.6                     | 101.8 | 274.2 | 97.23 | 259.4 | 89.53 | 251.3 | 87.82 | 243.4 | 85.28 | 225.8 | 81.35 |
|        | -9.8              | -11      | 284.8                     | 98.26 | 275.4 | 90.88 | 259.4 | 86.48 | 251.3 | 84.78 | 243.4 | 82.33 | 225.8 | 78.48 |
|        | -9.5              | -10      | 286.2                     | 97.71 | 275.4 | 89.94 | 259.4 | 86.04 | 251.3 | 84.32 | 243.4 | 81.87 | 225.8 | 78.04 |
|        | -8.5              | -9.1     | 291.9                     | 95.96 | 275.4 | 87.25 | 259.4 | 84.54 | 251.3 | 82.82 | 243.4 | 80.42 | 225.8 | 76.61 |
|        | -7                | -7.6     | 292.7                     | 89.49 | 275.4 | 84.83 | 259.4 | 82.32 | 251.3 | 80.55 | 243.4 | 78.21 | 225.8 | 74.44 |
|        | -5                | -5.6     | 292.7                     | 85.28 | 275.4 | 81.82 | 259.4 | 79.41 | 251.3 | 77.60 | 243.4 | 75.35 | 225.8 | 71.66 |
|        | -3                | -3.7     | 292.7                     | 82.02 | 275.4 | 78.80 | 259.4 | 76.52 | 251.3 | 74.64 | 243.4 | 72.45 | 225.8 | 68.84 |
|        | 0                 | -0.7     | 292.7                     | 77.15 | 275.4 | 74.26 | 259.4 | 72.16 | 251.3 | 70.21 | 243.4 | 68.14 | 225.8 | 64.64 |
|        | 3                 | 2.2      | 292.7                     | 72.25 | 275.4 | 69.74 | 259.4 | 67.80 | 251.3 | 65.80 | 243.4 | 63.84 | 225.8 | 60.39 |
|        | 5                 | 4.1      | 277.0                     | 63.59 | 259.7 | 61.29 | 243.6 | 59.38 | 235.2 | 57.37 | 227.3 | 55.52 | 209.6 | 52.18 |
|        | 7                 | 6        | 260.8                     | 55.50 | 243.5 | 53.41 | 227.1 | 51.53 | 218.8 | 49.56 | 210.7 | 47.87 | 192.8 | 44.62 |
|        | 9                 | 7.9      | 244.3                     | 48.12 | 226.7 | 46.11 | 210.3 | 44.30 | 201.8 | 42.48 | 193.5 | 40.89 | 175.5 | 37.89 |
|        | 11                | 9.8      | 227.1                     | 41.32 | 209.4 | 39.41 | 192.7 | 37.64 | 184.2 | 35.99 | 175.9 | 34.53 | 157.5 | 31.76 |
|        | 13                | 11.8     | 209.4                     | 35.07 | 191.7 | 33.27 | 174.7 | 31.61 | 165.8 | 30.11 | 157.5 | 28.78 | 139.1 | 26.26 |
|        | 15                | 13.7     | 191.0                     | 29.38 | 172.9 | 27.72 | 155.9 | 26.13 | 147.0 | 24.83 | 138.4 | 23.62 | 120.0 | 21.36 |
| 80     | -30               | -30.2    | 108.1                     | 87.42 | 108.1 | 88.70 | 107.4 | 89.58 | 107.4 | 88.53 | 107.4 | 100.9 | 105.4 | 96.69 |
|        | -24.8             | -25      | 180.3                     | 89.35 | 180.3 | 90.57 | 179.1 | 91.42 | 179.1 | 91.82 | 179.1 | 93.81 | 175.7 | 89.88 |
|        | -21.8             | -22      | 219.2                     | 90.46 | 219.2 | 91.64 | 219.2 | 92.49 | 219.2 | 93.69 | 217.0 | 88.88 | 201.8 | 81.57 |
|        | -19.8             | -20      | 232.1                     | 91.17 | 232.1 | 92.37 | 231.7 | 93.46 | 225.0 | 88.07 | 217.0 | 82.59 | 201.8 | 79.07 |
|        | -18.8             | -19      | 237.2                     | 91.54 | 237.2 | 93.58 | 231.9 | 90.11 | 225.0 | 84.91 | 217.0 | 81.31 | 201.8 | 77.88 |
|        | -16.7             | -17      | 244.6                     | 93.49 | 244.6 | 90.57 | 231.9 | 84.58 | 225.0 | 82.00 | 217.0 | 78.64 | 201.8 | 75.31 |
|        | -15               | -15.9    | 250.2                     | 91.27 | 247.1 | 88.28 | 231.9 | 82.52 | 225.0 | 79.97 | 217.0 | 76.71 | 201.8 | 73.45 |
|        | -13.7             | -15      | 255.7                     | 89.06 | 247.1 | 85.10 | 231.9 | 80.49 | 225.0 | 77.95 | 217.0 | 74.81 | 201.8 | 71.61 |
|        | -11.8             | -13      | 262.0                     | 86.25 | 247.1 | 81.23 | 231.9 | 77.90 | 225.0 | 75.42 | 217.0 | 72.40 | 201.8 | 69.29 |
|        | -9.8              | -11      | 262.2                     | 81.21 | 247.1 | 77.39 | 231.9 | 75.19 | 225.0 | 72.72 | 217.0 | 69.84 | 201.8 | 66.84 |
|        | -9.5              | -10      | 262.2                     | 80.19 | 247.1 | 76.52 | 231.9 | 74.78 | 225.0 | 72.32 | 217.0 | 69.46 | 201.8 | 66.49 |
|        | -8.5              | -9.1     | 262.2                     | 78.01 | 247.1 | 74.86 | 231.9 | 73.42 | 225.0 | 70.99 | 217.0 | 68.23 | 201.8 | 65.29 |
|        | -7                | -7.6     | 262.2                     | 75.15 | 247.1 | 72.82 | 231.9 | 71.40 | 225.0 | 68.97 | 217.0 | 66.33 | 201.8 | 63.44 |
|        | -5                | -5.6     | 262.2                     | 72.42 | 247.1 | 70.23 | 231.9 | 68.73 | 225.0 | 66.37 | 217.0 | 63.83 | 201.8 | 61.06 |
|        | -3                | -3.7     | 262.2                     | 69.70 | 247.1 | 67.58 | 231.9 | 66.08 | 225.0 | 63.75 | 217.0 | 61.36 | 201.8 | 58.67 |
|        | 0                 | -0.7     | 262.2                     | 65.60 | 247.1 | 63.66 | 231.9 | 62.13 | 225.0 | 59.82 | 217.0 | 57.64 | 201.8 | 55.11 |
|        | 3                 | 2.2      | 262.2                     | 61.52 | 247.1 | 59.70 | 231.9 | 58.13 | 225.0 | 55.87 | 217.0 | 53.94 | 201.8 | 51.53 |
|        | 5                 | 4.1      | 248.3                     | 54.28 | 233.0 | 52.51 | 217.6 | 50.87 | 210.7 | 48.71 | 202.7 | 46.95 | 187.3 | 44.62 |
|        | 7                 | 6        | 233.7                     | 47.49 | 218.5 | 45.78 | 203.0 | 44.08 | 195.8 | 42.08 | 187.8 | 40.49 | 172.2 | 38.26 |
|        | 9                 | 7.9      | 218.8                     | 40.66 | 203.5 | 39.06 | 187.9 | 37.41 | 180.7 | 35.61 | 172.4 | 34.19 | 156.8 | 32.11 |
|        | 11                | 9.8      | 203.3                     | 34.14 | 187.9 | 32.65 | 172.2 | 31.15 | 164.9 | 29.55 | 156.7 | 28.28 | 140.9 | 26.38 |
|        | 13                | 11.8     | 187.5                     | 28.62 | 171.8 | 27.22 | 156.1 | 25.84 | 148.5 | 24.44 | 140.3 | 23.30 | 124.3 | 21.57 |
|        | 15                | 13.7     | 171.0                     | 23.96 | 155.2 | 22.67 | 139.3 | 21.37 | 131.7 | 20.16 | 123.3 | 19.15 | 107.2 | 17.57 |
| 70     | -30               | -30.2    | 108.1                     | 87.45 | 108.1 | 87.85 | 107.4 | 88.67 | 107.4 | 99.46 | 107.4 | 94.70 | 105.4 | 90.36 |
|        | -24.8             | -25      | 180.3                     | 89.36 | 180.3 | 89.76 | 179.1 | 90.57 | 179.1 | 91.78 | 179.1 | 87.48 | 172.8 | 82.09 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 209.5                     | 90.46 | 209.5 | 90.86 | 197.6 | 86.97 | 190.8 | 82.88 | 185.0 | 79.03 | 172.8 | 75.35 |
|        | -19.8             | -20      | 222.4                     | 88.53 | 209.8 | 86.88 | 197.6 | 84.01 | 190.8 | 80.09 | 185.0 | 76.44 | 172.8 | 72.81 |
|        | -18.8             | -19      | 222.4                     | 86.86 | 209.8 | 85.40 | 197.6 | 82.56 | 190.8 | 78.68 | 185.0 | 75.11 | 172.8 | 71.55 |
|        | -16.7             | -17      | 222.4                     | 83.71 | 209.8 | 82.19 | 197.6 | 79.49 | 190.8 | 75.74 | 185.0 | 72.39 | 172.8 | 68.88 |
|        | -15               | -15.9    | 222.4                     | 81.47 | 209.8 | 79.93 | 197.6 | 77.28 | 190.8 | 73.66 | 185.0 | 70.43 | 172.8 | 66.99 |
|        | -13.7             | -15      | 222.4                     | 79.23 | 209.8 | 77.66 | 197.6 | 75.09 | 190.8 | 71.59 | 185.0 | 68.46 | 172.8 | 65.10 |
|        | -11.8             | -13      | 222.4                     | 76.39 | 209.8 | 74.81 | 197.6 | 72.33 | 190.8 | 68.93 | 185.0 | 65.99 | 172.8 | 62.73 |
|        | -9.8              | -11      | 222.4                     | 73.43 | 209.8 | 71.77 | 197.6 | 69.42 | 190.8 | 66.18 | 185.0 | 63.42 | 172.8 | 60.21 |
|        | -9.5              | -10      | 222.4                     | 72.98 | 209.8 | 71.31 | 197.6 | 68.97 | 190.8 | 65.75 | 185.0 | 63.03 | 172.8 | 59.84 |
|        | -8.5              | -9.1     | 222.4                     | 71.51 | 209.8 | 69.83 | 197.6 | 67.52 | 190.8 | 64.35 | 185.0 | 61.70 | 172.8 | 58.58 |
|        | -7                | -7.6     | 222.4                     | 69.26 | 209.8 | 67.58 | 197.6 | 65.36 | 190.8 | 62.30 | 185.0 | 59.77 | 172.8 | 56.69 |
|        | -5                | -5.6     | 222.4                     | 66.36 | 209.8 | 64.63 | 197.6 | 62.47 | 190.8 | 59.59 | 185.0 | 57.24 | 172.8 | 54.25 |
|        | -3                | -3.7     | 222.4                     | 63.46 | 209.8 | 61.68 | 197.6 | 59.63 | 190.8 | 56.88 | 185.0 | 54.69 | 172.8 | 51.79 |
|        | 0                 | -0.7     | 222.4                     | 59.09 | 209.8 | 57.26 | 197.6 | 55.36 | 190.8 | 52.81 | 185.0 | 50.90 | 172.8 | 48.11 |
|        | 3                 | 2.2      | 222.4                     | 54.73 | 209.8 | 52.85 | 197.6 | 51.08 | 190.8 | 48.75 | 185.0 | 47.10 | 172.8 | 44.42 |
|        | 5                 | 4.1      | 210.5                     | 47.91 | 197.8 | 45.98 | 185.5 | 44.30 | 178.7 | 42.21 | 172.7 | 40.75 | 160.4 | 38.20 |
|        | 7                 | 6        | 198.3                     | 41.58 | 185.5 | 39.66 | 172.9 | 38.03 | 166.1 | 36.16 | 160.2 | 34.93 | 147.6 | 32.49 |
|        | 9                 | 7.9      | 185.6                     | 34.33 | 172.6 | 32.61 | 160.1 | 31.13 | 153.2 | 29.55 | 147.1 | 28.46 | 134.2 | 26.31 |
|        | 11                | 9.8      | 172.5                     | 29.01 | 159.5 | 27.44 | 146.7 | 26.10 | 139.9 | 24.69 | 133.6 | 23.70 | 120.7 | 21.79 |
|        | 13                | 11.8     | 159.0                     | 24.44 | 146.0 | 23.02 | 133.0 | 21.77 | 126.0 | 20.55 | 119.7 | 19.67 | 106.5 | 17.97 |
|        | 15                | 13.7     | 145.1                     | 20.58 | 131.7 | 19.30 | 118.8 | 18.17 | 111.7 | 17.07 | 105.2 | 16.29 | 91.80 | 14.77 |
| 60     | -30               | -30.2    | 107.3                     | 86.65 | 107.3 | 87.46 | 106.6 | 98.91 | 103.5 | 93.69 | 99.80 | 88.90 | 93.60 | 84.51 |
|        | -24.8             | -25      | 178.8                     | 88.57 | 178.8 | 89.37 | 169.4 | 86.39 | 163.6 | 81.53 | 157.9 | 77.39 | 148.0 | 73.49 |
|        | -21.8             | -22      | 190.8                     | 89.02 | 180.4 | 85.84 | 169.4 | 81.41 | 163.6 | 77.29 | 157.9 | 73.39 | 148.0 | 69.62 |
|        | -19.8             | -20      | 190.8                     | 85.76 | 180.4 | 82.65 | 169.4 | 78.40 | 163.6 | 74.45 | 157.9 | 70.73 | 148.0 | 67.06 |
|        | -18.8             | -19      | 190.8                     | 84.16 | 180.4 | 81.06 | 169.4 | 76.92 | 163.6 | 73.05 | 157.9 | 69.40 | 148.0 | 65.77 |
|        | -16.7             | -17      | 190.8                     | 80.79 | 180.4 | 77.72 | 169.4 | 73.75 | 163.6 | 70.09 | 157.9 | 66.63 | 148.0 | 63.08 |
|        | -15               | -15.9    | 190.8                     | 78.38 | 180.4 | 75.34 | 169.4 | 71.50 | 163.6 | 67.98 | 157.9 | 64.63 | 148.0 | 61.18 |
|        | -13.7             | -15      | 190.8                     | 75.99 | 180.4 | 72.99 | 169.4 | 69.28 | 163.6 | 65.88 | 157.9 | 62.67 | 148.0 | 59.27 |
|        | -11.8             | -13      | 190.8                     | 72.96 | 180.4 | 69.96 | 169.4 | 66.42 | 163.6 | 63.20 | 157.9 | 60.17 | 148.0 | 56.83 |
|        | -9.8              | -11      | 190.8                     | 69.78 | 180.4 | 66.80 | 169.4 | 63.45 | 163.6 | 60.42 | 157.9 | 57.52 | 148.0 | 54.30 |
|        | -9.5              | -10      | 190.8                     | 69.30 | 180.4 | 66.33 | 169.4 | 63.01 | 163.6 | 59.99 | 157.9 | 57.12 | 148.0 | 53.91 |
|        | -8.5              | -9.1     | 190.8                     | 67.72 | 180.4 | 64.75 | 169.4 | 61.53 | 163.6 | 58.60 | 157.9 | 55.81 | 148.0 | 52.63 |
|        | -7                | -7.6     | 190.8                     | 65.34 | 180.4 | 62.41 | 169.4 | 59.29 | 163.6 | 56.51 | 157.9 | 53.86 | 148.0 | 50.72 |
|        | -5                | -5.6     | 190.8                     | 62.19 | 180.4 | 59.29 | 169.4 | 56.37 | 163.6 | 53.78 | 157.9 | 51.27 | 148.0 | 48.25 |
|        | -3                | -3.7     | 190.8                     | 59.10 | 180.4 | 56.20 | 169.4 | 53.43 | 163.6 | 51.03 | 157.9 | 48.68 | 148.0 | 45.74 |
|        | 0                 | -0.7     | 190.8                     | 54.39 | 180.4 | 51.56 | 169.4 | 49.07 | 163.6 | 46.90 | 157.9 | 44.80 | 148.0 | 42.01 |
|        | 3                 | 2.2      | 190.8                     | 49.70 | 180.4 | 46.90 | 169.4 | 44.67 | 163.6 | 42.80 | 157.9 | 40.95 | 148.0 | 38.25 |
|        | 5                 | 4.1      | 180.6                     | 43.17 | 170.2 | 40.47 | 159.0 | 38.44 | 153.2 | 36.82 | 147.4 | 35.17 | 137.4 | 32.65 |
|        | 7                 | 6        | 170.1                     | 37.11 | 159.5 | 34.55 | 148.3 | 32.72 | 142.5 | 31.31 | 136.6 | 29.91 | 126.3 | 27.56 |
|        | 9                 | 7.9      | 159.3                     | 30.38 | 148.5 | 28.16 | 137.2 | 26.55 | 131.3 | 25.36 | 125.6 | 24.18 | 115.1 | 22.14 |
|        | 11                | 9.8      | 148.1                     | 25.80 | 137.2 | 23.86 | 125.9 | 22.41 | 120.0 | 21.35 | 114.0 | 20.31 | 103.4 | 18.48 |
|        | 13                | 11.8     | 136.4                     | 21.89 | 125.6 | 20.14 | 114.0 | 18.85 | 108.0 | 17.91 | 102.1 | 16.99 | 91.10 | 15.39 |
|        | 15                | 13.7     | 124.5                     | 18.58 | 113.3 | 17.04 | 101.7 | 15.84 | 95.70 | 15.03 | 89.70 | 14.21 | 78.70 | 12.80 |
| 50     | -30               | -30.2    | 100.6                     | 75.15 | 94.90 | 85.57 | 89.20 | 81.01 | 86.30 | 76.82 | 83.50 | 72.74 | 77.70 | 69.16 |
|        | -24.8             | -25      | 159.1                     | 73.13 | 150.1 | 74.27 | 141.1 | 70.39 | 136.6 | 66.76 | 132.0 | 63.34 | 122.8 | 60.13 |
|        | -21.8             | -22      | 159.1                     | 74.19 | 150.1 | 70.32 | 141.1 | 66.68 | 136.6 | 63.25 | 132.0 | 60.05 | 122.8 | 56.97 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 159.1                     | 71.43 | 150.1 | 67.66 | 141.1 | 64.20 | 136.6 | 60.89 | 132.0 | 57.86 | 122.8 | 54.85 |
|        | -18.8             | -19      | 159.1                     | 70.04 | 150.1 | 66.34 | 141.1 | 62.97 | 136.6 | 59.75 | 132.0 | 56.77 | 122.8 | 53.82 |
|        | -16.7             | -17      | 159.1                     | 67.16 | 150.1 | 63.58 | 141.1 | 60.41 | 136.6 | 57.28 | 132.0 | 54.50 | 122.8 | 51.61 |
|        | -15               | -15.9    | 159.1                     | 65.10 | 150.1 | 61.59 | 141.1 | 58.54 | 136.6 | 55.53 | 132.0 | 52.87 | 122.8 | 50.05 |
|        | -13.7             | -15      | 159.1                     | 63.04 | 150.1 | 59.64 | 141.1 | 56.69 | 136.6 | 53.80 | 132.0 | 51.24 | 122.8 | 48.48 |
|        | -11.8             | -13      | 159.1                     | 60.46 | 150.1 | 57.15 | 141.1 | 54.38 | 136.6 | 51.59 | 132.0 | 49.18 | 122.8 | 46.50 |
|        | -9.8              | -11      | 159.1                     | 57.73 | 150.1 | 54.53 | 141.1 | 51.92 | 136.6 | 49.24 | 132.0 | 47.00 | 122.8 | 44.40 |
|        | -9.5              | -10      | 159.1                     | 57.30 | 150.1 | 54.15 | 141.1 | 51.55 | 136.6 | 48.91 | 132.0 | 46.70 | 122.8 | 44.10 |
|        | -8.5              | -9.1     | 159.1                     | 55.94 | 150.1 | 52.84 | 141.1 | 50.33 | 136.6 | 47.75 | 132.0 | 45.61 | 122.8 | 43.05 |
|        | -7                | -7.6     | 159.1                     | 53.90 | 150.1 | 50.88 | 141.1 | 48.50 | 136.6 | 46.04 | 132.0 | 44.00 | 122.8 | 41.50 |
|        | -5                | -5.6     | 159.1                     | 51.20 | 150.1 | 48.31 | 141.1 | 46.11 | 136.6 | 43.76 | 132.0 | 41.88 | 122.8 | 39.45 |
|        | -3                | -3.7     | 159.1                     | 48.54 | 150.1 | 45.74 | 141.1 | 43.69 | 136.6 | 41.47 | 132.0 | 39.76 | 122.8 | 37.43 |
|        | 0                 | -0.7     | 159.1                     | 44.52 | 150.1 | 41.86 | 141.1 | 40.08 | 136.6 | 38.05 | 132.0 | 36.59 | 122.8 | 34.35 |
|        | 3                 | 2.2      | 159.1                     | 40.49 | 150.1 | 38.04 | 141.1 | 36.51 | 136.6 | 34.64 | 132.0 | 33.41 | 122.8 | 31.29 |
|        | 5                 | 4.1      | 150.5                     | 35.13 | 141.5 | 32.84 | 132.5 | 31.47 | 128.0 | 29.83 | 123.4 | 28.79 | 113.8 | 26.79 |
|        | 7                 | 6        | 141.9                     | 30.17 | 132.7 | 28.08 | 123.5 | 26.88 | 119.0 | 25.43 | 114.4 | 24.55 | 104.8 | 22.72 |
|        | 9                 | 7.9      | 132.8                     | 25.08 | 123.5 | 23.27 | 114.4 | 22.20 | 109.6 | 20.96 | 105.0 | 20.18 | 95.40 | 18.57 |
|        | 11                | 9.8      | 123.5                     | 21.47 | 114.1 | 19.85 | 104.7 | 18.86 | 100.2 | 17.79 | 95.30 | 17.09 | 85.70 | 15.66 |
|        | 13                | 11.8     | 113.7                     | 18.35 | 104.3 | 16.90 | 94.90 | 16.01 | 90.20 | 15.06 | 85.50 | 14.43 | 75.50 | 13.17 |
|        | 15                | 13.7     | 103.9                     | 15.69 | 94.30 | 14.42 | 84.80 | 13.62 | 79.90 | 12.77 | 75.10 | 12.22 | 65.30 | 11.07 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM920LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 113.4                     | 102.5 | 113.4 | 103.1 | 112.6 | 103.6 | 112.6 | 104.4 | 112.6 | 105.2 | 110.6 | 106.4 |
|        | -24.8             | -25      | 189.0                     | 104.2 | 189.0 | 104.8 | 187.8 | 105.3 | 187.8 | 106.1 | 187.8 | 106.9 | 184.2 | 108.1 |
|        | -21.8             | -22      | 231.4                     | 105.2 | 231.4 | 105.8 | 230.0 | 106.3 | 230.0 | 107.2 | 230.0 | 107.9 | 225.4 | 109.1 |
|        | -19.8             | -20      | 245.0                     | 105.9 | 245.0 | 106.5 | 243.0 | 107.0 | 243.0 | 107.8 | 243.0 | 108.6 | 238.8 | 109.8 |
|        | -18.8             | -19      | 250.4                     | 106.2 | 250.4 | 106.8 | 248.6 | 107.4 | 248.6 | 108.2 | 248.6 | 108.9 | 244.0 | 110.2 |
|        | -16.7             | -17      | 261.8                     | 106.9 | 261.8 | 107.5 | 259.8 | 108.1 | 259.8 | 108.9 | 259.8 | 109.7 | 255.2 | 110.9 |
|        | -15               | -15.9    | 269.8                     | 107.4 | 269.8 | 108.1 | 268.0 | 108.6 | 268.0 | 109.4 | 268.0 | 110.2 | 262.8 | 108.8 |
|        | -13.7             | -15      | 278.0                     | 108.0 | 278.0 | 108.6 | 276.0 | 109.1 | 276.0 | 109.9 | 276.0 | 110.7 | 270.8 | 106.7 |
|        | -11.8             | -13      | 287.0                     | 108.6 | 287.0 | 109.2 | 285.2 | 109.7 | 285.2 | 110.6 | 285.2 | 107.9 | 281.0 | 104.0 |
|        | -9.8              | -11      | 296.6                     | 109.3 | 296.6 | 109.9 | 294.6 | 110.4 | 294.6 | 107.6 | 294.6 | 104.9 | 291.4 | 101.2 |
|        | -9.5              | -10      | 298.2                     | 109.4 | 298.2 | 110.0 | 296.4 | 110.0 | 296.4 | 107.2 | 296.2 | 104.5 | 293.0 | 100.8 |
|        | -8.5              | -9.1     | 304.0                     | 109.7 | 304.0 | 110.3 | 302.2 | 108.5 | 302.2 | 105.6 | 301.0 | 103.0 | 298.2 | 99.40 |
|        | -7                | -7.6     | 312.6                     | 110.2 | 312.6 | 108.2 | 310.6 | 106.2 | 310.6 | 103.4 | 310.6 | 100.8 | 306.2 | 97.30 |
|        | -5                | -5.6     | 324.0                     | 107.6 | 324.0 | 105.4 | 321.8 | 103.3 | 321.8 | 100.6 | 321.8 | 97.96 | 316.6 | 94.62 |
|        | -3                | -3.7     | 335.6                     | 104.9 | 335.6 | 102.6 | 333.2 | 100.4 | 333.2 | 97.72 | 333.2 | 95.14 | 326.8 | 91.82 |
|        | 0                 | -0.7     | 352.8                     | 100.9 | 352.8 | 98.40 | 350.4 | 96.12 | 350.4 | 93.48 | 350.4 | 90.92 | 327.0 | 83.82 |
|        | 3                 | 2.2      | 370.0                     | 96.92 | 370.0 | 94.16 | 367.6 | 91.78 | 364.2 | 88.38 | 351.2 | 82.82 | 327.0 | 79.64 |
|        | 5                 | 4.1      | 372.0                     | 91.68 | 353.0 | 82.06 | 350.2 | 79.68 | 341.2 | 75.36 | 327.8 | 72.04 | 303.6 | 69.44 |
|        | 7                 | 6        | 335.6                     | 73.58 | 331.0 | 70.06 | 326.8 | 67.62 | 317.0 | 64.76 | 304.0 | 62.50 | 279.2 | 59.86 |
|        | 9                 | 7.9      | 312.6                     | 64.06 | 308.4 | 61.20 | 302.4 | 58.56 | 292.4 | 56.40 | 279.2 | 54.26 | 254.2 | 51.60 |
|        | 11                | 9.8      | 290.4                     | 56.52 | 284.6 | 53.72 | 277.2 | 51.10 | 266.8 | 49.02 | 253.8 | 46.98 | 228.2 | 44.28 |
|        | 13                | 11.8     | 267.8                     | 49.30 | 260.4 | 46.56 | 251.2 | 43.98 | 240.4 | 42.02 | 227.0 | 40.10 | 201.6 | 37.42 |
|        | 15                | 13.7     | 244.0                     | 42.38 | 235.2 | 39.78 | 224.0 | 37.24 | 213.2 | 35.44 | 199.8 | 33.64 | 173.6 | 31.02 |
| 120    | -30               | -30.2    | 112.6                     | 103.1 | 112.6 | 103.6 | 112.0 | 104.4 | 112.0 | 105.2 | 112.0 | 106.4 | 109.8 | 107.2 |
|        | -24.8             | -25      | 187.6                     | 104.8 | 187.6 | 105.3 | 186.6 | 106.1 | 186.6 | 106.9 | 186.6 | 108.1 | 183.0 | 109.0 |
|        | -21.8             | -22      | 229.8                     | 105.8 | 229.8 | 106.3 | 228.4 | 107.2 | 228.4 | 107.9 | 228.4 | 109.1 | 224.0 | 110.0 |
|        | -19.8             | -20      | 243.0                     | 106.5 | 243.0 | 107.0 | 241.4 | 107.8 | 241.4 | 108.6 | 241.4 | 109.8 | 237.0 | 110.7 |
|        | -18.8             | -19      | 248.4                     | 106.8 | 248.4 | 107.4 | 246.8 | 108.2 | 246.8 | 108.9 | 246.8 | 110.2 | 242.2 | 111.0 |
|        | -16.7             | -17      | 259.6                     | 107.5 | 259.6 | 108.1 | 258.0 | 108.9 | 258.0 | 109.7 | 258.0 | 110.9 | 253.2 | 108.3 |
|        | -15               | -15.9    | 267.8                     | 108.1 | 267.8 | 108.6 | 266.0 | 109.4 | 266.0 | 110.2 | 266.0 | 108.8 | 261.0 | 106.3 |
|        | -13.7             | -15      | 275.8                     | 108.6 | 275.8 | 109.1 | 274.2 | 109.9 | 274.2 | 110.7 | 274.2 | 106.9 | 268.8 | 104.4 |
|        | -11.8             | -13      | 284.8                     | 109.2 | 284.8 | 109.7 | 283.0 | 110.6 | 283.0 | 107.9 | 283.0 | 104.3 | 279.0 | 102.0 |
|        | -9.8              | -11      | 294.4                     | 109.9 | 294.4 | 110.4 | 292.6 | 107.5 | 292.6 | 104.9 | 292.6 | 101.6 | 289.6 | 99.38 |
|        | -9.5              | -10      | 296.2                     | 110.0 | 296.2 | 109.9 | 294.4 | 107.0 | 294.4 | 104.4 | 294.4 | 101.2 | 291.0 | 98.98 |
|        | -8.5              | -9.1     | 302.0                     | 110.3 | 302.0 | 108.3 | 299.6 | 105.5 | 299.6 | 103.0 | 299.6 | 99.88 | 296.2 | 97.70 |
|        | -7                | -7.6     | 310.4                     | 107.9 | 310.4 | 105.9 | 308.4 | 103.1 | 308.4 | 100.7 | 308.4 | 97.88 | 304.0 | 95.78 |
|        | -5                | -5.6     | 321.8                     | 104.8 | 321.8 | 102.7 | 319.8 | 100.2 | 319.8 | 97.86 | 319.8 | 95.32 | 307.2 | 91.18 |
|        | -3                | -3.7     | 333.0                     | 101.8 | 333.0 | 99.64 | 331.0 | 97.18 | 331.0 | 95.02 | 330.6 | 92.70 | 307.2 | 86.16 |
|        | 0                 | -0.7     | 350.2                     | 97.14 | 350.2 | 94.94 | 347.8 | 92.74 | 341.2 | 89.02 | 330.6 | 84.54 | 307.2 | 82.68 |
|        | 3                 | 2.2      | 367.2                     | 92.52 | 367.2 | 90.26 | 353.0 | 85.38 | 341.2 | 82.02 | 330.6 | 80.72 | 307.2 | 79.18 |
|        | 5                 | 4.1      | 351.6                     | 80.60 | 346.6 | 77.40 | 331.4 | 73.74 | 319.4 | 72.10 | 308.8 | 71.02 | 285.0 | 69.32 |
|        | 7                 | 6        | 331.2                     | 68.84 | 325.0 | 66.22 | 309.0 | 64.34 | 297.0 | 62.76 | 286.2 | 61.88 | 262.4 | 60.02 |
|        | 9                 | 7.9      | 310.0                     | 60.46 | 302.8 | 58.10 | 286.0 | 56.14 | 274.0 | 54.64 | 262.8 | 53.68 | 238.8 | 51.70 |
|        | 11                | 9.8      | 288.2                     | 53.28 | 279.4 | 50.92 | 262.2 | 48.92 | 250.0 | 47.46 | 238.8 | 46.42 | 214.4 | 44.34 |
|        | 13                | 11.8     | 265.6                     | 46.40 | 255.6 | 44.10 | 237.6 | 42.08 | 225.4 | 40.66 | 214.0 | 39.62 | 189.2 | 37.48 |
|        | 15                | 13.7     | 242.2                     | 39.86 | 230.8 | 37.62 | 212.2 | 35.64 | 199.8 | 34.28 | 188.0 | 33.22 | 163.0 | 31.10 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 112.2                     | 103.6 | 112.2 | 104.4 | 111.4 | 105.2 | 111.4 | 106.4 | 111.4 | 107.2 | 109.2 | 107.7 |
|        | -24.8             | -25      | 186.8                     | 105.3 | 186.8 | 106.1 | 185.4 | 106.9 | 185.4 | 108.1 | 185.4 | 109.0 | 181.8 | 109.4 |
|        | -21.8             | -22      | 228.6                     | 106.3 | 228.6 | 107.2 | 226.8 | 107.9 | 226.8 | 109.1 | 226.8 | 110.0 | 222.8 | 110.4 |
|        | -19.8             | -20      | 241.8                     | 107.0 | 241.8 | 107.8 | 240.4 | 108.6 | 240.4 | 109.8 | 240.4 | 110.7 | 235.6 | 111.1 |
|        | -18.8             | -19      | 247.2                     | 107.4 | 247.2 | 108.2 | 245.6 | 108.9 | 245.6 | 110.2 | 245.6 | 111.0 | 241.0 | 109.6 |
|        | -16.7             | -17      | 258.4                     | 108.1 | 258.4 | 108.9 | 256.8 | 109.7 | 256.8 | 110.9 | 256.8 | 108.1 | 251.8 | 106.6 |
|        | -15               | -15.9    | 266.4                     | 108.6 | 266.4 | 109.4 | 264.8 | 110.2 | 264.8 | 108.6 | 264.8 | 106.0 | 262.2 | 104.4 |
|        | -13.7             | -15      | 274.2                     | 109.1 | 274.2 | 109.9 | 272.8 | 110.7 | 272.8 | 106.5 | 272.8 | 103.9 | 272.8 | 102.3 |
|        | -11.8             | -13      | 283.2                     | 109.7 | 283.2 | 110.6 | 281.6 | 107.6 | 281.6 | 103.6 | 281.6 | 101.2 | 276.4 | 97.70 |
|        | -9.8              | -11      | 292.6                     | 110.4 | 292.6 | 107.1 | 291.0 | 104.3 | 291.0 | 100.7 | 291.0 | 98.40 | 276.4 | 92.36 |
|        | -9.5              | -10      | 294.4                     | 109.9 | 294.4 | 106.5 | 292.6 | 103.8 | 292.6 | 100.2 | 292.6 | 97.98 | 276.4 | 91.30 |
|        | -8.5              | -9.1     | 300.0                     | 108.0 | 300.0 | 104.8 | 298.4 | 102.2 | 298.4 | 98.76 | 296.0 | 95.78 | 276.4 | 89.94 |
|        | -7                | -7.6     | 308.6                     | 105.2 | 308.6 | 102.2 | 306.8 | 99.72 | 306.4 | 96.46 | 296.0 | 91.18 | 276.4 | 87.92 |
|        | -5                | -5.6     | 320.0                     | 101.6 | 320.0 | 98.78 | 316.8 | 96.28 | 306.4 | 90.40 | 296.0 | 87.10 | 276.4 | 85.30 |
|        | -3                | -3.7     | 331.4                     | 97.92 | 331.4 | 95.44 | 316.8 | 89.88 | 306.4 | 86.20 | 296.0 | 84.54 | 276.4 | 82.68 |
|        | 0                 | -0.7     | 348.2                     | 92.48 | 337.6 | 87.62 | 316.8 | 84.16 | 306.4 | 82.20 | 296.0 | 80.76 | 276.4 | 78.78 |
|        | 3                 | 2.2      | 357.2                     | 85.12 | 337.6 | 80.94 | 316.8 | 79.68 | 306.4 | 78.18 | 296.0 | 76.94 | 276.4 | 74.84 |
|        | 5                 | 4.1      | 338.0                     | 72.76 | 318.4 | 71.22 | 297.4 | 69.96 | 286.8 | 68.70 | 276.4 | 67.54 | 256.4 | 65.24 |
|        | 7                 | 6        | 318.4                     | 63.52 | 298.4 | 62.12 | 277.4 | 60.88 | 266.8 | 59.84 | 256.2 | 58.78 | 236.0 | 56.26 |
|        | 9                 | 7.9      | 298.2                     | 55.84 | 277.8 | 54.34 | 256.6 | 52.98 | 246.2 | 51.92 | 235.4 | 50.82 | 214.8 | 48.36 |
|        | 11                | 9.8      | 277.2                     | 49.06 | 256.8 | 47.48 | 235.4 | 46.04 | 224.6 | 44.98 | 213.8 | 43.86 | 192.8 | 41.40 |
|        | 13                | 11.8     | 255.6                     | 42.56 | 234.8 | 40.98 | 213.2 | 39.46 | 202.4 | 38.42 | 191.4 | 37.34 | 170.2 | 34.90 |
|        | 15                | 13.7     | 233.0                     | 36.42 | 212.0 | 34.88 | 190.2 | 33.34 | 179.4 | 32.32 | 168.4 | 31.26 | 146.8 | 28.92 |
| 100    | -30               | -30.2    | 111.4                     | 118.1 | 111.4 | 117.5 | 110.8 | 101.6 | 110.8 | 116.0 | 110.8 | 112.7 | 108.6 | 115.0 |
|        | -24.8             | -25      | 185.8                     | 116.1 | 185.8 | 115.5 | 184.6 | 107.2 | 184.6 | 114.0 | 184.6 | 113.3 | 181.0 | 113.0 |
|        | -21.8             | -22      | 227.2                     | 115.0 | 227.2 | 114.4 | 226.0 | 110.4 | 226.0 | 112.8 | 226.0 | 113.7 | 221.6 | 111.9 |
|        | -19.8             | -20      | 240.8                     | 114.2 | 240.8 | 113.6 | 239.4 | 112.3 | 239.4 | 112.1 | 239.4 | 111.9 | 234.8 | 111.1 |
|        | -18.8             | -19      | 246.0                     | 113.9 | 244.6 | 113.2 | 244.6 | 112.6 | 244.6 | 111.7 | 244.6 | 111.0 | 239.8 | 109.3 |
|        | -16.7             | -17      | 255.8                     | 113.1 | 255.8 | 112.4 | 255.8 | 113.3 | 254.2 | 110.9 | 254.2 | 107.4 | 249.4 | 105.6 |
|        | -15               | -15.9    | 264.4                     | 112.5 | 264.4 | 111.8 | 263.4 | 112.0 | 262.8 | 108.2 | 262.8 | 104.8 | 252.6 | 100.8 |
|        | -13.7             | -15      | 273.0                     | 111.9 | 273.0 | 111.3 | 271.4 | 110.7 | 271.4 | 105.6 | 271.2 | 102.1 | 252.6 | 95.10 |
|        | -11.8             | -13      | 281.8                     | 111.2 | 280.4 | 110.6 | 280.4 | 107.2 | 280.4 | 102.3 | 271.2 | 95.64 | 252.6 | 91.96 |
|        | -9.8              | -11      | 291.2                     | 110.4 | 291.2 | 106.7 | 289.8 | 103.5 | 280.4 | 95.62 | 271.2 | 90.52 | 252.6 | 88.62 |
|        | -9.5              | -10      | 292.6                     | 109.8 | 292.6 | 106.1 | 289.8 | 102.4 | 280.4 | 94.58 | 271.2 | 90.02 | 252.6 | 88.10 |
|        | -8.5              | -9.1     | 298.4                     | 107.8 | 298.4 | 104.1 | 289.8 | 98.58 | 280.4 | 91.58 | 271.2 | 88.38 | 252.6 | 86.44 |
|        | -7                | -7.6     | 312.2                     | 104.8 | 308.2 | 100.4 | 289.8 | 93.28 | 280.4 | 89.10 | 271.2 | 85.94 | 252.6 | 83.96 |
|        | -5                | -5.6     | 325.6                     | 100.8 | 308.2 | 93.16 | 289.8 | 89.94 | 280.4 | 85.88 | 271.2 | 82.80 | 252.6 | 80.72 |
|        | -3                | -3.7     | 326.8                     | 94.54 | 308.2 | 88.84 | 289.8 | 86.58 | 280.4 | 82.68 | 271.2 | 79.64 | 252.6 | 77.50 |
|        | 0                 | -0.7     | 326.8                     | 86.30 | 308.2 | 83.48 | 289.8 | 81.52 | 280.4 | 77.90 | 271.2 | 74.88 | 252.6 | 72.68 |
|        | 3                 | 2.2      | 326.8                     | 80.72 | 308.2 | 78.12 | 289.8 | 76.48 | 280.4 | 73.10 | 271.2 | 70.16 | 252.6 | 67.82 |
|        | 5                 | 4.1      | 309.4                     | 70.88 | 290.6 | 68.38 | 272.2 | 66.76 | 262.4 | 63.74 | 253.2 | 60.90 | 234.6 | 58.42 |
|        | 7                 | 6        | 291.4                     | 61.66 | 272.6 | 59.28 | 253.8 | 57.76 | 244.0 | 55.00 | 234.8 | 52.36 | 215.8 | 49.78 |
|        | 9                 | 7.9      | 272.8                     | 54.04 | 253.8 | 51.72 | 234.8 | 50.14 | 225.2 | 47.62 | 215.6 | 45.18 | 196.2 | 42.68 |
|        | 11                | 9.8      | 253.6                     | 47.32 | 234.2 | 45.08 | 215.4 | 43.46 | 205.6 | 41.14 | 196.0 | 38.92 | 176.4 | 36.48 |
|        | 13                | 11.8     | 233.6                     | 40.98 | 214.4 | 38.82 | 195.0 | 37.18 | 185.2 | 35.08 | 175.4 | 33.06 | 155.6 | 30.70 |
|        | 15                | 13.7     | 213.2                     | 34.98 | 193.6 | 32.96 | 174.0 | 31.36 | 164.2 | 29.46 | 154.2 | 27.66 | 134.2 | 25.42 |
| 90     | -30               | -30.2    | 111.0                     | 101.9 | 111.0 | 103.0 | 110.4 | 103.9 | 110.4 | 104.3 | 110.4 | 105.1 | 108.4 | 116.5 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 185.0                     | 103.6 | 185.0 | 104.8 | 184.0 | 105.7 | 184.0 | 106.1 | 184.0 | 106.9 | 180.6 | 108.2 |
|        | -21.8             | -22      | 226.4                     | 104.6 | 226.4 | 105.9 | 225.2 | 106.7 | 225.2 | 107.1 | 225.2 | 107.9 | 220.8 | 103.4 |
|        | -19.8             | -20      | 239.8                     | 105.3 | 239.8 | 106.6 | 238.4 | 107.4 | 238.4 | 107.8 | 238.4 | 104.7 | 230.8 | 98.96 |
|        | -18.8             | -19      | 246.0                     | 105.7 | 244.6 | 106.9 | 243.4 | 107.8 | 243.4 | 106.2 | 243.4 | 103.1 | 230.8 | 95.32 |
|        | -16.7             | -17      | 255.8                     | 106.4 | 255.8 | 107.6 | 254.6 | 104.3 | 254.6 | 102.7 | 248.8 | 97.40 | 230.8 | 90.40 |
|        | -15               | -15.9    | 264.4                     | 106.9 | 264.4 | 105.1 | 262.4 | 101.9 | 256.8 | 98.02 | 248.8 | 93.62 | 230.8 | 88.14 |
|        | -13.7             | -15      | 273.0                     | 107.4 | 273.0 | 102.5 | 265.2 | 97.50 | 256.8 | 92.82 | 248.8 | 89.96 | 230.8 | 85.94 |
|        | -11.8             | -13      | 281.8                     | 104.0 | 280.4 | 99.32 | 265.2 | 91.44 | 256.8 | 89.68 | 248.8 | 87.10 | 230.8 | 83.08 |
|        | -9.8              | -11      | 291.2                     | 100.3 | 281.6 | 92.80 | 265.2 | 88.28 | 256.8 | 86.56 | 248.8 | 84.04 | 230.8 | 80.12 |
|        | -9.5              | -10      | 292.6                     | 99.78 | 281.6 | 91.86 | 265.2 | 87.84 | 256.8 | 86.08 | 248.8 | 83.56 | 230.8 | 79.66 |
|        | -8.5              | -9.1     | 298.4                     | 97.96 | 281.6 | 89.04 | 265.2 | 86.28 | 256.8 | 84.52 | 248.8 | 82.08 | 230.8 | 78.20 |
|        | -7                | -7.6     | 299.2                     | 91.32 | 281.6 | 86.56 | 265.2 | 84.00 | 256.8 | 82.18 | 248.8 | 79.80 | 230.8 | 75.96 |
|        | -5                | -5.6     | 299.2                     | 87.02 | 281.6 | 83.48 | 265.2 | 81.02 | 256.8 | 79.18 | 248.8 | 76.88 | 230.8 | 73.12 |
|        | -3                | -3.7     | 299.2                     | 83.68 | 281.6 | 80.40 | 265.2 | 78.08 | 256.8 | 76.16 | 248.8 | 73.92 | 230.8 | 70.24 |
|        | 0                 | -0.7     | 299.2                     | 78.72 | 281.6 | 75.78 | 265.2 | 73.62 | 256.8 | 71.64 | 248.8 | 69.52 | 230.8 | 65.96 |
|        | 3                 | 2.2      | 299.2                     | 73.72 | 281.6 | 71.16 | 265.2 | 69.18 | 256.8 | 67.14 | 248.8 | 65.14 | 230.8 | 61.62 |
|        | 5                 | 4.1      | 283.2                     | 64.86 | 265.6 | 62.52 | 249.0 | 60.56 | 240.4 | 58.52 | 232.4 | 56.64 | 214.2 | 53.24 |
|        | 7                 | 6        | 266.6                     | 56.60 | 249.0 | 54.46 | 232.2 | 52.56 | 223.6 | 50.54 | 215.4 | 48.82 | 197.0 | 45.50 |
|        | 9                 | 7.9      | 249.8                     | 49.06 | 231.8 | 47.02 | 215.0 | 45.18 | 206.2 | 43.34 | 197.8 | 41.72 | 179.4 | 38.66 |
|        | 11                | 9.8      | 232.2                     | 42.14 | 214.2 | 40.20 | 197.0 | 38.40 | 188.2 | 36.72 | 179.8 | 35.24 | 161.0 | 32.42 |
|        | 13                | 11.8     | 214.0                     | 35.78 | 196.0 | 33.94 | 178.6 | 32.26 | 169.4 | 30.74 | 161.0 | 29.38 | 142.2 | 26.84 |
|        | 15                | 13.7     | 195.2                     | 30.00 | 176.8 | 28.30 | 159.4 | 26.70 | 150.2 | 25.38 | 141.4 | 24.16 | 122.6 | 21.86 |
| 80     | -30               | -30.2    | 110.6                     | 89.62 | 110.6 | 90.94 | 109.8 | 91.82 | 109.8 | 90.76 | 109.8 | 103.4 | 107.8 | 99.10 |
|        | -24.8             | -25      | 184.4                     | 91.50 | 184.4 | 92.74 | 183.2 | 93.60 | 183.2 | 94.02 | 183.2 | 96.04 | 179.8 | 92.02 |
|        | -21.8             | -22      | 224.2                     | 92.58 | 224.2 | 93.78 | 224.2 | 94.64 | 224.2 | 95.86 | 221.8 | 90.88 | 206.2 | 83.44 |
|        | -19.8             | -20      | 237.4                     | 93.26 | 237.4 | 94.48 | 236.8 | 95.54 | 230.0 | 90.06 | 221.8 | 84.46 | 206.2 | 80.86 |
|        | -18.8             | -19      | 242.4                     | 93.62 | 242.4 | 95.70 | 237.0 | 92.14 | 230.0 | 86.80 | 221.8 | 83.12 | 206.2 | 79.62 |
|        | -16.7             | -17      | 250.0                     | 95.56 | 250.0 | 92.58 | 237.0 | 86.44 | 230.0 | 83.80 | 221.8 | 80.36 | 206.2 | 76.96 |
|        | -15               | -15.9    | 255.8                     | 93.26 | 252.6 | 90.22 | 237.0 | 84.30 | 230.0 | 81.70 | 221.8 | 78.36 | 206.2 | 75.04 |
|        | -13.7             | -15      | 261.4                     | 90.98 | 252.6 | 86.96 | 237.0 | 82.22 | 230.0 | 79.62 | 221.8 | 76.40 | 206.2 | 73.14 |
|        | -11.8             | -13      | 267.8                     | 88.08 | 252.6 | 82.96 | 237.0 | 79.54 | 230.0 | 77.00 | 221.8 | 73.92 | 206.2 | 70.74 |
|        | -9.8              | -11      | 268.0                     | 82.88 | 252.6 | 78.96 | 237.0 | 76.74 | 230.0 | 74.22 | 221.8 | 71.28 | 206.2 | 68.22 |
|        | -9.5              | -10      | 268.0                     | 81.84 | 252.6 | 78.08 | 237.0 | 76.32 | 230.0 | 73.80 | 221.8 | 70.88 | 206.2 | 67.86 |
|        | -8.5              | -9.1     | 268.0                     | 79.58 | 252.6 | 76.38 | 237.0 | 74.92 | 230.0 | 72.44 | 221.8 | 69.62 | 206.2 | 66.62 |
|        | -7                | -7.6     | 268.0                     | 76.66 | 252.6 | 74.28 | 237.0 | 72.84 | 230.0 | 70.36 | 221.8 | 67.66 | 206.2 | 64.72 |
|        | -5                | -5.6     | 268.0                     | 73.88 | 252.6 | 71.64 | 237.0 | 70.12 | 230.0 | 67.70 | 221.8 | 65.12 | 206.2 | 62.28 |
|        | -3                | -3.7     | 268.0                     | 71.10 | 252.6 | 68.94 | 237.0 | 67.40 | 230.0 | 65.04 | 221.8 | 62.60 | 206.2 | 59.86 |
|        | 0                 | -0.7     | 268.0                     | 66.92 | 252.6 | 64.94 | 237.0 | 63.38 | 230.0 | 61.02 | 221.8 | 58.80 | 206.2 | 56.22 |
|        | 3                 | 2.2      | 268.0                     | 62.76 | 252.6 | 60.90 | 237.0 | 59.30 | 230.0 | 57.00 | 221.8 | 55.02 | 206.2 | 52.56 |
|        | 5                 | 4.1      | 253.8                     | 55.36 | 238.2 | 53.56 | 222.4 | 51.88 | 215.4 | 49.68 | 207.2 | 47.88 | 191.4 | 45.52 |
|        | 7                 | 6        | 238.8                     | 48.44 | 223.4 | 46.70 | 207.4 | 44.96 | 200.2 | 42.92 | 192.0 | 41.30 | 176.0 | 39.02 |
|        | 9                 | 7.9      | 223.6                     | 41.46 | 208.0 | 39.84 | 192.0 | 38.16 | 184.8 | 36.32 | 176.2 | 34.88 | 160.2 | 32.76 |
|        | 11                | 9.8      | 207.8                     | 34.82 | 192.0 | 33.30 | 176.0 | 31.78 | 168.6 | 30.16 | 160.2 | 28.86 | 144.0 | 26.94 |
|        | 13                | 11.8     | 191.6                     | 29.20 | 175.6 | 27.78 | 159.6 | 26.38 | 151.8 | 24.96 | 143.4 | 23.80 | 127.0 | 22.06 |
|        | 15                | 13.7     | 174.8                     | 24.46 | 158.6 | 23.16 | 142.4 | 21.84 | 134.6 | 20.62 | 126.0 | 19.60 | 109.6 | 18.00 |
| 70     | -30               | -30.2    | 110.6                     | 89.64 | 110.6 | 90.00 | 109.8 | 90.86 | 109.8 | 101.9 | 109.8 | 97.04 | 107.8 | 92.58 |
|        | -24.8             | -25      | 184.4                     | 91.48 | 184.4 | 91.88 | 183.2 | 92.70 | 183.2 | 93.94 | 183.2 | 89.54 | 176.6 | 83.94 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 214.2                     | 92.54 | 214.2 | 92.96 | 202.0 | 88.94 | 195.0 | 84.76 | 189.2 | 80.82 | 176.6 | 77.06 |
|        | -19.8             | -20      | 227.4                     | 90.58 | 214.4 | 88.82 | 202.0 | 85.88 | 195.0 | 81.88 | 189.2 | 78.14 | 176.6 | 74.44 |
|        | -18.8             | -19      | 227.4                     | 88.78 | 214.4 | 87.28 | 202.0 | 84.38 | 195.0 | 80.42 | 189.2 | 76.78 | 176.6 | 73.14 |
|        | -16.7             | -17      | 227.4                     | 85.52 | 214.4 | 83.98 | 202.0 | 81.22 | 195.0 | 77.38 | 189.2 | 73.96 | 176.6 | 70.38 |
|        | -15               | -15.9    | 227.4                     | 83.20 | 214.4 | 81.64 | 202.0 | 78.94 | 195.0 | 75.24 | 189.2 | 71.94 | 176.6 | 68.42 |
|        | -13.7             | -15      | 227.4                     | 80.90 | 214.4 | 79.30 | 202.0 | 76.68 | 195.0 | 73.10 | 189.2 | 69.90 | 176.6 | 66.48 |
|        | -11.8             | -13      | 227.4                     | 77.98 | 214.4 | 76.36 | 202.0 | 73.84 | 195.0 | 70.36 | 189.2 | 67.36 | 176.6 | 64.04 |
|        | -9.8              | -11      | 227.4                     | 74.92 | 214.4 | 73.24 | 202.0 | 70.84 | 195.0 | 67.54 | 189.2 | 64.72 | 176.6 | 61.44 |
|        | -9.5              | -10      | 227.4                     | 74.46 | 214.4 | 72.76 | 202.0 | 70.38 | 195.0 | 67.10 | 189.2 | 64.32 | 176.6 | 61.06 |
|        | -8.5              | -9.1     | 227.4                     | 72.96 | 214.4 | 71.24 | 202.0 | 68.88 | 195.0 | 65.64 | 189.2 | 62.94 | 176.6 | 59.76 |
|        | -7                | -7.6     | 227.4                     | 70.64 | 214.4 | 68.92 | 202.0 | 66.66 | 195.0 | 63.54 | 189.2 | 60.96 | 176.6 | 57.82 |
|        | -5                | -5.6     | 227.4                     | 67.68 | 214.4 | 65.92 | 202.0 | 63.72 | 195.0 | 60.78 | 189.2 | 58.38 | 176.6 | 55.32 |
|        | -3                | -3.7     | 227.4                     | 64.72 | 214.4 | 62.90 | 202.0 | 60.82 | 195.0 | 58.02 | 189.2 | 55.78 | 176.6 | 52.82 |
|        | 0                 | -0.7     | 227.4                     | 60.26 | 214.4 | 58.40 | 202.0 | 56.46 | 195.0 | 53.86 | 189.2 | 51.92 | 176.6 | 49.06 |
|        | 3                 | 2.2      | 227.4                     | 55.82 | 214.4 | 53.90 | 202.0 | 52.10 | 195.0 | 49.72 | 189.2 | 48.04 | 176.6 | 45.30 |
|        | 5                 | 4.1      | 215.2                     | 48.86 | 202.2 | 46.90 | 189.6 | 45.16 | 182.6 | 43.04 | 176.6 | 41.56 | 164.0 | 38.96 |
|        | 7                 | 6        | 202.8                     | 42.40 | 189.6 | 40.44 | 176.8 | 38.78 | 169.8 | 36.88 | 163.8 | 35.62 | 150.8 | 33.14 |
|        | 9                 | 7.9      | 189.8                     | 35.00 | 176.4 | 33.26 | 163.6 | 31.76 | 156.6 | 30.14 | 150.4 | 29.04 | 137.2 | 26.84 |
|        | 11                | 9.8      | 176.4                     | 29.60 | 163.0 | 28.00 | 150.0 | 26.64 | 143.0 | 25.20 | 136.6 | 24.20 | 123.4 | 22.26 |
|        | 13                | 11.8     | 162.6                     | 24.94 | 149.2 | 23.50 | 136.0 | 22.24 | 128.8 | 21.00 | 122.4 | 20.10 | 108.8 | 18.38 |
|        | 15                | 13.7     | 148.4                     | 21.02 | 134.6 | 19.74 | 121.4 | 18.58 | 114.2 | 17.48 | 107.6 | 16.68 | 93.80 | 15.14 |
| 60     | -30               | -30.2    | 109.6                     | 88.80 | 109.6 | 89.64 | 109.0 | 101.3 | 105.8 | 95.98 | 102.0 | 91.10 | 95.60 | 86.56 |
|        | -24.8             | -25      | 182.8                     | 90.66 | 182.8 | 91.48 | 173.2 | 88.38 | 167.2 | 83.42 | 161.4 | 79.18 | 151.2 | 75.18 |
|        | -21.8             | -22      | 195.0                     | 91.04 | 184.4 | 87.78 | 173.2 | 83.24 | 167.2 | 79.04 | 161.4 | 75.04 | 151.2 | 71.18 |
|        | -19.8             | -20      | 195.0                     | 87.66 | 184.4 | 84.48 | 173.2 | 80.14 | 167.2 | 76.10 | 161.4 | 72.30 | 151.2 | 68.54 |
|        | -18.8             | -19      | 195.0                     | 86.02 | 184.4 | 82.84 | 173.2 | 78.60 | 167.2 | 74.64 | 161.4 | 70.92 | 151.2 | 67.22 |
|        | -16.7             | -17      | 195.0                     | 82.54 | 184.4 | 79.40 | 173.2 | 75.34 | 167.2 | 71.60 | 161.4 | 68.06 | 151.2 | 64.44 |
|        | -15               | -15.9    | 195.0                     | 80.04 | 184.4 | 76.94 | 173.2 | 73.02 | 167.2 | 69.42 | 161.4 | 66.00 | 151.2 | 62.48 |
|        | -13.7             | -15      | 195.0                     | 77.58 | 184.4 | 74.52 | 173.2 | 70.74 | 167.2 | 67.26 | 161.4 | 63.98 | 151.2 | 60.52 |
|        | -11.8             | -13      | 195.0                     | 74.46 | 184.4 | 71.40 | 173.2 | 67.80 | 167.2 | 64.50 | 161.4 | 61.42 | 151.2 | 58.00 |
|        | -9.8              | -11      | 195.0                     | 71.20 | 184.4 | 68.16 | 173.2 | 64.74 | 167.2 | 61.64 | 161.4 | 58.68 | 151.2 | 55.40 |
|        | -9.5              | -10      | 195.0                     | 70.70 | 184.4 | 67.68 | 173.2 | 64.28 | 167.2 | 61.20 | 161.4 | 58.28 | 151.2 | 55.00 |
|        | -8.5              | -9.1     | 195.0                     | 69.08 | 184.4 | 66.04 | 173.2 | 62.76 | 167.2 | 59.76 | 161.4 | 56.92 | 151.2 | 53.68 |
|        | -7                | -7.6     | 195.0                     | 66.62 | 184.4 | 63.64 | 173.2 | 60.46 | 167.2 | 57.62 | 161.4 | 54.92 | 151.2 | 51.72 |
|        | -5                | -5.6     | 195.0                     | 63.42 | 184.4 | 60.46 | 173.2 | 57.48 | 167.2 | 54.84 | 161.4 | 52.28 | 151.2 | 49.20 |
|        | -3                | -3.7     | 195.0                     | 60.26 | 184.4 | 57.30 | 173.2 | 54.48 | 167.2 | 52.04 | 161.4 | 49.64 | 151.2 | 46.64 |
|        | 0                 | -0.7     | 195.0                     | 55.46 | 184.4 | 52.58 | 173.2 | 50.04 | 167.2 | 47.82 | 161.4 | 45.68 | 151.2 | 42.84 |
|        | 3                 | 2.2      | 195.0                     | 50.68 | 184.4 | 47.82 | 173.2 | 45.56 | 167.2 | 43.64 | 161.4 | 41.76 | 151.2 | 39.00 |
|        | 5                 | 4.1      | 184.6                     | 44.02 | 174.0 | 41.26 | 162.6 | 39.20 | 156.6 | 37.54 | 150.6 | 35.86 | 140.4 | 33.30 |
|        | 7                 | 6        | 173.8                     | 37.84 | 163.0 | 35.24 | 151.6 | 33.36 | 145.6 | 31.94 | 139.6 | 30.52 | 129.0 | 28.12 |
|        | 9                 | 7.9      | 162.8                     | 30.98 | 151.8 | 28.72 | 140.2 | 27.10 | 134.2 | 25.88 | 128.4 | 24.68 | 117.6 | 22.60 |
|        | 11                | 9.8      | 151.4                     | 26.32 | 140.2 | 24.36 | 128.8 | 22.88 | 122.6 | 21.80 | 116.6 | 20.74 | 105.6 | 18.88 |
|        | 13                | 11.8     | 139.4                     | 22.36 | 128.4 | 20.58 | 116.6 | 19.26 | 110.4 | 18.30 | 104.4 | 17.38 | 93.00 | 15.76 |
|        | 15                | 13.7     | 127.2                     | 19.00 | 115.8 | 17.44 | 104.0 | 16.22 | 97.80 | 15.40 | 91.60 | 14.56 | 80.40 | 13.14 |
| 50     | -30               | -30.2    | 102.8                     | 76.96 | 97.00 | 87.64 | 91.20 | 82.96 | 88.20 | 78.66 | 85.40 | 74.50 | 79.40 | 70.82 |
|        | -24.8             | -25      | 162.6                     | 74.80 | 153.4 | 75.96 | 144.2 | 72.00 | 139.6 | 68.28 | 135.0 | 64.78 | 125.6 | 61.50 |
|        | -21.8             | -22      | 162.6                     | 75.84 | 153.4 | 71.88 | 144.2 | 68.16 | 139.6 | 64.66 | 135.0 | 61.38 | 125.6 | 58.24 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 162.6                     | 73.00 | 153.4 | 69.14 | 144.2 | 65.60 | 139.6 | 62.22 | 135.0 | 59.12 | 125.6 | 56.06 |
|        | -18.8             | -19      | 162.6                     | 71.56 | 153.4 | 67.78 | 144.2 | 64.32 | 139.6 | 61.04 | 135.0 | 58.00 | 125.6 | 54.98 |
|        | -16.7             | -17      | 162.6                     | 68.58 | 153.4 | 64.92 | 144.2 | 61.70 | 139.6 | 58.50 | 135.0 | 55.66 | 125.6 | 52.70 |
|        | -15               | -15.9    | 162.6                     | 66.46 | 153.4 | 62.88 | 144.2 | 59.76 | 139.6 | 56.70 | 135.0 | 53.98 | 125.6 | 51.10 |
|        | -13.7             | -15      | 162.6                     | 64.34 | 153.4 | 60.88 | 144.2 | 57.86 | 139.6 | 54.92 | 135.0 | 52.30 | 125.6 | 49.48 |
|        | -11.8             | -13      | 162.6                     | 61.70 | 153.4 | 58.30 | 144.2 | 55.48 | 139.6 | 52.64 | 135.0 | 50.18 | 125.6 | 47.44 |
|        | -9.8              | -11      | 162.6                     | 58.88 | 153.4 | 55.62 | 144.2 | 52.96 | 139.6 | 50.22 | 135.0 | 47.94 | 125.6 | 45.28 |
|        | -9.5              | -10      | 162.6                     | 58.44 | 153.4 | 55.22 | 144.2 | 52.58 | 139.6 | 49.88 | 135.0 | 47.62 | 125.6 | 44.98 |
|        | -8.5              | -9.1     | 162.6                     | 57.04 | 153.4 | 53.88 | 144.2 | 51.32 | 139.6 | 48.68 | 135.0 | 46.50 | 125.6 | 43.90 |
|        | -7                | -7.6     | 162.6                     | 54.96 | 153.4 | 51.86 | 144.2 | 49.44 | 139.6 | 46.94 | 135.0 | 44.86 | 125.6 | 42.30 |
|        | -5                | -5.6     | 162.6                     | 52.20 | 153.4 | 49.24 | 144.2 | 47.00 | 139.6 | 44.60 | 135.0 | 42.70 | 125.6 | 40.22 |
|        | -3                | -3.7     | 162.6                     | 49.48 | 153.4 | 46.62 | 144.2 | 44.54 | 139.6 | 42.28 | 135.0 | 40.54 | 125.6 | 38.16 |
|        | 0                 | -0.7     | 162.6                     | 45.38 | 153.4 | 42.68 | 144.2 | 40.86 | 139.6 | 38.78 | 135.0 | 37.30 | 125.6 | 35.02 |
|        | 3                 | 2.2      | 162.6                     | 41.28 | 153.4 | 38.78 | 144.2 | 37.22 | 139.6 | 35.32 | 135.0 | 34.06 | 125.6 | 31.90 |
|        | 5                 | 4.1      | 153.8                     | 35.82 | 144.6 | 33.48 | 135.4 | 32.08 | 130.8 | 30.42 | 126.2 | 29.36 | 116.4 | 27.32 |
|        | 7                 | 6        | 145.0                     | 30.76 | 135.6 | 28.64 | 126.2 | 27.42 | 121.6 | 25.94 | 117.0 | 25.04 | 107.2 | 23.18 |
|        | 9                 | 7.9      | 135.8                     | 25.58 | 126.2 | 23.74 | 117.0 | 22.66 | 112.0 | 21.40 | 107.4 | 20.60 | 97.60 | 18.96 |
|        | 11                | 9.8      | 126.2                     | 21.92 | 116.6 | 20.28 | 107.0 | 19.26 | 102.4 | 18.18 | 97.40 | 17.46 | 87.60 | 16.02 |
|        | 13                | 11.8     | 116.2                     | 18.76 | 106.6 | 17.28 | 97.00 | 16.38 | 92.20 | 15.42 | 87.40 | 14.78 | 77.20 | 13.50 |
|        | 15                | 13.7     | 106.2                     | 16.06 | 96.40 | 14.76 | 86.60 | 13.96 | 81.60 | 13.10 | 76.80 | 12.54 | 66.80 | 11.38 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM940LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 115.1                     | 105.0 | 115.1 | 105.7 | 114.3 | 106.4 | 114.3 | 107.3 | 114.3 | 108.3 | 112.3 | 109.9 |
|        | -24.8             | -25      | 191.9                     | 107.4 | 191.9 | 108.2 | 190.5 | 108.8 | 190.5 | 109.8 | 190.5 | 110.7 | 187.1 | 112.3 |
|        | -21.8             | -22      | 235.7                     | 108.8 | 235.7 | 109.6 | 234.2 | 110.2 | 234.2 | 111.2 | 234.2 | 112.2 | 229.5 | 113.7 |
|        | -19.8             | -20      | 249.9                     | 109.7 | 249.9 | 110.5 | 247.9 | 111.2 | 247.9 | 112.2 | 247.9 | 113.1 | 243.6 | 114.6 |
|        | -18.8             | -19      | 255.6                     | 110.2 | 255.6 | 111.0 | 253.7 | 111.6 | 253.7 | 112.6 | 253.7 | 113.6 | 249.0 | 115.1 |
|        | -16.7             | -17      | 267.3                     | 111.2 | 267.3 | 112.0 | 265.3 | 112.6 | 265.3 | 113.6 | 265.3 | 114.6 | 260.6 | 116.1 |
|        | -15               | -15.9    | 275.5                     | 111.9 | 275.5 | 112.7 | 273.8 | 113.3 | 273.8 | 114.3 | 273.8 | 115.3 | 268.4 | 113.9 |
|        | -13.7             | -15      | 284.0                     | 112.6 | 284.0 | 113.4 | 282.0 | 114.1 | 282.0 | 115.1 | 282.0 | 116.0 | 276.6 | 111.8 |
|        | -11.8             | -13      | 293.1                     | 113.6 | 293.1 | 114.3 | 291.4 | 114.9 | 291.4 | 116.0 | 291.4 | 113.1 | 287.1 | 109.1 |
|        | -9.8              | -11      | 302.9                     | 114.5 | 302.9 | 115.2 | 300.9 | 115.9 | 300.9 | 113.0 | 300.9 | 110.1 | 297.9 | 106.2 |
|        | -9.5              | -10      | 304.5                     | 114.7 | 304.5 | 115.4 | 302.8 | 115.4 | 302.8 | 112.5 | 302.5 | 109.7 | 299.5 | 105.8 |
|        | -8.5              | -9.1     | 310.4                     | 115.1 | 310.4 | 115.9 | 308.7 | 113.9 | 308.7 | 110.9 | 307.5 | 108.2 | 304.9 | 104.4 |
|        | -7                | -7.6     | 319.3                     | 115.8 | 319.3 | 113.7 | 317.1 | 111.6 | 317.1 | 108.7 | 317.1 | 105.9 | 313.1 | 102.2 |
|        | -5                | -5.6     | 331.0                     | 113.0 | 331.0 | 110.7 | 328.7 | 108.6 | 328.7 | 105.7 | 328.7 | 102.9 | 323.7 | 99.41 |
|        | -3                | -3.7     | 342.8                     | 110.2 | 342.8 | 107.8 | 340.4 | 105.5 | 340.4 | 102.7 | 340.4 | 99.95 | 334.0 | 96.41 |
|        | 0                 | -0.7     | 360.4                     | 106.0 | 360.4 | 103.4 | 357.8 | 101.0 | 357.8 | 98.20 | 357.8 | 95.52 | 334.1 | 87.91 |
|        | 3                 | 2.2      | 378.0                     | 101.8 | 378.0 | 98.92 | 375.4 | 96.43 | 372.1 | 92.87 | 358.8 | 87.03 | 334.1 | 83.68 |
|        | 5                 | 4.1      | 380.0                     | 96.36 | 360.5 | 86.39 | 357.7 | 83.88 | 348.6 | 79.34 | 334.9 | 75.84 | 310.2 | 73.12 |
|        | 7                 | 6        | 342.8                     | 77.61 | 338.1 | 73.89 | 333.8 | 71.33 | 323.9 | 68.34 | 310.6 | 65.95 | 285.2 | 63.17 |
|        | 9                 | 7.9      | 319.3                     | 67.69 | 315.0 | 64.68 | 308.8 | 61.90 | 298.8 | 59.64 | 285.2 | 57.37 | 259.7 | 54.56 |
| 120    | 11                | 9.8      | 296.6                     | 59.82 | 290.7 | 56.88 | 283.2 | 54.13 | 272.6 | 51.93 | 259.3 | 49.77 | 233.1 | 46.92 |
|        | 13                | 11.8     | 273.5                     | 52.29 | 266.0 | 49.38 | 256.6 | 46.65 | 245.6 | 44.59 | 231.9 | 42.55 | 206.0 | 39.71 |
|        | 15                | 13.7     | 249.2                     | 45.01 | 240.2 | 42.25 | 228.8 | 39.56 | 217.8 | 37.64 | 204.1 | 35.74 | 177.4 | 32.95 |
|        | -30               | -30.2    | 114.3                     | 105.7 | 114.3 | 106.4 | 113.6 | 107.3 | 113.6 | 108.3 | 113.6 | 109.9 | 111.5 | 110.8 |
|        | -24.8             | -25      | 190.4                     | 108.2 | 190.4 | 108.8 | 189.3 | 109.8 | 189.3 | 110.7 | 189.3 | 112.3 | 185.9 | 113.3 |
|        | -21.8             | -22      | 234.1                     | 109.6 | 234.1 | 110.2 | 232.6 | 111.2 | 232.6 | 112.2 | 232.6 | 113.7 | 228.2 | 114.7 |
|        | -19.8             | -20      | 247.9                     | 110.5 | 247.9 | 111.2 | 246.3 | 112.2 | 246.3 | 113.1 | 246.3 | 114.6 | 241.7 | 115.7 |
|        | -18.8             | -19      | 253.4                     | 111.0 | 253.4 | 111.6 | 251.8 | 112.6 | 251.8 | 113.6 | 251.8 | 115.1 | 247.1 | 116.1 |
|        | -16.7             | -17      | 265.0                     | 112.0 | 265.0 | 112.6 | 263.4 | 113.6 | 263.4 | 114.6 | 263.4 | 116.1 | 258.4 | 113.4 |
|        | -15               | -15.9    | 273.5                     | 112.7 | 273.5 | 113.3 | 271.6 | 114.3 | 271.6 | 115.3 | 271.6 | 114.0 | 266.5 | 111.4 |
|        | -13.7             | -15      | 281.7                     | 113.4 | 281.7 | 114.1 | 280.1 | 115.1 | 280.1 | 116.0 | 280.1 | 112.0 | 274.6 | 109.4 |
|        | -11.8             | -13      | 291.0                     | 114.3 | 291.0 | 114.9 | 289.1 | 116.0 | 289.1 | 113.1 | 289.1 | 109.4 | 285.1 | 106.9 |
|        | -9.8              | -11      | 300.6                     | 115.2 | 300.6 | 115.9 | 298.9 | 112.8 | 298.9 | 110.1 | 298.9 | 106.7 | 296.0 | 104.3 |
|        | -9.5              | -10      | 302.5                     | 115.4 | 302.5 | 115.4 | 300.6 | 112.3 | 300.6 | 109.6 | 300.6 | 106.2 | 297.5 | 103.9 |
|        | -8.5              | -9.1     | 308.4                     | 115.9 | 308.4 | 113.7 | 306.0 | 110.7 | 306.0 | 108.1 | 306.0 | 104.9 | 302.7 | 102.6 |
|        | -7                | -7.6     | 317.0                     | 113.4 | 317.0 | 111.2 | 315.0 | 108.4 | 315.0 | 105.8 | 315.0 | 102.8 | 310.8 | 100.6 |
|        | -5                | -5.6     | 328.7                     | 110.1 | 328.7 | 107.9 | 326.7 | 105.2 | 326.7 | 102.8 | 326.7 | 100.1 | 313.8 | 95.67 |
|        | -3                | -3.7     | 340.1                     | 106.9 | 340.1 | 104.7 | 338.1 | 102.1 | 338.1 | 99.83 | 337.7 | 97.41 | 313.8 | 90.54 |
|        | 0                 | -0.7     | 357.7                     | 102.1 | 357.7 | 99.75 | 355.3 | 97.43 | 348.6 | 93.53 | 337.7 | 88.83 | 313.8 | 86.88 |
| 110    | 3                 | 2.2      | 375.0                     | 97.20 | 375.0 | 94.83 | 360.5 | 89.69 | 348.6 | 86.19 | 337.7 | 84.82 | 313.8 | 83.21 |
|        | 5                 | 4.1      | 359.2                     | 84.86 | 354.1 | 81.50 | 338.5 | 77.63 | 326.3 | 75.91 | 315.4 | 74.77 | 291.1 | 73.00 |
|        | 7                 | 6        | 338.4                     | 72.62 | 332.1 | 69.83 | 315.5 | 67.87 | 303.5 | 66.20 | 292.3 | 65.28 | 268.0 | 63.33 |
|        | 9                 | 7.9      | 316.8                     | 63.87 | 309.4 | 61.39 | 292.0 | 59.33 | 280.0 | 57.74 | 268.4 | 56.74 | 244.0 | 54.65 |
|        | 11                | 9.8      | 294.5                     | 56.38 | 285.5 | 53.90 | 267.7 | 51.78 | 255.4 | 50.25 | 244.0 | 49.15 | 219.0 | 46.95 |
|        | 13                | 11.8     | 271.4                     | 49.18 | 261.2 | 46.75 | 242.6 | 44.62 | 230.3 | 43.11 | 218.6 | 42.01 | 193.2 | 39.74 |
|        | 15                | 13.7     | 247.5                     | 42.31 | 235.8 | 39.93 | 216.7 | 37.82 | 204.1 | 36.38 | 192.0 | 35.25 | 166.5 | 32.99 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 113.9                     | 106.4 | 113.9 | 107.3 | 113.1 | 108.3 | 113.1 | 109.9 | 113.1 | 110.8 | 110.8 | 111.4 |
|        | -24.8             | -25      | 189.6                     | 108.8 | 189.6 | 109.8 | 188.3 | 110.7 | 188.3 | 112.3 | 188.3 | 113.3 | 184.5 | 113.8 |
|        | -21.8             | -22      | 232.9                     | 110.2 | 232.9 | 111.2 | 231.0 | 112.2 | 231.0 | 113.7 | 231.0 | 114.7 | 227.0 | 115.2 |
|        | -19.8             | -20      | 246.7                     | 111.2 | 246.7 | 112.2 | 245.2 | 113.1 | 245.2 | 114.6 | 245.2 | 115.7 | 240.4 | 116.2 |
|        | -18.8             | -19      | 252.2                     | 111.6 | 252.2 | 112.6 | 250.6 | 113.6 | 250.6 | 115.1 | 250.6 | 116.1 | 245.9 | 114.7 |
|        | -16.7             | -17      | 263.8                     | 112.6 | 263.8 | 113.6 | 262.2 | 114.6 | 262.2 | 116.1 | 262.2 | 113.2 | 257.1 | 111.6 |
|        | -15               | -15.9    | 272.0                     | 113.3 | 272.0 | 114.3 | 270.4 | 115.3 | 270.4 | 113.8 | 270.4 | 111.0 | 267.7 | 109.4 |
|        | -13.7             | -15      | 280.1                     | 114.1 | 280.1 | 115.1 | 278.6 | 116.0 | 278.6 | 111.6 | 278.6 | 108.9 | 278.6 | 107.2 |
|        | -11.8             | -13      | 289.2                     | 114.9 | 289.2 | 116.0 | 287.6 | 112.8 | 287.6 | 108.7 | 287.6 | 106.1 | 282.4 | 102.5 |
|        | -9.8              | -11      | 298.9                     | 115.9 | 298.9 | 112.4 | 297.3 | 109.5 | 297.3 | 105.7 | 297.3 | 103.3 | 282.4 | 96.88 |
|        | -9.5              | -10      | 300.6                     | 115.3 | 300.6 | 111.8 | 298.9 | 108.9 | 298.9 | 105.2 | 298.9 | 102.9 | 282.4 | 95.85 |
|        | -8.5              | -9.1     | 306.4                     | 113.4 | 306.4 | 110.0 | 304.8 | 107.3 | 304.8 | 103.7 | 302.4 | 100.6 | 282.4 | 94.45 |
|        | -7                | -7.6     | 315.3                     | 110.5 | 315.3 | 107.4 | 313.4 | 104.8 | 313.0 | 101.4 | 302.4 | 95.81 | 282.4 | 92.38 |
|        | -5                | -5.6     | 326.8                     | 106.7 | 326.8 | 103.8 | 323.6 | 101.1 | 313.0 | 95.00 | 302.4 | 91.53 | 282.4 | 89.63 |
|        | -3                | -3.7     | 338.5                     | 102.9 | 338.5 | 100.3 | 323.6 | 94.42 | 313.0 | 90.58 | 302.4 | 88.83 | 282.4 | 86.88 |
|        | 0                 | -0.7     | 355.7                     | 97.16 | 345.0 | 92.09 | 323.6 | 88.44 | 313.0 | 86.38 | 302.4 | 84.86 | 282.4 | 82.79 |
|        | 3                 | 2.2      | 365.0                     | 89.48 | 345.0 | 85.05 | 323.6 | 83.72 | 313.0 | 82.15 | 302.4 | 80.85 | 282.4 | 78.64 |
|        | 5                 | 4.1      | 345.4                     | 76.58 | 325.4 | 74.97 | 303.7 | 73.66 | 293.0 | 72.33 | 282.4 | 71.11 | 262.0 | 68.70 |
|        | 7                 | 6        | 325.4                     | 66.98 | 305.0 | 65.50 | 283.3 | 64.20 | 272.6 | 63.10 | 261.7 | 61.99 | 241.2 | 59.35 |
|        | 9                 | 7.9      | 304.7                     | 58.98 | 283.9 | 57.41 | 262.1 | 55.97 | 251.5 | 54.86 | 240.5 | 53.71 | 219.4 | 51.10 |
|        | 11                | 9.8      | 283.2                     | 51.91 | 262.4 | 50.24 | 240.5 | 48.72 | 229.5 | 47.59 | 218.5 | 46.41 | 197.0 | 43.82 |
|        | 13                | 11.8     | 261.2                     | 45.08 | 240.0 | 43.41 | 217.8 | 41.81 | 206.8 | 40.71 | 195.5 | 39.55 | 173.9 | 36.97 |
|        | 15                | 13.7     | 238.1                     | 38.63 | 216.6 | 36.98 | 194.3 | 35.35 | 183.3 | 34.26 | 172.0 | 33.13 | 150.0 | 30.64 |
| 100    | -30               | -30.2    | 113.1                     | 121.9 | 113.1 | 121.4 | 112.6 | 105.5 | 112.6 | 120.1 | 112.6 | 116.7 | 110.3 | 119.3 |
|        | -24.8             | -25      | 188.7                     | 120.4 | 188.7 | 119.8 | 187.5 | 111.5 | 187.5 | 118.5 | 187.5 | 117.9 | 183.7 | 117.7 |
|        | -21.8             | -22      | 231.4                     | 119.5 | 231.4 | 119.0 | 230.2 | 114.9 | 230.2 | 117.6 | 230.2 | 118.7 | 225.6 | 116.8 |
|        | -19.8             | -20      | 245.6                     | 118.9 | 245.6 | 118.3 | 244.3 | 117.0 | 244.3 | 117.0 | 244.3 | 117.0 | 239.6 | 116.2 |
|        | -18.8             | -19      | 251.0                     | 118.6 | 249.7 | 118.0 | 249.7 | 117.5 | 249.7 | 116.7 | 249.7 | 116.1 | 244.7 | 114.4 |
|        | -16.7             | -17      | 261.1                     | 118.0 | 261.1 | 117.4 | 261.1 | 118.5 | 259.5 | 116.1 | 259.5 | 112.4 | 254.7 | 110.6 |
|        | -15               | -15.9    | 270.0                     | 117.5 | 270.0 | 117.0 | 268.9 | 117.3 | 268.4 | 113.4 | 268.4 | 109.7 | 258.1 | 105.7 |
|        | -13.7             | -15      | 278.9                     | 117.1 | 278.9 | 116.5 | 277.1 | 116.0 | 277.1 | 110.7 | 277.0 | 107.0 | 258.1 | 99.69 |
|        | -11.8             | -13      | 287.9                     | 116.5 | 286.4 | 116.0 | 286.4 | 112.4 | 286.4 | 107.3 | 277.0 | 100.3 | 258.1 | 96.46 |
|        | -9.8              | -11      | 297.4                     | 115.9 | 297.4 | 112.0 | 296.1 | 108.6 | 286.4 | 100.4 | 277.0 | 95.02 | 258.1 | 93.03 |
|        | -9.5              | -10      | 298.9                     | 115.3 | 298.9 | 111.3 | 296.1 | 107.5 | 286.4 | 99.27 | 277.0 | 94.51 | 258.1 | 92.49 |
|        | -8.5              | -9.1     | 304.8                     | 113.2 | 304.8 | 109.3 | 296.1 | 103.5 | 286.4 | 96.17 | 277.0 | 92.83 | 258.1 | 90.78 |
|        | -7                | -7.6     | 318.9                     | 110.1 | 314.9 | 105.5 | 296.1 | 98.02 | 286.4 | 93.63 | 277.0 | 90.31 | 258.1 | 88.22 |
|        | -5                | -5.6     | 332.6                     | 105.9 | 314.9 | 97.94 | 296.1 | 94.51 | 286.4 | 90.24 | 277.0 | 87.00 | 258.1 | 84.82 |
|        | -3                | -3.7     | 333.8                     | 99.33 | 314.9 | 93.36 | 296.1 | 90.97 | 286.4 | 86.88 | 277.0 | 83.68 | 258.1 | 81.43 |
|        | 0                 | -0.7     | 333.8                     | 90.69 | 314.9 | 87.72 | 296.1 | 85.66 | 286.4 | 81.85 | 277.0 | 78.68 | 258.1 | 76.36 |
|        | 3                 | 2.2      | 333.8                     | 84.82 | 314.9 | 82.08 | 296.1 | 80.36 | 286.4 | 76.81 | 277.0 | 73.72 | 258.1 | 71.27 |
|        | 5                 | 4.1      | 316.1                     | 74.60 | 296.9 | 71.97 | 278.1 | 70.28 | 268.0 | 67.11 | 258.6 | 64.11 | 239.7 | 61.51 |
|        | 7                 | 6        | 297.7                     | 65.01 | 278.5 | 62.50 | 259.3 | 60.92 | 249.2 | 58.00 | 239.8 | 55.22 | 220.5 | 52.51 |
|        | 9                 | 7.9      | 278.6                     | 57.06 | 259.3 | 54.62 | 240.0 | 52.95 | 230.0 | 50.29 | 220.2 | 47.73 | 200.5 | 45.08 |
|        | 11                | 9.8      | 259.0                     | 50.04 | 239.3 | 47.68 | 220.1 | 45.97 | 210.0 | 43.51 | 200.2 | 41.16 | 180.2 | 38.58 |
|        | 13                | 11.8     | 238.6                     | 43.39 | 219.0 | 41.09 | 199.3 | 39.37 | 189.2 | 37.14 | 179.1 | 34.99 | 159.0 | 32.49 |
|        | 15                | 13.7     | 217.8                     | 37.07 | 197.8 | 34.92 | 177.8 | 33.22 | 167.7 | 31.19 | 157.5 | 29.29 | 137.1 | 26.89 |
| 90     | -30               | -30.2    | 112.7                     | 104.8 | 112.7 | 106.2 | 112.0 | 107.3 | 112.0 | 107.8 | 112.0 | 108.8 | 110.0 | 121.2 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 187.9                     | 107.2 | 187.9 | 108.7 | 186.8 | 109.8 | 186.8 | 110.3 | 186.8 | 111.2 | 183.3 | 112.8 |
|        | -21.8             | -22      | 230.6                     | 108.6 | 230.6 | 110.1 | 229.4 | 111.2 | 229.4 | 111.7 | 229.4 | 112.7 | 224.8 | 108.0 |
|        | -19.8             | -20      | 244.7                     | 109.6 | 244.7 | 111.1 | 243.2 | 112.1 | 243.2 | 112.7 | 243.2 | 109.4 | 235.8 | 103.6 |
|        | -18.8             | -19      | 251.0                     | 110.1 | 249.7 | 111.6 | 248.3 | 112.6 | 248.3 | 111.0 | 248.3 | 107.7 | 235.8 | 99.76 |
|        | -16.7             | -17      | 261.1                     | 111.1 | 261.1 | 112.6 | 259.9 | 109.1 | 259.9 | 107.4 | 254.2 | 101.9 | 235.8 | 94.60 |
|        | -15               | -15.9    | 270.0                     | 111.8 | 270.0 | 110.0 | 268.0 | 106.6 | 262.4 | 102.7 | 254.2 | 98.03 | 235.8 | 92.29 |
|        | -13.7             | -15      | 278.9                     | 112.5 | 278.9 | 107.4 | 271.0 | 102.1 | 262.4 | 97.23 | 254.2 | 94.24 | 235.8 | 90.03 |
|        | -11.8             | -13      | 287.9                     | 108.9 | 286.4 | 104.1 | 271.0 | 95.88 | 262.4 | 94.02 | 254.2 | 91.31 | 235.8 | 87.10 |
|        | -9.8              | -11      | 297.4                     | 105.2 | 287.6 | 97.36 | 271.0 | 92.62 | 262.4 | 90.80 | 254.2 | 88.18 | 235.8 | 84.06 |
|        | -9.5              | -10      | 298.9                     | 104.7 | 287.6 | 96.35 | 271.0 | 92.16 | 262.4 | 90.32 | 254.2 | 87.68 | 235.8 | 83.59 |
|        | -8.5              | -9.1     | 304.8                     | 102.8 | 287.6 | 93.46 | 271.0 | 90.56 | 262.4 | 88.72 | 254.2 | 86.16 | 235.8 | 82.08 |
|        | -7                | -7.6     | 305.6                     | 95.88 | 287.6 | 90.90 | 271.0 | 88.22 | 262.4 | 86.31 | 254.2 | 83.82 | 235.8 | 79.78 |
|        | -5                | -5.6     | 305.6                     | 91.39 | 287.6 | 87.68 | 271.0 | 85.11 | 262.4 | 83.17 | 254.2 | 80.76 | 235.8 | 76.80 |
|        | -3                | -3.7     | 305.6                     | 87.90 | 287.6 | 84.46 | 271.0 | 82.02 | 262.4 | 80.00 | 254.2 | 77.66 | 235.8 | 73.80 |
|        | 0                 | -0.7     | 305.6                     | 82.70 | 287.6 | 79.61 | 271.0 | 77.35 | 262.4 | 75.26 | 254.2 | 73.04 | 235.8 | 69.30 |
|        | 3                 | 2.2      | 305.6                     | 77.46 | 287.6 | 74.76 | 271.0 | 72.69 | 262.4 | 70.55 | 254.2 | 68.45 | 235.8 | 64.75 |
|        | 5                 | 4.1      | 289.2                     | 68.27 | 271.2 | 65.80 | 254.5 | 63.76 | 245.6 | 61.60 | 237.4 | 59.62 | 218.9 | 56.04 |
|        | 7                 | 6        | 272.3                     | 59.68 | 254.3 | 57.43 | 237.3 | 55.42 | 228.4 | 53.31 | 220.1 | 51.49 | 201.3 | 47.99 |
|        | 9                 | 7.9      | 255.1                     | 51.81 | 236.7 | 49.65 | 219.7 | 47.71 | 210.7 | 45.77 | 202.1 | 44.06 | 183.3 | 40.83 |
|        | 11                | 9.8      | 237.1                     | 44.57 | 218.7 | 42.50 | 201.3 | 40.60 | 192.3 | 38.82 | 183.7 | 37.26 | 164.5 | 34.27 |
|        | 13                | 11.8     | 218.6                     | 37.87 | 200.2 | 35.93 | 182.5 | 34.15 | 173.1 | 32.53 | 164.5 | 31.09 | 145.3 | 28.38 |
|        | 15                | 13.7     | 199.4                     | 31.78 | 180.6 | 29.99 | 162.9 | 28.27 | 153.5 | 26.87 | 144.5 | 25.56 | 125.3 | 23.11 |
| 80     | -30               | -30.2    | 112.3                     | 92.05 | 112.3 | 93.65 | 111.5 | 94.73 | 111.5 | 93.44 | 111.5 | 107.6 | 109.5 | 103.2 |
|        | -24.8             | -25      | 187.2                     | 94.59 | 187.2 | 96.11 | 186.0 | 97.18 | 186.0 | 97.69 | 186.0 | 100.2 | 182.5 | 95.99 |
|        | -21.8             | -22      | 228.3                     | 96.05 | 228.3 | 97.53 | 228.3 | 98.60 | 228.3 | 100.1 | 226.7 | 95.24 | 210.7 | 87.16 |
|        | -19.8             | -20      | 242.1                     | 96.99 | 242.1 | 98.50 | 241.8 | 99.95 | 235.0 | 94.27 | 226.7 | 88.29 | 210.7 | 84.53 |
|        | -18.8             | -19      | 247.4                     | 97.47 | 247.4 | 100.1 | 242.1 | 96.43 | 235.0 | 90.82 | 226.7 | 86.92 | 210.7 | 83.27 |
|        | -16.7             | -17      | 255.4                     | 99.98 | 255.4 | 96.87 | 242.1 | 90.46 | 235.0 | 87.70 | 226.7 | 84.12 | 210.7 | 80.56 |
|        | -15               | -15.9    | 261.3                     | 97.65 | 258.1 | 94.49 | 242.1 | 88.29 | 235.0 | 85.57 | 226.7 | 82.08 | 210.7 | 78.60 |
|        | -13.7             | -15      | 267.1                     | 95.31 | 258.1 | 91.12 | 242.1 | 86.15 | 235.0 | 83.43 | 226.7 | 80.06 | 210.7 | 76.65 |
|        | -11.8             | -13      | 273.5                     | 92.34 | 258.1 | 87.02 | 242.1 | 83.41 | 235.0 | 80.74 | 226.7 | 77.52 | 210.7 | 74.19 |
|        | -9.8              | -11      | 273.8                     | 87.02 | 258.1 | 82.92 | 242.1 | 80.53 | 235.0 | 77.89 | 226.7 | 74.80 | 210.7 | 71.59 |
|        | -9.5              | -10      | 273.8                     | 85.92 | 258.1 | 81.98 | 242.1 | 80.10 | 235.0 | 77.46 | 226.7 | 74.40 | 210.7 | 71.23 |
|        | -8.5              | -9.1     | 273.8                     | 83.57 | 258.1 | 80.19 | 242.1 | 78.66 | 235.0 | 76.06 | 226.7 | 73.11 | 210.7 | 69.95 |
|        | -7                | -7.6     | 273.8                     | 80.53 | 258.1 | 78.04 | 242.1 | 76.52 | 235.0 | 73.92 | 226.7 | 71.09 | 210.7 | 68.00 |
|        | -5                | -5.6     | 273.8                     | 77.62 | 258.1 | 75.26 | 242.1 | 73.66 | 235.0 | 71.13 | 226.7 | 68.42 | 210.7 | 65.44 |
|        | -3                | -3.7     | 273.8                     | 74.71 | 258.1 | 72.43 | 242.1 | 70.82 | 235.0 | 68.34 | 226.7 | 65.78 | 210.7 | 62.89 |
|        | 0                 | -0.7     | 273.8                     | 70.32 | 258.1 | 68.25 | 242.1 | 66.61 | 235.0 | 64.13 | 226.7 | 61.80 | 210.7 | 59.09 |
|        | 3                 | 2.2      | 273.8                     | 65.96 | 258.1 | 64.01 | 242.1 | 62.33 | 235.0 | 59.90 | 226.7 | 57.83 | 210.7 | 55.24 |
|        | 5                 | 4.1      | 259.3                     | 58.28 | 243.3 | 56.38 | 227.2 | 54.62 | 220.1 | 52.30 | 211.8 | 50.40 | 195.5 | 47.92 |
|        | 7                 | 6        | 244.0                     | 51.06 | 228.3 | 49.23 | 211.9 | 47.40 | 204.5 | 45.26 | 196.2 | 43.55 | 179.8 | 41.15 |
|        | 9                 | 7.9      | 228.4                     | 43.77 | 212.6 | 42.06 | 196.2 | 40.28 | 188.8 | 38.34 | 180.1 | 36.82 | 163.7 | 34.58 |
|        | 11                | 9.8      | 212.3                     | 36.79 | 196.2 | 35.19 | 179.8 | 33.57 | 172.3 | 31.86 | 163.7 | 30.49 | 147.2 | 28.45 |
|        | 13                | 11.8     | 195.8                     | 30.88 | 179.4 | 29.37 | 163.0 | 27.89 | 155.1 | 26.38 | 146.5 | 25.14 | 129.7 | 23.29 |
|        | 15                | 13.7     | 178.6                     | 25.87 | 162.1 | 24.48 | 145.4 | 23.08 | 137.5 | 21.77 | 128.8 | 20.68 | 112.0 | 18.98 |
| 70     | -30               | -30.2    | 112.3                     | 92.46 | 112.3 | 92.94 | 111.5 | 93.97 | 111.5 | 106.1 | 111.5 | 101.0 | 109.5 | 96.41 |
|        | -24.8             | -25      | 187.2                     | 94.98 | 187.2 | 95.48 | 186.0 | 96.49 | 186.0 | 98.03 | 186.0 | 93.43 | 180.5 | 88.15 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 218.7                     | 96.43 | 218.7 | 96.94 | 206.4 | 92.93 | 199.3 | 88.56 | 193.2 | 84.45 | 180.5 | 80.53 |
|        | -19.8             | -20      | 232.3                     | 94.31 | 219.0 | 92.87 | 206.4 | 89.80 | 199.3 | 85.62 | 193.2 | 81.71 | 180.5 | 77.84 |
|        | -18.8             | -19      | 232.3                     | 92.87 | 219.0 | 91.30 | 206.4 | 88.27 | 199.3 | 84.13 | 193.2 | 80.31 | 180.5 | 76.51 |
|        | -16.7             | -17      | 232.3                     | 89.52 | 219.0 | 87.91 | 206.4 | 85.03 | 199.3 | 81.01 | 193.2 | 77.44 | 180.5 | 73.69 |
|        | -15               | -15.9    | 232.3                     | 87.16 | 219.0 | 85.52 | 206.4 | 82.69 | 199.3 | 78.82 | 193.2 | 75.37 | 180.5 | 71.69 |
|        | -13.7             | -15      | 232.3                     | 84.79 | 219.0 | 83.11 | 206.4 | 80.36 | 199.3 | 76.63 | 193.2 | 73.27 | 180.5 | 69.68 |
|        | -11.8             | -13      | 232.3                     | 81.79 | 219.0 | 80.10 | 206.4 | 77.44 | 199.3 | 73.80 | 193.2 | 70.66 | 180.5 | 67.18 |
|        | -9.8              | -11      | 232.3                     | 78.64 | 219.0 | 76.88 | 206.4 | 74.36 | 199.3 | 70.89 | 193.2 | 67.94 | 180.5 | 64.50 |
|        | -9.5              | -10      | 232.3                     | 78.17 | 219.0 | 76.38 | 206.4 | 73.89 | 199.3 | 70.43 | 193.2 | 67.52 | 180.5 | 64.11 |
|        | -8.5              | -9.1     | 232.3                     | 76.62 | 219.0 | 74.82 | 206.4 | 72.34 | 199.3 | 68.94 | 193.2 | 66.11 | 180.5 | 62.76 |
|        | -7                | -7.6     | 232.3                     | 74.22 | 219.0 | 72.42 | 206.4 | 70.05 | 199.3 | 66.77 | 193.2 | 64.06 | 180.5 | 60.77 |
|        | -5                | -5.6     | 232.3                     | 71.12 | 219.0 | 69.28 | 206.4 | 66.96 | 199.3 | 63.87 | 193.2 | 61.35 | 180.5 | 58.14 |
|        | -3                | -3.7     | 232.3                     | 68.02 | 219.0 | 66.11 | 206.4 | 63.91 | 199.3 | 60.97 | 193.2 | 58.63 | 180.5 | 55.51 |
|        | 0                 | -0.7     | 232.3                     | 63.35 | 219.0 | 61.38 | 206.4 | 59.35 | 199.3 | 56.61 | 193.2 | 54.58 | 180.5 | 51.57 |
|        | 3                 | 2.2      | 232.3                     | 58.69 | 219.0 | 56.67 | 206.4 | 54.77 | 199.3 | 52.28 | 193.2 | 50.50 | 180.5 | 47.63 |
|        | 5                 | 4.1      | 219.8                     | 51.43 | 206.5 | 49.37 | 193.8 | 47.56 | 186.7 | 45.32 | 180.3 | 43.76 | 167.6 | 41.02 |
|        | 7                 | 6        | 207.2                     | 44.70 | 193.6 | 42.64 | 180.6 | 40.89 | 173.5 | 38.88 | 167.3 | 37.55 | 154.2 | 34.93 |
|        | 9                 | 7.9      | 193.9                     | 36.94 | 180.2 | 35.09 | 167.2 | 33.52 | 160.1 | 31.81 | 153.6 | 30.64 | 140.2 | 28.32 |
|        | 11                | 9.8      | 180.2                     | 31.26 | 166.5 | 29.56 | 153.2 | 28.12 | 146.1 | 26.60 | 139.5 | 25.54 | 126.1 | 23.49 |
|        | 13                | 11.8     | 166.1                     | 26.35 | 152.4 | 24.83 | 139.0 | 23.48 | 131.6 | 22.16 | 125.0 | 21.21 | 111.2 | 19.39 |
|        | 15                | 13.7     | 151.6                     | 22.21 | 137.5 | 20.83 | 124.1 | 19.61 | 116.7 | 18.42 | 109.8 | 17.58 | 95.90 | 15.93 |
| 60     | -30               | -30.2    | 111.8                     | 91.54 | 111.8 | 92.56 | 111.1 | 105.4 | 108.1 | 99.81 | 104.2 | 94.73 | 97.80 | 90.04 |
|        | -24.8             | -25      | 186.4                     | 94.07 | 186.4 | 95.08 | 177.0 | 92.31 | 170.8 | 86.95 | 164.9 | 82.55 | 154.6 | 78.39 |
|        | -21.8             | -22      | 199.3                     | 94.90 | 188.4 | 91.59 | 177.0 | 86.86 | 170.8 | 82.48 | 164.9 | 78.32 | 154.6 | 74.31 |
|        | -19.8             | -20      | 199.3                     | 91.53 | 188.4 | 88.22 | 177.0 | 83.69 | 170.8 | 79.49 | 164.9 | 75.53 | 154.6 | 71.61 |
|        | -18.8             | -19      | 199.3                     | 89.85 | 188.4 | 86.54 | 177.0 | 82.12 | 170.8 | 78.00 | 164.9 | 74.12 | 154.6 | 70.25 |
|        | -16.7             | -17      | 199.3                     | 86.29 | 188.4 | 83.02 | 177.0 | 78.79 | 170.8 | 74.88 | 164.9 | 71.19 | 154.6 | 67.40 |
|        | -15               | -15.9    | 199.3                     | 83.74 | 188.4 | 80.51 | 177.0 | 76.41 | 170.8 | 72.65 | 164.9 | 69.08 | 154.6 | 65.40 |
|        | -13.7             | -15      | 199.3                     | 81.21 | 188.4 | 78.02 | 177.0 | 74.07 | 170.8 | 70.43 | 164.9 | 67.01 | 154.6 | 63.38 |
|        | -11.8             | -13      | 199.3                     | 78.01 | 188.4 | 74.82 | 177.0 | 71.04 | 170.8 | 67.59 | 164.9 | 64.37 | 154.6 | 60.80 |
|        | -9.8              | -11      | 199.3                     | 74.66 | 188.4 | 71.48 | 177.0 | 67.89 | 170.8 | 64.66 | 164.9 | 61.56 | 154.6 | 58.12 |
|        | -9.5              | -10      | 199.3                     | 74.15 | 188.4 | 70.98 | 177.0 | 67.42 | 170.8 | 64.20 | 164.9 | 61.14 | 154.6 | 57.70 |
|        | -8.5              | -9.1     | 199.3                     | 72.48 | 188.4 | 69.30 | 177.0 | 65.86 | 170.8 | 62.72 | 164.9 | 59.74 | 154.6 | 56.34 |
|        | -7                | -7.6     | 199.3                     | 69.95 | 188.4 | 66.82 | 177.0 | 63.49 | 170.8 | 60.51 | 164.9 | 57.68 | 154.6 | 54.32 |
|        | -5                | -5.6     | 199.3                     | 66.59 | 188.4 | 63.49 | 177.0 | 60.36 | 170.8 | 57.60 | 164.9 | 54.92 | 154.6 | 51.68 |
|        | -3                | -3.7     | 199.3                     | 63.29 | 188.4 | 60.19 | 177.0 | 57.22 | 170.8 | 54.66 | 164.9 | 52.16 | 154.6 | 49.00 |
|        | 0                 | -0.7     | 199.3                     | 58.27 | 188.4 | 55.25 | 177.0 | 52.58 | 170.8 | 50.25 | 164.9 | 48.00 | 154.6 | 45.02 |
|        | 3                 | 2.2      | 199.3                     | 53.26 | 188.4 | 50.27 | 177.0 | 47.88 | 170.8 | 45.88 | 164.9 | 43.90 | 154.6 | 41.00 |
|        | 5                 | 4.1      | 188.7                     | 46.33 | 177.8 | 43.43 | 166.1 | 41.26 | 159.9 | 39.53 | 153.9 | 37.75 | 143.6 | 35.05 |
|        | 7                 | 6        | 177.7                     | 39.88 | 166.5 | 37.14 | 155.0 | 35.18 | 148.8 | 33.65 | 142.6 | 32.16 | 131.9 | 29.62 |
|        | 9                 | 7.9      | 166.4                     | 32.69 | 155.1 | 30.30 | 143.3 | 28.57 | 137.1 | 27.28 | 131.2 | 26.02 | 120.2 | 23.82 |
|        | 11                | 9.8      | 154.7                     | 27.78 | 143.3 | 25.70 | 131.6 | 24.14 | 125.3 | 22.98 | 119.1 | 21.87 | 108.0 | 19.90 |
|        | 13                | 11.8     | 142.5                     | 23.60 | 131.2 | 21.71 | 119.1 | 20.31 | 112.8 | 19.29 | 106.6 | 18.31 | 95.10 | 16.58 |
|        | 15                | 13.7     | 130.0                     | 20.04 | 118.3 | 18.38 | 106.2 | 17.07 | 99.90 | 16.20 | 93.60 | 15.30 | 82.20 | 13.79 |
| 50     | -30               | -30.2    | 105.0                     | 79.54 | 99.10 | 91.32 | 93.20 | 86.44 | 90.10 | 81.97 | 87.30 | 77.61 | 81.10 | 73.79 |
|        | -24.8             | -25      | 166.1                     | 77.88 | 156.7 | 79.32 | 147.3 | 75.18 | 142.6 | 71.30 | 137.9 | 67.65 | 128.2 | 64.23 |
|        | -21.8             | -22      | 166.1                     | 79.28 | 156.7 | 75.14 | 147.3 | 71.26 | 142.6 | 67.59 | 137.9 | 64.17 | 128.2 | 60.90 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 166.1                     | 76.36 | 156.7 | 72.33 | 147.3 | 68.64 | 142.6 | 65.09 | 137.9 | 61.86 | 128.2 | 58.65 |
|        | -18.8             | -19      | 166.1                     | 74.88 | 156.7 | 70.93 | 147.3 | 67.32 | 142.6 | 63.90 | 137.9 | 60.70 | 128.2 | 57.55 |
|        | -16.7             | -17      | 166.1                     | 71.83 | 156.7 | 68.00 | 147.3 | 64.63 | 142.6 | 61.29 | 137.9 | 58.31 | 128.2 | 55.21 |
|        | -15               | -15.9    | 166.1                     | 69.65 | 156.7 | 65.90 | 147.3 | 62.64 | 142.6 | 59.43 | 137.9 | 56.59 | 128.2 | 53.57 |
|        | -13.7             | -15      | 166.1                     | 67.47 | 156.7 | 63.84 | 147.3 | 60.69 | 142.6 | 57.60 | 137.9 | 54.85 | 128.2 | 51.90 |
|        | -11.8             | -13      | 166.1                     | 64.75 | 156.7 | 61.19 | 147.3 | 58.22 | 142.6 | 55.24 | 137.9 | 52.67 | 128.2 | 49.80 |
|        | -9.8              | -11      | 166.1                     | 61.84 | 156.7 | 58.41 | 147.3 | 55.62 | 142.6 | 52.75 | 137.9 | 50.35 | 128.2 | 47.56 |
|        | -9.5              | -10      | 166.1                     | 61.38 | 156.7 | 58.01 | 147.3 | 55.23 | 142.6 | 52.40 | 137.9 | 50.03 | 128.2 | 47.25 |
|        | -8.5              | -9.1     | 166.1                     | 59.92 | 156.7 | 56.62 | 147.3 | 53.92 | 142.6 | 51.16 | 137.9 | 48.87 | 128.2 | 46.13 |
|        | -7                | -7.6     | 166.1                     | 57.78 | 156.7 | 54.53 | 147.3 | 51.98 | 142.6 | 49.35 | 137.9 | 47.17 | 128.2 | 44.49 |
|        | -5                | -5.6     | 166.1                     | 54.88 | 156.7 | 51.78 | 147.3 | 49.42 | 142.6 | 46.90 | 137.9 | 44.89 | 128.2 | 42.29 |
|        | -3                | -3.7     | 166.1                     | 52.02 | 156.7 | 49.03 | 147.3 | 46.83 | 142.6 | 44.46 | 137.9 | 42.63 | 128.2 | 40.14 |
|        | 0                 | -0.7     | 166.1                     | 47.73 | 156.7 | 44.88 | 147.3 | 42.97 | 142.6 | 40.79 | 137.9 | 39.23 | 128.2 | 36.83 |
|        | 3                 | 2.2      | 166.1                     | 43.42 | 156.7 | 40.79 | 147.3 | 39.15 | 142.6 | 37.14 | 137.9 | 35.83 | 128.2 | 33.55 |
|        | 5                 | 4.1      | 157.1                     | 37.71 | 147.7 | 35.26 | 138.3 | 33.78 | 133.6 | 32.03 | 128.9 | 30.90 | 118.8 | 28.76 |
|        | 7                 | 6        | 148.1                     | 32.42 | 138.6 | 30.18 | 128.9 | 28.89 | 124.2 | 27.33 | 119.5 | 26.38 | 109.4 | 24.41 |
|        | 9                 | 7.9      | 138.7                     | 26.97 | 128.9 | 25.03 | 119.5 | 23.87 | 114.4 | 22.54 | 109.7 | 21.70 | 99.60 | 19.96 |
|        | 11                | 9.8      | 128.9                     | 23.10 | 119.1 | 21.36 | 109.3 | 20.29 | 104.6 | 19.15 | 99.50 | 18.39 | 89.40 | 16.85 |
|        | 13                | 11.8     | 118.7                     | 19.76 | 108.9 | 18.20 | 99.10 | 17.23 | 94.10 | 16.21 | 89.30 | 15.53 | 78.80 | 14.17 |
|        | 15                | 13.7     | 108.5                     | 16.89 | 98.40 | 15.52 | 88.50 | 14.66 | 83.40 | 13.75 | 78.40 | 13.15 | 68.20 | 11.91 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 7. Capacity Tables

### ARUM960LTE6

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 130    | -30               | -30.2    | 116.8                     | 107.5 | 116.8 | 108.4 | 116.0 | 109.1 | 116.0 | 110.2 | 116.0 | 111.4 | 114.0 | 113.3 |
|        | -24.8             | -25      | 194.8                     | 110.6 | 194.8 | 111.5 | 193.2 | 112.2 | 193.2 | 113.4 | 193.2 | 114.6 | 190.0 | 116.4 |
|        | -21.8             | -22      | 240.0                     | 112.4 | 240.0 | 113.3 | 238.4 | 114.0 | 238.4 | 115.2 | 238.4 | 116.4 | 233.6 | 118.2 |
|        | -19.8             | -20      | 254.8                     | 113.6 | 254.8 | 114.5 | 252.8 | 115.3 | 252.8 | 116.5 | 252.8 | 117.6 | 248.4 | 119.4 |
|        | -18.8             | -19      | 260.8                     | 114.2 | 260.8 | 115.1 | 258.8 | 115.9 | 258.8 | 117.1 | 258.8 | 118.2 | 254.0 | 120.0 |
|        | -16.7             | -17      | 272.8                     | 115.5 | 272.8 | 116.4 | 270.8 | 117.2 | 270.8 | 118.4 | 270.8 | 119.5 | 266.0 | 121.3 |
|        | -15               | -15.9    | 281.2                     | 116.4 | 281.2 | 117.3 | 279.6 | 118.1 | 279.6 | 119.3 | 279.6 | 120.4 | 274.0 | 119.1 |
|        | -13.7             | -15      | 290.0                     | 117.3 | 290.0 | 118.2 | 288.0 | 119.0 | 288.0 | 120.2 | 288.0 | 121.3 | 282.4 | 116.9 |
|        | -11.8             | -13      | 299.2                     | 118.5 | 299.2 | 119.4 | 297.6 | 120.1 | 297.6 | 121.4 | 297.6 | 118.4 | 293.2 | 114.2 |
|        | -9.8              | -11      | 309.2                     | 119.7 | 309.2 | 120.6 | 307.2 | 121.4 | 307.2 | 118.3 | 307.2 | 115.3 | 304.4 | 111.2 |
|        | -9.5              | -10      | 310.8                     | 119.9 | 310.8 | 120.8 | 309.2 | 120.9 | 309.2 | 117.8 | 308.8 | 114.9 | 306.0 | 110.8 |
|        | -8.5              | -9.1     | 316.8                     | 120.5 | 316.8 | 121.4 | 315.2 | 119.3 | 315.2 | 116.2 | 314.0 | 113.3 | 311.6 | 109.3 |
|        | -7                | -7.6     | 326.0                     | 121.4 | 326.0 | 119.1 | 323.6 | 117.0 | 323.6 | 113.9 | 323.6 | 111.0 | 320.0 | 107.2 |
|        | -5                | -5.6     | 338.0                     | 118.5 | 338.0 | 116.0 | 335.6 | 113.8 | 335.6 | 110.8 | 335.6 | 107.9 | 330.8 | 104.2 |
|        | -3                | -3.7     | 350.0                     | 115.5 | 350.0 | 113.0 | 347.6 | 110.6 | 347.6 | 107.6 | 347.6 | 104.8 | 341.2 | 101.0 |
|        | 0                 | -0.7     | 368.0                     | 111.1 | 368.0 | 108.4 | 365.2 | 105.8 | 365.2 | 102.9 | 365.2 | 100.1 | 341.2 | 92.00 |
|        | 3                 | 2.2      | 386.0                     | 106.7 | 386.0 | 103.7 | 383.2 | 101.1 | 380.0 | 97.36 | 366.4 | 91.24 | 341.2 | 87.72 |
|        | 5                 | 4.1      | 388.0                     | 101.0 | 368.0 | 90.72 | 365.2 | 88.08 | 356.0 | 83.32 | 342.0 | 79.64 | 316.8 | 76.80 |
|        | 7                 | 6        | 350.0                     | 81.64 | 345.2 | 77.72 | 340.8 | 75.04 | 330.8 | 71.92 | 317.2 | 69.40 | 291.2 | 66.48 |
|        | 9                 | 7.9      | 326.0                     | 71.32 | 321.6 | 68.16 | 315.2 | 65.24 | 305.2 | 62.88 | 291.2 | 60.48 | 265.2 | 57.52 |
| 120    | 11                | 9.8      | 302.8                     | 63.12 | 296.8 | 60.04 | 289.2 | 57.16 | 278.4 | 54.84 | 264.8 | 52.56 | 238.0 | 49.56 |
|        | 13                | 11.8     | 279.2                     | 55.28 | 271.6 | 52.20 | 262.0 | 49.32 | 250.8 | 47.16 | 236.8 | 45.00 | 210.4 | 42.00 |
|        | 15                | 13.7     | 254.4                     | 47.64 | 245.2 | 44.72 | 233.6 | 41.88 | 222.4 | 39.84 | 208.4 | 37.84 | 181.2 | 34.88 |
|        | -30               | -30.2    | 116.0                     | 108.4 | 116.0 | 109.1 | 115.2 | 110.2 | 115.2 | 111.4 | 115.2 | 113.3 | 113.2 | 114.4 |
|        | -24.8             | -25      | 193.2                     | 111.5 | 193.2 | 112.2 | 192.0 | 113.4 | 192.0 | 114.6 | 192.0 | 116.4 | 188.8 | 117.6 |
|        | -21.8             | -22      | 238.4                     | 113.3 | 238.4 | 114.0 | 236.8 | 115.2 | 236.8 | 116.4 | 236.8 | 118.2 | 232.4 | 119.4 |
|        | -19.8             | -20      | 252.8                     | 114.5 | 252.8 | 115.3 | 251.2 | 116.5 | 251.2 | 117.6 | 251.2 | 119.4 | 246.4 | 120.6 |
|        | -18.8             | -19      | 258.4                     | 115.1 | 258.4 | 115.9 | 256.8 | 117.1 | 256.8 | 118.2 | 256.8 | 120.0 | 252.0 | 121.2 |
|        | -16.7             | -17      | 270.4                     | 116.4 | 270.4 | 117.2 | 268.8 | 118.4 | 268.8 | 119.5 | 268.8 | 121.3 | 263.6 | 118.4 |
|        | -15               | -15.9    | 279.2                     | 117.3 | 279.2 | 118.1 | 277.2 | 119.3 | 277.2 | 120.4 | 277.2 | 119.2 | 272.0 | 116.4 |
|        | -13.7             | -15      | 287.6                     | 118.2 | 287.6 | 119.0 | 286.0 | 120.2 | 286.0 | 121.3 | 286.0 | 117.1 | 280.4 | 114.4 |
|        | -11.8             | -13      | 297.2                     | 119.4 | 297.2 | 120.1 | 295.2 | 121.4 | 295.2 | 118.4 | 295.2 | 114.4 | 291.2 | 111.9 |
|        | -9.8              | -11      | 306.8                     | 120.6 | 306.8 | 121.4 | 305.2 | 118.1 | 305.2 | 115.2 | 305.2 | 111.7 | 302.4 | 109.2 |
|        | -9.5              | -10      | 308.8                     | 120.8 | 308.8 | 120.8 | 306.8 | 117.6 | 306.8 | 114.8 | 306.8 | 111.2 | 304.0 | 108.8 |
|        | -8.5              | -9.1     | 314.8                     | 121.4 | 314.8 | 119.1 | 312.4 | 116.0 | 312.4 | 113.2 | 312.4 | 109.9 | 309.2 | 107.5 |
|        | -7                | -7.6     | 323.6                     | 118.8 | 323.6 | 116.6 | 321.6 | 113.6 | 321.6 | 110.9 | 321.6 | 107.8 | 317.6 | 105.5 |
|        | -5                | -5.6     | 335.6                     | 115.4 | 335.6 | 113.1 | 333.6 | 110.3 | 333.6 | 107.8 | 333.6 | 105.0 | 320.4 | 100.2 |
|        | -3                | -3.7     | 347.2                     | 112.0 | 347.2 | 109.7 | 345.2 | 107.0 | 345.2 | 104.6 | 344.8 | 102.1 | 320.4 | 94.92 |
|        | 0                 | -0.7     | 365.2                     | 107.0 | 365.2 | 104.6 | 362.8 | 102.1 | 356.0 | 98.04 | 344.8 | 93.12 | 320.4 | 91.08 |
| 110    | 3                 | 2.2      | 382.8                     | 101.9 | 382.8 | 99.40 | 368.0 | 94.00 | 356.0 | 90.36 | 344.8 | 88.92 | 320.4 | 87.24 |
|        | 5                 | 4.1      | 366.8                     | 89.12 | 361.6 | 85.60 | 345.6 | 81.52 | 333.2 | 79.72 | 322.0 | 78.52 | 297.2 | 76.68 |
|        | 7                 | 6        | 345.6                     | 76.40 | 339.2 | 73.44 | 322.0 | 71.40 | 310.0 | 69.64 | 298.4 | 68.68 | 273.6 | 66.64 |
|        | 9                 | 7.9      | 323.6                     | 67.28 | 316.0 | 64.68 | 298.0 | 62.52 | 286.0 | 60.84 | 274.0 | 59.80 | 249.2 | 57.60 |
|        | 11                | 9.8      | 300.8                     | 59.48 | 291.6 | 56.88 | 273.2 | 54.64 | 260.8 | 53.04 | 249.2 | 51.88 | 223.6 | 49.56 |
|        | 13                | 11.8     | 277.2                     | 51.96 | 266.8 | 49.40 | 247.6 | 47.16 | 235.2 | 45.56 | 223.2 | 44.40 | 197.2 | 42.00 |
|        | 15                | 13.7     | 252.8                     | 44.76 | 240.8 | 42.24 | 221.2 | 40.00 | 208.4 | 38.48 | 196.0 | 37.28 | 170.0 | 34.88 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 110    | -30               | -30.2    | 115.6                     | 109.1 | 115.6 | 110.2 | 114.8 | 111.4 | 114.8 | 113.3 | 114.8 | 114.4 | 112.4 | 115.1 |
|        | -24.8             | -25      | 192.4                     | 112.2 | 192.4 | 113.4 | 191.2 | 114.6 | 191.2 | 116.4 | 191.2 | 117.6 | 187.2 | 118.2 |
|        | -21.8             | -22      | 237.2                     | 114.0 | 237.2 | 115.2 | 235.2 | 116.4 | 235.2 | 118.2 | 235.2 | 119.4 | 231.2 | 120.0 |
|        | -19.8             | -20      | 251.6                     | 115.3 | 251.6 | 116.5 | 250.0 | 117.6 | 250.0 | 119.4 | 250.0 | 120.6 | 245.2 | 121.2 |
|        | -18.8             | -19      | 257.2                     | 115.9 | 257.2 | 117.1 | 255.6 | 118.2 | 255.6 | 120.0 | 255.6 | 121.2 | 250.8 | 119.8 |
|        | -16.7             | -17      | 269.2                     | 117.2 | 269.2 | 118.4 | 267.6 | 119.5 | 267.6 | 121.3 | 267.6 | 118.2 | 262.4 | 116.6 |
|        | -15               | -15.9    | 277.6                     | 118.1 | 277.6 | 119.3 | 276.0 | 120.4 | 276.0 | 119.0 | 276.0 | 116.0 | 273.2 | 114.4 |
|        | -13.7             | -15      | 286.0                     | 119.0 | 286.0 | 120.2 | 284.4 | 121.3 | 284.4 | 116.7 | 284.4 | 113.8 | 284.4 | 112.1 |
|        | -11.8             | -13      | 295.2                     | 120.1 | 295.2 | 121.4 | 293.6 | 118.1 | 293.6 | 113.7 | 293.6 | 111.0 | 288.4 | 107.3 |
|        | -9.8              | -11      | 305.2                     | 121.4 | 305.2 | 117.7 | 303.6 | 114.6 | 303.6 | 110.6 | 303.6 | 108.2 | 288.4 | 101.4 |
|        | -9.5              | -10      | 306.8                     | 120.8 | 306.8 | 117.1 | 305.2 | 114.1 | 305.2 | 110.2 | 305.2 | 107.7 | 288.4 | 100.4 |
|        | -8.5              | -9.1     | 312.8                     | 118.8 | 312.8 | 115.3 | 311.2 | 112.4 | 311.2 | 108.6 | 308.8 | 105.4 | 288.4 | 98.96 |
|        | -7                | -7.6     | 322.0                     | 115.8 | 322.0 | 112.5 | 320.0 | 109.8 | 319.6 | 106.3 | 308.8 | 100.4 | 288.4 | 96.84 |
|        | -5                | -5.6     | 333.6                     | 111.8 | 333.6 | 108.8 | 330.4 | 106.0 | 319.6 | 99.60 | 308.8 | 95.96 | 288.4 | 93.96 |
|        | -3                | -3.7     | 345.6                     | 107.8 | 345.6 | 105.1 | 330.4 | 98.96 | 319.6 | 94.96 | 308.8 | 93.12 | 288.4 | 91.08 |
|        | 0                 | -0.7     | 363.2                     | 101.8 | 352.4 | 96.56 | 330.4 | 92.72 | 319.6 | 90.56 | 308.8 | 88.96 | 288.4 | 86.80 |
|        | 3                 | 2.2      | 372.8                     | 93.84 | 352.4 | 89.16 | 330.4 | 87.76 | 319.6 | 86.12 | 308.8 | 84.76 | 288.4 | 82.44 |
|        | 5                 | 4.1      | 352.8                     | 80.40 | 332.4 | 78.72 | 310.0 | 77.36 | 299.2 | 75.96 | 288.4 | 74.68 | 267.6 | 72.16 |
|        | 7                 | 6        | 332.4                     | 70.44 | 311.6 | 68.88 | 289.2 | 67.52 | 278.4 | 66.36 | 267.2 | 65.20 | 246.4 | 62.44 |
|        | 9                 | 7.9      | 311.2                     | 62.12 | 290.0 | 60.48 | 267.6 | 58.96 | 256.8 | 57.80 | 245.6 | 56.60 | 224.0 | 53.84 |
|        | 11                | 9.8      | 289.2                     | 54.76 | 268.0 | 53.00 | 245.6 | 51.40 | 234.4 | 50.20 | 223.2 | 48.96 | 201.2 | 46.24 |
|        | 13                | 11.8     | 266.8                     | 47.60 | 245.2 | 45.84 | 222.4 | 44.16 | 211.2 | 43.00 | 199.6 | 41.76 | 177.6 | 39.04 |
|        | 15                | 13.7     | 243.2                     | 40.84 | 221.2 | 39.08 | 198.4 | 37.36 | 187.2 | 36.20 | 175.6 | 35.00 | 153.2 | 32.36 |
| 100    | -30               | -30.2    | 114.8                     | 125.7 | 114.8 | 125.3 | 114.4 | 109.4 | 114.4 | 124.2 | 114.4 | 120.7 | 112.0 | 123.5 |
|        | -24.8             | -25      | 191.6                     | 124.6 | 191.6 | 124.2 | 190.4 | 115.8 | 190.4 | 123.0 | 190.4 | 122.6 | 186.4 | 122.4 |
|        | -21.8             | -22      | 235.6                     | 123.9 | 235.6 | 123.5 | 234.4 | 119.5 | 234.4 | 122.4 | 234.4 | 123.6 | 229.6 | 121.7 |
|        | -19.8             | -20      | 250.4                     | 123.5 | 250.4 | 123.0 | 249.2 | 121.8 | 249.2 | 122.0 | 249.2 | 122.1 | 244.4 | 121.2 |
|        | -18.8             | -19      | 256.0                     | 123.3 | 254.8 | 122.8 | 254.8 | 122.4 | 254.8 | 121.7 | 254.8 | 121.2 | 249.6 | 119.4 |
|        | -16.7             | -17      | 266.4                     | 122.9 | 266.4 | 122.4 | 266.4 | 123.7 | 264.8 | 121.3 | 264.8 | 117.4 | 260.0 | 115.5 |
|        | -15               | -15.9    | 275.6                     | 122.6 | 275.6 | 122.1 | 274.4 | 122.5 | 274.0 | 118.5 | 274.0 | 114.7 | 263.6 | 110.5 |
|        | -13.7             | -15      | 284.8                     | 122.2 | 284.8 | 121.8 | 282.8 | 121.3 | 282.8 | 115.8 | 282.8 | 111.9 | 263.6 | 104.3 |
|        | -11.8             | -13      | 294.0                     | 121.8 | 292.4 | 121.4 | 292.4 | 117.6 | 292.4 | 112.2 | 282.8 | 104.9 | 263.6 | 101.0 |
|        | -9.8              | -11      | 303.6                     | 121.4 | 303.6 | 117.2 | 302.4 | 113.8 | 292.4 | 105.1 | 282.8 | 99.52 | 263.6 | 97.44 |
|        | -9.5              | -10      | 305.2                     | 120.7 | 305.2 | 116.6 | 302.4 | 112.6 | 292.4 | 104.0 | 282.8 | 99.00 | 263.6 | 96.88 |
|        | -8.5              | -9.1     | 311.2                     | 118.6 | 311.2 | 114.5 | 302.4 | 108.4 | 292.4 | 100.8 | 282.8 | 97.28 | 263.6 | 95.12 |
|        | -7                | -7.6     | 325.6                     | 115.4 | 321.6 | 110.6 | 302.4 | 102.8 | 292.4 | 98.16 | 282.8 | 94.68 | 263.6 | 92.48 |
|        | -5                | -5.6     | 339.6                     | 111.0 | 321.6 | 102.7 | 302.4 | 99.08 | 292.4 | 94.60 | 282.8 | 91.20 | 263.6 | 88.92 |
|        | -3                | -3.7     | 340.8                     | 104.1 | 321.6 | 97.88 | 302.4 | 95.36 | 292.4 | 91.08 | 282.8 | 87.72 | 263.6 | 85.36 |
|        | 0                 | -0.7     | 340.8                     | 95.08 | 321.6 | 91.96 | 302.4 | 89.80 | 292.4 | 85.80 | 282.8 | 82.48 | 263.6 | 80.04 |
|        | 3                 | 2.2      | 340.8                     | 88.92 | 321.6 | 86.04 | 302.4 | 84.24 | 292.4 | 80.52 | 282.8 | 77.28 | 263.6 | 74.72 |
|        | 5                 | 4.1      | 322.8                     | 78.32 | 303.2 | 75.56 | 284.0 | 73.80 | 273.6 | 70.48 | 264.0 | 67.32 | 244.8 | 64.60 |
|        | 7                 | 6        | 304.0                     | 68.36 | 284.4 | 65.72 | 264.8 | 64.08 | 254.4 | 61.00 | 244.8 | 58.08 | 225.2 | 55.24 |
|        | 9                 | 7.9      | 284.4                     | 60.08 | 264.8 | 57.52 | 245.2 | 55.76 | 234.8 | 52.96 | 224.8 | 50.28 | 204.8 | 47.48 |
|        | 11                | 9.8      | 264.4                     | 52.76 | 244.4 | 50.28 | 224.8 | 48.48 | 214.4 | 45.88 | 204.4 | 43.40 | 184.0 | 40.68 |
|        | 13                | 11.8     | 243.6                     | 45.80 | 223.6 | 43.36 | 203.6 | 41.56 | 193.2 | 39.20 | 182.8 | 36.92 | 162.4 | 34.28 |
|        | 15                | 13.7     | 222.4                     | 39.16 | 202.0 | 36.88 | 181.6 | 35.08 | 171.2 | 32.92 | 160.8 | 30.92 | 140.0 | 28.36 |
| 90     | -30               | -30.2    | 114.4                     | 107.7 | 114.4 | 109.4 | 113.6 | 110.7 | 113.6 | 111.2 | 113.6 | 112.4 | 111.6 | 126.0 |



## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 90     | -24.8             | -25      | 190.8                     | 110.8 | 190.8 | 112.6 | 189.6 | 113.8 | 189.6 | 114.4 | 189.6 | 115.6 | 186.0 | 117.4 |
|        | -21.8             | -22      | 234.8                     | 112.6 | 234.8 | 114.4 | 233.6 | 115.6 | 233.6 | 116.2 | 233.6 | 117.4 | 228.8 | 112.5 |
|        | -19.8             | -20      | 249.6                     | 113.8 | 249.6 | 115.6 | 248.0 | 116.9 | 248.0 | 117.5 | 248.0 | 114.1 | 240.8 | 108.2 |
|        | -18.8             | -19      | 256.0                     | 114.4 | 254.8 | 116.2 | 253.2 | 117.5 | 253.2 | 115.8 | 253.2 | 112.4 | 240.8 | 104.2 |
|        | -16.7             | -17      | 266.4                     | 115.7 | 266.4 | 117.5 | 265.2 | 113.9 | 265.2 | 112.1 | 259.6 | 106.5 | 240.8 | 98.80 |
|        | -15               | -15.9    | 275.6                     | 116.6 | 275.6 | 114.9 | 273.6 | 111.4 | 268.0 | 107.3 | 259.6 | 102.4 | 240.8 | 96.44 |
|        | -13.7             | -15      | 284.8                     | 117.6 | 284.8 | 112.2 | 276.8 | 106.7 | 268.0 | 101.6 | 259.6 | 98.52 | 240.8 | 94.12 |
|        | -11.8             | -13      | 294.0                     | 113.9 | 292.4 | 108.9 | 276.8 | 100.3 | 268.0 | 98.36 | 259.6 | 95.52 | 240.8 | 91.12 |
|        | -9.8              | -11      | 303.6                     | 110.1 | 293.6 | 101.9 | 276.8 | 96.96 | 268.0 | 95.04 | 259.6 | 92.32 | 240.8 | 88.00 |
|        | -9.5              | -10      | 305.2                     | 109.5 | 293.6 | 100.8 | 276.8 | 96.48 | 268.0 | 94.56 | 259.6 | 91.80 | 240.8 | 87.52 |
|        | -8.5              | -9.1     | 311.2                     | 107.6 | 293.6 | 97.88 | 276.8 | 94.84 | 268.0 | 92.92 | 259.6 | 90.24 | 240.8 | 85.96 |
|        | -7                | -7.6     | 312.0                     | 100.4 | 293.6 | 95.24 | 276.8 | 92.44 | 268.0 | 90.44 | 259.6 | 87.84 | 240.8 | 83.60 |
|        | -5                | -5.6     | 312.0                     | 95.76 | 293.6 | 91.88 | 276.8 | 89.20 | 268.0 | 87.16 | 259.6 | 84.64 | 240.8 | 80.48 |
|        | -3                | -3.7     | 312.0                     | 92.12 | 293.6 | 88.52 | 276.8 | 85.96 | 268.0 | 83.84 | 259.6 | 81.40 | 240.8 | 77.36 |
|        | 0                 | -0.7     | 312.0                     | 86.68 | 293.6 | 83.44 | 276.8 | 81.08 | 268.0 | 78.88 | 259.6 | 76.56 | 240.8 | 72.64 |
|        | 3                 | 2.2      | 312.0                     | 81.20 | 293.6 | 78.36 | 276.8 | 76.20 | 268.0 | 73.96 | 259.6 | 71.76 | 240.8 | 67.88 |
|        | 5                 | 4.1      | 295.2                     | 71.68 | 276.8 | 69.08 | 260.0 | 66.96 | 250.8 | 64.68 | 242.4 | 62.60 | 223.6 | 58.84 |
|        | 7                 | 6        | 278.0                     | 62.76 | 259.6 | 60.40 | 242.4 | 58.28 | 233.2 | 56.08 | 224.8 | 54.16 | 205.6 | 50.48 |
|        | 9                 | 7.9      | 260.4                     | 54.56 | 241.6 | 52.28 | 224.4 | 50.24 | 215.2 | 48.20 | 206.4 | 46.40 | 187.2 | 43.00 |
|        | 11                | 9.8      | 242.0                     | 47.00 | 223.2 | 44.80 | 205.6 | 42.80 | 196.4 | 40.92 | 187.6 | 39.28 | 168.0 | 36.12 |
|        | 13                | 11.8     | 223.2                     | 39.96 | 204.4 | 37.92 | 186.4 | 36.04 | 176.8 | 34.32 | 168.0 | 32.80 | 148.4 | 29.92 |
|        | 15                | 13.7     | 203.6                     | 33.56 | 184.4 | 31.68 | 166.4 | 29.84 | 156.8 | 28.36 | 147.6 | 26.96 | 128.0 | 24.36 |
| 80     | -30               | -30.2    | 114.0                     | 94.48 | 114.0 | 96.36 | 113.2 | 97.64 | 113.2 | 96.12 | 113.2 | 111.8 | 111.2 | 107.2 |
|        | -24.8             | -25      | 190.0                     | 97.68 | 190.0 | 99.48 | 188.8 | 100.8 | 188.8 | 101.4 | 188.8 | 104.3 | 185.2 | 99.96 |
|        | -21.8             | -22      | 232.4                     | 99.52 | 232.4 | 101.3 | 232.4 | 102.6 | 232.4 | 104.4 | 231.6 | 99.60 | 215.2 | 90.88 |
|        | -19.8             | -20      | 246.8                     | 100.7 | 246.8 | 102.5 | 246.8 | 104.4 | 240.0 | 98.48 | 231.6 | 92.12 | 215.2 | 88.20 |
|        | -18.8             | -19      | 252.4                     | 101.3 | 252.4 | 104.4 | 247.2 | 100.7 | 240.0 | 94.84 | 231.6 | 90.72 | 215.2 | 86.92 |
|        | -16.7             | -17      | 260.8                     | 104.4 | 260.8 | 101.2 | 247.2 | 94.48 | 240.0 | 91.60 | 231.6 | 87.88 | 215.2 | 84.16 |
|        | -15               | -15.9    | 266.8                     | 102.0 | 263.6 | 98.76 | 247.2 | 92.28 | 240.0 | 89.44 | 231.6 | 85.80 | 215.2 | 82.16 |
|        | -13.7             | -15      | 272.8                     | 99.64 | 263.6 | 95.28 | 247.2 | 90.08 | 240.0 | 87.24 | 231.6 | 83.72 | 215.2 | 80.16 |
|        | -11.8             | -13      | 279.2                     | 96.60 | 263.6 | 91.08 | 247.2 | 87.28 | 240.0 | 84.48 | 231.6 | 81.12 | 215.2 | 77.64 |
|        | -9.8              | -11      | 279.6                     | 91.16 | 263.6 | 86.88 | 247.2 | 84.32 | 240.0 | 81.56 | 231.6 | 78.32 | 215.2 | 74.96 |
|        | -9.5              | -10      | 279.6                     | 90.00 | 263.6 | 85.88 | 247.2 | 83.88 | 240.0 | 81.12 | 231.6 | 77.92 | 215.2 | 74.60 |
|        | -8.5              | -9.1     | 279.6                     | 87.56 | 263.6 | 84.00 | 247.2 | 82.40 | 240.0 | 79.68 | 231.6 | 76.60 | 215.2 | 73.28 |
|        | -7                | -7.6     | 279.6                     | 84.40 | 263.6 | 81.80 | 247.2 | 80.20 | 240.0 | 77.48 | 231.6 | 74.52 | 215.2 | 71.28 |
|        | -5                | -5.6     | 279.6                     | 81.36 | 263.6 | 78.88 | 247.2 | 77.20 | 240.0 | 74.56 | 231.6 | 71.72 | 215.2 | 68.60 |
|        | -3                | -3.7     | 279.6                     | 78.32 | 263.6 | 75.92 | 247.2 | 74.24 | 240.0 | 71.64 | 231.6 | 68.96 | 215.2 | 65.92 |
|        | 0                 | -0.7     | 279.6                     | 73.72 | 263.6 | 71.56 | 247.2 | 69.84 | 240.0 | 67.24 | 231.6 | 64.80 | 215.2 | 61.96 |
|        | 3                 | 2.2      | 279.6                     | 69.16 | 263.6 | 67.12 | 247.2 | 65.36 | 240.0 | 62.80 | 231.6 | 60.64 | 215.2 | 57.92 |
|        | 5                 | 4.1      | 264.8                     | 61.20 | 248.4 | 59.20 | 232.0 | 57.36 | 224.8 | 54.92 | 216.4 | 52.92 | 199.6 | 50.32 |
|        | 7                 | 6        | 249.2                     | 53.68 | 233.2 | 51.76 | 216.4 | 49.84 | 208.8 | 47.60 | 200.4 | 45.80 | 183.6 | 43.28 |
|        | 9                 | 7.9      | 233.2                     | 46.08 | 217.2 | 44.28 | 200.4 | 42.40 | 192.8 | 40.36 | 184.0 | 38.76 | 167.2 | 36.40 |
|        | 11                | 9.8      | 216.8                     | 38.76 | 200.4 | 37.08 | 183.6 | 35.36 | 176.0 | 33.56 | 167.2 | 32.12 | 150.4 | 29.96 |
|        | 13                | 11.8     | 200.0                     | 32.56 | 183.2 | 30.96 | 166.4 | 29.40 | 158.4 | 27.80 | 149.6 | 26.48 | 132.4 | 24.52 |
|        | 15                | 13.7     | 182.4                     | 27.28 | 165.6 | 25.80 | 148.4 | 24.32 | 140.4 | 22.92 | 131.6 | 21.76 | 114.4 | 19.96 |
| 70     | -30               | -30.2    | 114.0                     | 95.28 | 114.0 | 95.88 | 113.2 | 97.08 | 113.2 | 110.4 | 113.2 | 105.0 | 111.2 | 100.2 |
|        | -24.8             | -25      | 190.0                     | 98.48 | 190.0 | 99.08 | 188.8 | 100.3 | 188.8 | 102.1 | 188.8 | 97.32 | 184.4 | 92.36 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 70     | -21.8             | -22      | 223.2                     | 100.3 | 223.2 | 100.9 | 210.8 | 96.92 | 203.6 | 92.36 | 197.2 | 88.08 | 184.4 | 84.00 |
|        | -19.8             | -20      | 237.2                     | 98.04 | 223.6 | 96.92 | 210.8 | 93.72 | 203.6 | 89.36 | 197.2 | 85.28 | 184.4 | 81.24 |
|        | -18.8             | -19      | 237.2                     | 96.96 | 223.6 | 95.32 | 210.8 | 92.16 | 203.6 | 87.84 | 197.2 | 83.84 | 184.4 | 79.88 |
|        | -16.7             | -17      | 237.2                     | 93.52 | 223.6 | 91.84 | 210.8 | 88.84 | 203.6 | 84.64 | 197.2 | 80.92 | 184.4 | 77.00 |
|        | -15               | -15.9    | 237.2                     | 91.12 | 223.6 | 89.40 | 210.8 | 86.44 | 203.6 | 82.40 | 197.2 | 78.80 | 184.4 | 74.96 |
|        | -13.7             | -15      | 237.2                     | 88.68 | 223.6 | 86.92 | 210.8 | 84.04 | 203.6 | 80.16 | 197.2 | 76.64 | 184.4 | 72.88 |
|        | -11.8             | -13      | 237.2                     | 85.60 | 223.6 | 83.84 | 210.8 | 81.04 | 203.6 | 77.24 | 197.2 | 73.96 | 184.4 | 70.32 |
|        | -9.8              | -11      | 237.2                     | 82.36 | 223.6 | 80.52 | 210.8 | 77.88 | 203.6 | 74.24 | 197.2 | 71.16 | 184.4 | 67.56 |
|        | -9.5              | -10      | 237.2                     | 81.88 | 223.6 | 80.00 | 210.8 | 77.40 | 203.6 | 73.76 | 197.2 | 70.72 | 184.4 | 67.16 |
|        | -8.5              | -9.1     | 237.2                     | 80.28 | 223.6 | 78.40 | 210.8 | 75.80 | 203.6 | 72.24 | 197.2 | 69.28 | 184.4 | 65.76 |
|        | -7                | -7.6     | 237.2                     | 77.80 | 223.6 | 75.92 | 210.8 | 73.44 | 203.6 | 70.00 | 197.2 | 67.16 | 184.4 | 63.72 |
|        | -5                | -5.6     | 237.2                     | 74.56 | 223.6 | 72.64 | 210.8 | 70.20 | 203.6 | 66.96 | 197.2 | 64.32 | 184.4 | 60.96 |
|        | -3                | -3.7     | 237.2                     | 71.32 | 223.6 | 69.32 | 210.8 | 67.00 | 203.6 | 63.92 | 197.2 | 61.48 | 184.4 | 58.20 |
|        | 0                 | -0.7     | 237.2                     | 66.44 | 223.6 | 64.36 | 210.8 | 62.24 | 203.6 | 59.36 | 197.2 | 57.24 | 184.4 | 54.08 |
|        | 3                 | 2.2      | 237.2                     | 61.56 | 223.6 | 59.44 | 210.8 | 57.44 | 203.6 | 54.84 | 197.2 | 52.96 | 184.4 | 49.96 |
|        | 5                 | 4.1      | 224.4                     | 54.00 | 210.8 | 51.84 | 198.0 | 49.96 | 190.8 | 47.60 | 184.0 | 45.96 | 171.2 | 43.08 |
|        | 7                 | 6        | 211.6                     | 47.00 | 197.6 | 44.84 | 184.4 | 43.00 | 177.2 | 40.88 | 170.8 | 39.48 | 157.6 | 36.72 |
|        | 9                 | 7.9      | 198.0                     | 38.88 | 184.0 | 36.92 | 170.8 | 35.28 | 163.6 | 33.48 | 156.8 | 32.24 | 143.2 | 29.80 |
|        | 11                | 9.8      | 184.0                     | 32.92 | 170.0 | 31.12 | 156.4 | 29.60 | 149.2 | 28.00 | 142.4 | 26.88 | 128.8 | 24.72 |
|        | 13                | 11.8     | 169.6                     | 27.76 | 155.6 | 26.16 | 142.0 | 24.72 | 134.4 | 23.32 | 127.6 | 22.32 | 113.6 | 20.40 |
|        | 15                | 13.7     | 154.8                     | 23.40 | 140.4 | 21.92 | 126.8 | 20.64 | 119.2 | 19.36 | 112.0 | 18.48 | 98.00 | 16.72 |
| 60     | -30               | -30.2    | 114.0                     | 94.28 | 114.0 | 95.48 | 113.2 | 109.4 | 110.4 | 103.6 | 106.4 | 98.36 | 100.0 | 93.52 |
|        | -24.8             | -25      | 190.0                     | 97.48 | 190.0 | 98.68 | 180.8 | 96.24 | 174.4 | 90.48 | 168.4 | 85.92 | 158.0 | 81.60 |
|        | -21.8             | -22      | 203.6                     | 98.76 | 192.4 | 95.40 | 180.8 | 90.48 | 174.4 | 85.92 | 168.4 | 81.60 | 158.0 | 77.44 |
|        | -19.8             | -20      | 203.6                     | 95.40 | 192.4 | 91.96 | 180.8 | 87.24 | 174.4 | 82.88 | 168.4 | 78.76 | 158.0 | 74.68 |
|        | -18.8             | -19      | 203.6                     | 93.68 | 192.4 | 90.24 | 180.8 | 85.64 | 174.4 | 81.36 | 168.4 | 77.32 | 158.0 | 73.28 |
|        | -16.7             | -17      | 203.6                     | 90.04 | 192.4 | 86.64 | 180.8 | 82.24 | 174.4 | 78.16 | 168.4 | 74.32 | 158.0 | 70.36 |
|        | -15               | -15.9    | 203.6                     | 87.44 | 192.4 | 84.08 | 180.8 | 79.80 | 174.4 | 75.88 | 168.4 | 72.16 | 158.0 | 68.32 |
|        | -13.7             | -15      | 203.6                     | 84.84 | 192.4 | 81.52 | 180.8 | 77.40 | 174.4 | 73.60 | 168.4 | 70.04 | 158.0 | 66.24 |
|        | -11.8             | -13      | 203.6                     | 81.56 | 192.4 | 78.24 | 180.8 | 74.28 | 174.4 | 70.68 | 168.4 | 67.32 | 158.0 | 63.60 |
|        | -9.8              | -11      | 203.6                     | 78.12 | 192.4 | 74.80 | 180.8 | 71.04 | 174.4 | 67.68 | 168.4 | 64.44 | 158.0 | 60.84 |
|        | -9.5              | -10      | 203.6                     | 77.60 | 192.4 | 74.28 | 180.8 | 70.56 | 174.4 | 67.20 | 168.4 | 64.00 | 158.0 | 60.40 |
|        | -8.5              | -9.1     | 203.6                     | 75.88 | 192.4 | 72.56 | 180.8 | 68.96 | 174.4 | 65.68 | 168.4 | 62.56 | 158.0 | 59.00 |
|        | -7                | -7.6     | 203.6                     | 73.28 | 192.4 | 70.00 | 180.8 | 66.52 | 174.4 | 63.40 | 168.4 | 60.44 | 158.0 | 56.92 |
|        | -5                | -5.6     | 203.6                     | 69.76 | 192.4 | 66.52 | 180.8 | 63.24 | 174.4 | 60.36 | 168.4 | 57.56 | 158.0 | 54.16 |
|        | -3                | -3.7     | 203.6                     | 66.32 | 192.4 | 63.08 | 180.8 | 59.96 | 174.4 | 57.28 | 168.4 | 54.68 | 158.0 | 51.36 |
|        | 0                 | -0.7     | 203.6                     | 61.08 | 192.4 | 57.92 | 180.8 | 55.12 | 174.4 | 52.68 | 168.4 | 50.32 | 158.0 | 47.20 |
|        | 3                 | 2.2      | 203.6                     | 55.84 | 192.4 | 52.72 | 180.8 | 50.20 | 174.4 | 48.12 | 168.4 | 46.04 | 158.0 | 43.00 |
|        | 5                 | 4.1      | 192.8                     | 48.64 | 181.6 | 45.60 | 169.6 | 43.32 | 163.2 | 41.52 | 157.2 | 39.64 | 146.8 | 36.80 |
|        | 7                 | 6        | 181.6                     | 41.92 | 170.0 | 39.04 | 158.4 | 37.00 | 152.0 | 35.36 | 145.6 | 33.80 | 134.8 | 31.12 |
|        | 9                 | 7.9      | 170.0                     | 34.40 | 158.4 | 31.88 | 146.4 | 30.04 | 140.0 | 28.68 | 134.0 | 27.36 | 122.8 | 25.04 |
|        | 11                | 9.8      | 158.0                     | 29.24 | 146.4 | 27.04 | 134.4 | 25.40 | 128.0 | 24.16 | 121.6 | 23.00 | 110.4 | 20.92 |
|        | 13                | 11.8     | 145.6                     | 24.84 | 134.0 | 22.84 | 121.6 | 21.36 | 115.2 | 20.28 | 108.8 | 19.24 | 97.20 | 17.40 |
|        | 15                | 13.7     | 132.8                     | 21.08 | 120.8 | 19.32 | 108.4 | 17.92 | 102.0 | 17.00 | 95.60 | 16.04 | 84.00 | 14.44 |
| 50     | -30               | -30.2    | 107.2                     | 82.12 | 101.2 | 95.00 | 95.20 | 89.92 | 92.00 | 85.28 | 89.20 | 80.72 | 82.80 | 76.76 |
|        | -24.8             | -25      | 169.6                     | 80.96 | 160.0 | 82.68 | 150.4 | 78.36 | 145.6 | 74.32 | 140.8 | 70.52 | 130.8 | 66.96 |
|        | -21.8             | -22      | 169.6                     | 82.72 | 160.0 | 78.40 | 150.4 | 74.36 | 145.6 | 70.52 | 140.8 | 66.96 | 130.8 | 63.56 |

## 7. Capacity Tables

| Combi. | Outdoor Air Temp. |          | Indoor Air Temp. (°C, DB) |       |       |       |       |       |       |       |       |       |       |       |
|--------|-------------------|----------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|        |                   |          | 16.0                      |       | 18.0  |       | 20.0  |       | 21.0  |       | 22.0  |       | 24.0  |       |
|        | (°C, DB)          | (°C, WB) | TC                        | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    | TC    | PI    |
| 50     | -19.8             | -20      | 169.6                     | 79.72 | 160.0 | 75.52 | 150.4 | 71.68 | 145.6 | 67.96 | 140.8 | 64.60 | 130.8 | 61.24 |
|        | -18.8             | -19      | 169.6                     | 78.20 | 160.0 | 74.08 | 150.4 | 70.32 | 145.6 | 66.76 | 140.8 | 63.40 | 130.8 | 60.12 |
|        | -16.7             | -17      | 169.6                     | 75.08 | 160.0 | 71.08 | 150.4 | 67.56 | 145.6 | 64.08 | 140.8 | 60.96 | 130.8 | 57.72 |
|        | -15               | -15.9    | 169.6                     | 72.84 | 160.0 | 68.92 | 150.4 | 65.52 | 145.6 | 62.16 | 140.8 | 59.20 | 130.8 | 56.04 |
|        | -13.7             | -15      | 169.6                     | 70.60 | 160.0 | 66.80 | 150.4 | 63.52 | 145.6 | 60.28 | 140.8 | 57.40 | 130.8 | 54.32 |
|        | -11.8             | -13      | 169.6                     | 67.80 | 160.0 | 64.08 | 150.4 | 60.96 | 145.6 | 57.84 | 140.8 | 55.16 | 130.8 | 52.16 |
|        | -9.8              | -11      | 169.6                     | 64.80 | 160.0 | 61.20 | 150.4 | 58.28 | 145.6 | 55.28 | 140.8 | 52.76 | 130.8 | 49.84 |
|        | -9.5              | -10      | 169.6                     | 64.32 | 160.0 | 60.80 | 150.4 | 57.88 | 145.6 | 54.92 | 140.8 | 52.44 | 130.8 | 49.52 |
|        | -8.5              | -9.1     | 169.6                     | 62.80 | 160.0 | 59.36 | 150.4 | 56.52 | 145.6 | 53.64 | 140.8 | 51.24 | 130.8 | 48.36 |
|        | -7                | -7.6     | 169.6                     | 60.60 | 160.0 | 57.20 | 150.4 | 54.52 | 145.6 | 51.76 | 140.8 | 49.48 | 130.8 | 46.68 |
|        | -5                | -5.6     | 169.6                     | 57.56 | 160.0 | 54.32 | 150.4 | 51.84 | 145.6 | 49.20 | 140.8 | 47.08 | 130.8 | 44.36 |
|        | -3                | -3.7     | 169.6                     | 54.56 | 160.0 | 51.44 | 150.4 | 49.12 | 145.6 | 46.64 | 140.8 | 44.72 | 130.8 | 42.12 |
|        | 0                 | -0.7     | 169.6                     | 50.08 | 160.0 | 47.08 | 150.4 | 45.08 | 145.6 | 42.80 | 140.8 | 41.16 | 130.8 | 38.64 |
|        | 3                 | 2.2      | 169.6                     | 45.56 | 160.0 | 42.80 | 150.4 | 41.08 | 145.6 | 38.96 | 140.8 | 37.60 | 130.8 | 35.20 |
|        | 5                 | 4.1      | 160.4                     | 39.60 | 150.8 | 37.04 | 141.2 | 35.48 | 136.4 | 33.64 | 131.6 | 32.44 | 121.2 | 30.20 |
|        | 7                 | 6        | 151.2                     | 34.08 | 141.6 | 31.72 | 131.6 | 30.36 | 126.8 | 28.72 | 122.0 | 27.72 | 111.6 | 25.64 |
|        | 9                 | 7.9      | 141.6                     | 28.36 | 131.6 | 26.32 | 122.0 | 25.08 | 116.8 | 23.68 | 112.0 | 22.80 | 101.6 | 20.96 |
|        | 11                | 9.8      | 131.6                     | 24.28 | 121.6 | 22.44 | 111.6 | 21.32 | 106.8 | 20.12 | 101.6 | 19.32 | 91.20 | 17.68 |
|        | 13                | 11.8     | 121.2                     | 20.76 | 111.2 | 19.12 | 101.2 | 18.08 | 96.00 | 17.00 | 91.20 | 16.28 | 80.40 | 14.84 |
|        | 15                | 13.7     | 110.8                     | 17.72 | 100.4 | 16.28 | 90.40 | 15.36 | 85.20 | 14.40 | 80.00 | 13.76 | 69.60 | 12.44 |

### Note

- TC: Total Capacity(kW), PI : Power Input(kW, Comp. + Outdoor fan motor)
- Advanced SLC : Providing better comfort and energy saving considering cooling load with both outdoor and indoor side and using temperature and humidity dual sensing control.
- Capacity tables show the average value of conditions which may occur.

## 8. Capacity Correction Factor

### 8.1 Cooling Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 93.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 94.0 | 93.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.3 | 82.0 |
| -40                                       | -                                                            | -    | -    | -    | 95.0 | 94.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| -30                                       | -                                                            | -    | -    | 96.0 | 95.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| -20                                       | -                                                            | -    | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| -10                                       | -                                                            | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| 0                                         | 100.0                                                        | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| 20                                        | -                                                            | -    | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.3 | 82.0 |
| 30                                        | -                                                            | -    | -    | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 83.0 |
| 40                                        | -                                                            | -    | -    | -    | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 83.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 95.0 | 94.0 | 93.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 83.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 94.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.3 | 83.0 |

#### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)  
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

## 8. Capacity Correction Factor

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m

(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

\* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 78.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| -40                                       | -                                                            | -    | -    | -    | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| -30                                       | -                                                            | -    | -    | 96.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| -20                                       | -                                                            | -    | 97.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| -10                                       | -                                                            | 99.0 | 97.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 97.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 0                                         | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 20                                        | -                                                            | -    | 98.0 | 96.0 | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 30                                        | -                                                            | -    | -    | 97.0 | 95.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 40                                        | -                                                            | -    | -    | -    | 95.0 | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 79.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.  
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more  
(Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)  
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.  
Apply the correction factor after selecting that according to the unit capacity.

## 8. Capacity Correction Factor

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### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 | 76.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 | 76.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 91.0 | 90.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -40                                       | -                                                            | -    | -    | -    | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 76.0 | 76.0 |
| -30                                       | -                                                            | -    | -    | 95.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| -20                                       | -                                                            | -    | 97.0 | 96.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| -10                                       | -                                                            | 99.0 | 97.0 | 96.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 97.0 | 96.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| 0                                         | 100.0                                                        | 99.0 | 97.0 | 96.0 | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 96.0 | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 96.0 | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 | 76.0 |
| 20                                        | -                                                            | -    | 98.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 77.0 |
| 30                                        | -                                                            | -    | -    | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 77.0 |
| 40                                        | -                                                            | -    | -    | -    | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 77.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 94.0 | 92.0 | 91.0 | 90.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 77.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 77.0 | 77.0 |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
 Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |



## 8. Capacity Correction Factor

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※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

\* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 | 81.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 | 81.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 | 81.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 | 81.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 |
| -40                                       | -                                                            | -    | -    | -    | 95.0 | 94.0 | 93.0 | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 82.0 |
| -30                                       | -                                                            | -    | -    | 96.0 | 95.0 | 94.0 | 93.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 82.0 |
| -20                                       | -                                                            | -    | 98.0 | 96.0 | 95.0 | 94.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| -10                                       | -                                                            | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 0                                         | 100.0                                                        | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 20                                        | -                                                            | -    | 98.0 | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 30                                        | -                                                            | -    | -    | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 40                                        | -                                                            | -    | -    | -    | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 82.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 94.0 | 93.0 | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 93.0 | 92.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 83.0 | 82.0 |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
 Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.  
Apply the correction factor after selecting that according to the unit capacity.

## 8. Capacity Correction Factor

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### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 79.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 |
| -40                                       | -                                                            | -    | -    | -    | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 |
| -30                                       | -                                                            | -    | -    | 96.0 | 95.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 |
| -20                                       | -                                                            | -    | 97.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| -10                                       | -                                                            | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| 0                                         | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 96.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| 20                                        | -                                                            | -    | 98.0 | 97.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 |
| 30                                        | -                                                            | -    | -    | 97.0 | 95.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 | 80.0 |
| 40                                        | -                                                            | -    | -    | -    | 96.0 | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 94.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 80.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 80.0 |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside) units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
 Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.  
Apply the correction factor after selecting that according to the unit capacity.

## 8. Capacity Correction Factor

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### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------|--------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                           | 7.5                                                          | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 225  |
| -110                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 | 77.0 |
| -100                                      | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| -90                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| -80                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| -70                                       | -                                                            | -    | -    | -    | -    | -    | -    | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| -60                                       | -                                                            | -    | -    | -    | -    | -    | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 77.0 | 77.0 |
| -50                                       | -                                                            | -    | -    | -    | -    | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -40                                       | -                                                            | -    | -    | -    | 94.0 | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -30                                       | -                                                            | -    | -    | 96.0 | 94.0 | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -20                                       | -                                                            | -    | 97.0 | 96.0 | 94.0 | 93.0 | 92.0 | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -10                                       | -                                                            | 99.0 | 97.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| -7.5                                      | 99.0                                                         | 99.0 | 97.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 87.0 | 86.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 77.0 |
| 0                                         | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 | 78.0 |
| 7.5                                       | 100.0                                                        | 99.0 | 98.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 10                                        | -                                                            | 99.0 | 98.0 | 96.0 | 95.0 | 93.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 20                                        | -                                                            | -    | 98.0 | 96.0 | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 30                                        | -                                                            | -    | -    | 96.0 | 95.0 | 94.0 | 92.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 40                                        | -                                                            | -    | -    | -    | 95.0 | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 50                                        | -                                                            | -    | -    | -    | -    | 94.0 | 93.0 | 91.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 79.0 | 79.0 | 78.0 | 78.0 |
| 60                                        | -                                                            | -    | -    | -    | -    | -    | 93.0 | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 70                                        | -                                                            | -    | -    | -    | -    | -    | -    | 92.0 | 90.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 80                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | 91.0 | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 90                                        | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | 90.0 | 88.0 | 87.0 | 86.0 | 85.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 80.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 100                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | 89.0 | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 |
| 110                                       | -                                                            | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 88.0 | 87.0 | 86.0 | 85.0 | 84.0 | 83.0 | 82.0 | 81.0 | 81.0 | 80.0 | 79.0 | 78.0 | 78.0 |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions.  
(Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside) units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more  
(Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)  
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.  
Apply the correction factor after selecting that according to the unit capacity.

## 8. Capacity Correction Factor

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### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

\* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

## 8. Capacity Correction Factor

### 8.2 Heating Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |     |     |     |     |     |
|-------------------------------------------|--------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|
|                                           | 7.5                                                          | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80    | 90    | 100   | 110   | 120   | 130   | 140   | 150   | 160 | 170 | 180 | 190 | 200 | 210 | 220 | 225 |
| -110                                      | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -100                                      | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -90                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -80                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -70                                       | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -60                                       | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -50                                       | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -40                                       | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -30                                       | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -20                                       | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -10                                       | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| -7.5                                      | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 0                                         | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 7.5                                       | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 10                                        | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 20                                        | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 30                                        | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 40                                        | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 50                                        | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 60                                        | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 70                                        | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 80                                        | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 90                                        | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 100                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |
| 110                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | -   | -   |

#### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)  
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)



## 8. Capacity Correction Factor

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

\* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

### Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

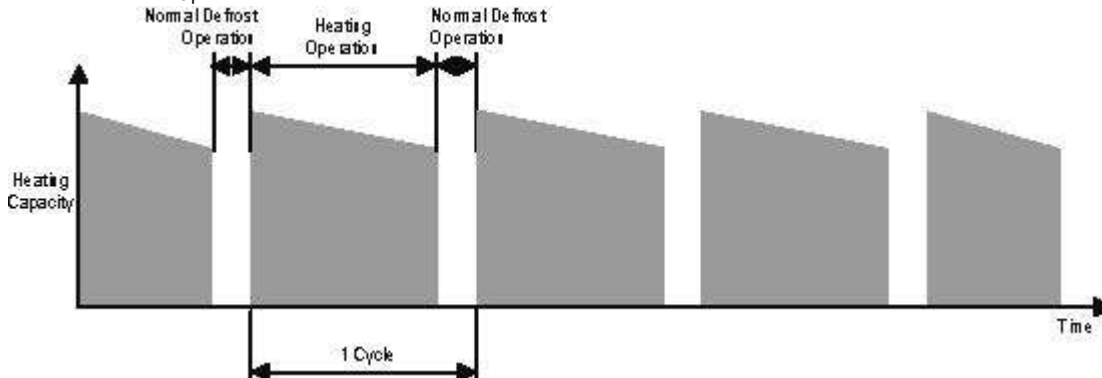
#### 1. Formula

- Integrated heating capacity = A
- Value given in table of capacity characteristics = B
- Integrated correction factor for frost accumulation = C
- $A = B \times C$

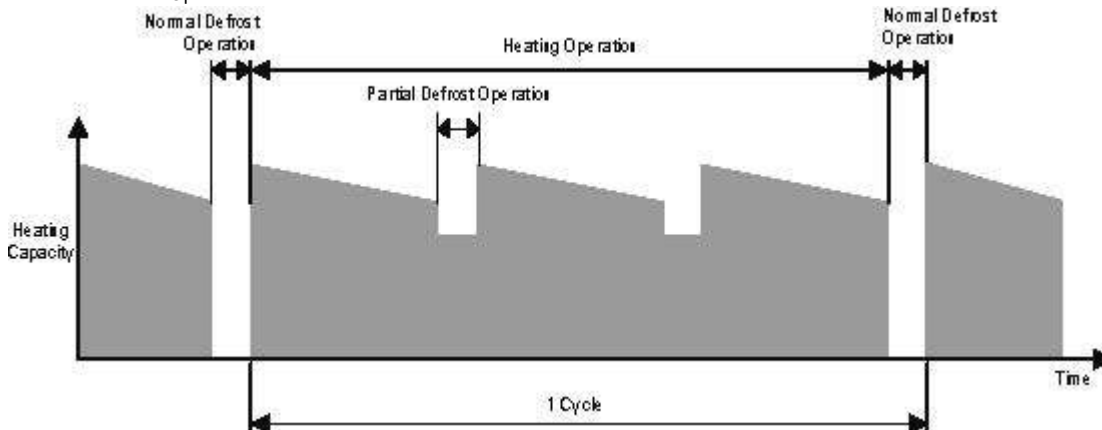
#### 2. Correction Factor for Finding Integrated Heating Capacity

| Integrated Correction Factor for Frost Accumulation | Inlet Air Temperature of Heat Exchanger (°C, RH 85%) |      |      |      |      |      |     |
|-----------------------------------------------------|------------------------------------------------------|------|------|------|------|------|-----|
|                                                     | -7                                                   | -5   | -3   | 0    | 3    | 5    | 7   |
| Normal Defrost Operation                            | 0.92                                                 | 0.90 | 0.86 | 0.84 | 0.85 | 0.90 | 1.0 |
| Partial Defrost Operation                           | 0.92                                                 | 0.90 | 0.86 | 0.90 | 0.93 | 0.95 | 1.0 |
| Normal Defrost Operation / Dual sensing             | 0.92                                                 | 0.90 | 0.86 | 0.86 | 0.86 | 0.91 | 1.0 |
| Partial Defrost Operation / Dual sensing            | 0.92                                                 | 0.90 | 0.86 | 0.91 | 0.94 | 0.95 | 1.0 |

#### ■ Normal Defrost Operation



#### ■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.

Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

## 8. Capacity Correction Factor

ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6

| Level difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |     |     |     |     |     |     |   |
|-------------------------------------------|--------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|---|
|                                           | 7.5                                                          | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80    | 90    | 100   | 110   | 120   | 130   | 140   | 150   | 160   | 170   | 180 | 190 | 200 | 210 | 220 | 225 |   |
| -110                                      | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -     | -   | -   | -   | -   | -   | -   |   |
| -100                                      | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -90                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -80                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -70                                       | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -60                                       | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -50                                       | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -40                                       | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -30                                       | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -20                                       | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -10                                       | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| -7.5                                      | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 0                                         | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 7.5                                       | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 10                                        | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 20                                        | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 30                                        | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 40                                        | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 50                                        | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 60                                        | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 70                                        | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 80                                        | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 90                                        | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 100                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |
| 110                                       | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | -   | -   | -   | -   | -   | -   | - |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more  
(Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)  
Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

## 8. Capacity Correction Factor

※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

### Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

#### 1. Formula

■ Integrated heating capacity = A

■ Value given in table of capacity characteristics = B

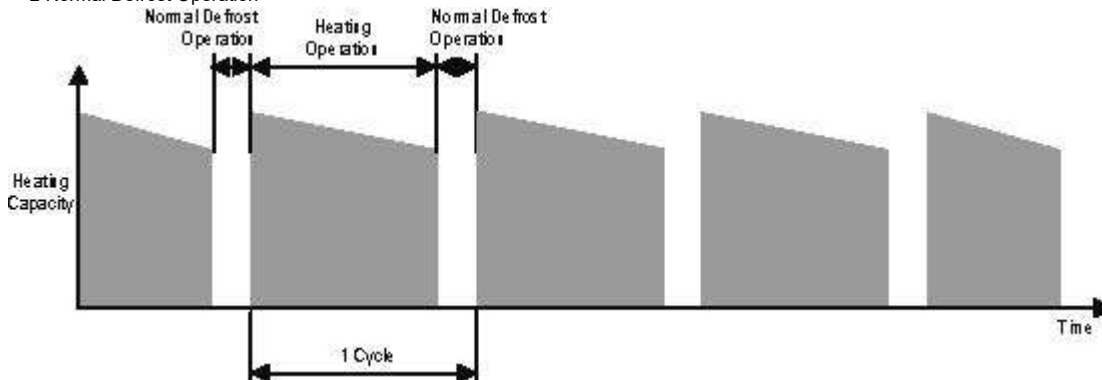
■ Integrated correction factor for frost accumulation = C

■  $A = B \times C$

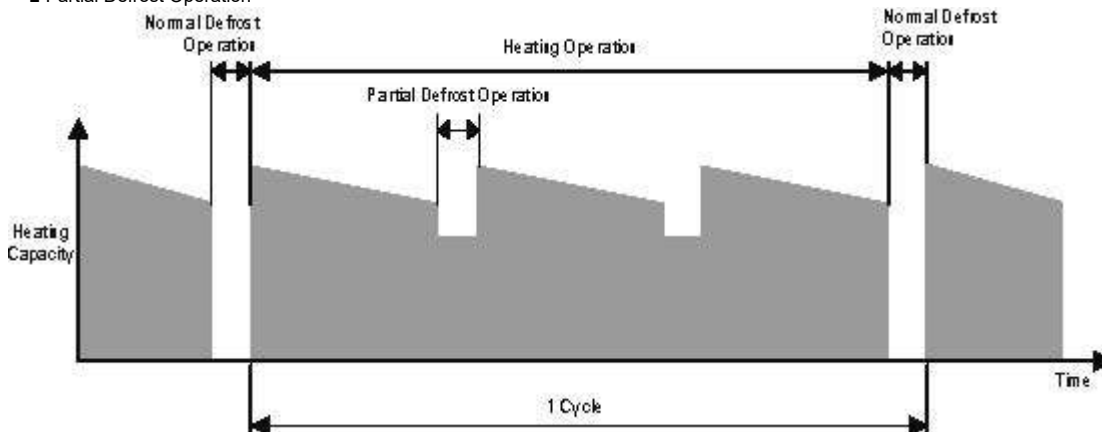
#### 2. Correction Factor for Finding Integrated Heating Capacity

| Integrated Correction Factor for Frost Accumulation | Inlet Air Temperature of Heat Exchanger (°C, RH 85%) |      |      |      |      |      |     |
|-----------------------------------------------------|------------------------------------------------------|------|------|------|------|------|-----|
|                                                     | -7                                                   | -5   | -3   | 0    | 3    | 5    | 7   |
| Normal Defrost Operation                            | 0.92                                                 | 0.90 | 0.86 | 0.84 | 0.85 | 0.90 | 1.0 |
| Partial Defrost Operation                           | 0.92                                                 | 0.90 | 0.86 | 0.90 | 0.93 | 0.95 | 1.0 |
| Normal Defrost Operation / Dual sensing             | 0.92                                                 | 0.90 | 0.86 | 0.86 | 0.86 | 0.91 | 1.0 |
| Partial Defrost Operation / Dual sensing            | 0.92                                                 | 0.90 | 0.86 | 0.91 | 0.94 | 0.95 | 1.0 |

#### ■ Normal Defrost Operation



#### ■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.

Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

## 8. Capacity Correction Factor

ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6

| Level<br>difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |     |     |     |     |     |     |     |
|----------------------------------------------|--------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
|                                              | 7.5                                                          | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80    | 90    | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170 | 180 | 190 | 200 | 210 | 220 | 225 |
| -110                                         | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -100                                         | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -90                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -80                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -70                                          | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -60                                          | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -50                                          | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -40                                          | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -30                                          | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -20                                          | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -10                                          | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -7.5                                         | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 0                                            | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 7.5                                          | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 10                                           | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 20                                           | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 30                                           | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 40                                           | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 50                                           | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 60                                           | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 70                                           | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 80                                           | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 90                                           | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 100                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 110                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
 Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

## 8. Capacity Correction Factor

※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

### Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

#### 1. Formula

■ Integrated heating capacity = A

■ Value given in table of capacity characteristics = B

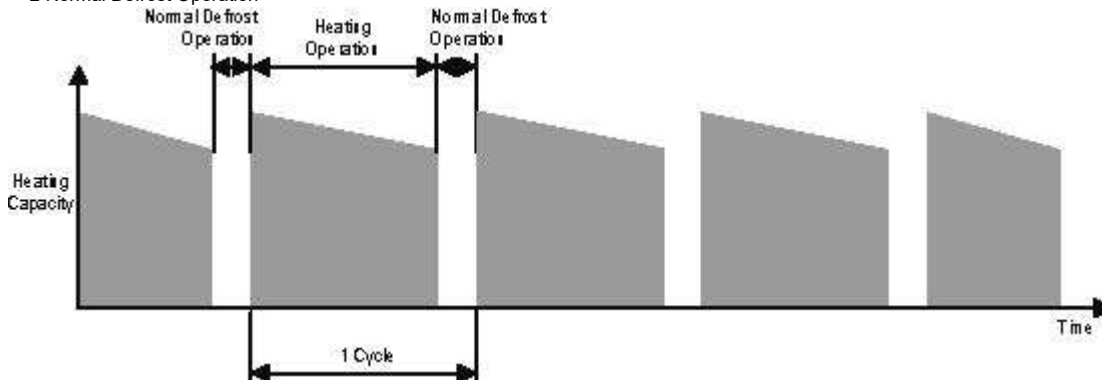
■ Integrated correction factor for frost accumulation = C

■  $A = B \times C$

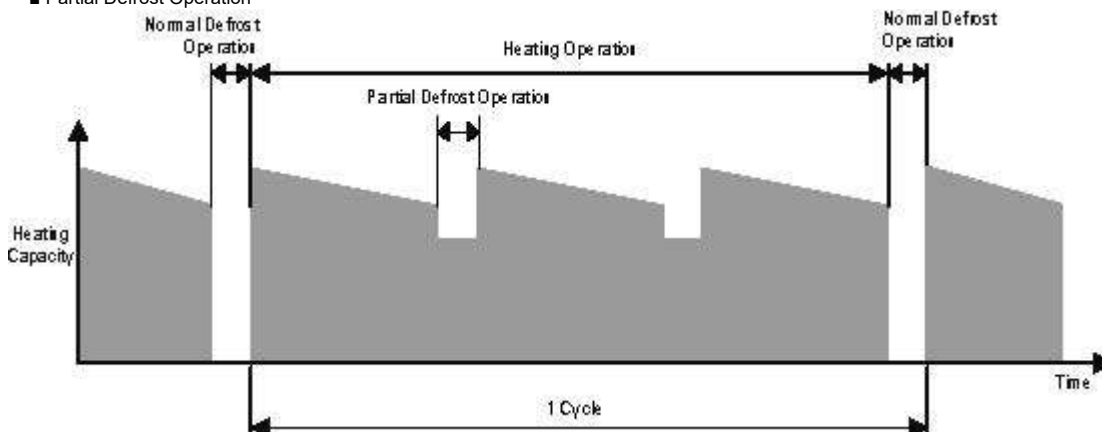
#### 2. Correction Factor for Finding Integrated Heating Capacity

| Integrated Correction Factor for Frost Accumulation | Inlet Air Temperature of Heat Exchanger (°C, RH 85%) |      |      |      |      |      |     |
|-----------------------------------------------------|------------------------------------------------------|------|------|------|------|------|-----|
|                                                     | -7                                                   | -5   | -3   | 0    | 3    | 5    | 7   |
| Normal Defrost Operation                            | 0.92                                                 | 0.90 | 0.86 | 0.84 | 0.85 | 0.90 | 1.0 |
| Partial Defrost Operation                           | 0.92                                                 | 0.90 | 0.86 | 0.90 | 0.93 | 0.95 | 1.0 |
| Normal Defrost Operation / Dual sensing             | 0.92                                                 | 0.90 | 0.86 | 0.86 | 0.86 | 0.91 | 1.0 |
| Partial Defrost Operation / Dual sensing            | 0.92                                                 | 0.90 | 0.86 | 0.91 | 0.94 | 0.95 | 1.0 |

#### ■ Normal Defrost Operation



#### ■ Partial Defrost Operation



Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.

Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

## 8. Capacity Correction Factor

ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6

| Level<br>difference<br>(=IDU-ODU)<br><br>(m) | Capacity correction factor (%) by equivalent pipe length (m) |       |       |       |       |       |       |       |       |       |      |      |      |      |      |      |      |     |     |     |     |     |     |     |
|----------------------------------------------|--------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
|                                              | 7.5                                                          | 10    | 20    | 30    | 40    | 50    | 60    | 70    | 80    | 90    | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170 | 180 | 190 | 200 | 210 | 220 | 225 |
| -110                                         | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -    | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -100                                         | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -90                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -80                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -70                                          | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -60                                          | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -50                                          | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -40                                          | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -30                                          | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -20                                          | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -10                                          | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| -7.5                                         | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 0                                            | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 7.5                                          | 100.0                                                        | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 10                                           | -                                                            | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 20                                           | -                                                            | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 30                                           | -                                                            | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 40                                           | -                                                            | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 50                                           | -                                                            | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 60                                           | -                                                            | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 70                                           | -                                                            | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 80                                           | -                                                            | -     | -     | -     | -     | -     | -     | -     | 100.0 | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 90                                           | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | 100.0 | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 100                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |
| 110                                          | -                                                            | -     | -     | -     | -     | -     | -     | -     | -     | -     | 95.0 | 91.0 | 87.0 | 85.0 | 82.0 | 80.0 | 78.0 | -   | -   | -   | -   | -   | -   | -   |

### Note

- These figures indicate the rate of change in capacity of a standard indoor unit system at maximum load under standard conditions. (Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.)
- With this outdoor(outside) unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- If heat insulation of piping is insufficient, heat loss will become larger and capacity will decrease.
- Method of calculating cooling / heating capacity = maximum cooling / heating capacity of outdoor(outside)units  
= cooling / heating capacity of outdoor(outside) units obtained from capacity table x capacity correction factor due to piping length to the farthest indoor unit.
- Equivalent piping length for Y Branch and other pipes can be calculated with following table.

| Piping Diameter<br>[mm(inch)] | Ø6.35<br>(1/4) | Ø9.52<br>(3/8) | Ø12.7<br>(1/2) | Ø15.88<br>(5/8) | Ø19.05<br>(3/4) | Ø22.2<br>(7/8) | Ø25.4<br>(1) | Ø28.58<br>(1-1/8) | Ø31.8<br>(1-1/4) | Ø34.9<br>(1-3/8) | Ø38.1<br>(1-1/2) | Ø41.3<br>(1-5/8) | Ø44.5<br>(1-3/4) | Ø53.98<br>(2-1/8) |
|-------------------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|--------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Elbow(m)                      | 0.16           | 0.18           | 0.20           | 0.25            | 0.35            | 0.40           | 0.45         | 0.50              | 0.55             | 0.60             | 0.65             | 0.70             | 0.75             | 0.85              |
| Y Branch(m)                   | 0.50           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| Header(m)                     | 1.00           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |
| HR unit(m)                    | 0.25           |                |                |                 |                 |                |              |                   |                  |                  |                  |                  |                  |                   |

- When the any one (or both ) of below conditions are satisfied, the diameter of main pipe must be increased.
  - The equivalent length between outdoor(outside) unit and the farthest indoor unit is 90m or more (Liquid or Gas pipes are increased in accordance with below table)
  - The level difference (outdoor(outside) unit <-> Indoor unit) is 50m or more (Only liquid pipe is increased)
 Refer to the table (Refrigerant pipe diameter from outdoor(outside) unit to first branch.) in the 'installation of outdoor(outside) units' part.
- Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.  
Overall equivalent length = (equivalent length of main pipe) x correction factor + (equivalent length after first branching)

| Rate of Change<br>(object piping) | Correction factor |                       |                       |                       |
|-----------------------------------|-------------------|-----------------------|-----------------------|-----------------------|
|                                   | standard size     | size increase         |                       |                       |
|                                   |                   | Capacity Class ≤ 34HP | Capacity Class ≤ 60HP | Capacity Class ≥ 62HP |
| Cooling(Gas pipe)                 | 1                 | 0.5                   | 0.5                   | -                     |
| Heating(Liquid pipe)              | 1                 | 0.2                   | 0.4                   | 0.4                   |

## 8. Capacity Correction Factor

※ Accordance with product type(operation mode), target region, model line up could be different.

Apply the correction factor after selecting that according to the unit capacity.

### ■ Calculation Example for overall equivalent length

\* Installation condition : Model capacity = 8HP, Main pipe length = 30m, Branch pipe length = 30m, HU=0m  
(Maximum pipe length and limit condition will be different by each model. Use this example only for reference.)

: Overall equivalent pipe length for Cooling =  $30\text{m} \times 0.5 + 30\text{m} = 45\text{m}$

: Overall equivalent pipe length for Heating =  $30\text{m} \times 0.2 + 30\text{m} = 36\text{m}$

### \* The rate of change in

Read the correction factor value condition on length = 45m and HU = 0 in Cooling correction factor table.

Read the correction factor value condition on length = 36m and HU = 0 in Heating correction factor table.

### Defrosting Correction Factor for Heating Operation

The capacity table does not consider reduction in capacity when frost has accumulated or during defrosting.

The capacity values considered these factors, in other words the integrated heating capacity values, can be obtained as follows:

#### 1. Formula

■ Integrated heating capacity = A

■ Value given in table of capacity characteristics = B

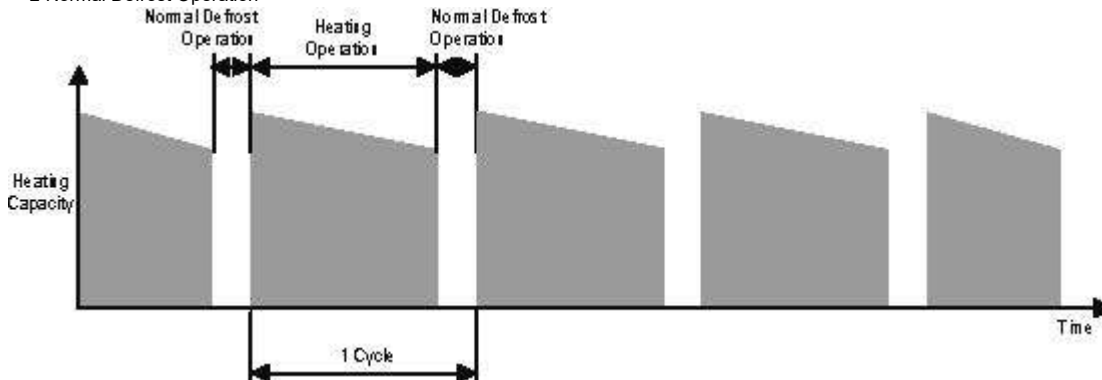
■ Integrated correction factor for frost accumulation = C

■  $A = B \times C$

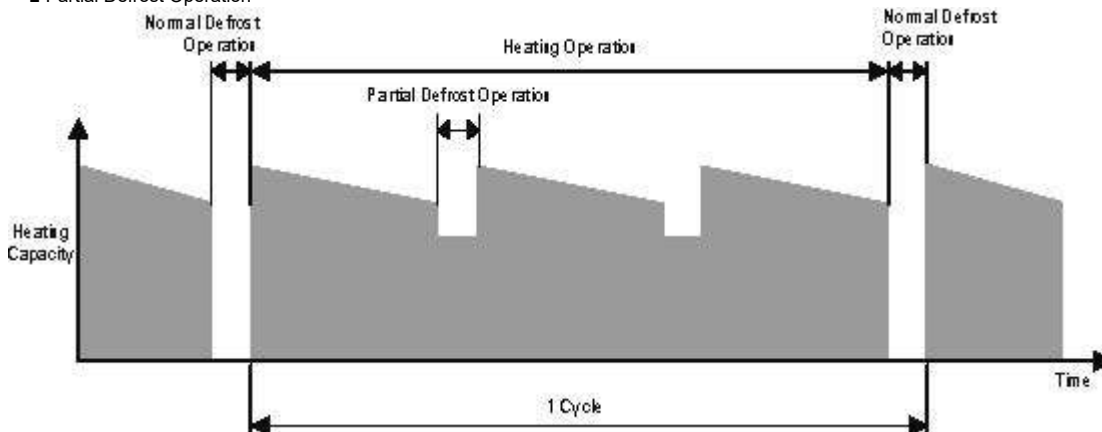
#### 2. Correction Factor for Finding Integrated Heating Capacity

| Integrated Correction Factor for Frost Accumulation | Inlet Air Temperature of Heat Exchanger (°C, RH 85%) |      |      |      |      |      |     |
|-----------------------------------------------------|------------------------------------------------------|------|------|------|------|------|-----|
|                                                     | -7                                                   | -5   | -3   | 0    | 3    | 5    | 7   |
| Normal Defrost Operation                            | 0.92                                                 | 0.90 | 0.86 | 0.84 | 0.85 | 0.90 | 1.0 |
| Partial Defrost Operation                           | 0.92                                                 | 0.90 | 0.86 | 0.90 | 0.93 | 0.95 | 1.0 |
| Normal Defrost Operation / Dual sensing             | 0.92                                                 | 0.90 | 0.86 | 0.86 | 0.86 | 0.91 | 1.0 |
| Partial Defrost Operation / Dual sensing            | 0.92                                                 | 0.90 | 0.86 | 0.91 | 0.94 | 0.95 | 1.0 |

#### ■ Normal Defrost Operation



#### ■ Partial Defrost Operation



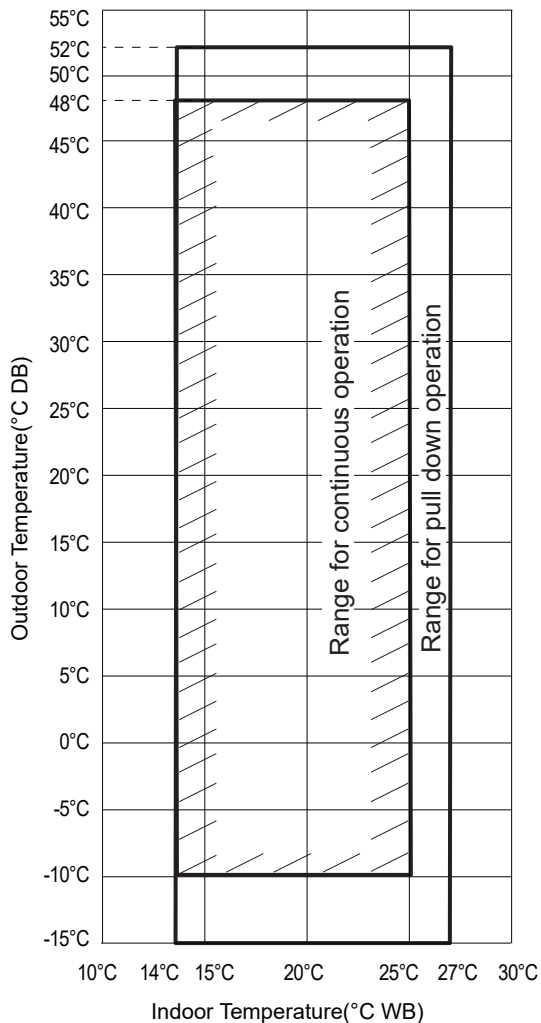
Please note that there will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger.

Of course, it will be different in degree depending on a number of other factors, for example, the outdoor temperature(°CDB), the relative humidity(RH) and the frosting amount.

## 9. Operation Limits

### 9.1 Cooling Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6



#### Note

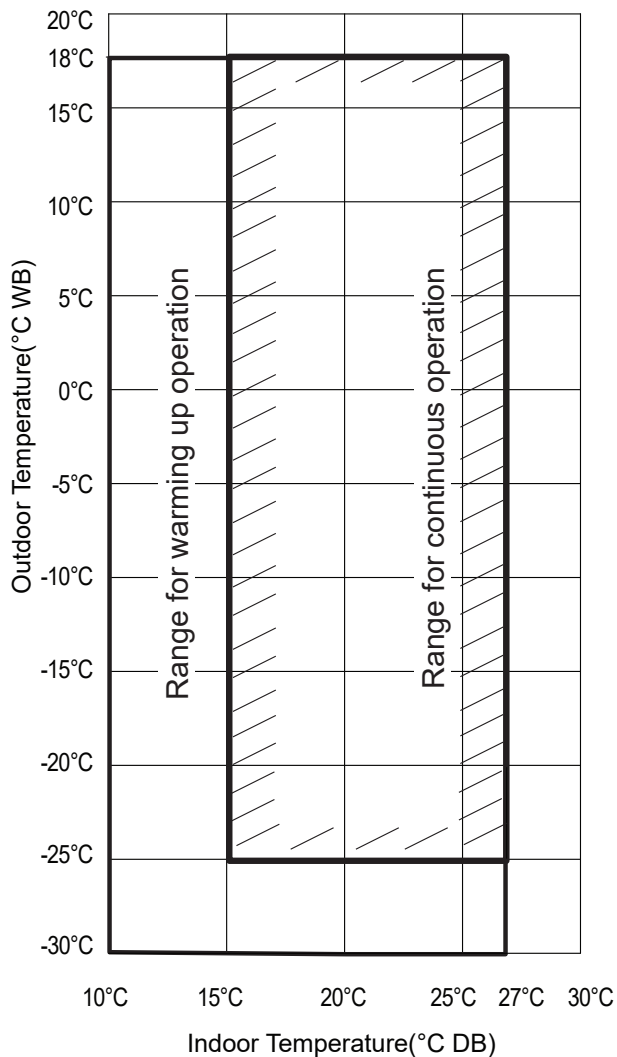
- These figures assume the following operating conditions  
: Equivalent piping length is standard condition, and level difference is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.



## 9. Operation Limits

### 9.2 Heating Operation

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6



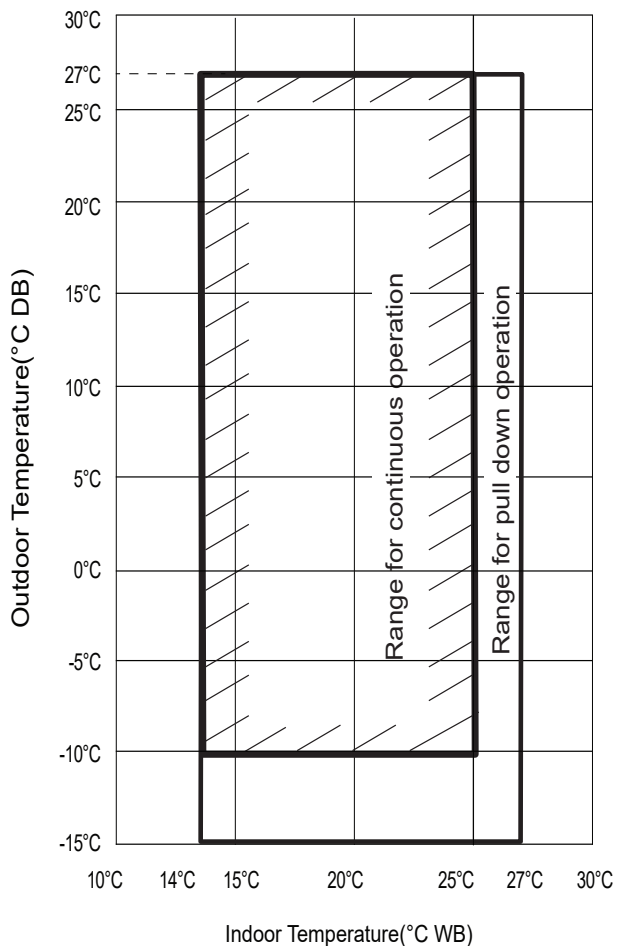
#### Note

- These figures assume the following operating conditions
  - : Equivalent piping length is standard condition, and level difference is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

## 9. Operation Limits

### 9.3 Simultaneous Operation (Cooling)

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6



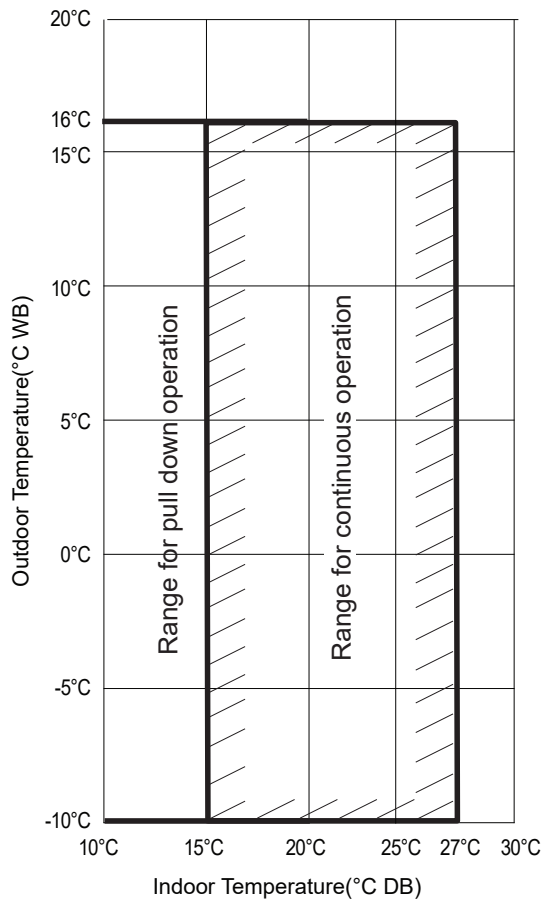
#### Note

- These figures assume the following operating conditions  
: Equivalent piping length is standard condition, and level difference is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

## 9. Operation Limits

### 9.4 Simultaneous Operation (Heating)

ARUM080LTE6, ARUM100LTE6, ARUM120LTE6, ARUM140LTE6, ARUM160LTE6, ARUM180LTE6, ARUM200LTE6, ARUM220LTE6, ARUM240LTE6, ARUM260LTE6, ARUM280LTE6, ARUM300LTE6, ARUM320LTE6, ARUM340LTE6, ARUM360LTE6, ARUM380LTE6, ARUM400LTE6, ARUM420LTE6, ARUM440LTE6, ARUM460LTE6, ARUM480LTE6, ARUM500LTE6, ARUM520LTE6, ARUM540LTE6, ARUM560LTE6, ARUM580LTE6, ARUM600LTE6, ARUM620LTE6, ARUM640LTE6, ARUM660LTE6, ARUM680LTE6, ARUM700LTE6, ARUM720LTE6, ARUM740LTE6, ARUM760LTE6, ARUM780LTE6, ARUM800LTE6, ARUM820LTE6, ARUM840LTE6, ARUM860LTE6, ARUM880LTE6, ARUM900LTE6, ARUM920LTE6, ARUM940LTE6, ARUM960LTE6



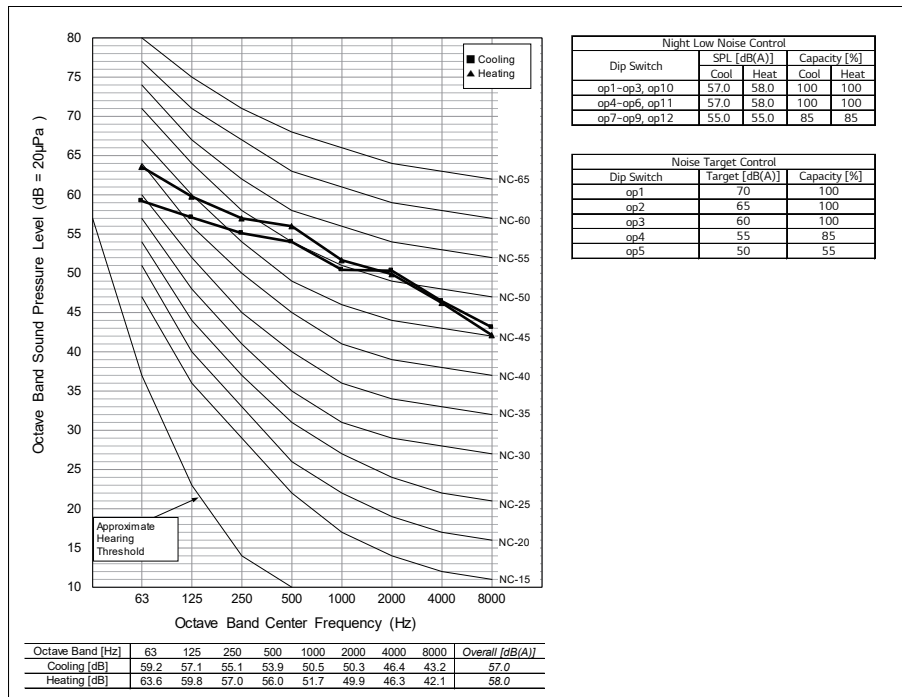
#### Note

- These figures assume the following operating conditions  
: Equivalent piping length is standard condition, and level difference is 0m.
- Range of pull down operation: If the relative humidity is too high, cooling capacity can be decreased by the sensible heat reduction.
- Warming up operation means that the outdoor(outside) unit operates to reach the range of continuous operating, however it may not operate continuously due to safety or protection logic.

## 10. Sound Levels

### 10.1 Pressure Levels

#### ARUM080LTE6



#### Sound level [ dB(A), @ Standard condition ]

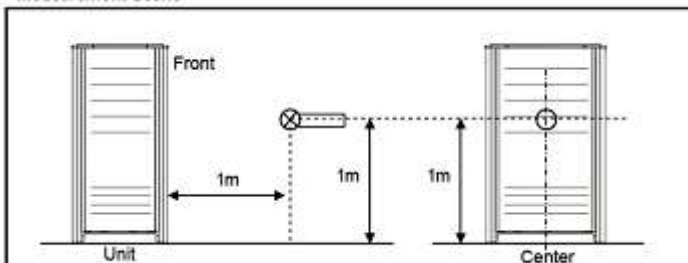
Cooling / Heating

57.0 / 58.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.  
And It will be vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

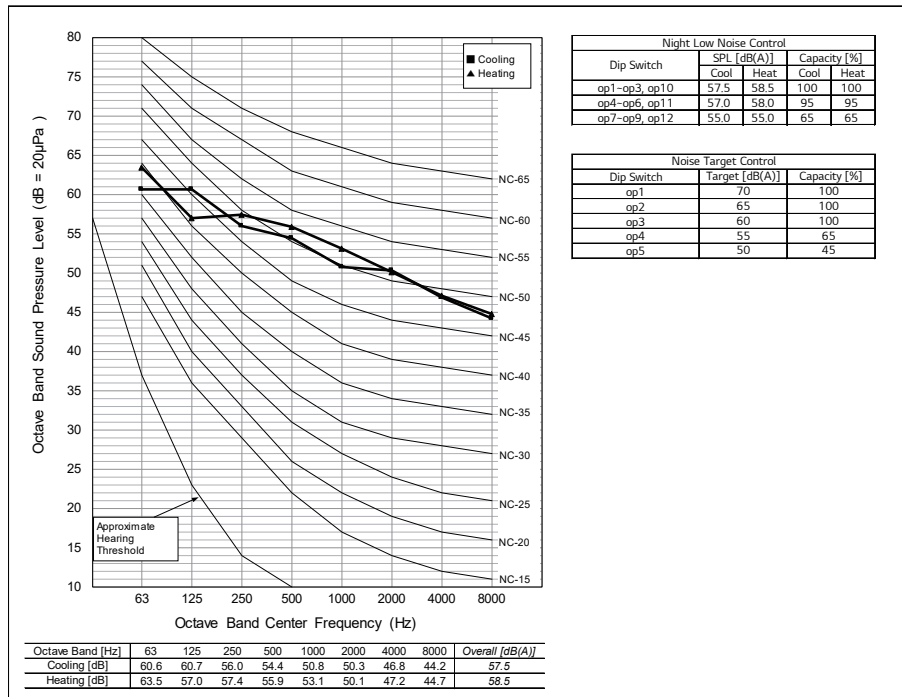
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM100LTE6



#### Sound level [ dB(A), @ Standard condition ]

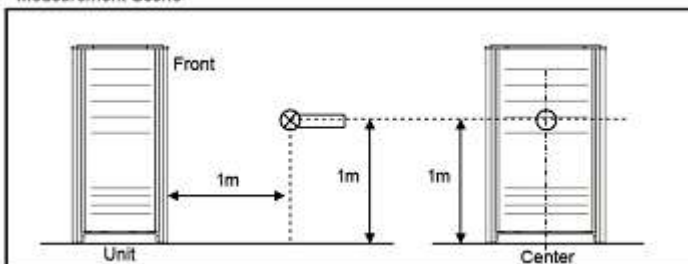
Cooling / Heating

57.5 / 58.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio. And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

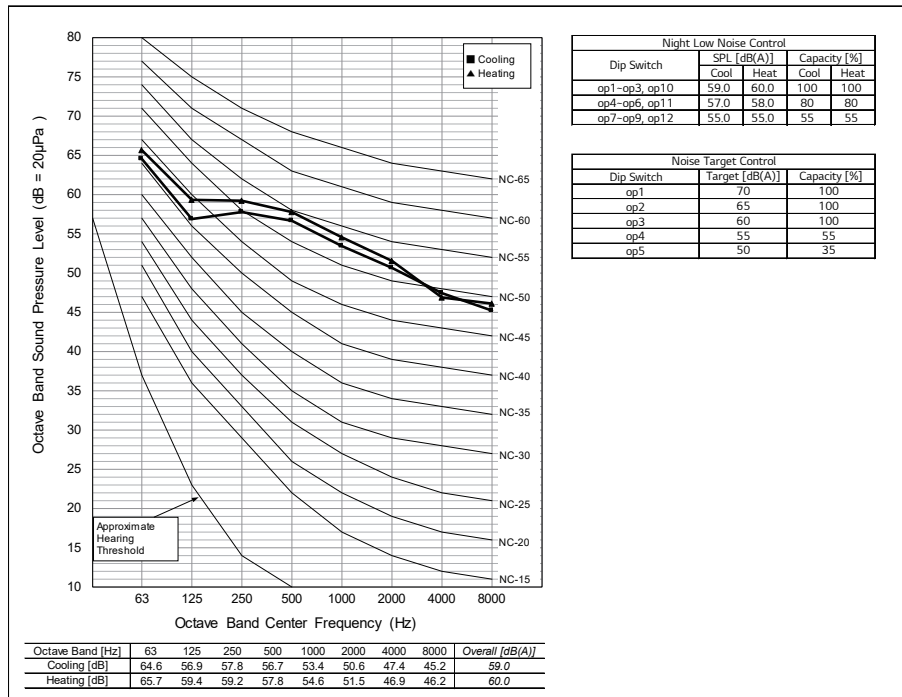
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM120LTE6



#### Sound level [ dB(A), @ Standard condition ]

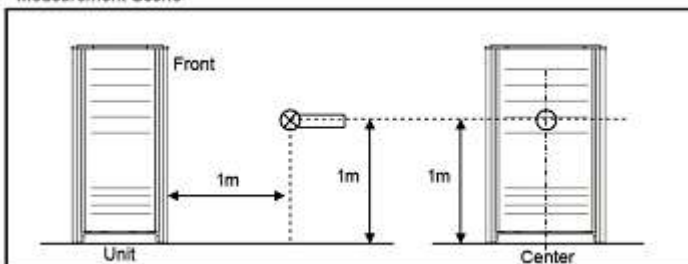
Cooling / Heating

59.0 / 60.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio. And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

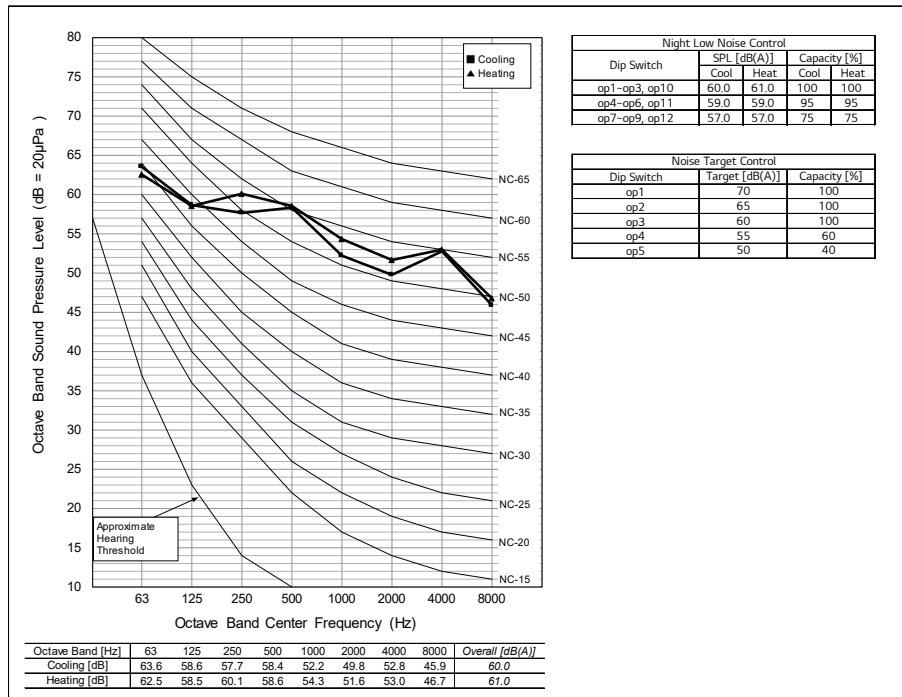
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM140LTE6



#### Sound level [ dB(A), @ Standard condition ]

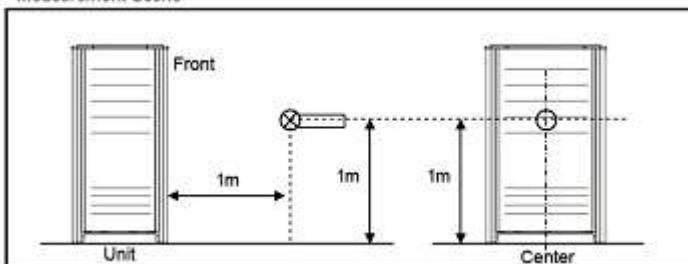
Cooling / Heating

60 / 61

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.  
And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

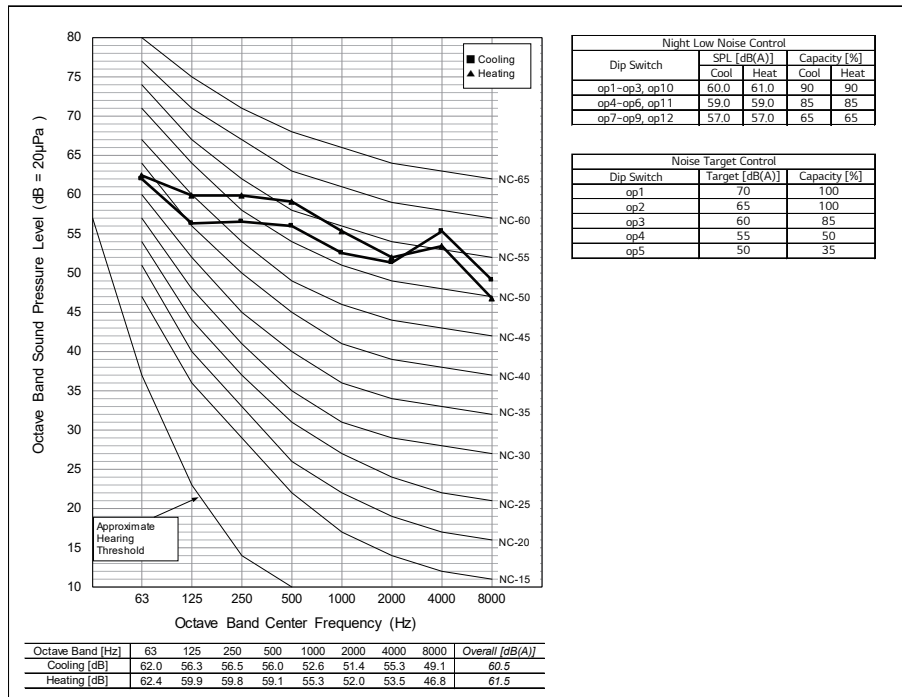
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM160LTE6



#### Sound level [ dB(A), @ Standard condition ]

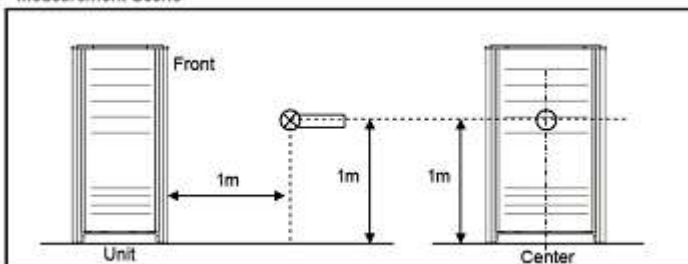
Cooling / Heating

60.5 / 61.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.  
And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

#### <Measurement Scene>

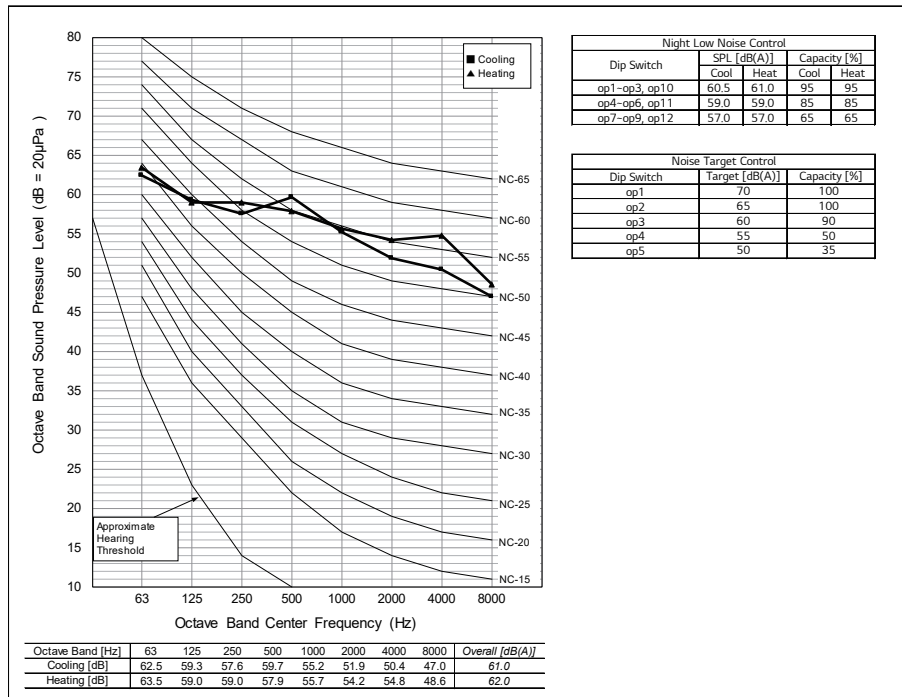


※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### ARUM180LTE6



#### Sound level [ dB(A), @ Standard condition ]

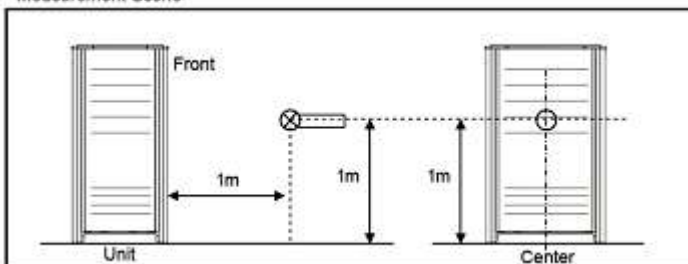
Cooling / Heating

61.0 / 62.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.  
And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

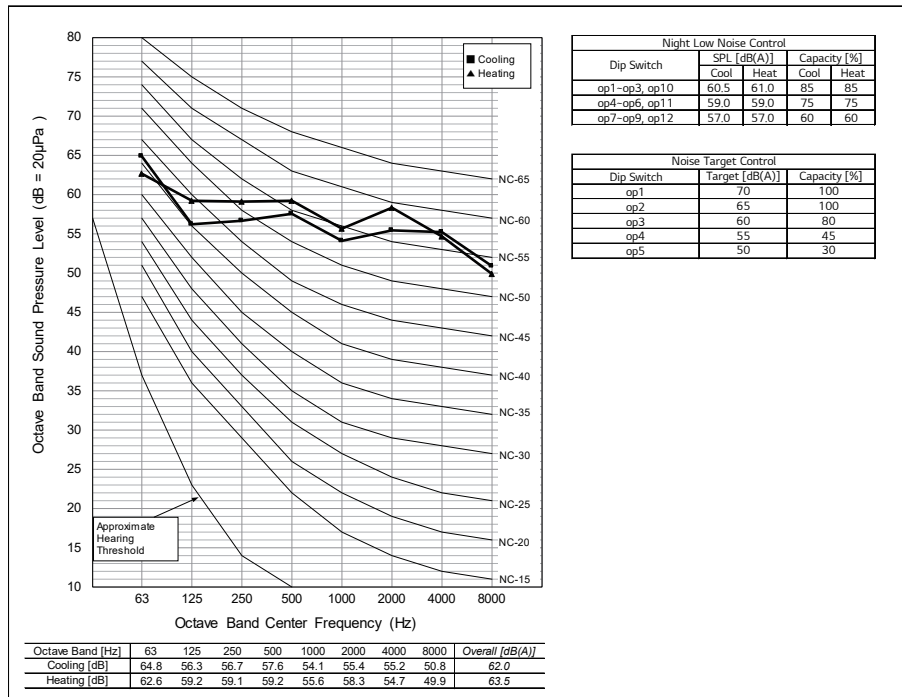
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM200LTE6



#### Sound level [ dB(A), @ Standard condition ]

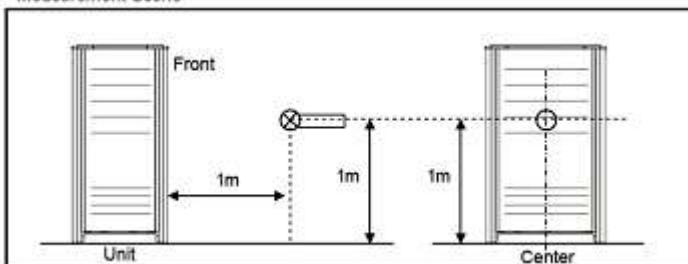
Cooling / Heating

62.0 / 63.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio. And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

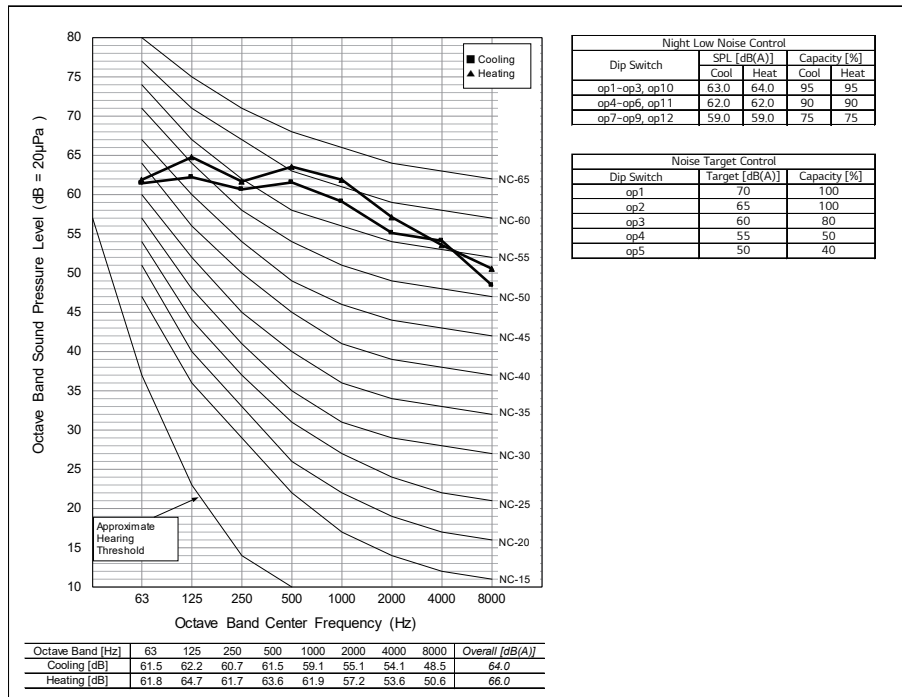
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM220LTE6



#### Sound level [ dB(A), @ Standard condition ]

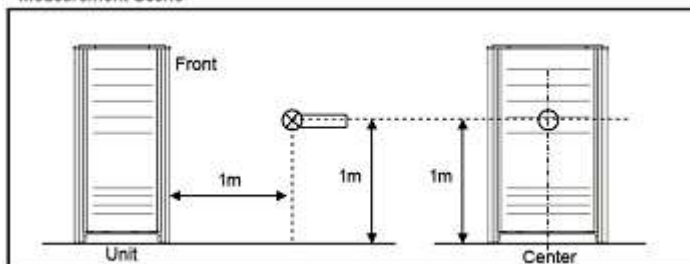
Cooling / Heating

64.0 / 66.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio. And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

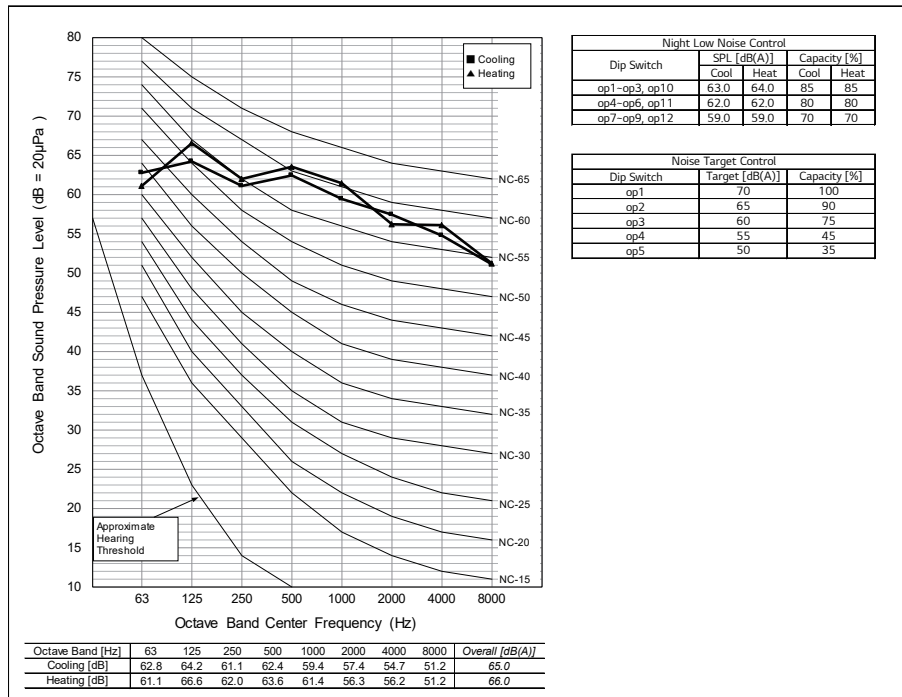
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM240LTE6



#### Sound level [ dB(A), @ Standard condition ]

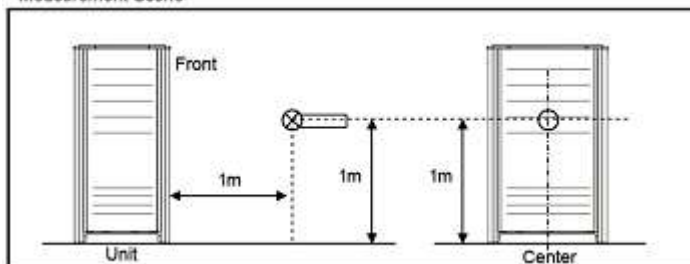
Cooling / Heating

65.0 / 66.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio. And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

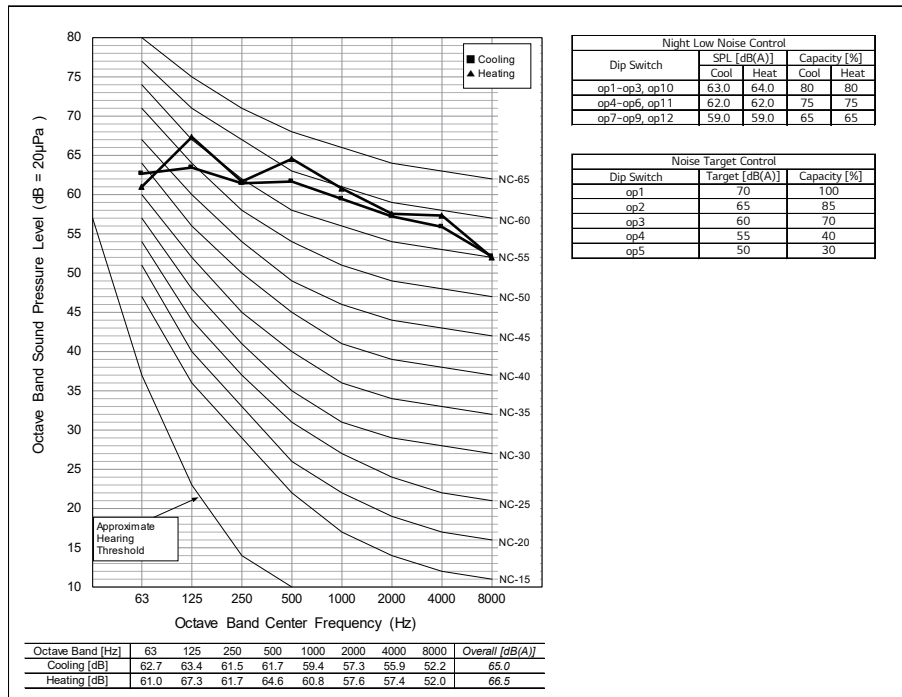
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM260LTE6



#### Sound level [ dB(A), @ Standard condition ]

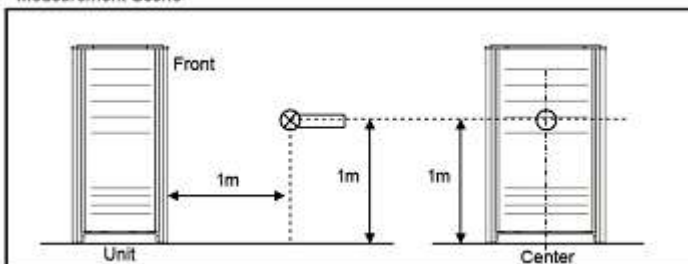
Cooling / Heating

65.0 / 66.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control and Noise Target Control, Capacity is tested at standard condition and 100% combination ratio.  
And it will vary depending on combination idu, environment and so on.
- In case of setting Night Low Noise Control and Noise Target Control at the same time, Product will operate in lower conditions. (Comp Hz, Fan RPM)

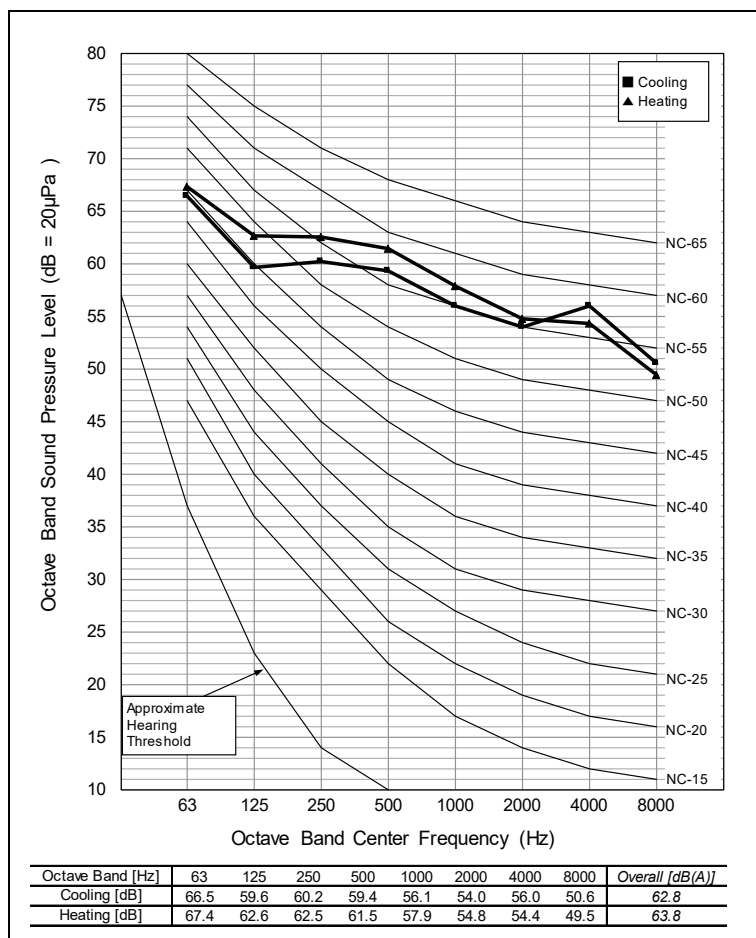
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM280LTE6



#### Sound level [ dB(A), @ Standard condition ]

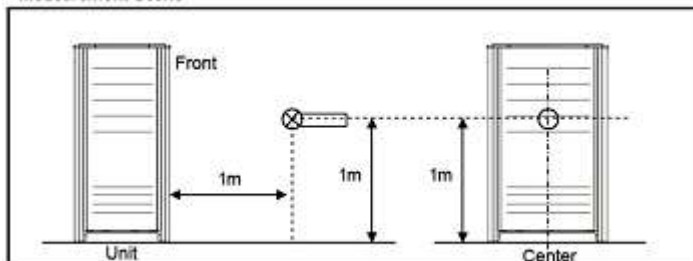
Cooling / Heating

62.8 / 63.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

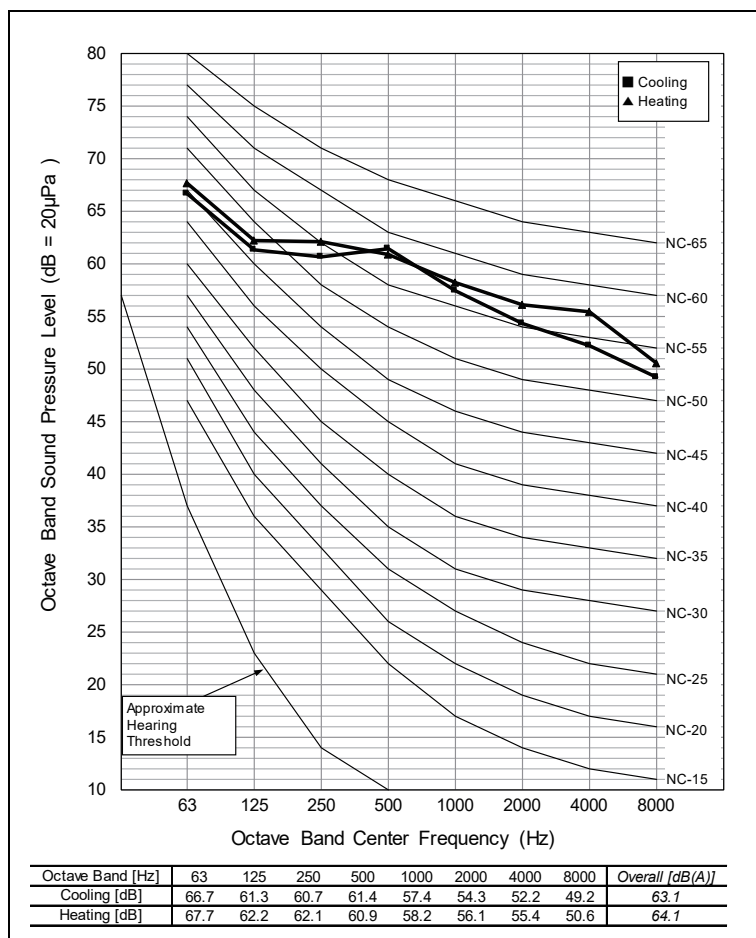
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM300LTE6



#### Sound level [ dB(A), @ Standard condition ]

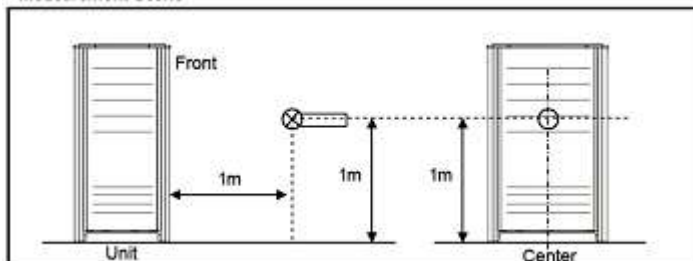
Cooling / Heating

63.1 / 64.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

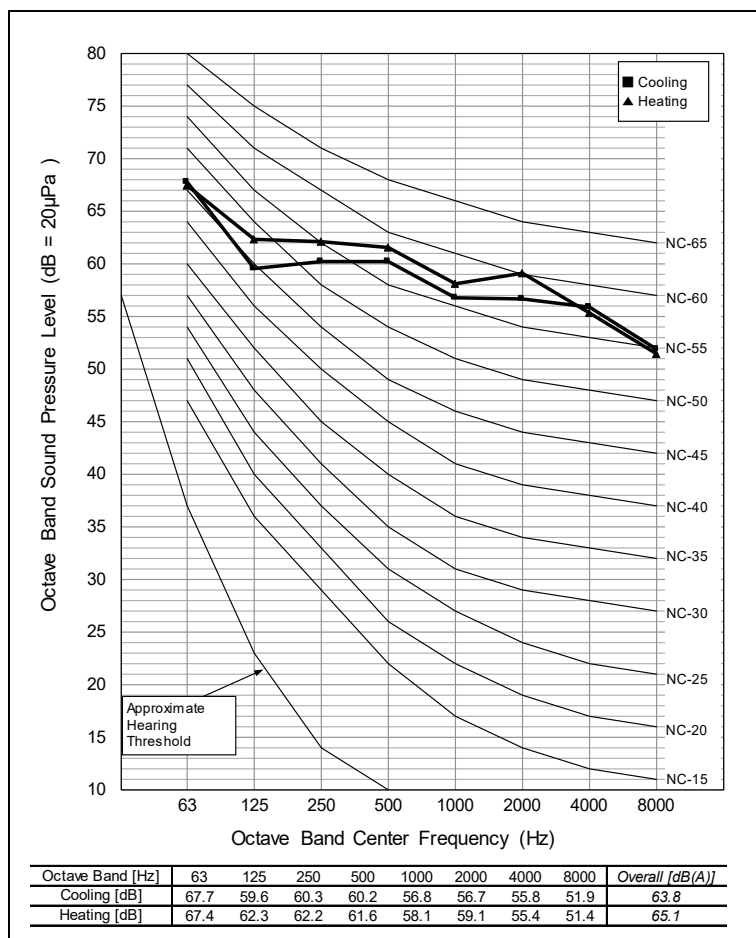
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM320LTE6



#### Sound level [ dB(A), @ Standard condition ]

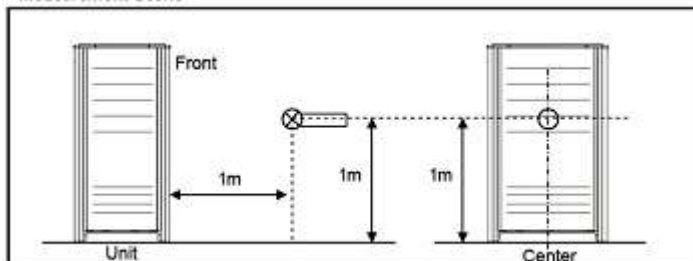
Cooling / Heating

63.8 / 65.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

#### <Measurement Scene>

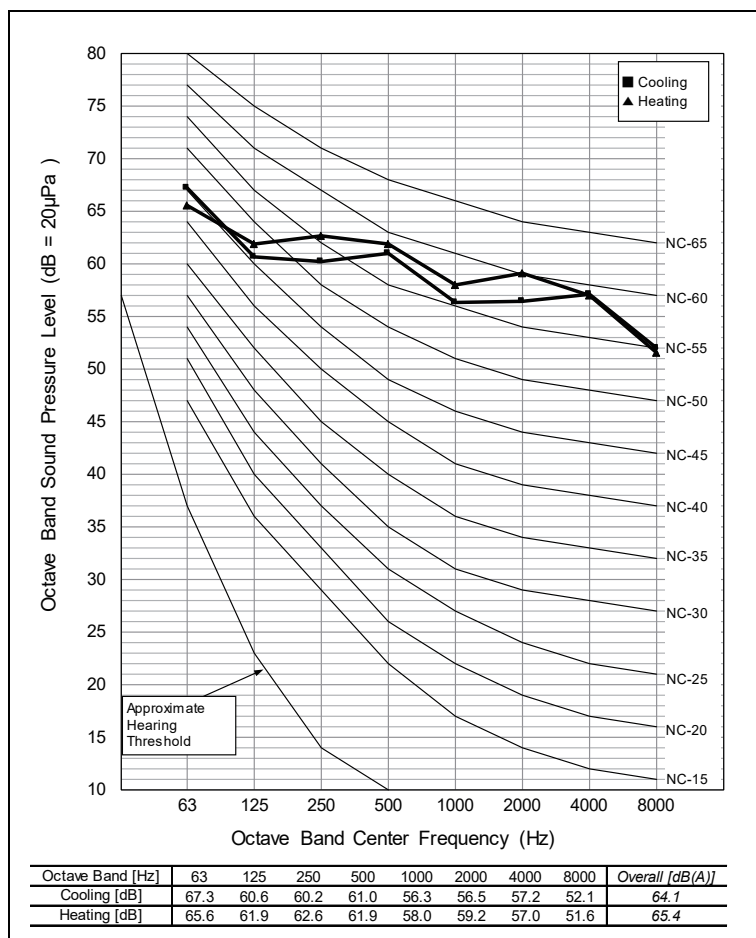


※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### ARUM340LTE6



Sound level [ dB(A), @ Standard condition ]

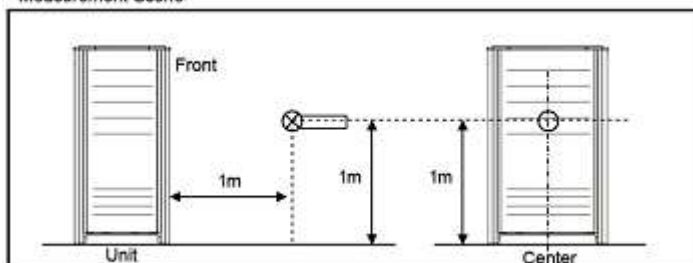
Cooling / Heating

64.1 / 65.4

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

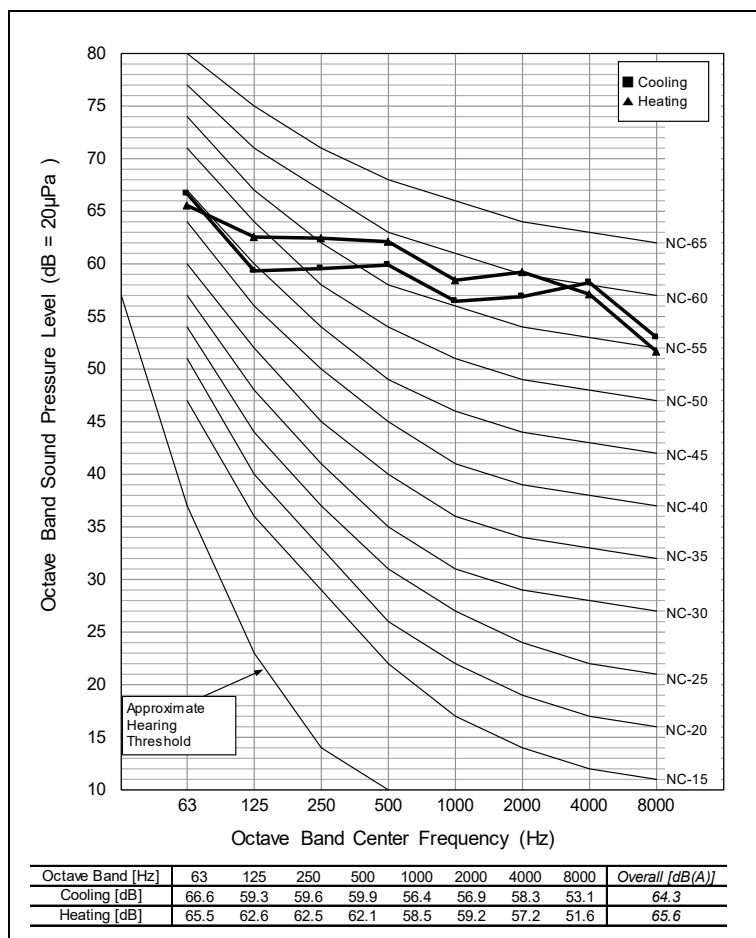
<Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM360LTE6



#### Sound level [ dB(A), @ Standard condition ]

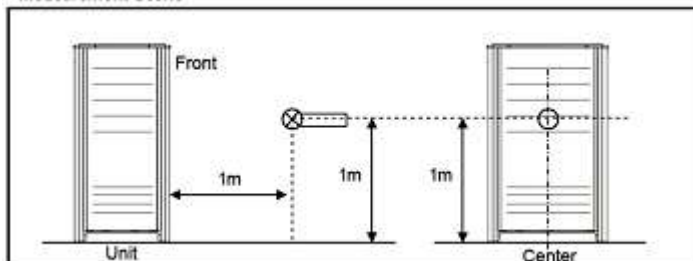
Cooling / Heating

64.3 / 65.6

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

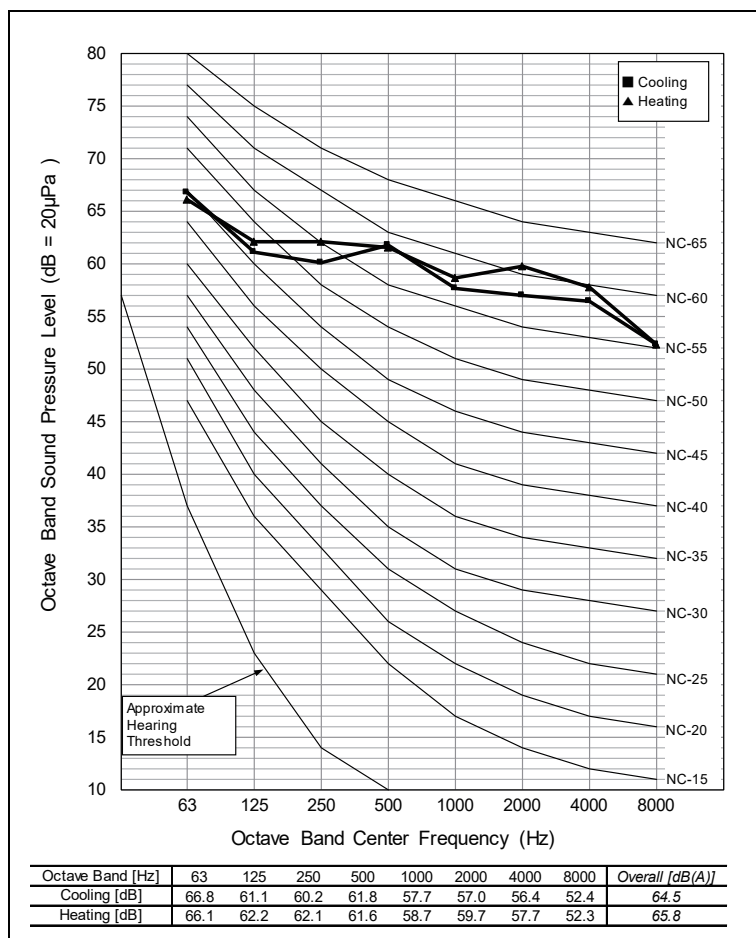
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM380LTE6



#### Sound level [ dB(A), @ Standard condition ]

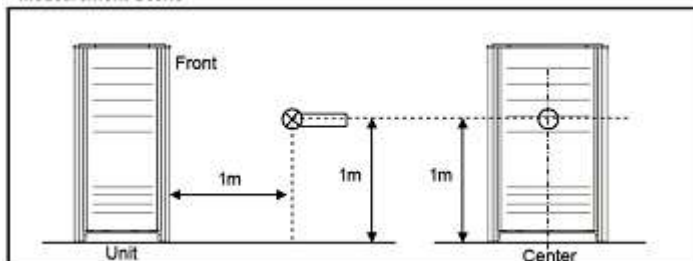
Cooling / Heating

64.5 / 65.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

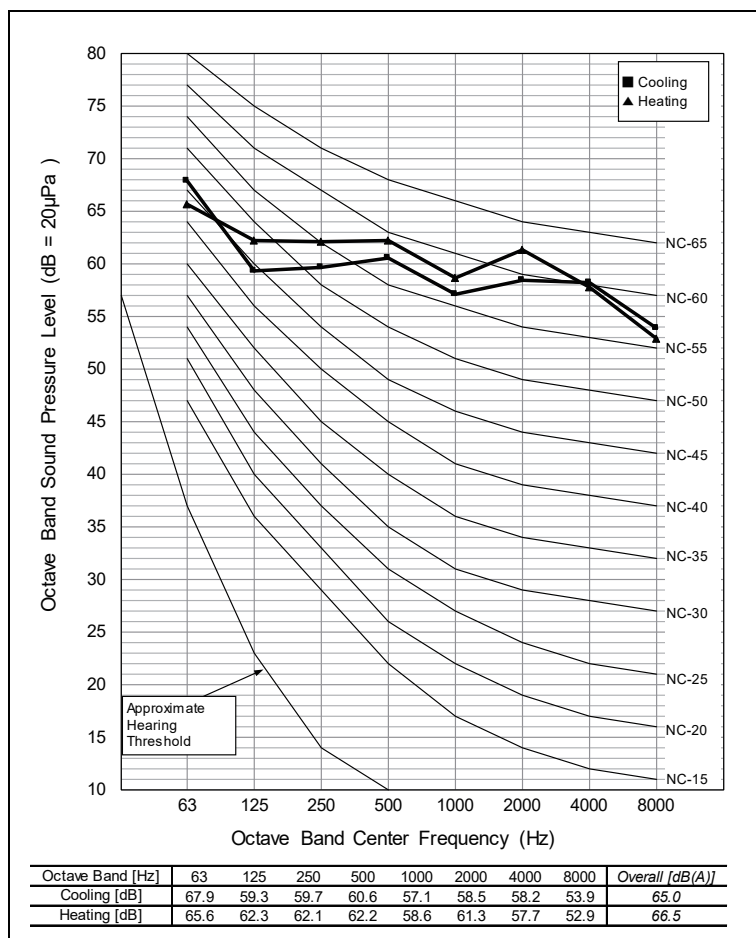
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM400LTE6



#### Sound level [ dB(A), @ Standard condition ]

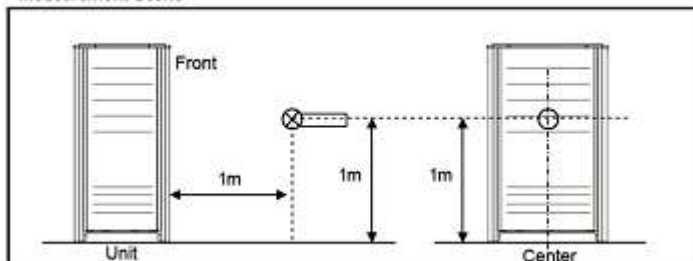
Cooling / Heating

65 / 66.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

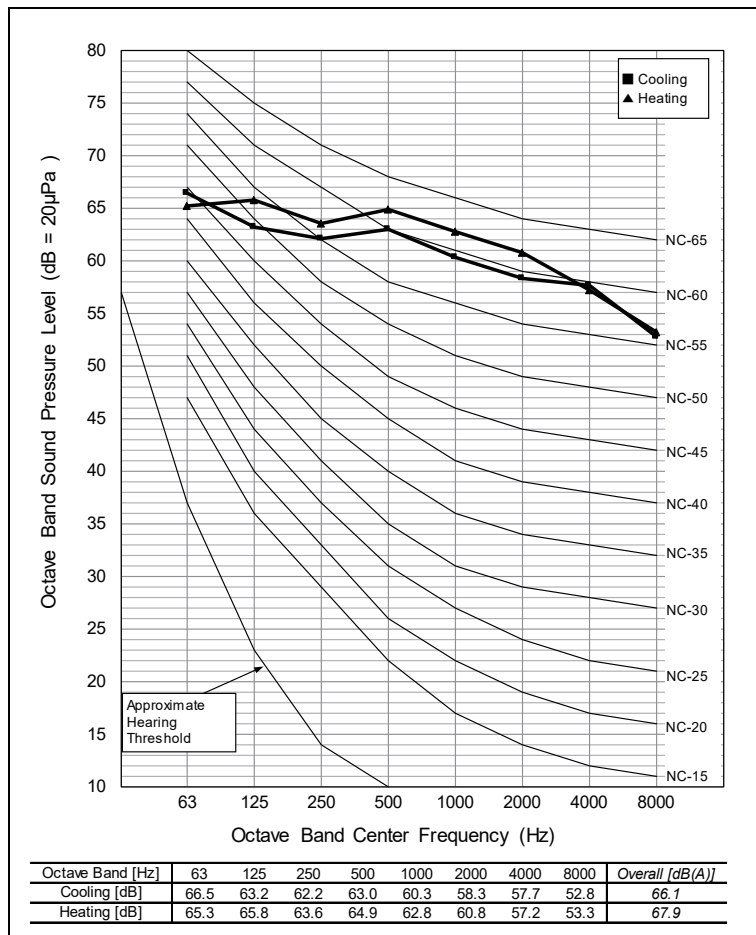
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM420LTE6



#### Sound level [ dB(A), @ Standard condition ]

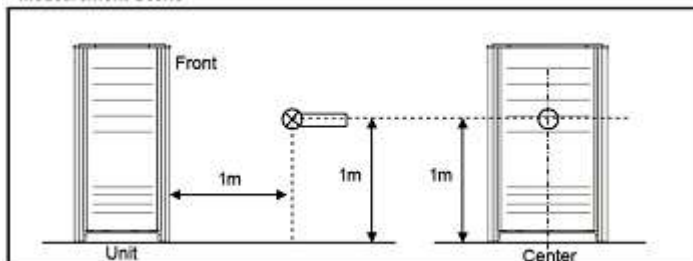
Cooling / Heating

66.1 / 67.9

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

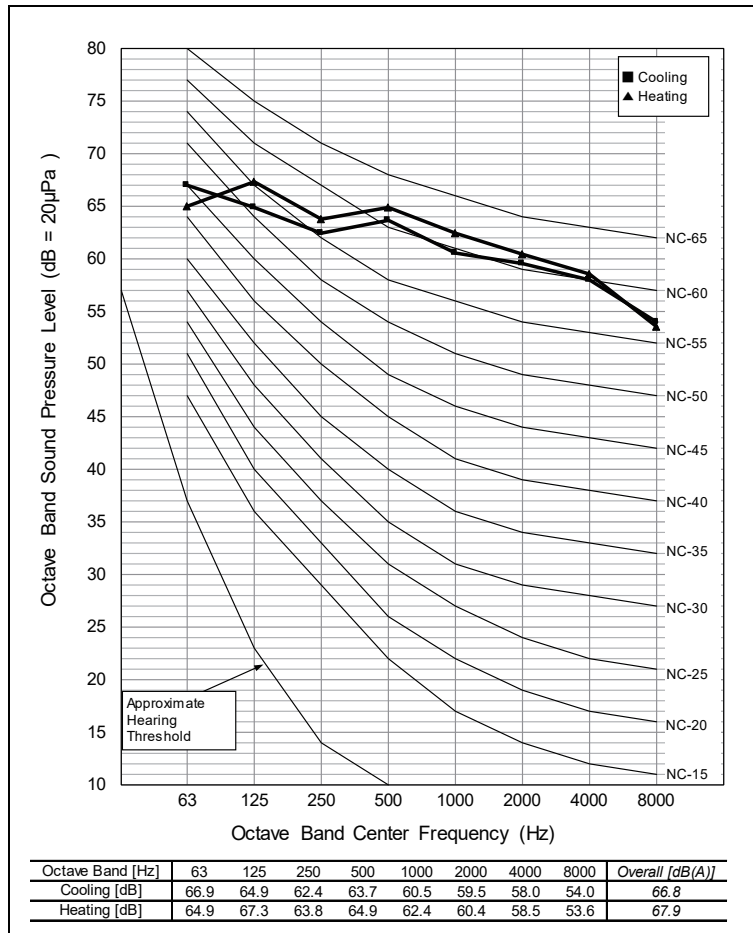
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM440LTE6



#### Sound level [ dB(A), @ Standard condition ]

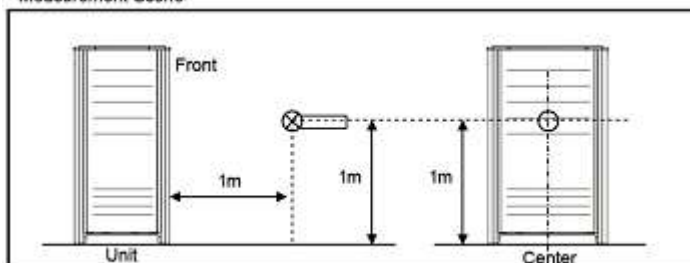
Cooling / Heating

66.8 / 67.9

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

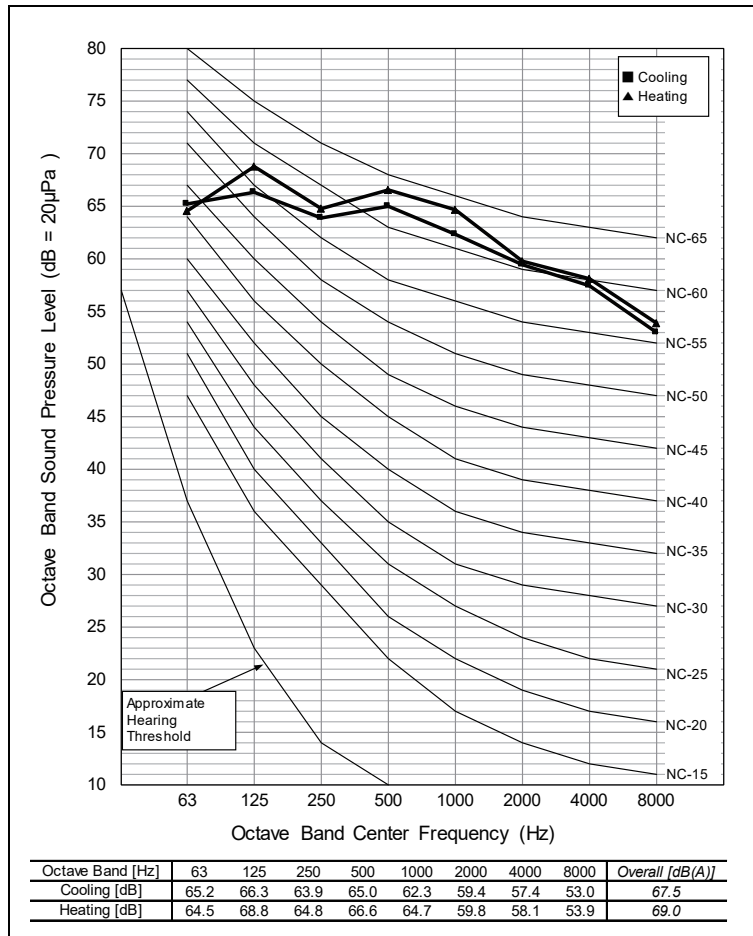
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM460LTE6



#### Sound level [ dB(A), @ Standard condition ]

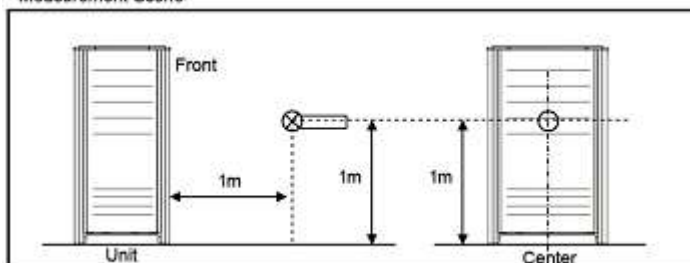
Cooling / Heating

67.5 / 69

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

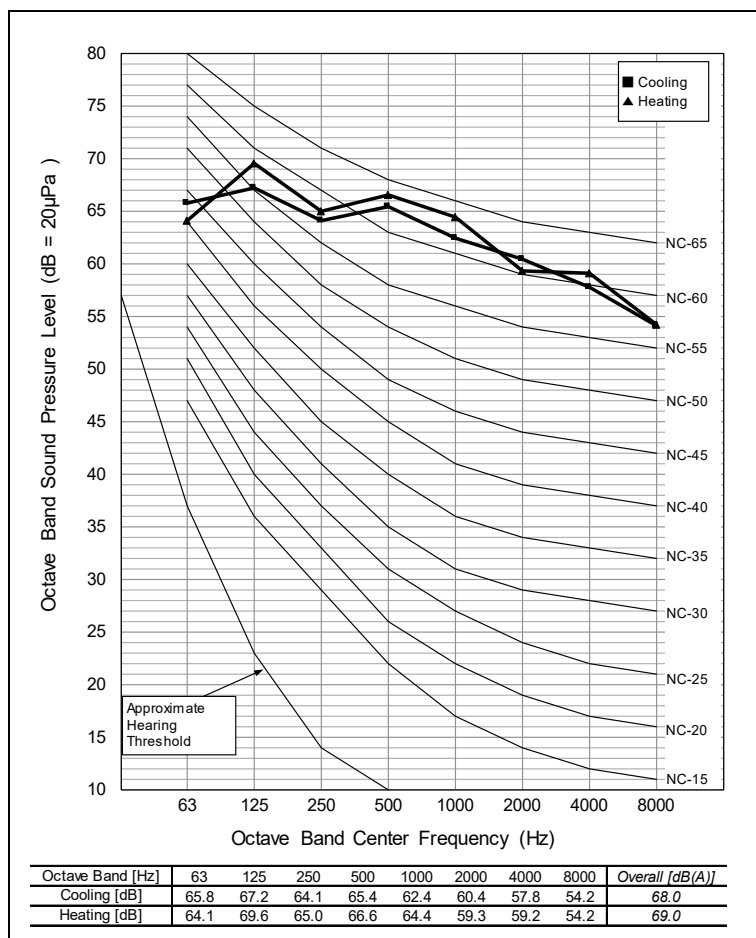
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM480LTE6



#### Sound level [ dB(A), @ Standard condition ]

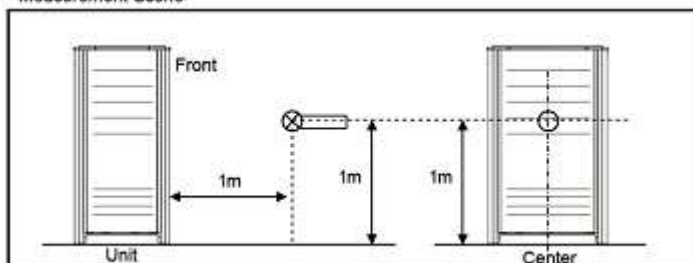
Cooling / Heating

68.0 / 69.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

#### <Measurement Scene>

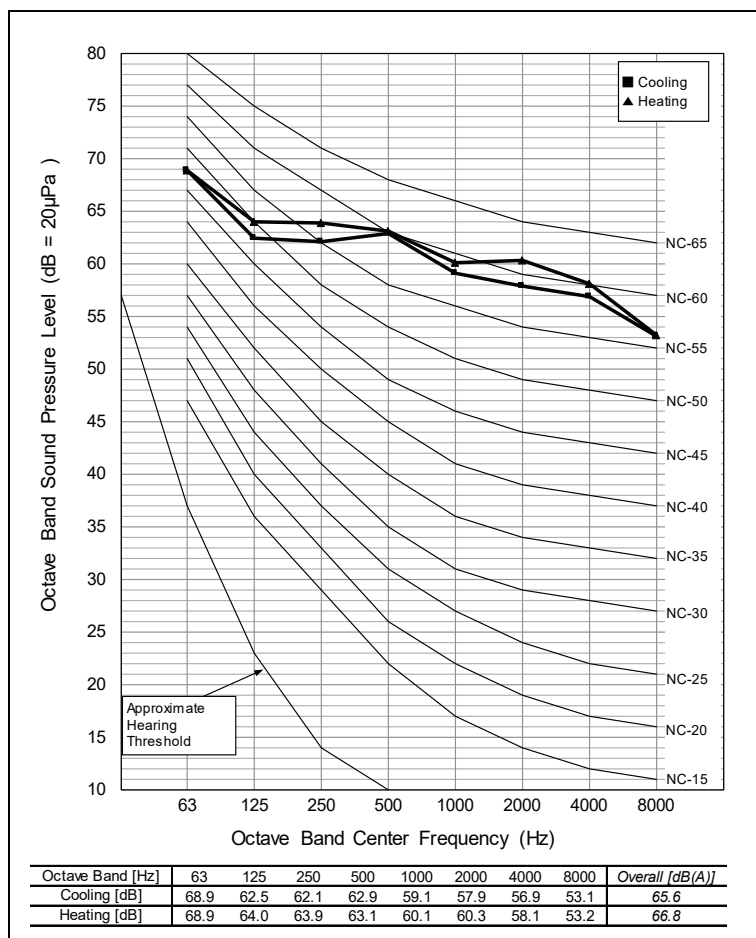


※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### ARUM500LTE6



#### Sound level [ dB(A), @ Standard condition ]

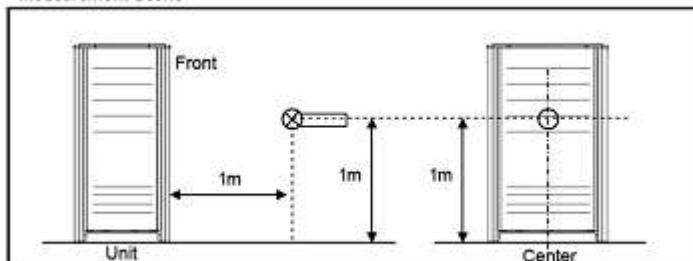
Cooling / Heating

65.6 / 66.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

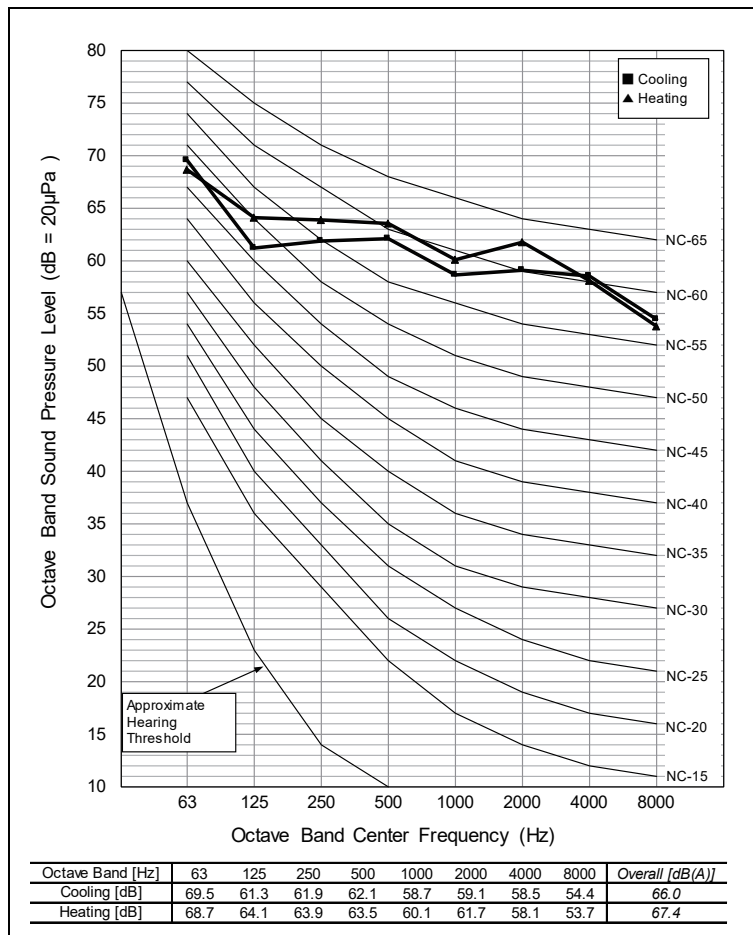
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM520LTE6



#### Sound level [ dB(A), @ Standard condition ]

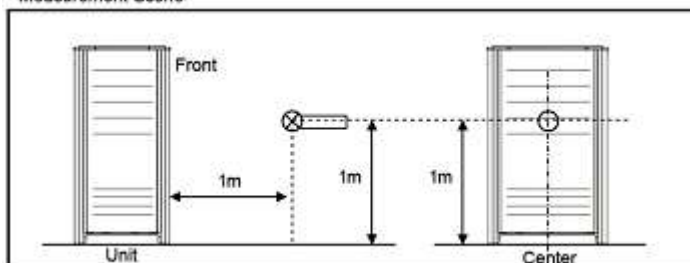
Cooling / Heating

66 / 67.4

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

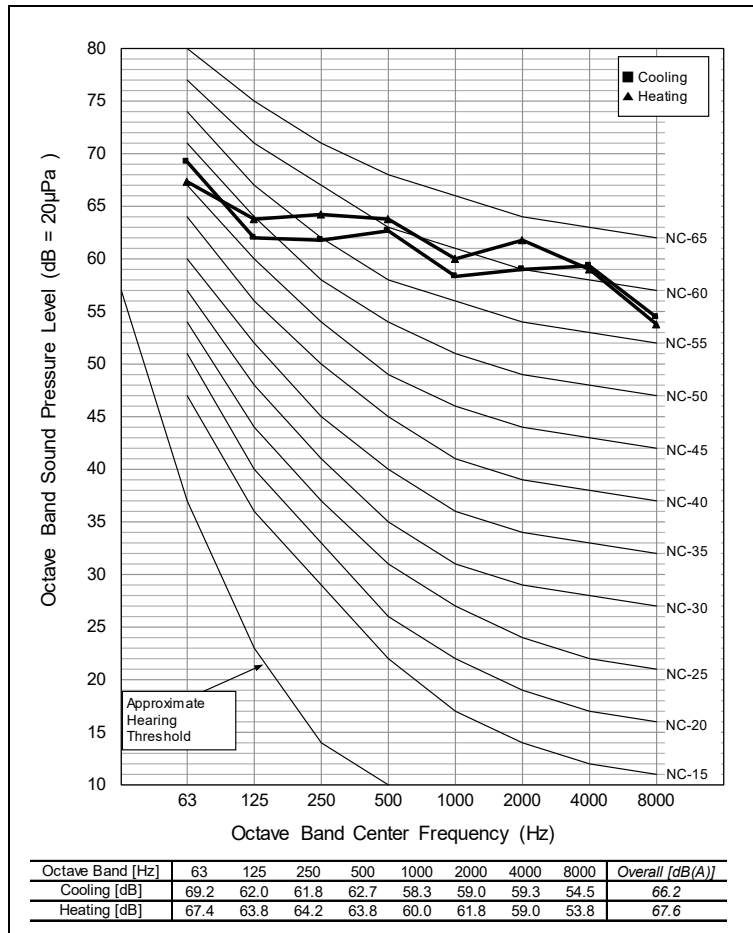
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM540LTE6



Sound level [ dB(A), @ Standard condition ]

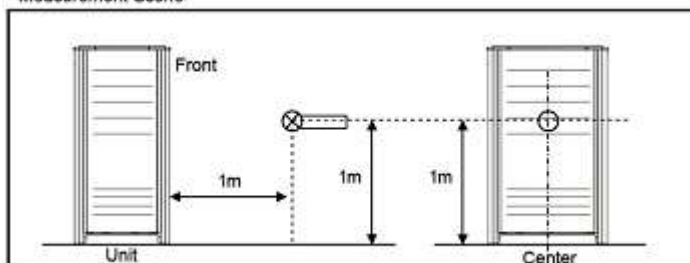
Cooling / Heating

66.2 / 67.6

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

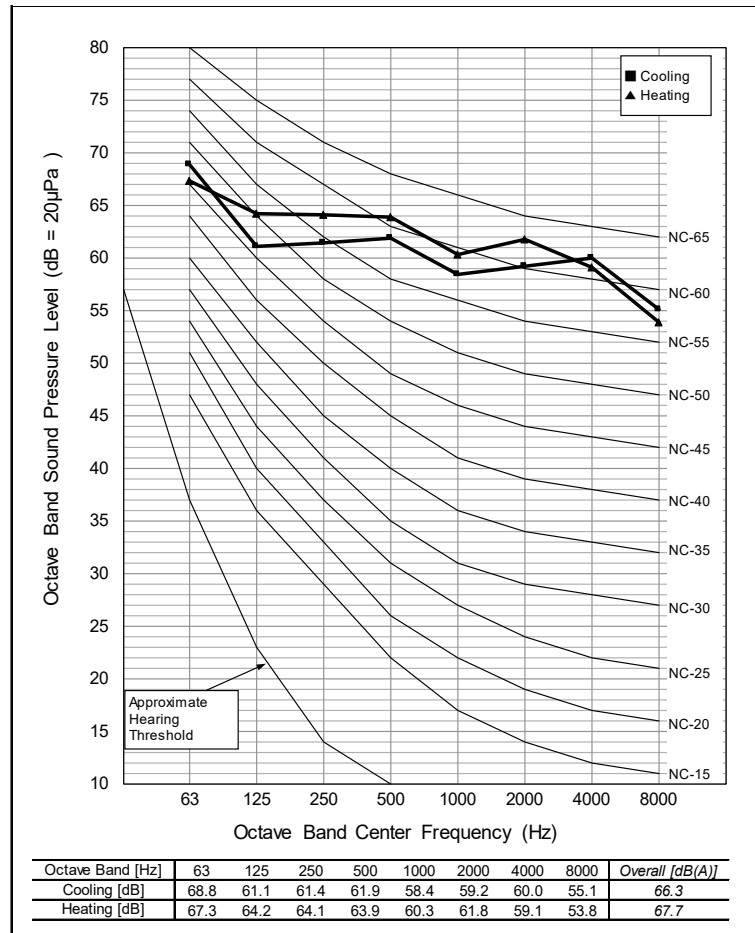
<Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM560LTE6



#### Sound level [ dB(A), @ Standard condition ]

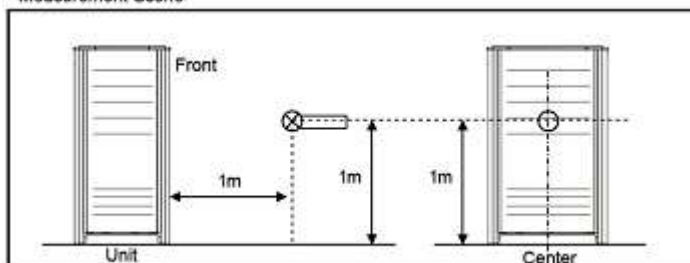
Cooling / Heating

66.3 / 67.7

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

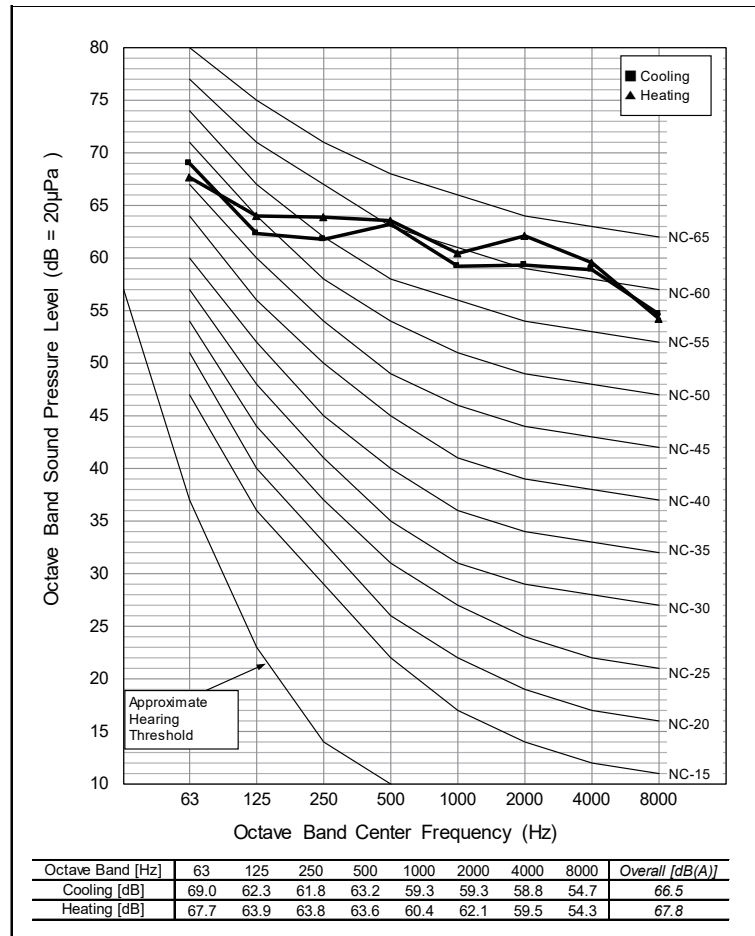
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM580LTE6



Sound level [ dB(A), @ Standard condition ]

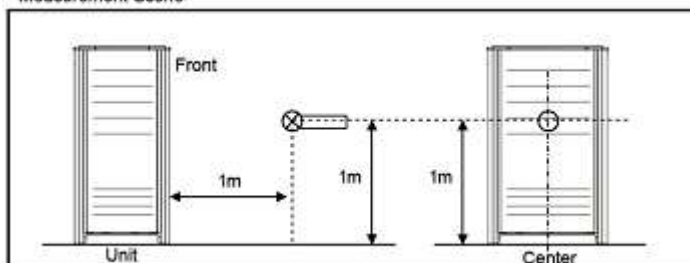
Cooling / Heating

66.5 / 67.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

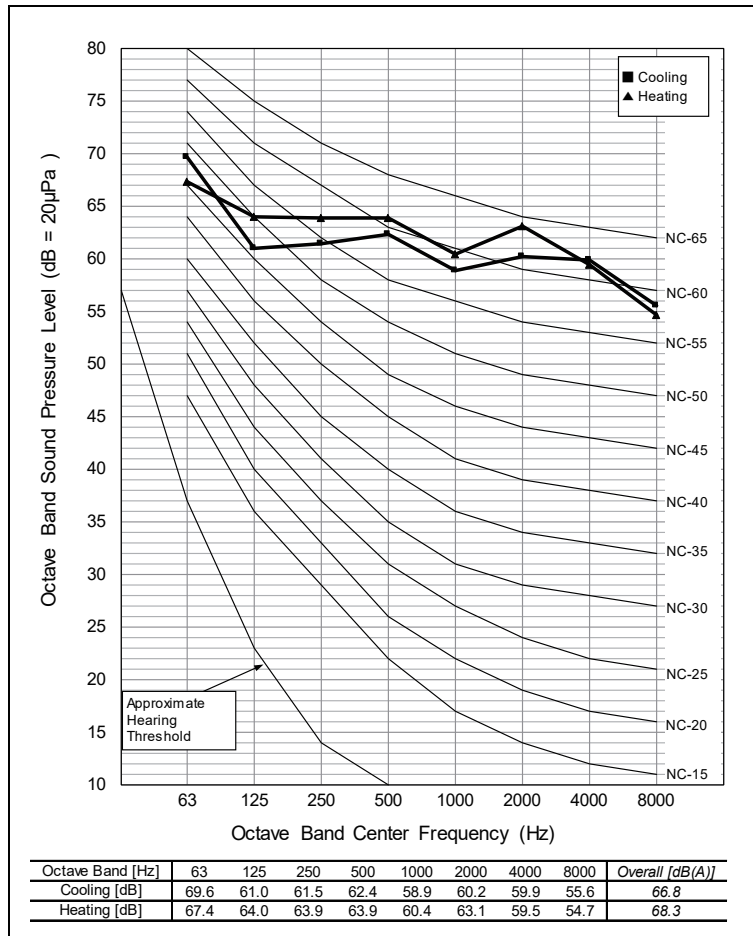
<Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM600LTE6



#### Sound level [ dB(A), @ Standard condition ]

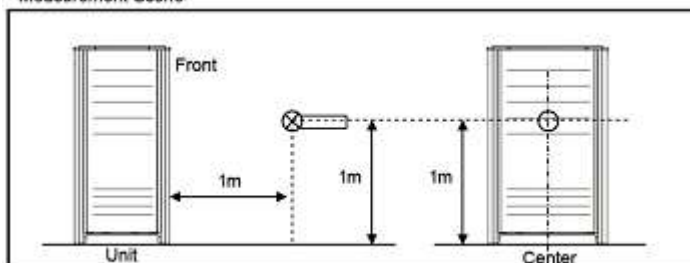
Cooling / Heating

66.8 / 68.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

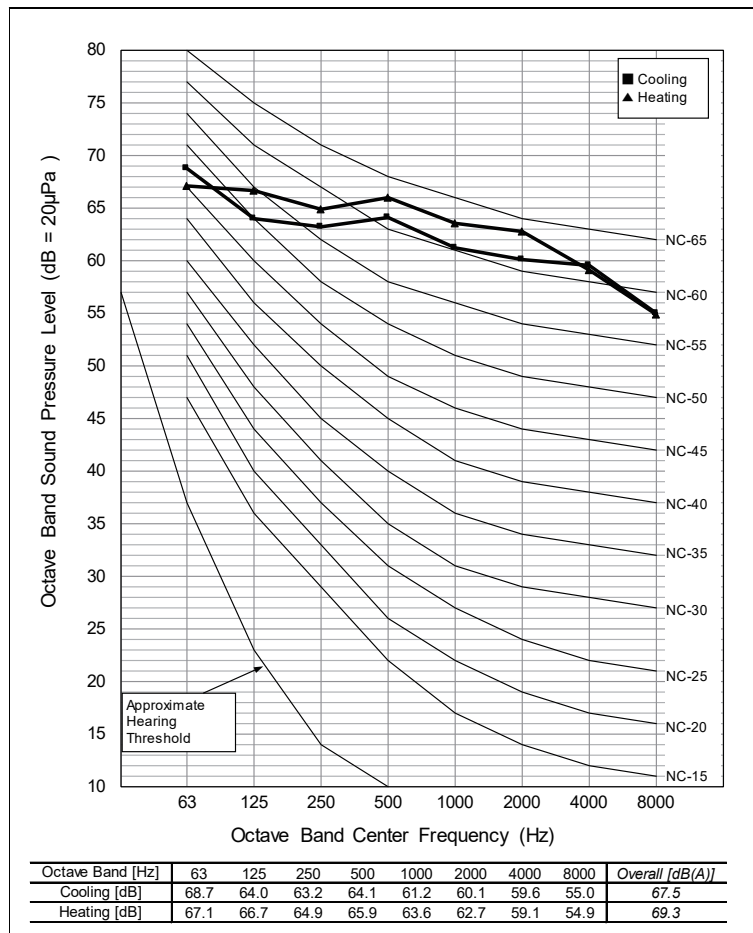
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM620LTE6



#### Sound level [ dB(A), @ Standard condition ]

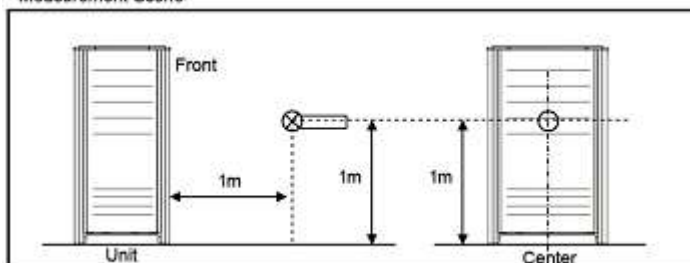
Cooling / Heating

67.5 / 69.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

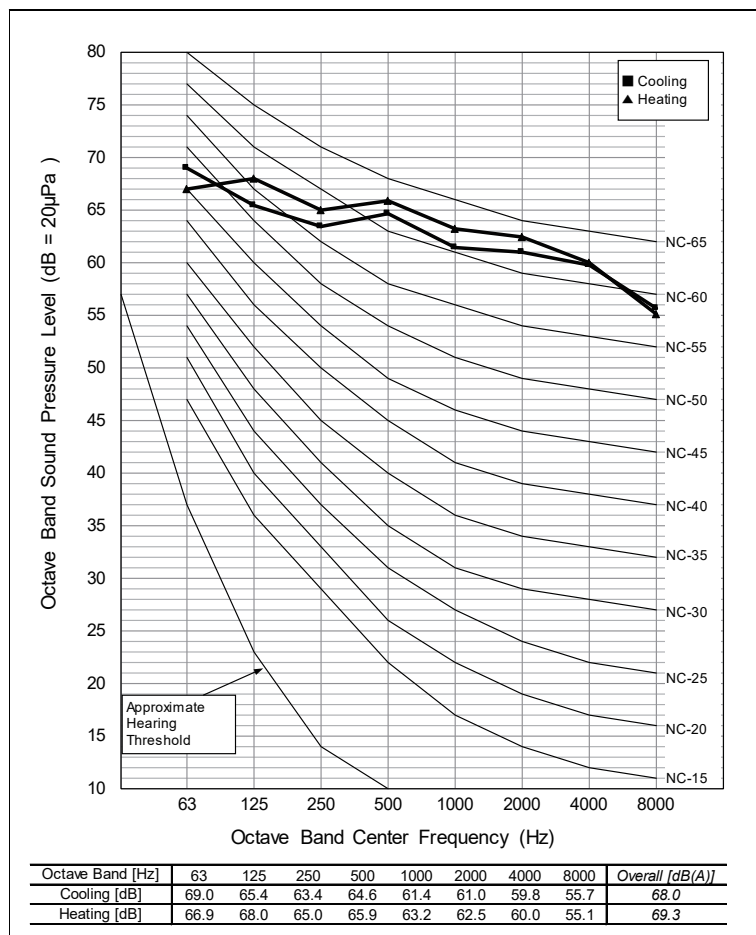
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM640LTE6



Sound level [ dB(A), @ Standard condition ]

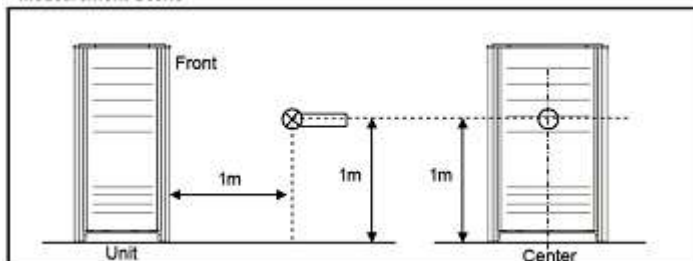
Cooling / Heating

68 / 69.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

<Measurement Scene>

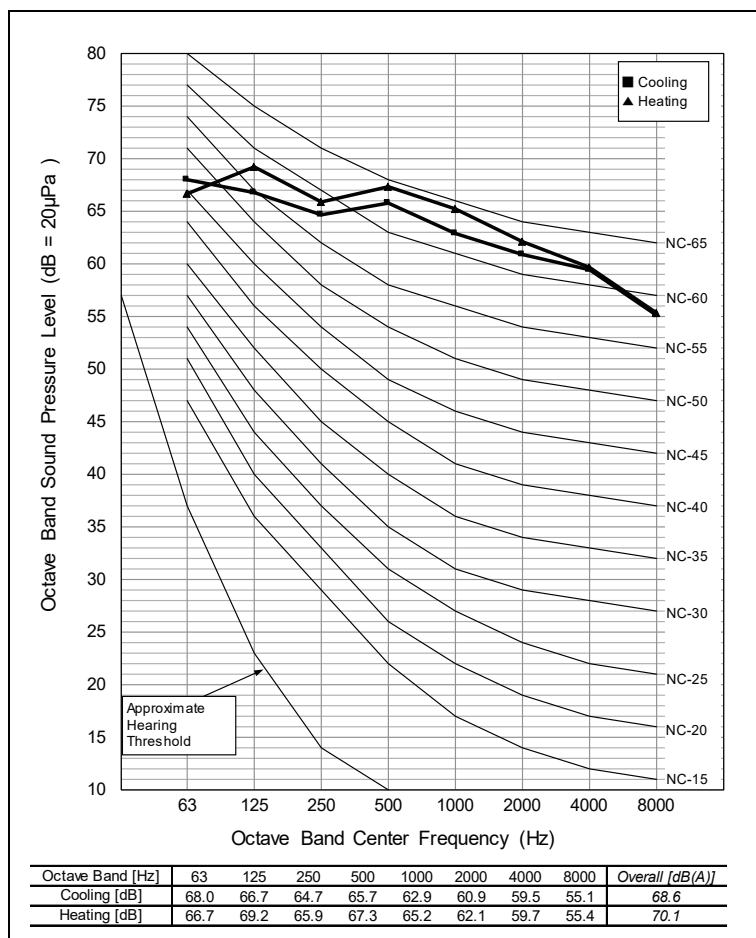


※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### ARUM660LTE6



#### Sound level [ dB(A), @ Standard condition ]

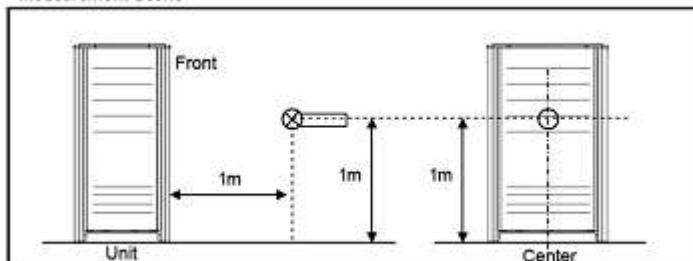
Cooling / Heating

68.6 / 70.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

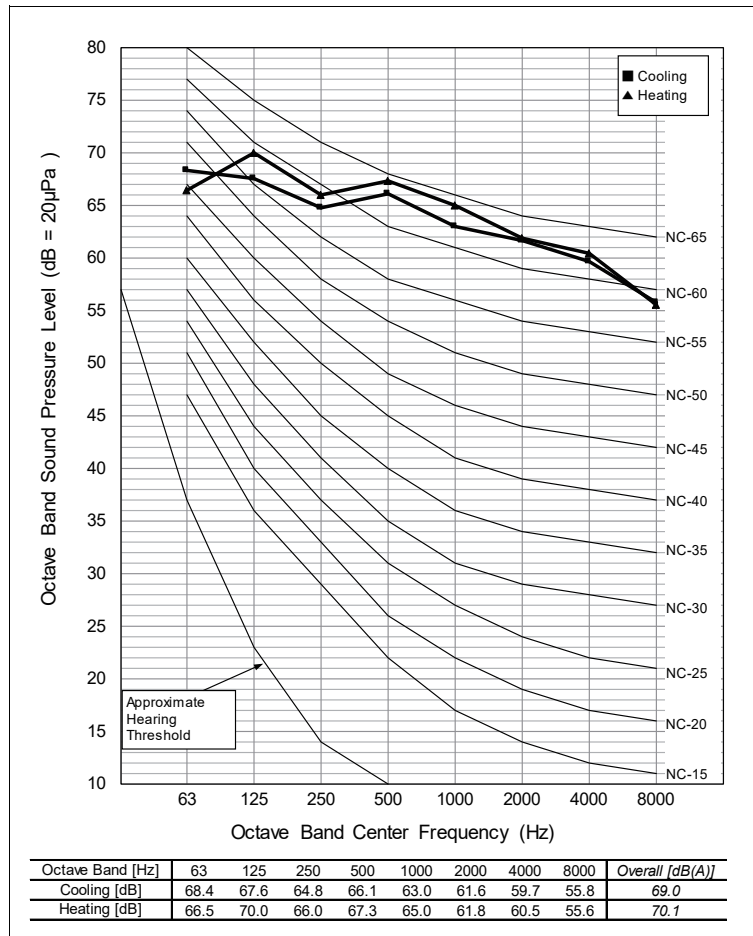
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM680LTE6



Sound level [ dB(A), @ Standard condition ]

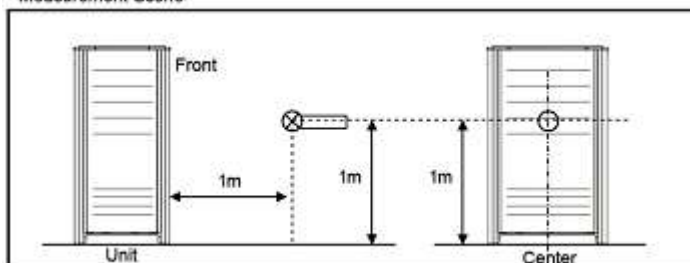
Cooling / Heating

69 / 70.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

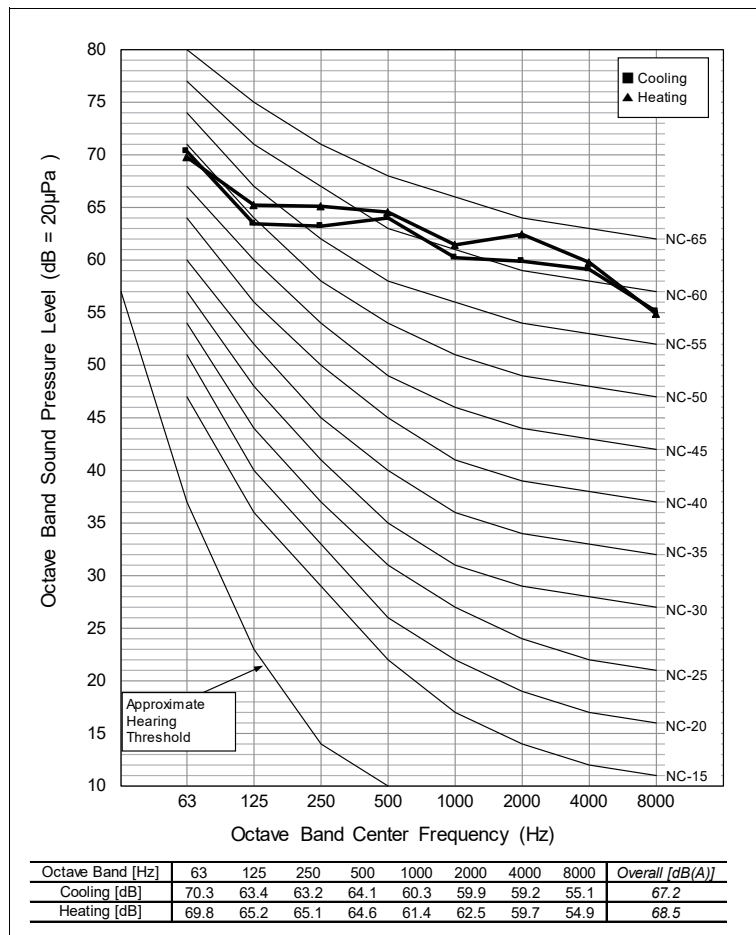
<Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM700LTE6



#### Sound level [ dB(A), @ Standard condition ]

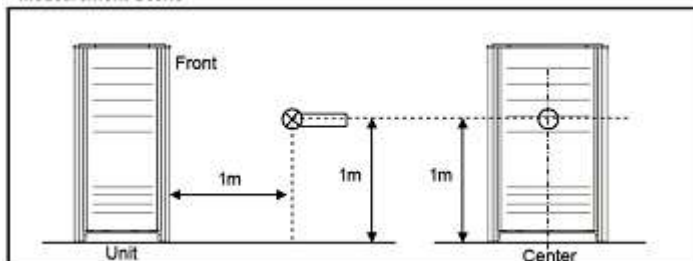
Cooling / Heating

67.2 / 68.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

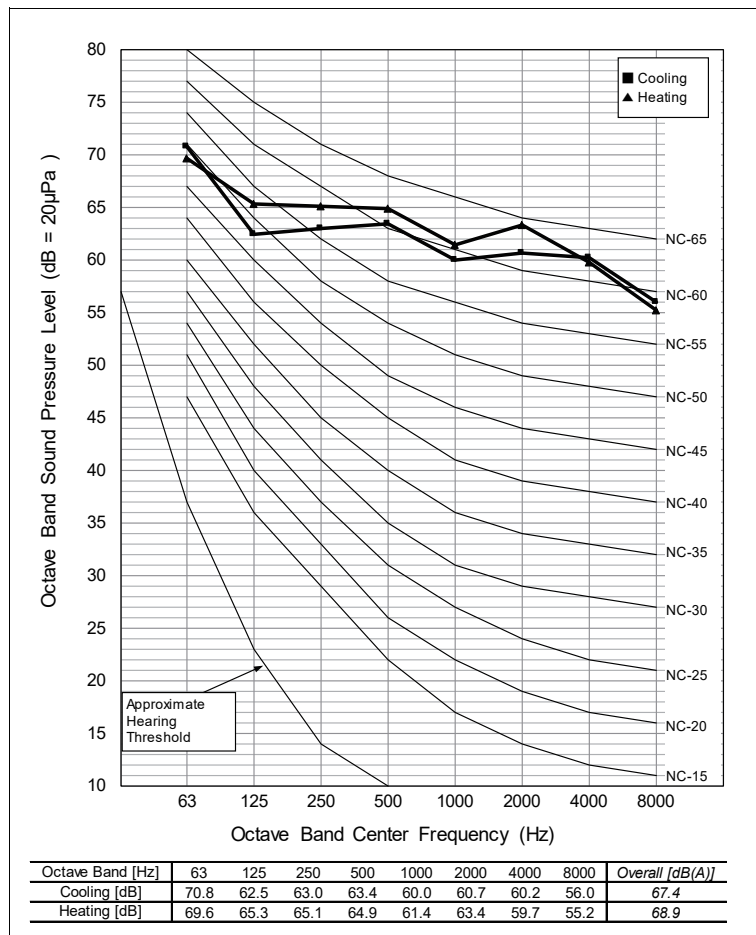
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM720LTE6



#### Sound level [ dB(A), @ Standard condition ]

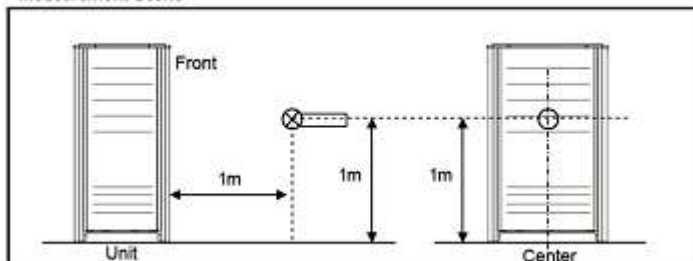
Cooling / Heating

67.4 / 68.9

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

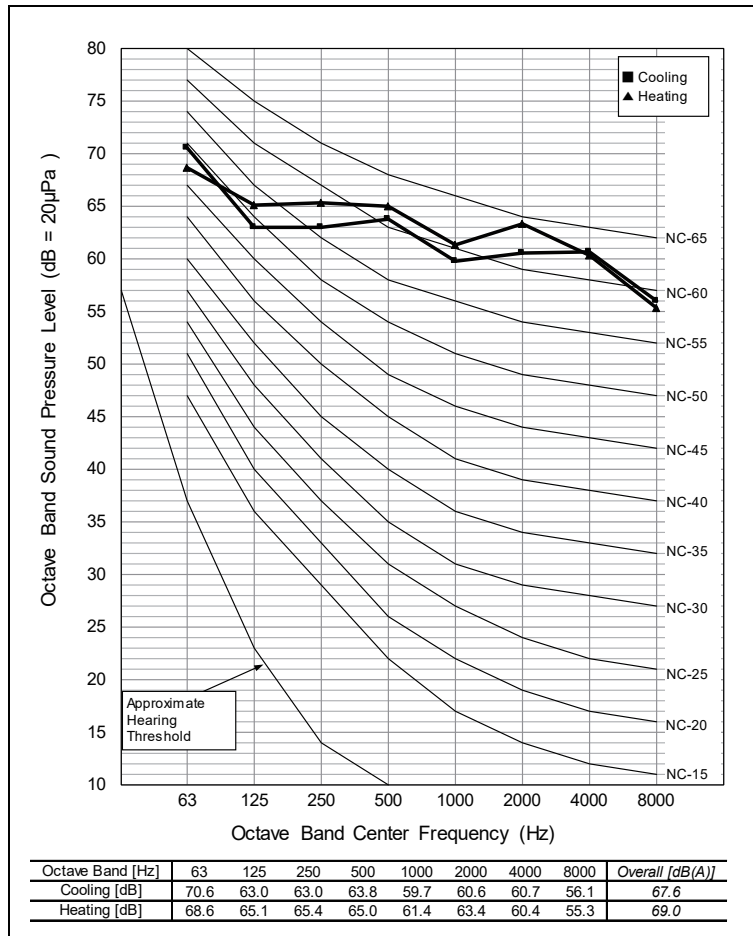
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM740LTE6



#### Sound level [ dB(A), @ Standard condition ]

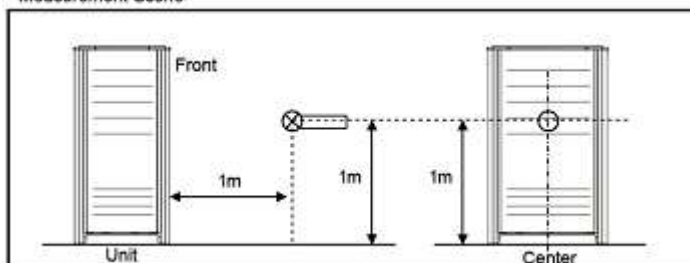
Cooling / Heating

67.6 / 69

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

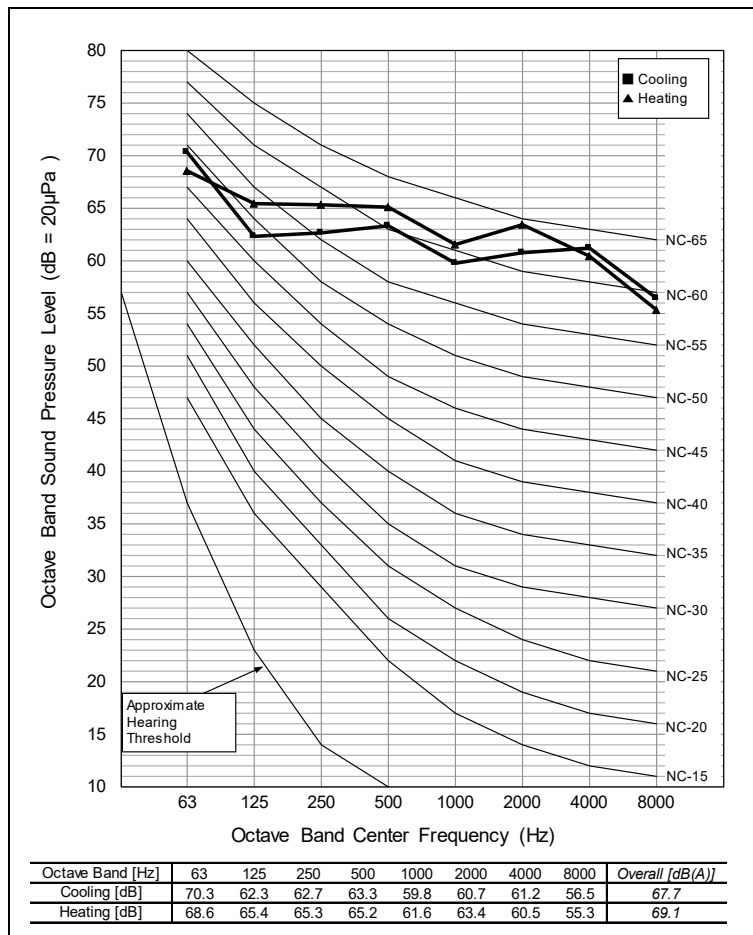
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM760LTE6



#### Sound level [ dB(A), @ Standard condition ]

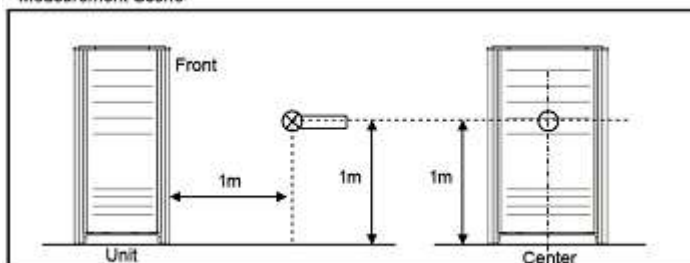
Cooling / Heating

67.7 / 69.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

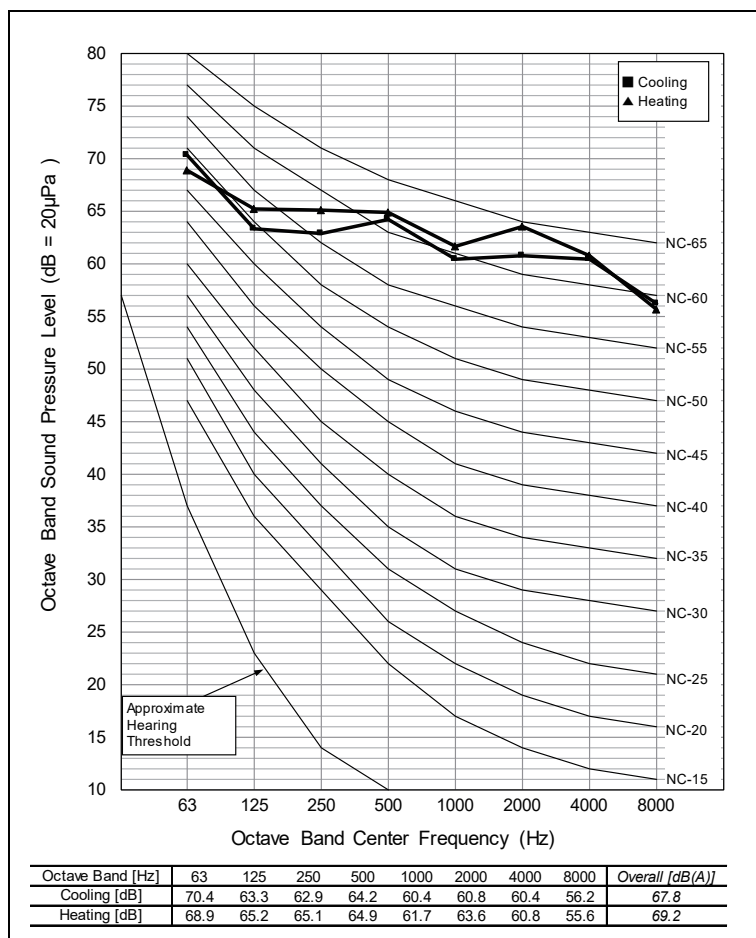
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM780LTE6



#### Sound level [ dB(A), @ Standard condition ]

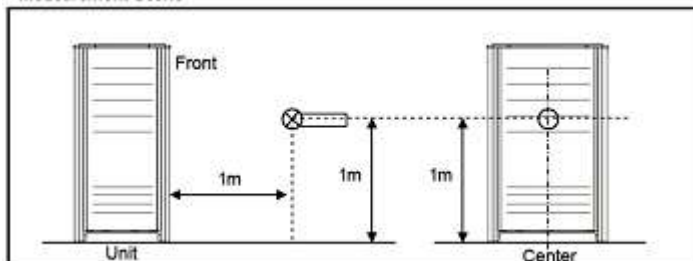
Cooling / Heating

67.8 / 69.2

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

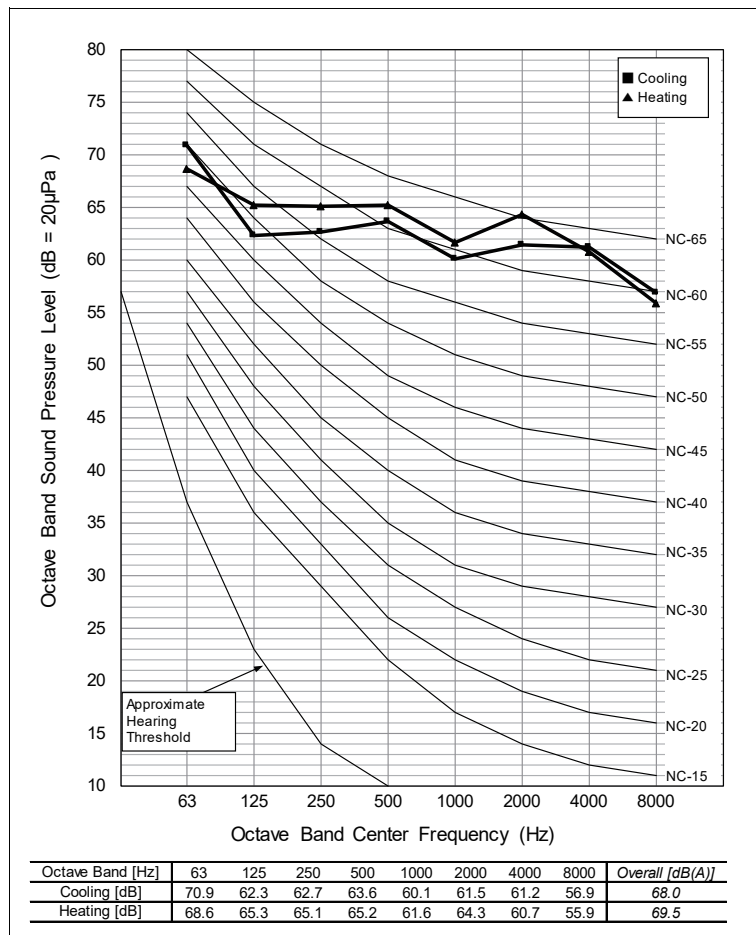
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM800LTE6



Sound level [ dB(A), @ Standard condition ]

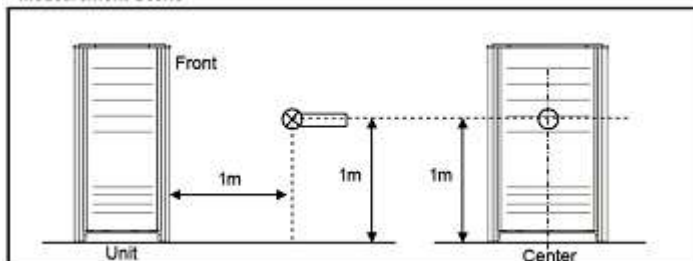
Cooling / Heating

68 / 69.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

<Measurement Scene>

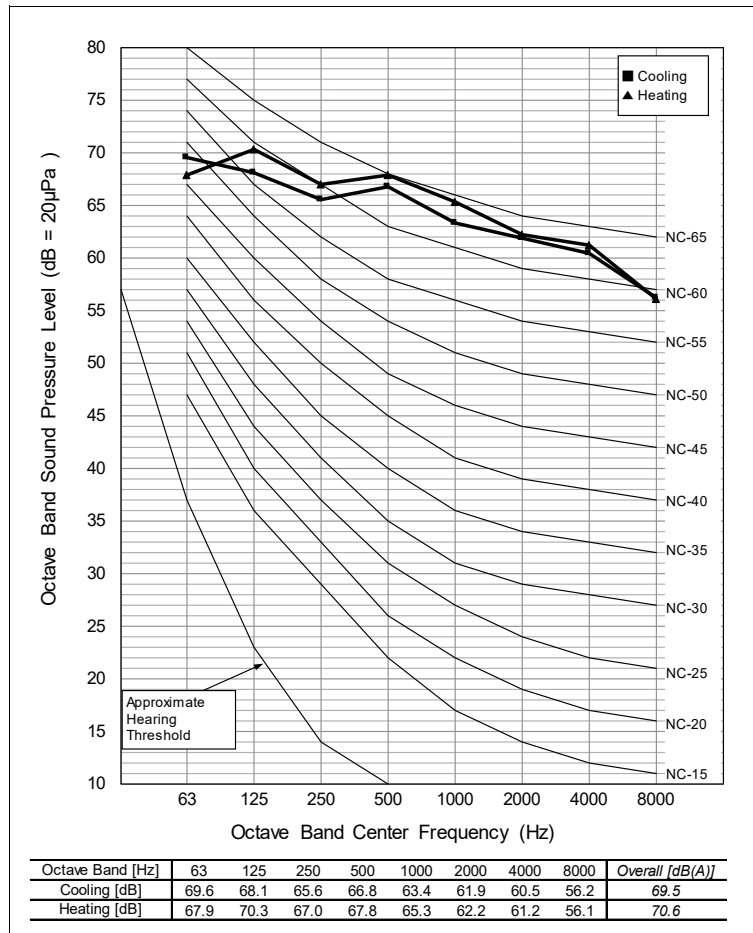


※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### ARUM820LTE6



#### Sound level [ dB(A), @ Standard condition ]

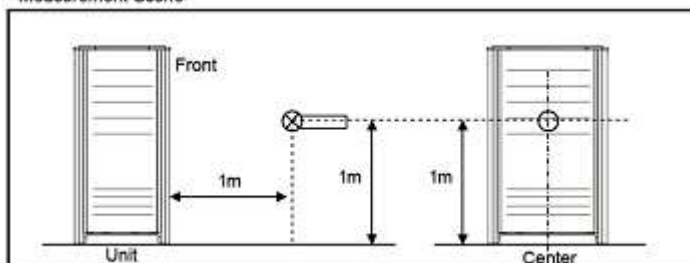
Cooling / Heating

69.5 / 70.6

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

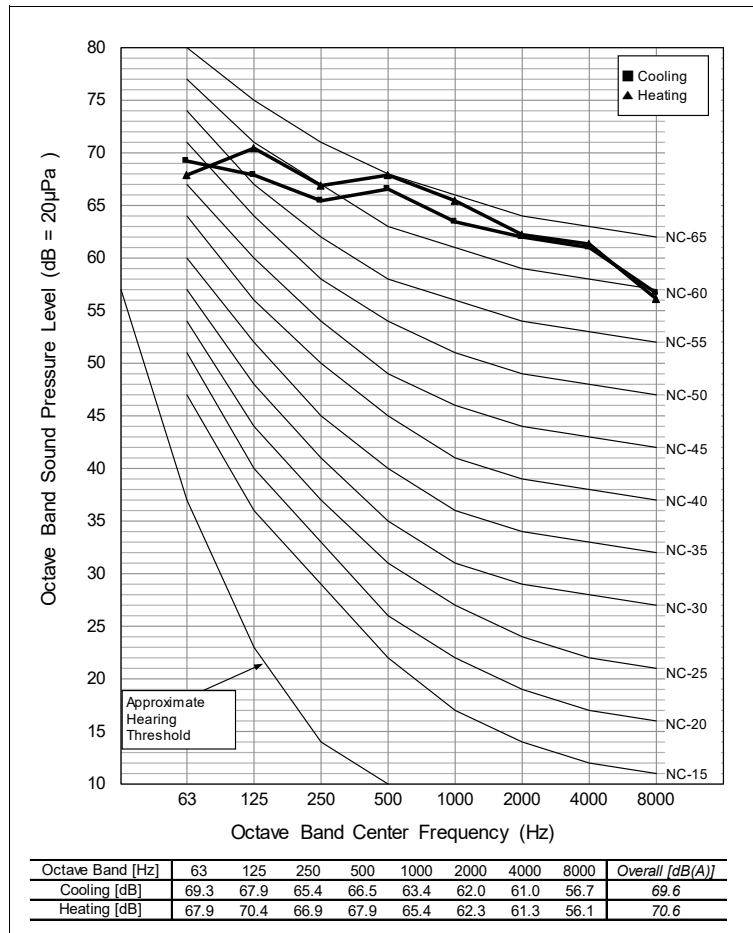
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM840LTE6



#### Sound level [ dB(A), @ Standard condition ]

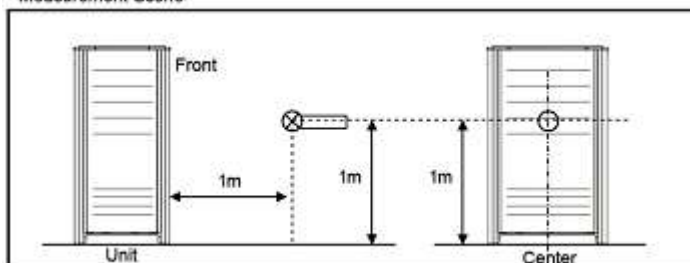
Cooling / Heating

69.6 / 70.6

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

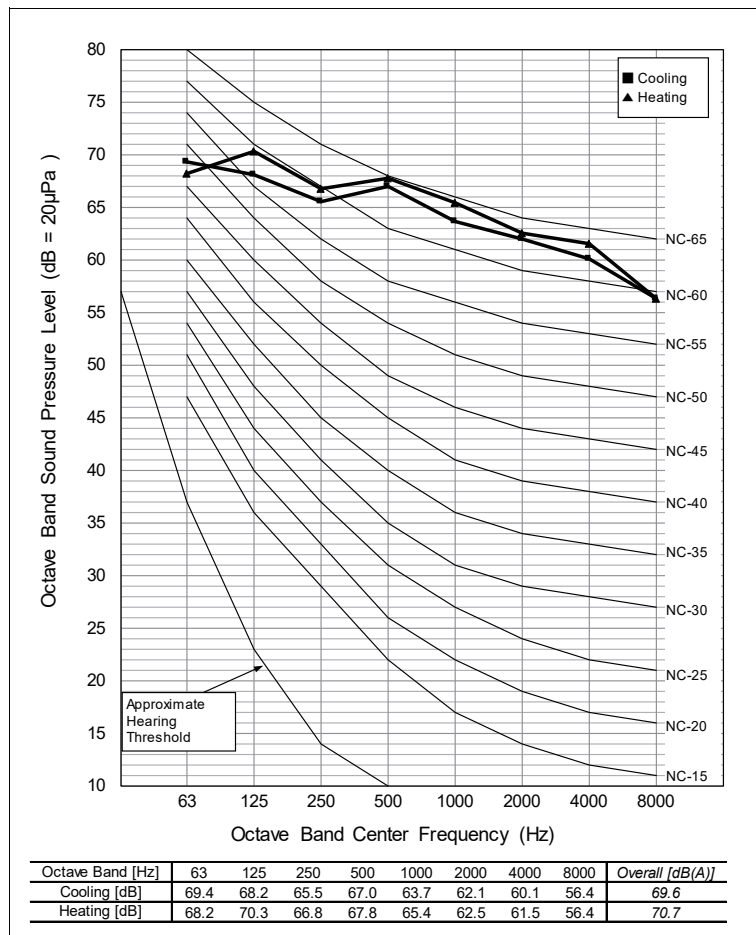
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM860LTE6



#### Sound level [ dB(A), @ Standard condition ]

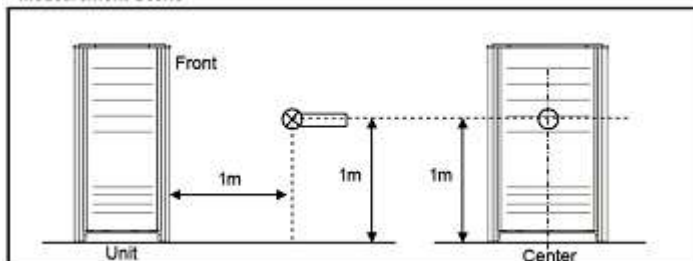
Cooling / Heating

69.6 / 70.7

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

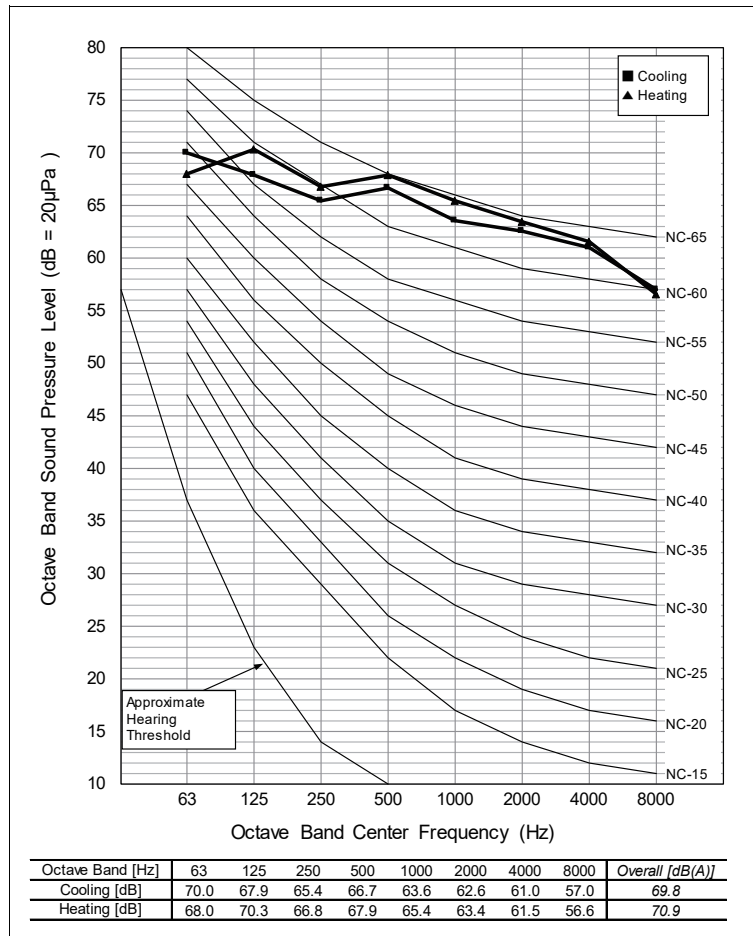
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM880LTE6



#### Sound level [ dB(A), @ Standard condition ]

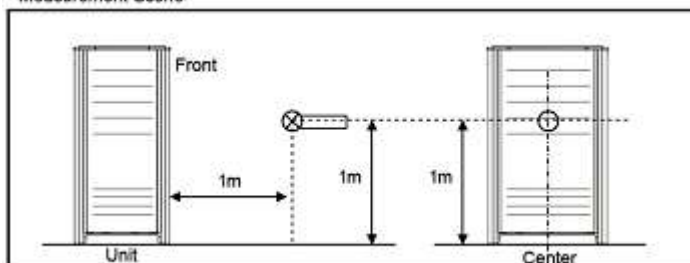
Cooling / Heating

69.8 / 70.9

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

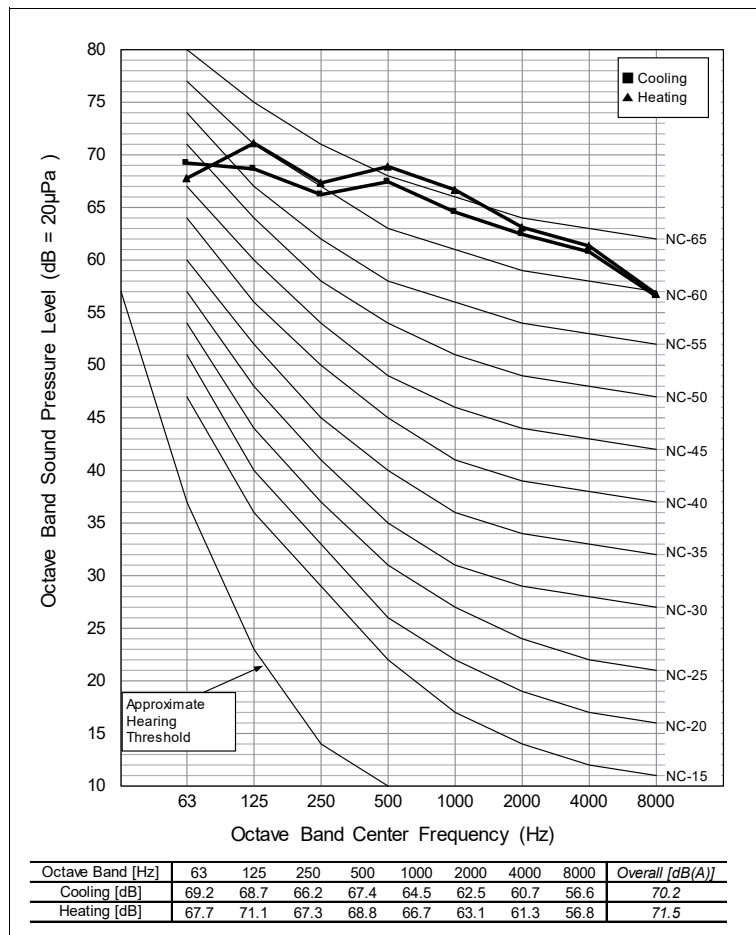
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM900LTE6



#### Sound level [ dB(A), @ Standard condition ]

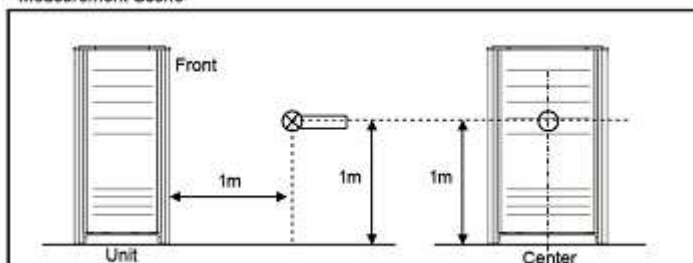
Cooling / Heating

70.2 / 71.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

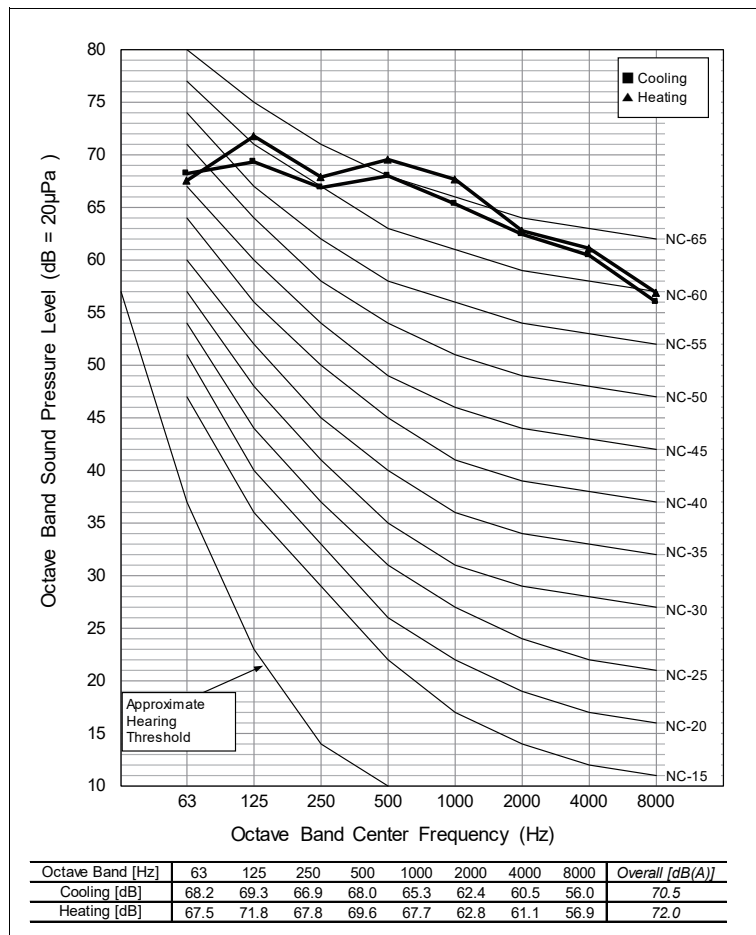
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM920LTE6



#### Sound level [ dB(A), @ Standard condition ]

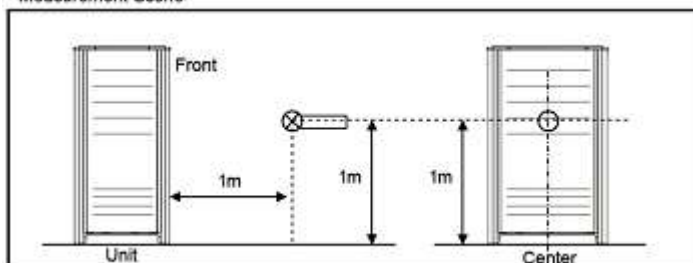
Cooling / Heating

70.5 / 72.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

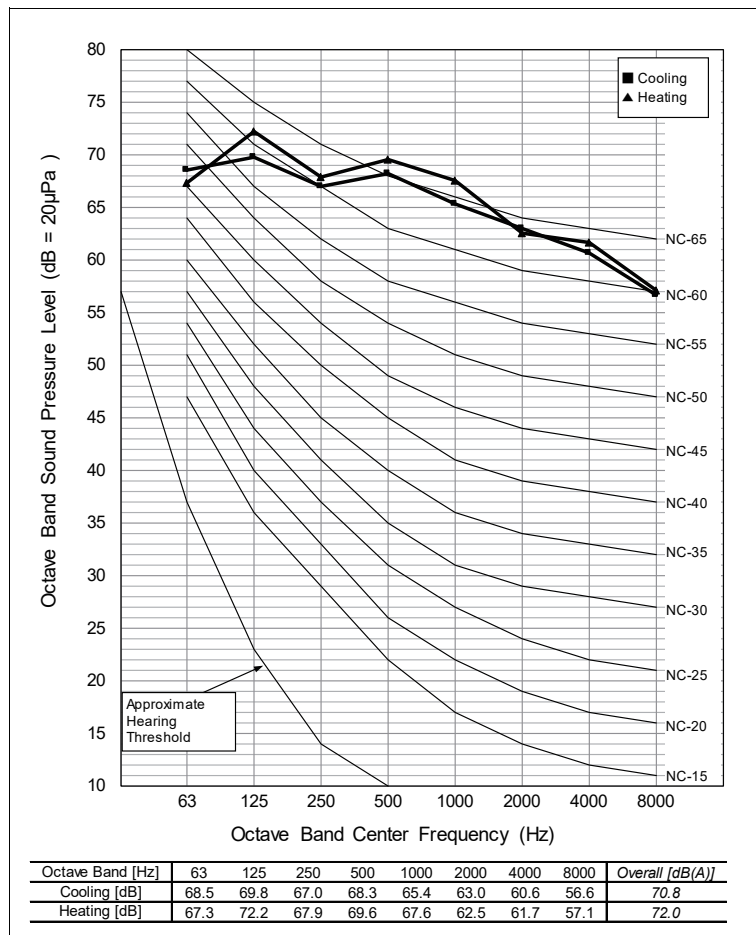
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM940LTE6



#### Sound level [ dB(A), @ Standard condition ]

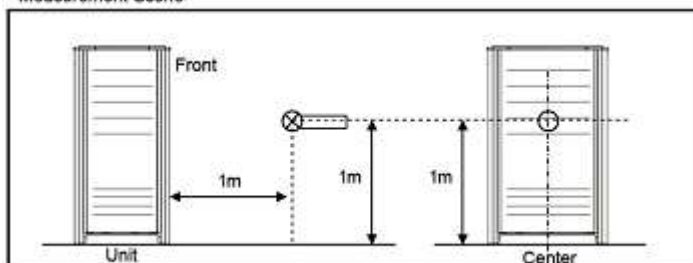
Cooling / Heating

70.8 / 72.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.  
Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

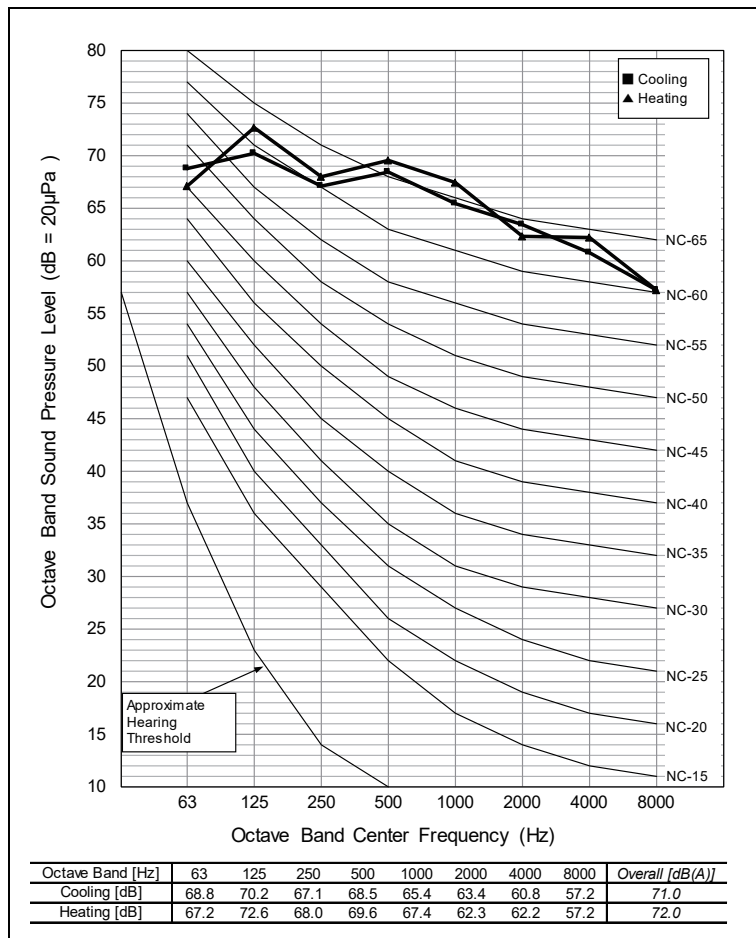
#### <Measurement Scene>



※ External Appearance of unit could be different by each model.

## 10. Sound Levels

### ARUM960LTE6



#### Sound level [ dB(A), @ Standard condition ]

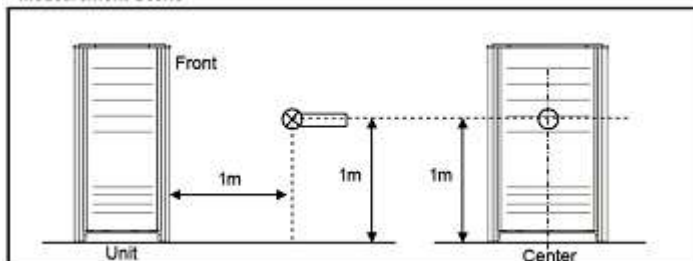
Cooling / Heating

71.0 / 72.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic pressure 0dB = 20μPa.
- Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard. Refer to the model specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound levels can be increased in accordance with installation and operating conditions. (Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction (acoustic absorption coefficient) of particular room in which the equipment is installed.

#### <Measurement Scene>



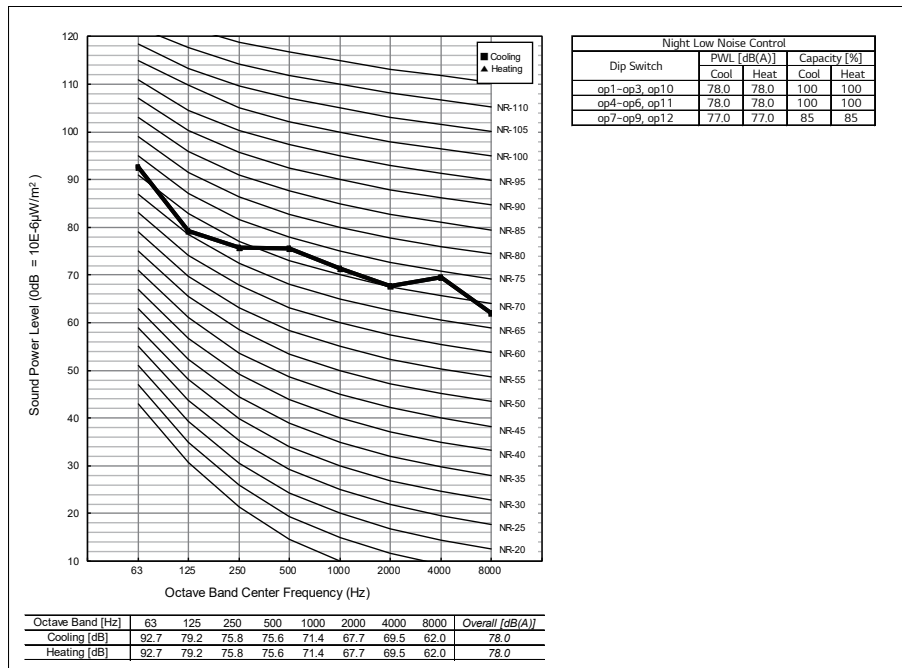
※ External Appearance of unit could be different by each model.



## 10. Sound Levels

### 10.2 Power Levels

#### ARUM080LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

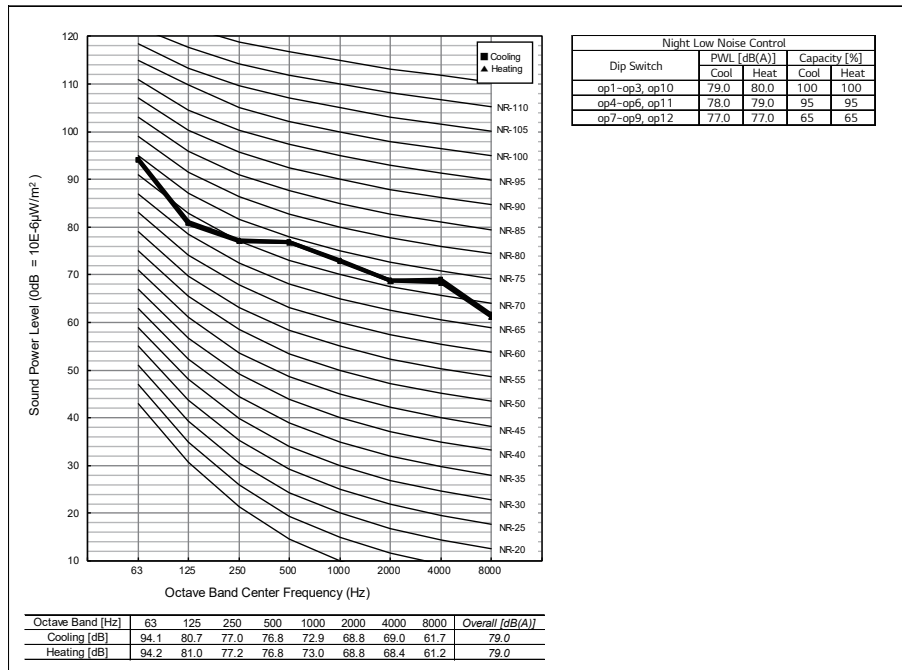
78.0 / 78.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m²
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM100LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

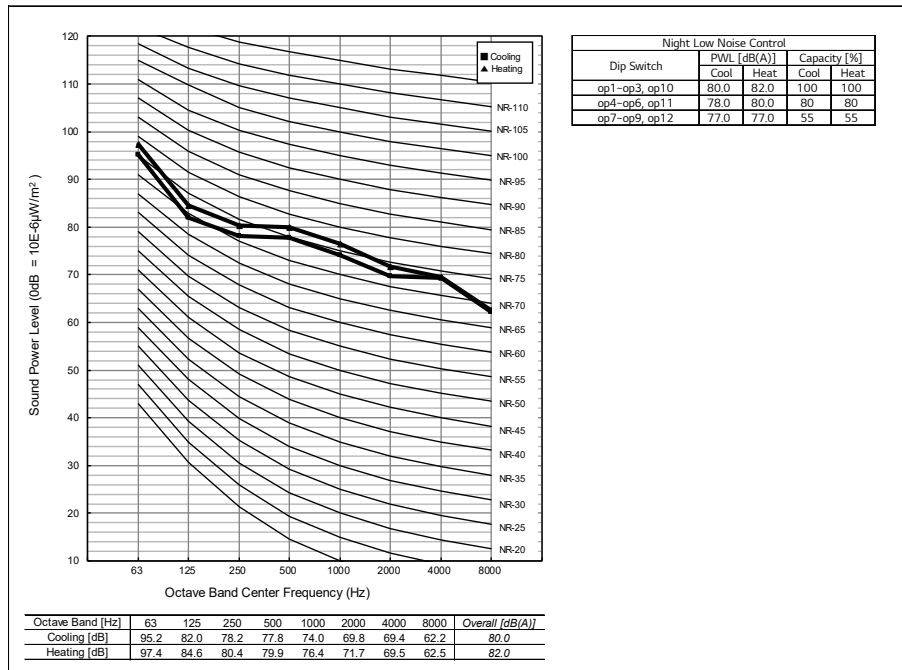
79.0 / 79.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m²
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM120LTE6



Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

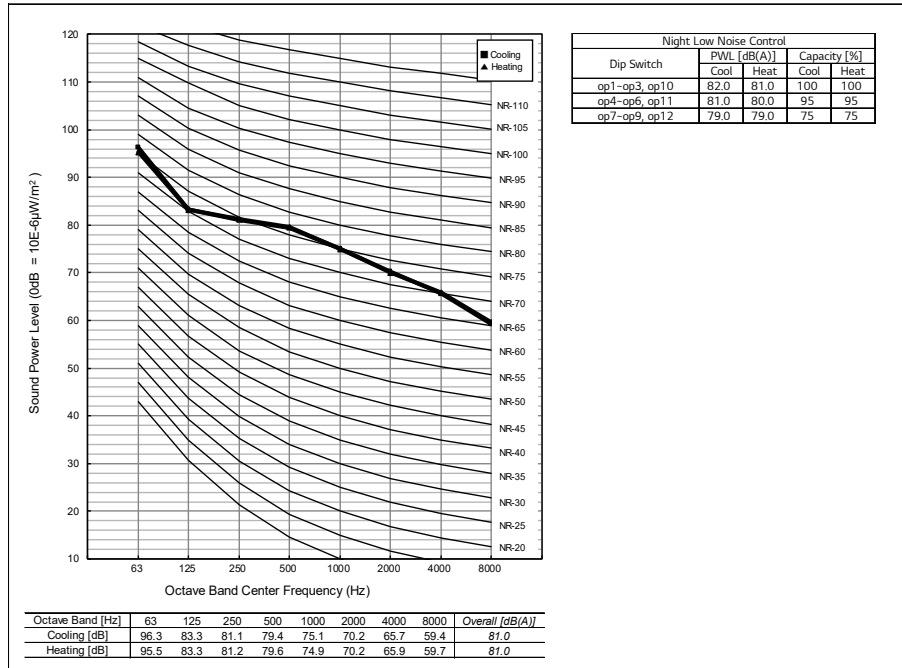
80.0 / 82.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM140LTE6



Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

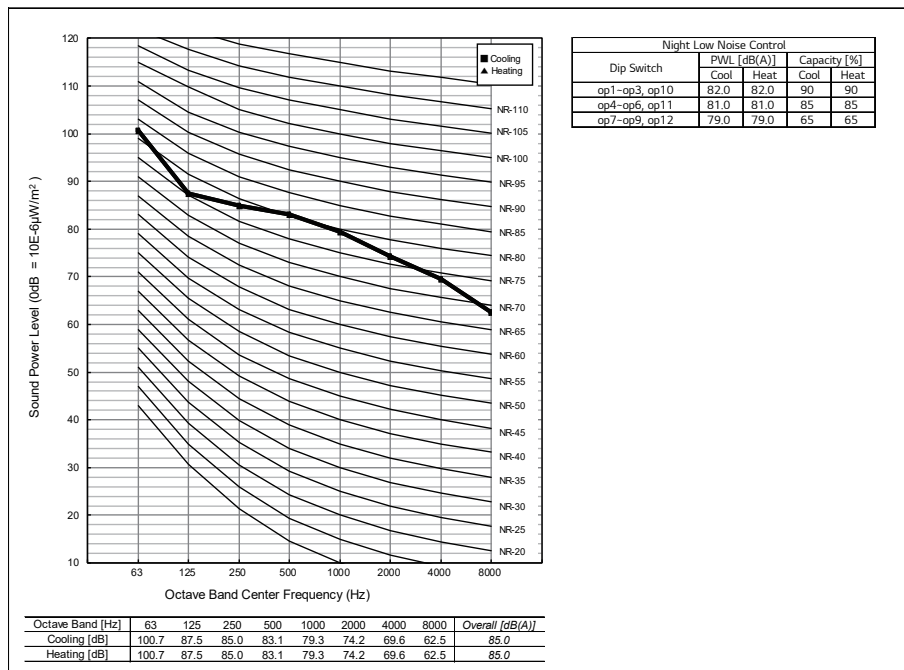
81.0 / 81.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM160LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

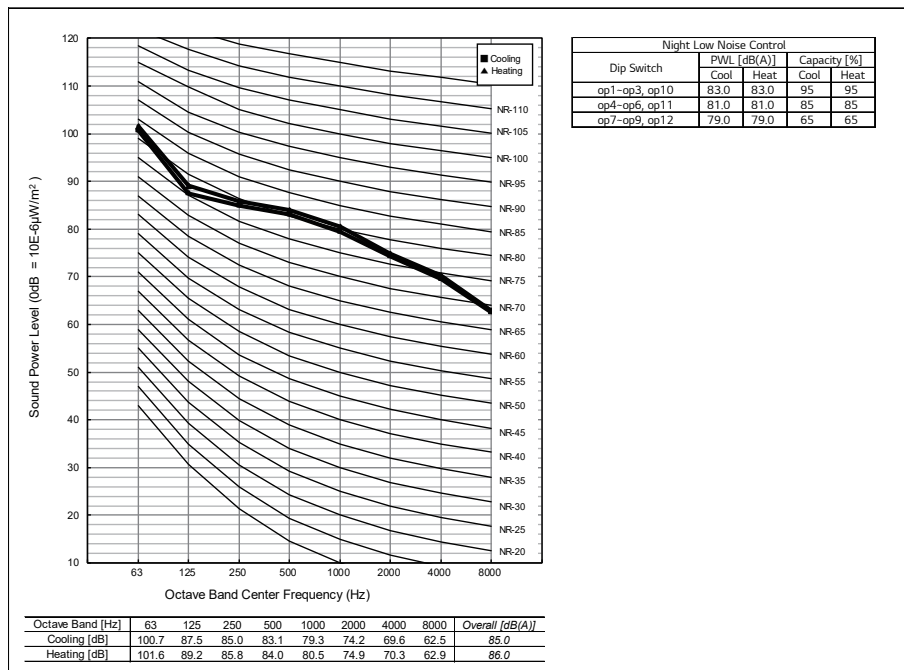
85.0 / 85.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment in installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM180LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

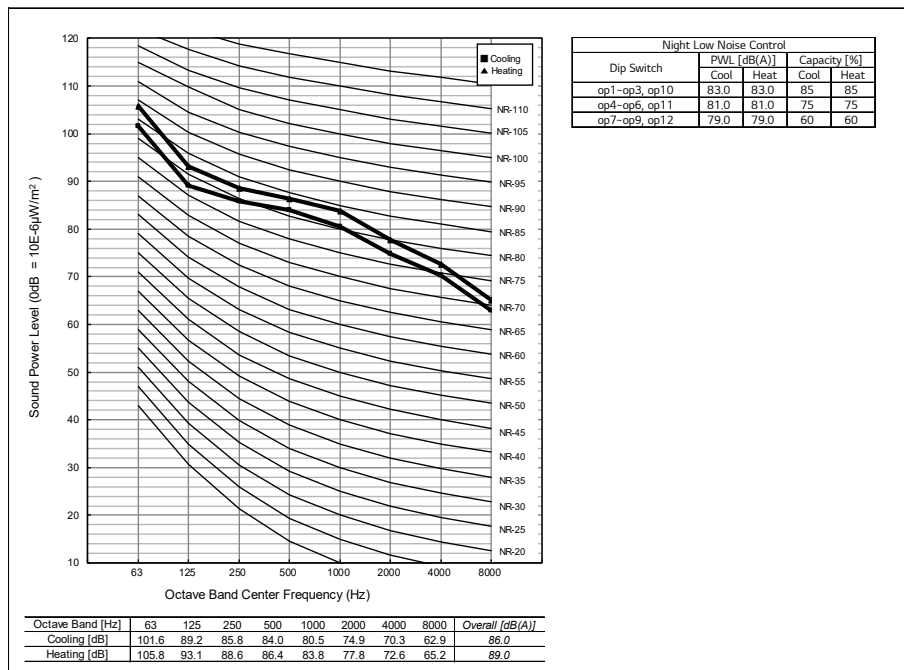
85.0 / 86.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM200LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

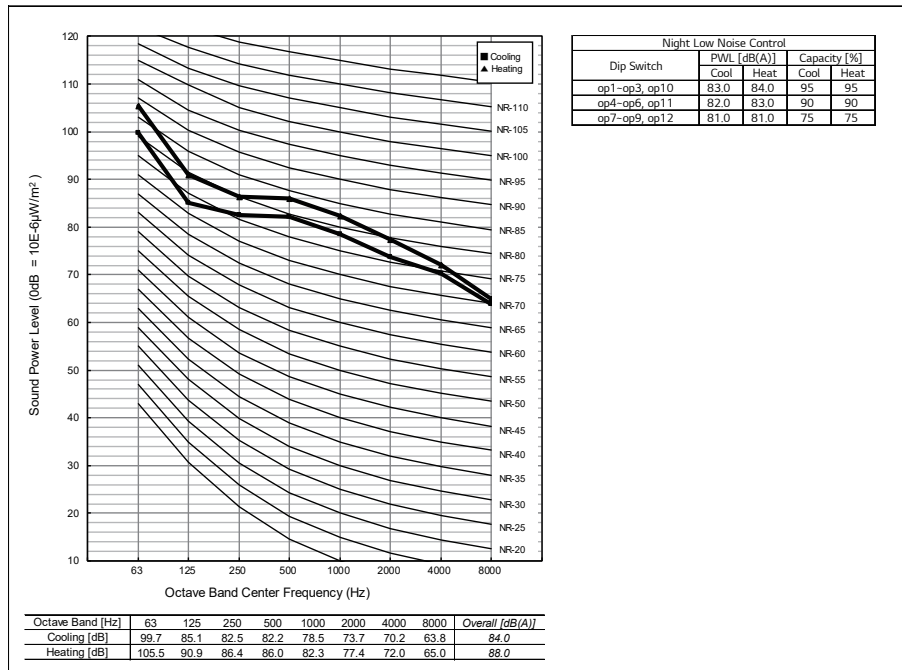
86.0 / 89.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m²
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM220LTE6



Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

84.0 / 88.0

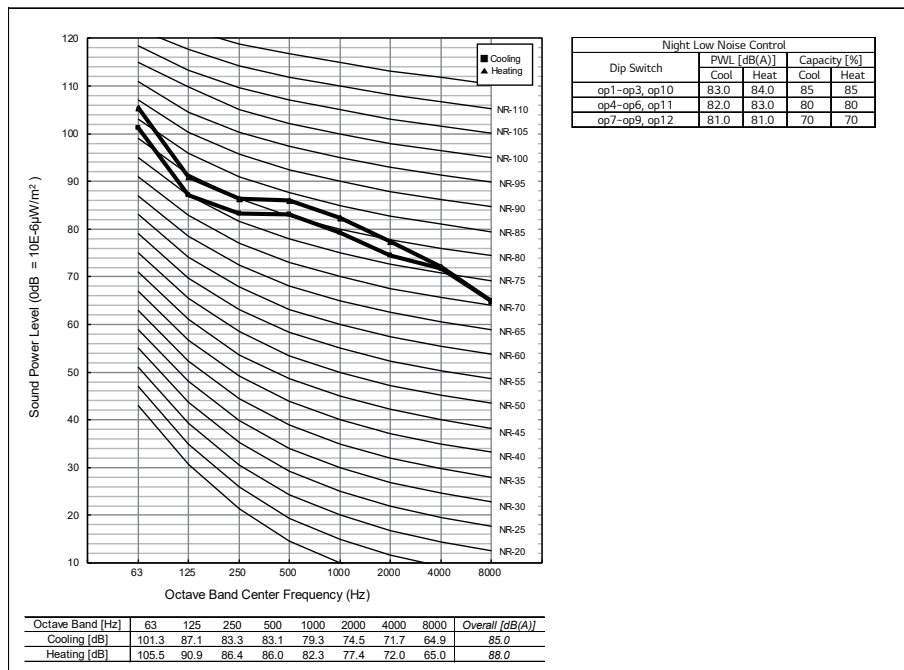
#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.



## 10. Sound Levels

### ARUM240LTE6



Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

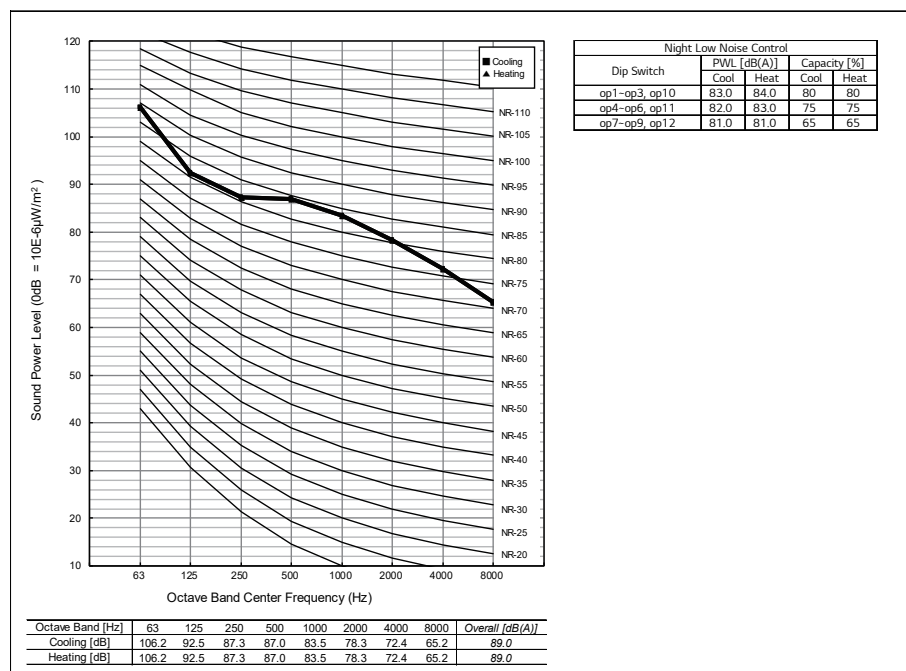
85.0 / 88.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E}-6\mu\text{W}/\text{m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM260LTE6



Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

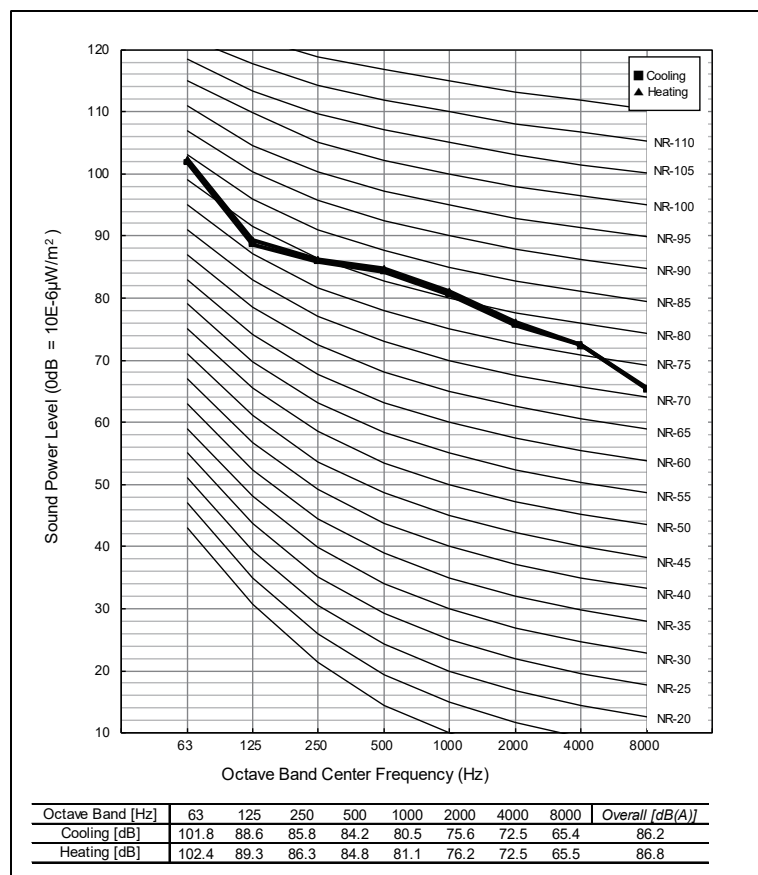
89.0 / 89.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- Refer to manual for setting dip switch of additional function.
- In Night Low Noise Control, Capacity is tested at standard condition and 100% combination ratio. And It will be vary depending on combination idu, environment and so on.

## 10. Sound Levels

### ARUM280LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

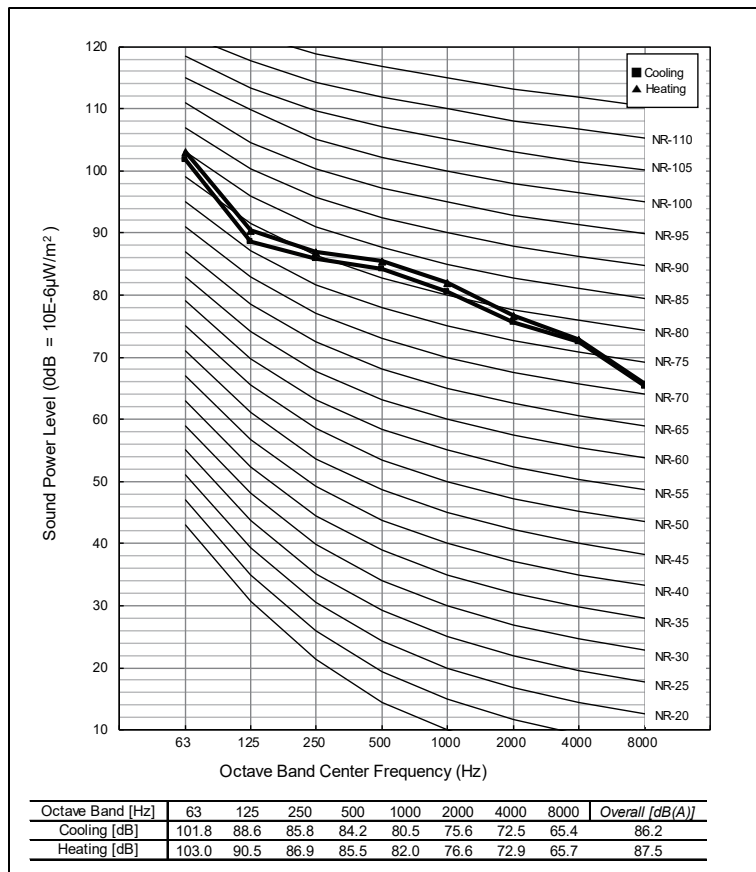
86.2 / 86.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM300LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

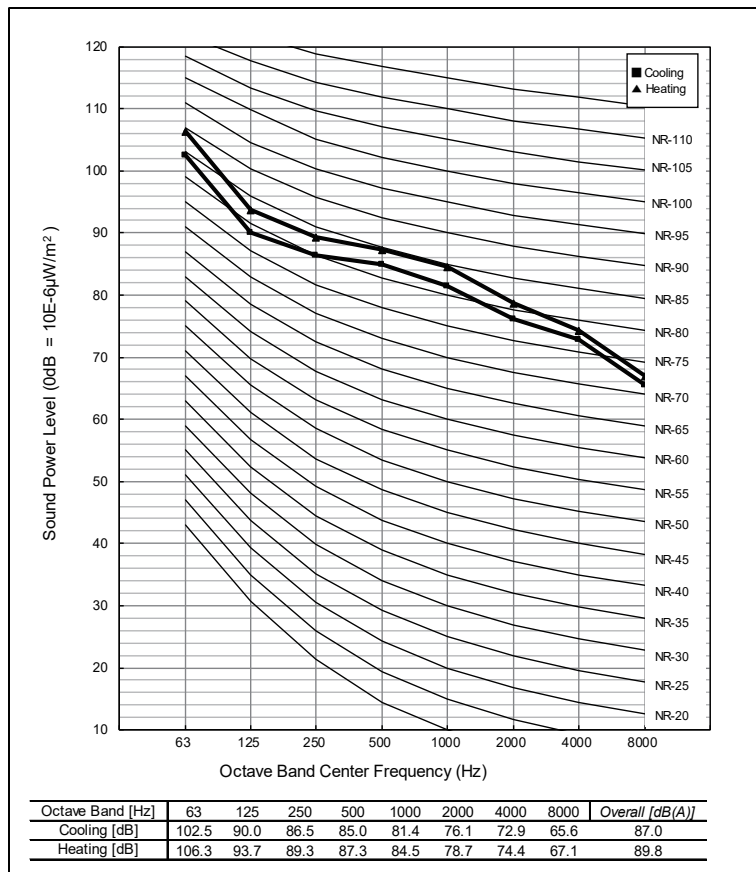
86.2 / 87.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM320LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

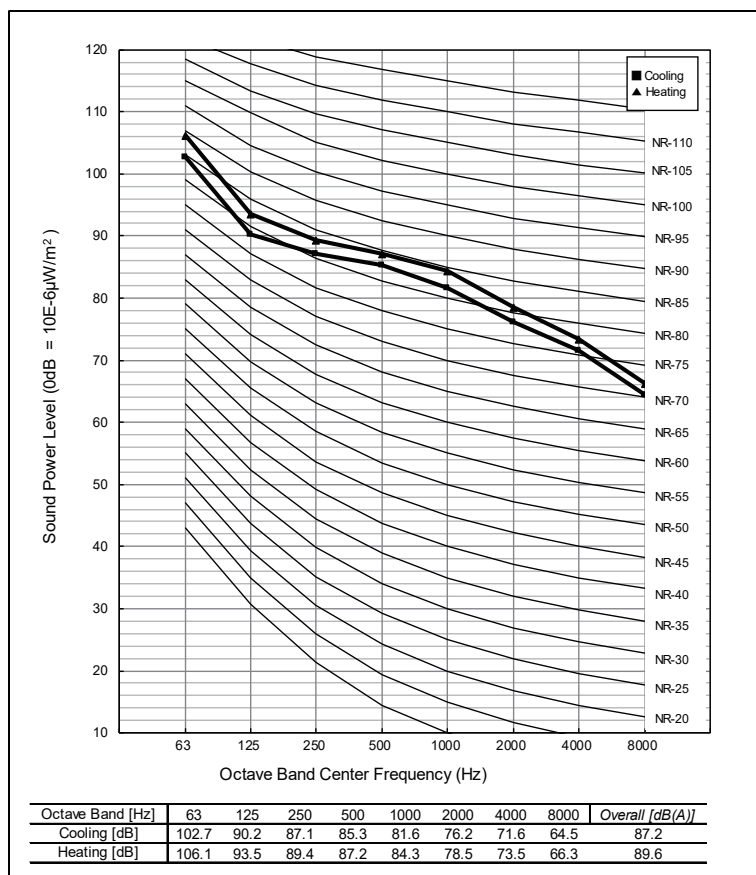
87.0 / 89.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM340LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

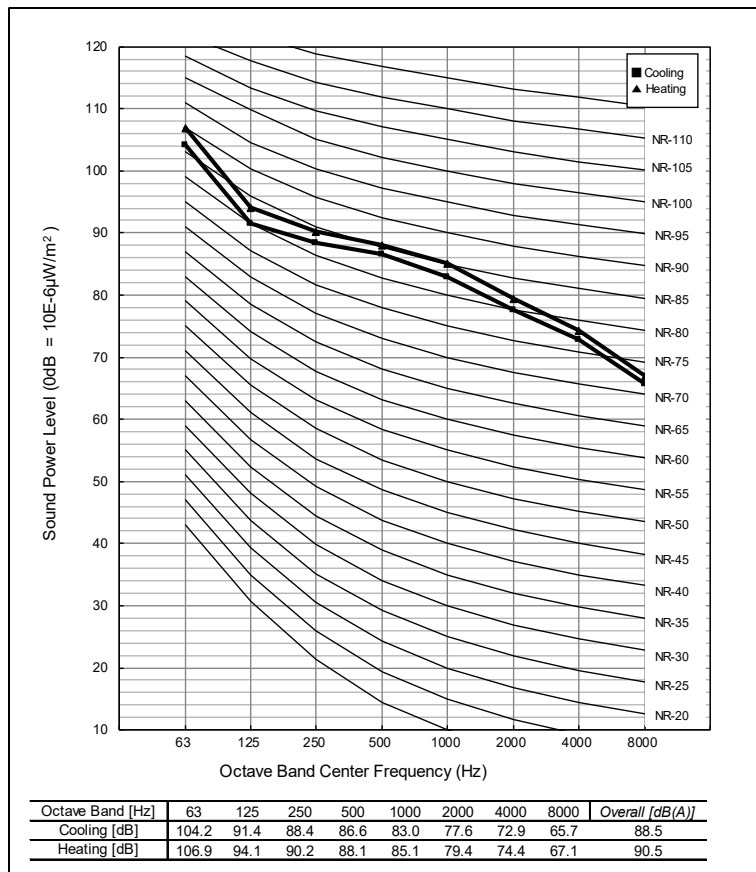
87.2 / 89.6

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM360LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

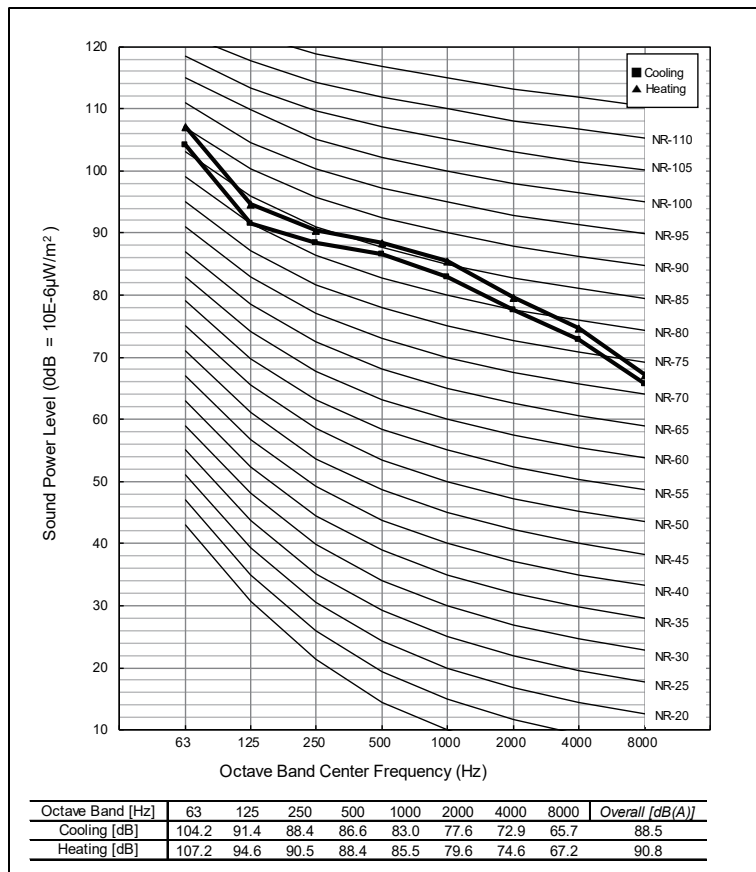
88.5 / 90.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM380LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

88.5 / 90.8

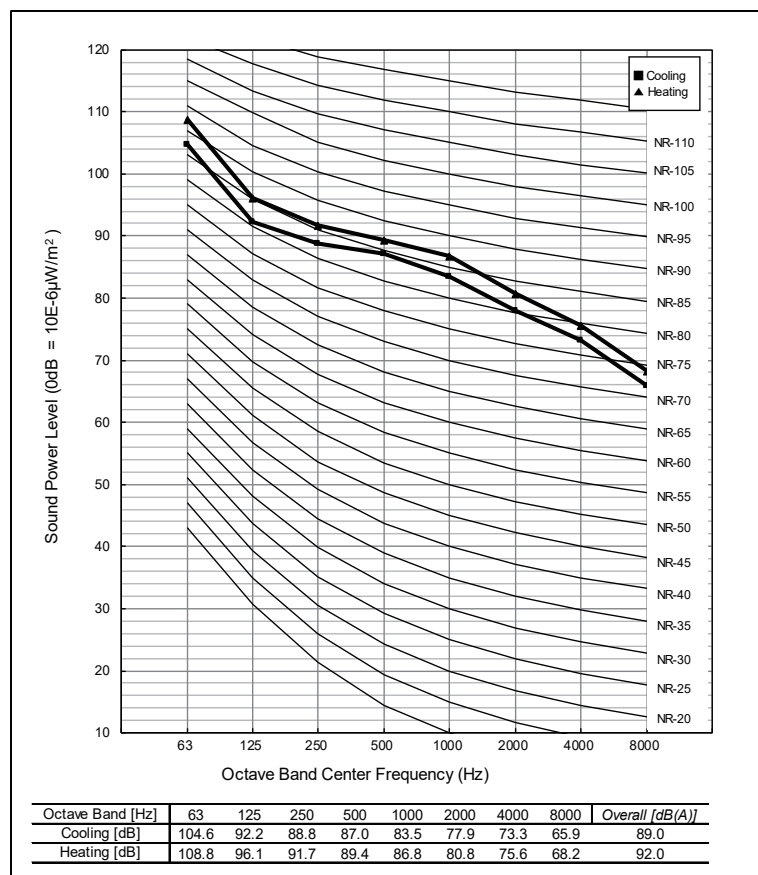
#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.



## 10. Sound Levels

### ARUM400LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

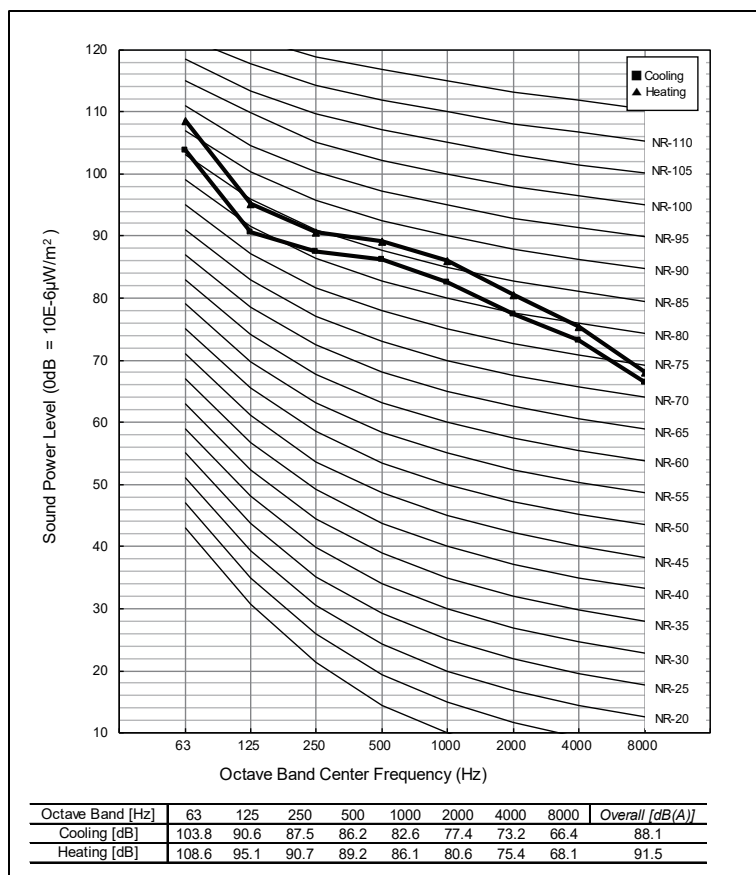
89.0 / 92.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM420LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

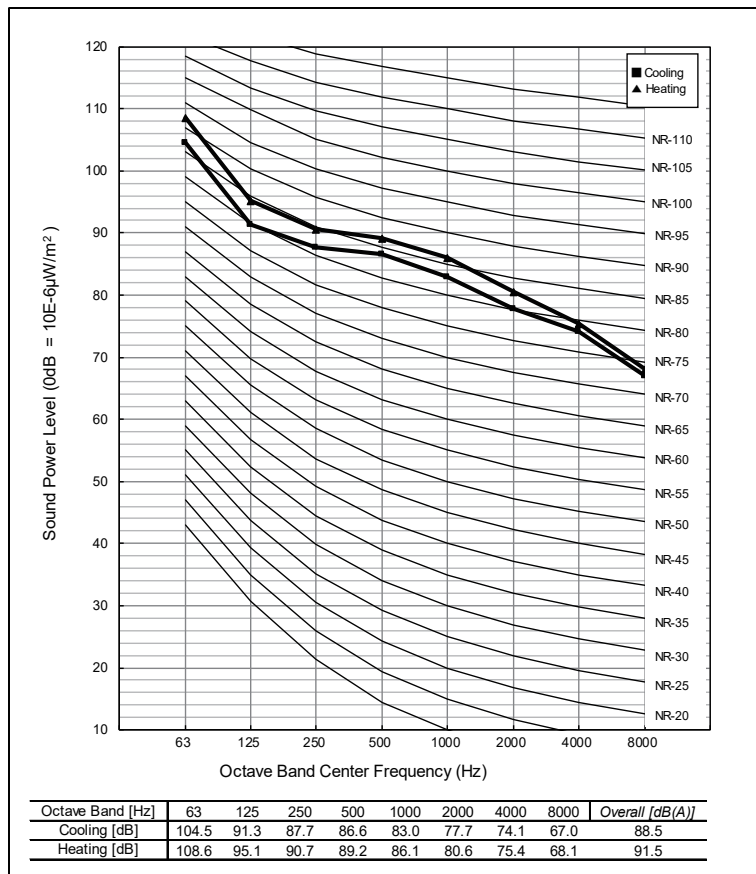
88.1 / 91.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM440LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

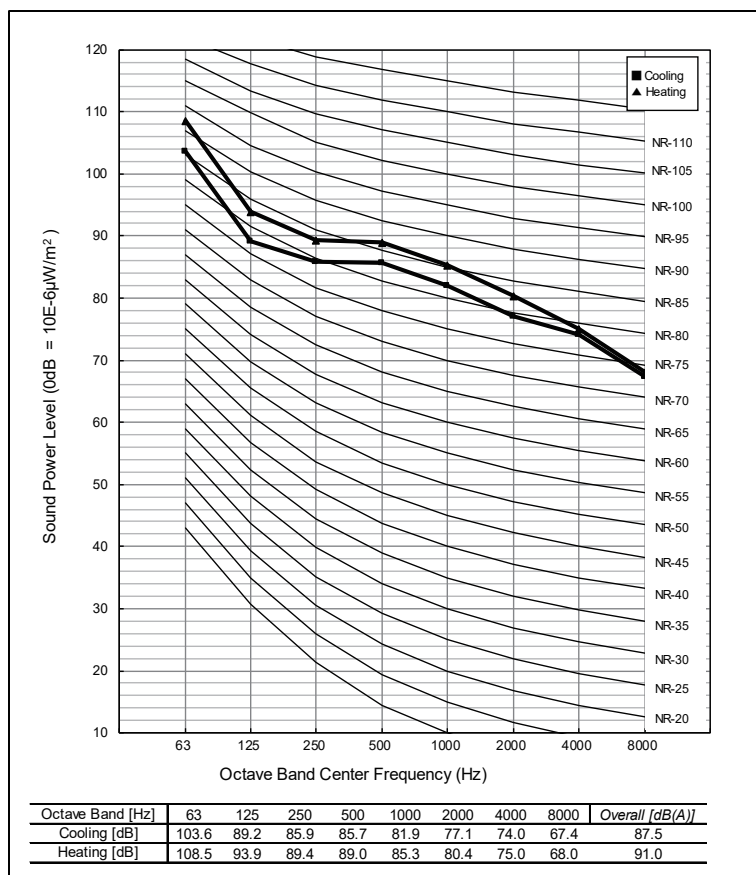
88.5 / 91.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM460LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

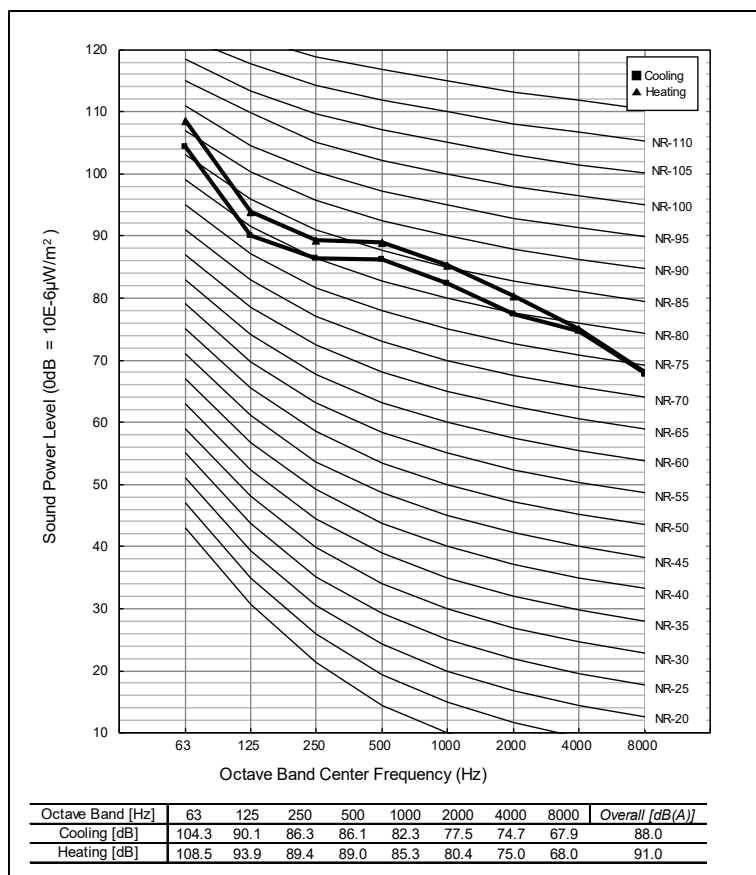
87.5 / 91.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM480LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

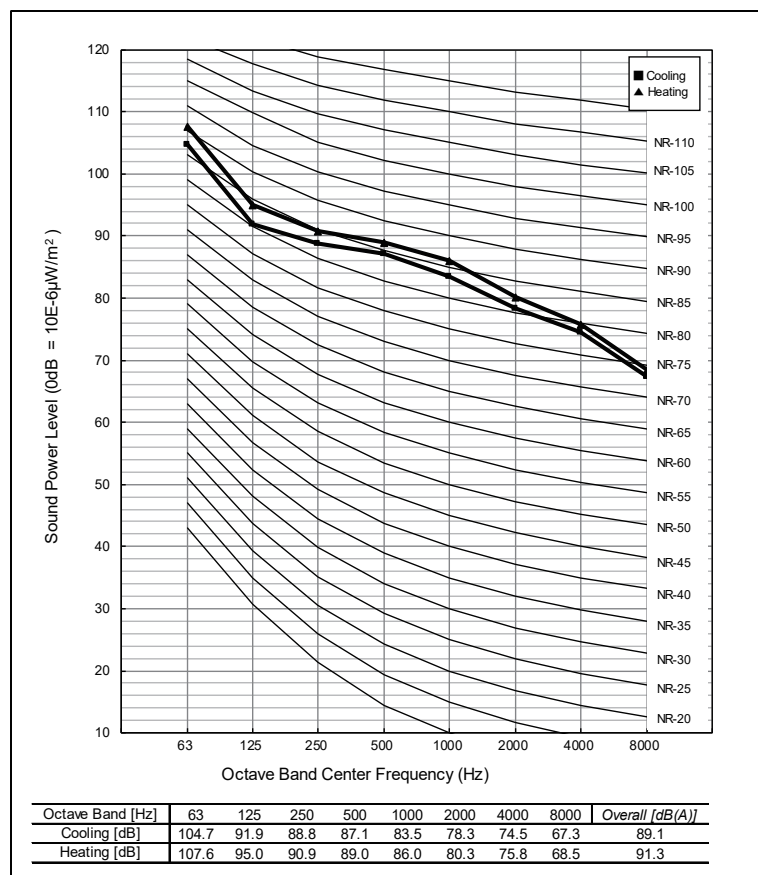
88.0 / 91.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM500LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

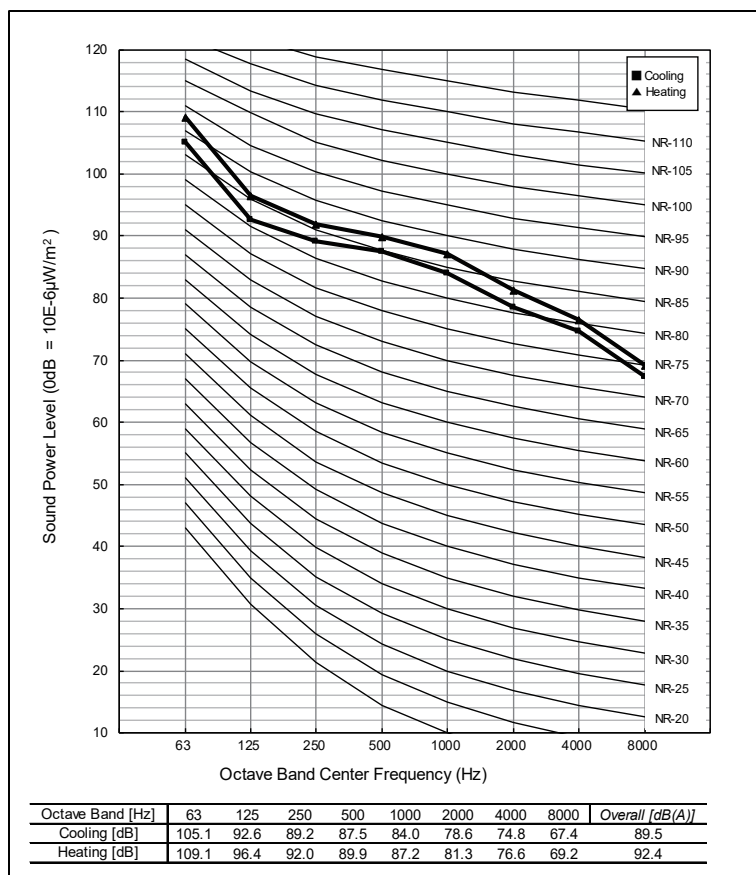
89.1 / 91.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM520LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

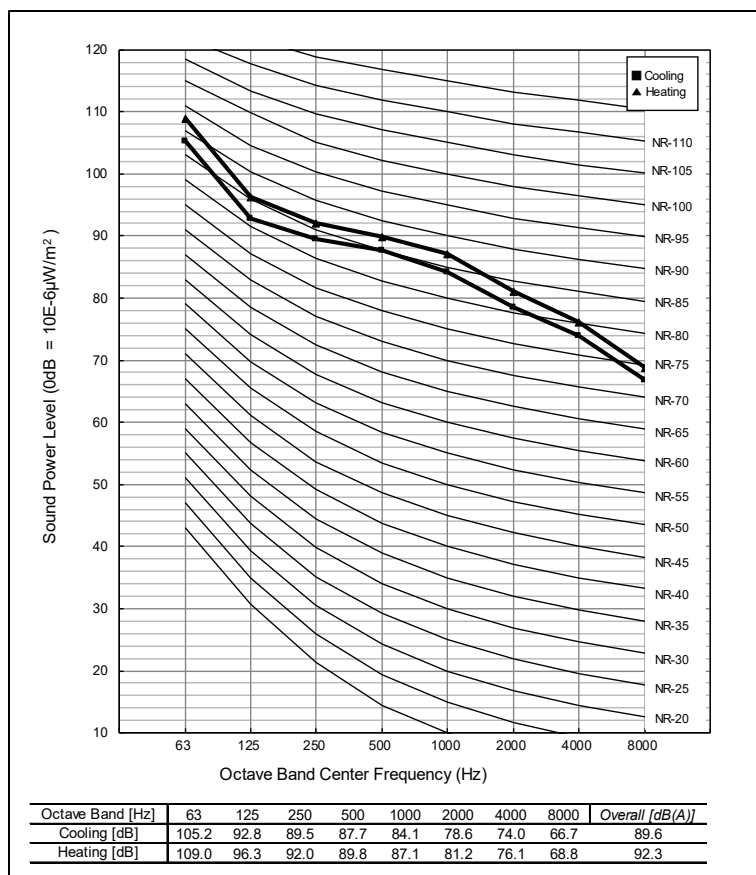
89.5 / 92.4

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM540LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

89.6 / 92.3

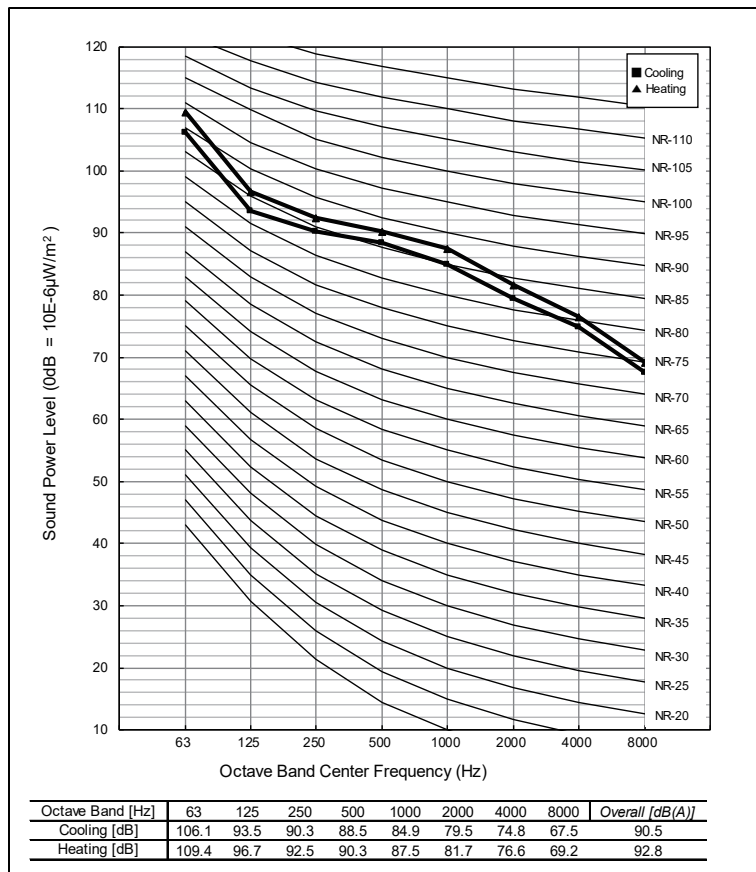
#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.



## 10. Sound Levels

### ARUM560LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

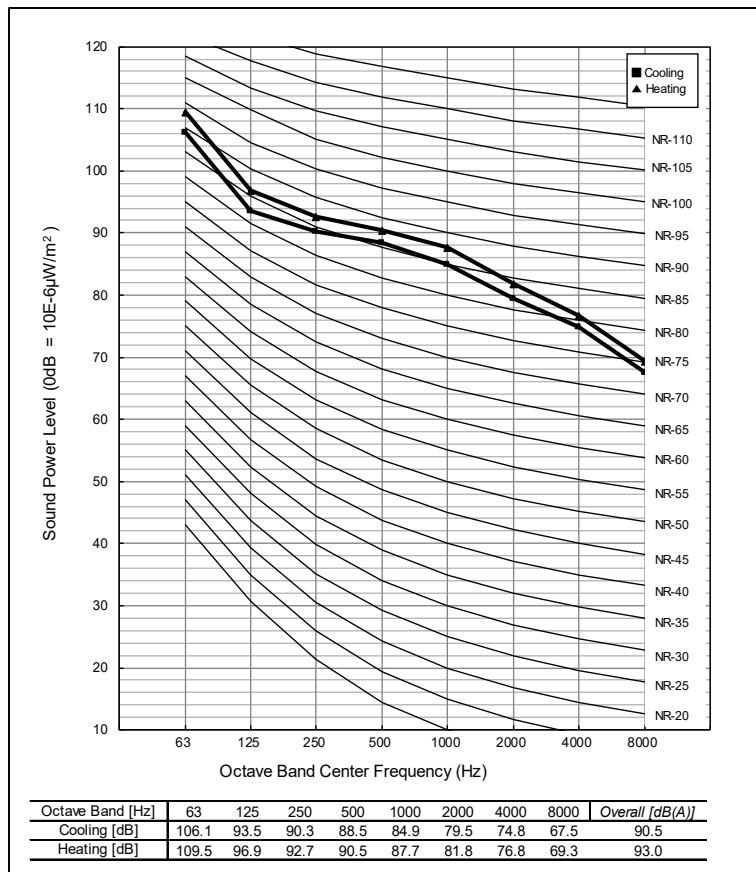
90.5 / 92.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM580LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

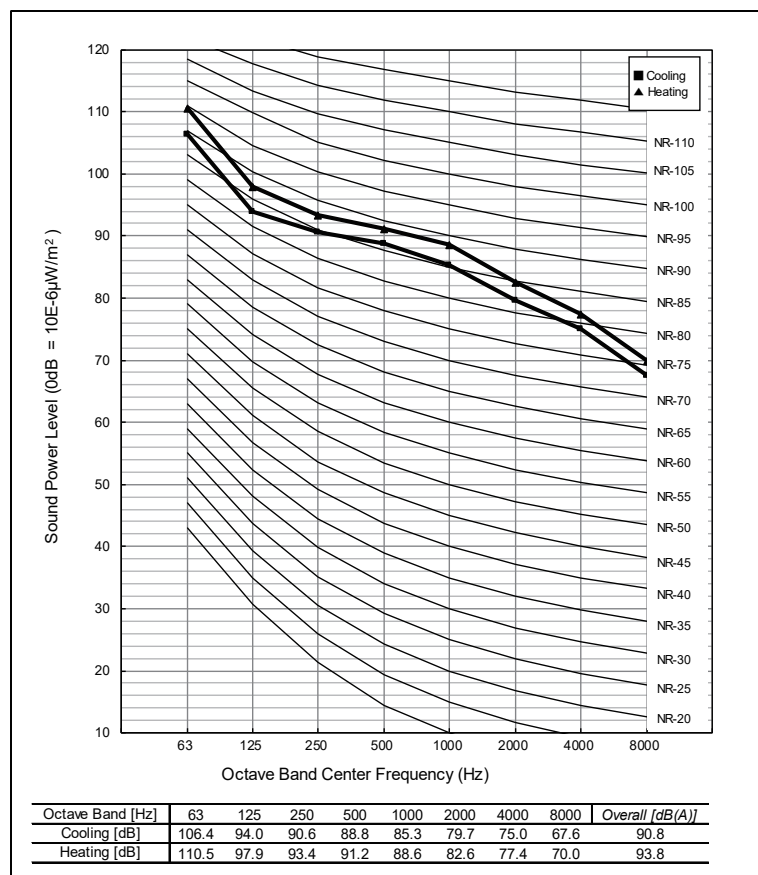
90.5 / 93.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0dB = 10E-6W/m^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM600LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

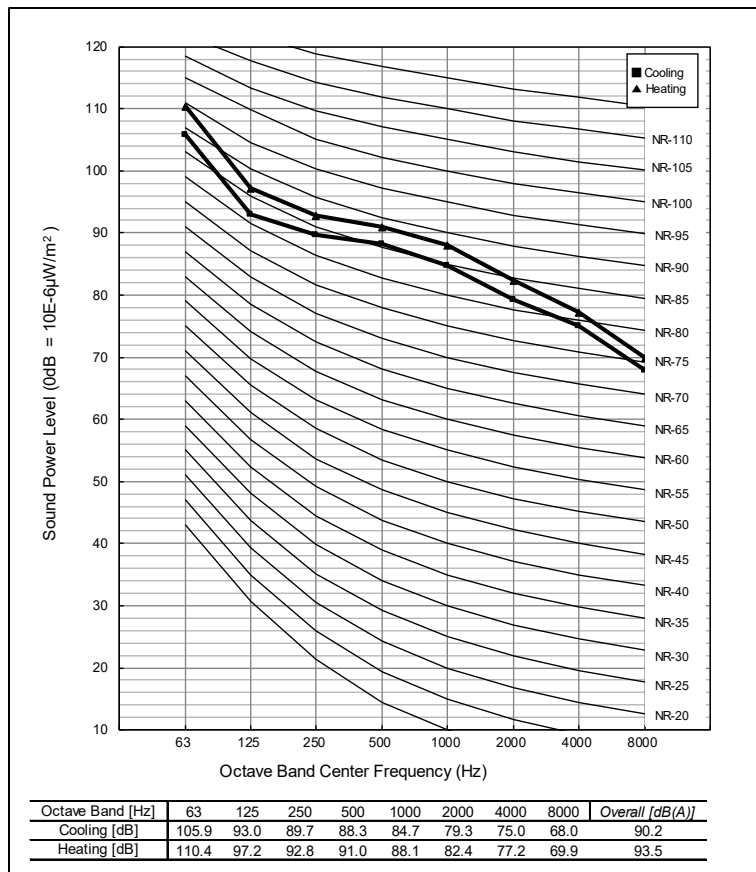
90.8 / 93.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM620LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

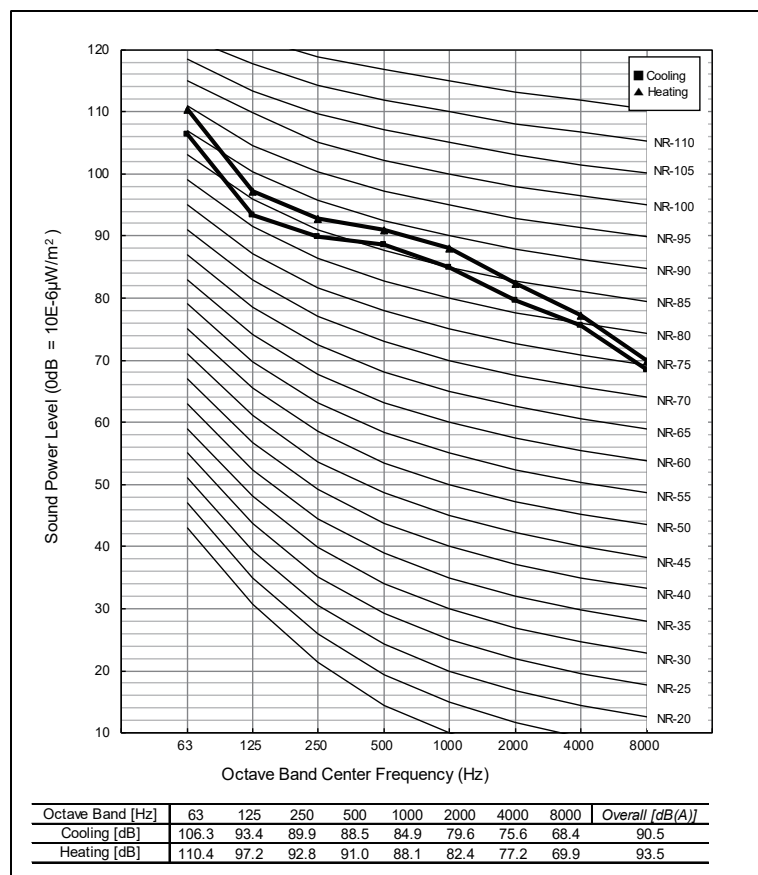
90.2 / 93.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM640LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

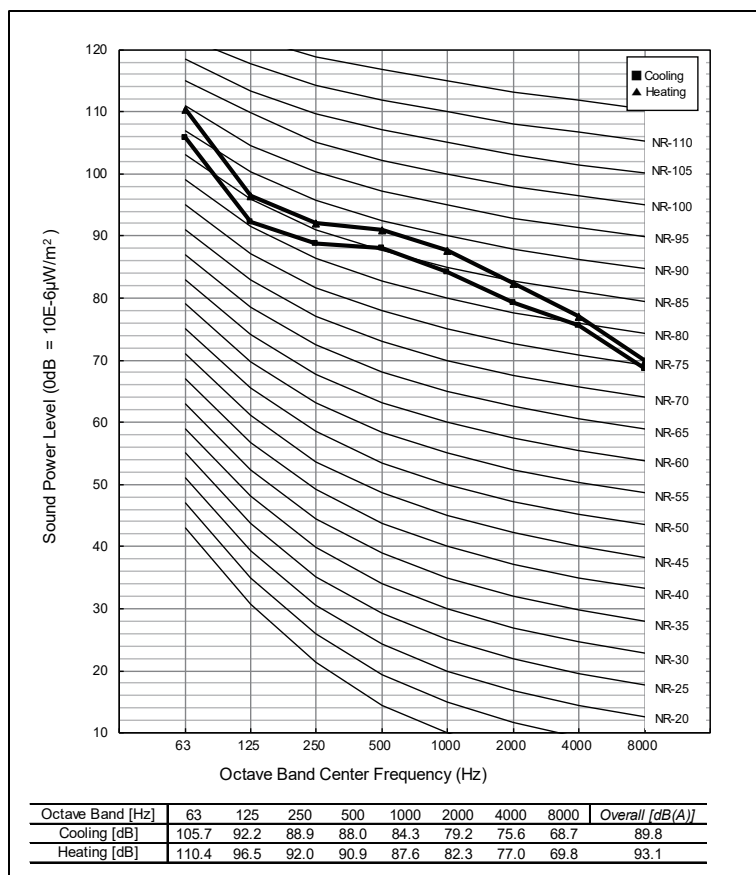
90.5 / 93.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM660LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

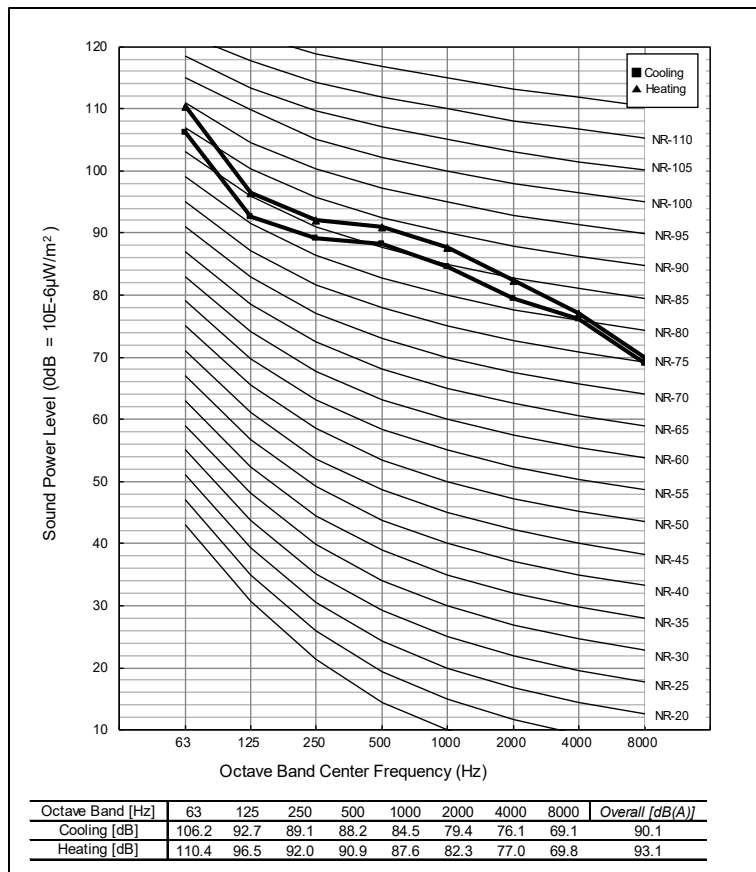
89.8 / 93.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM680LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

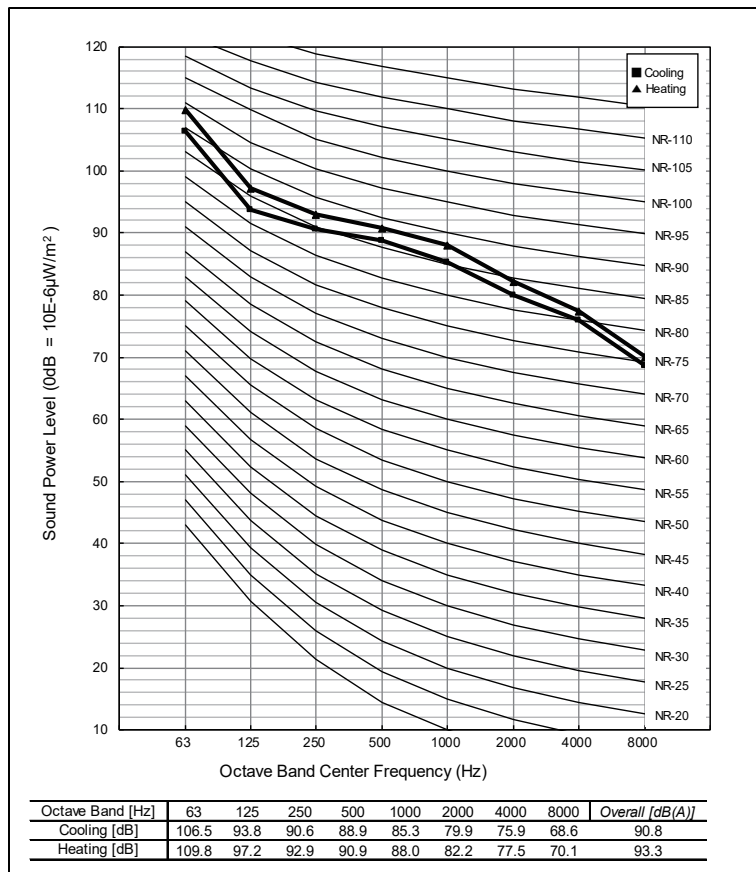
90.1 / 93.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM700LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

90.8 / 93.3

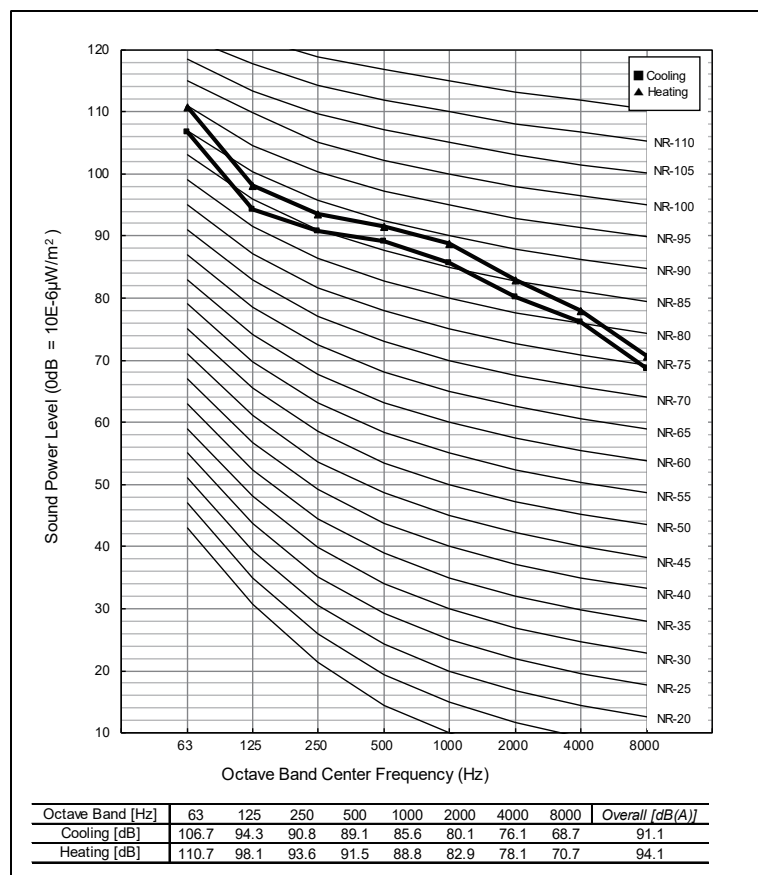
#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\mu\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.



## 10. Sound Levels

### ARUM720LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

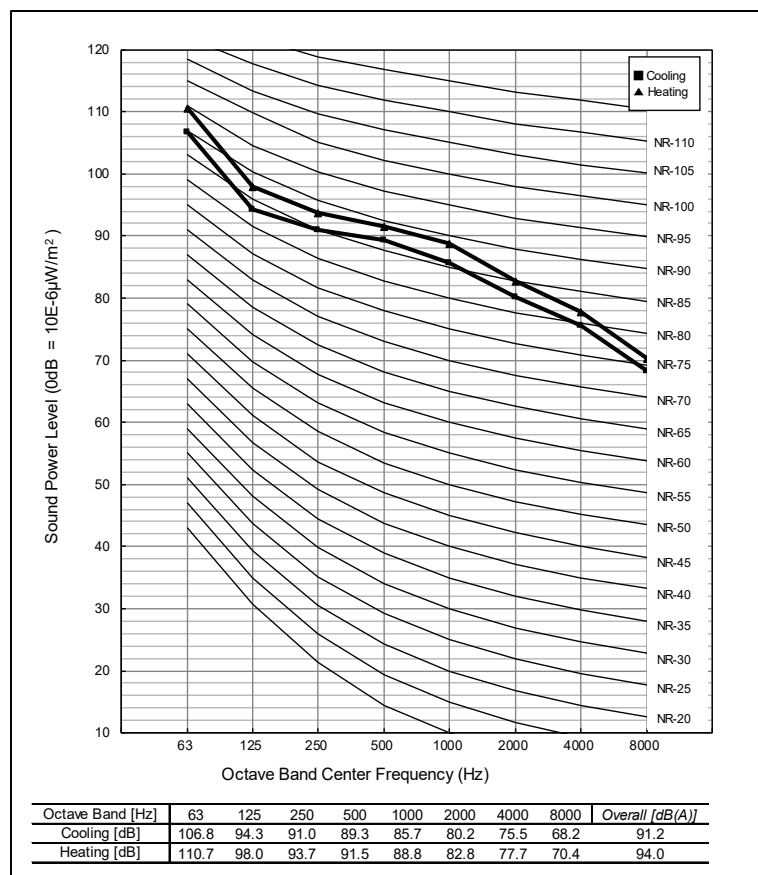
91.1 / 94.1

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM740LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

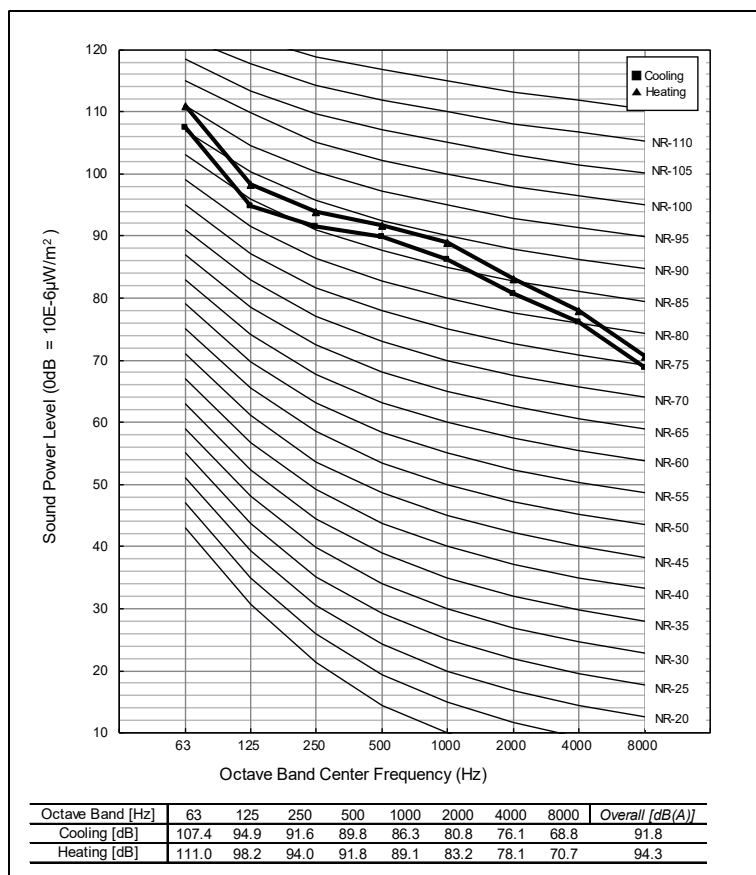
91.2 / 94.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM760LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

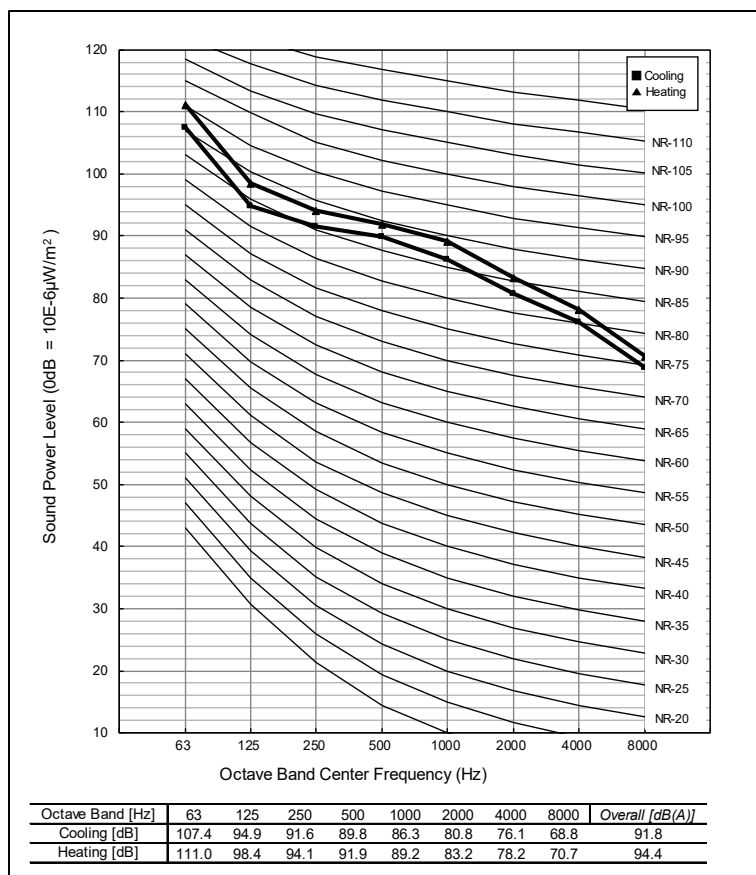
91.8 / 94.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM780LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

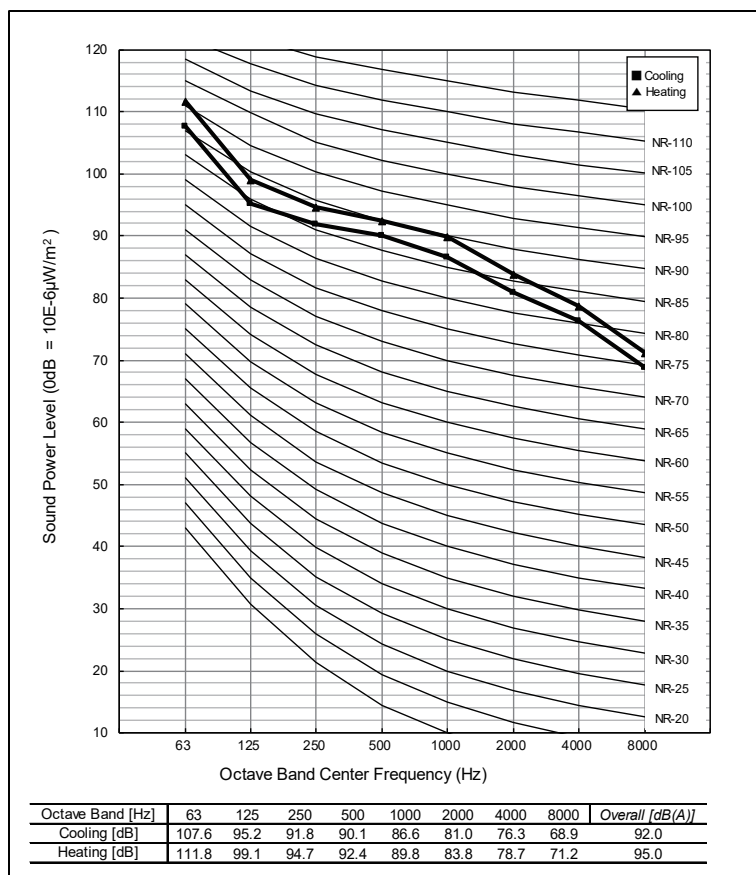
91.8 / 94.4

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM800LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

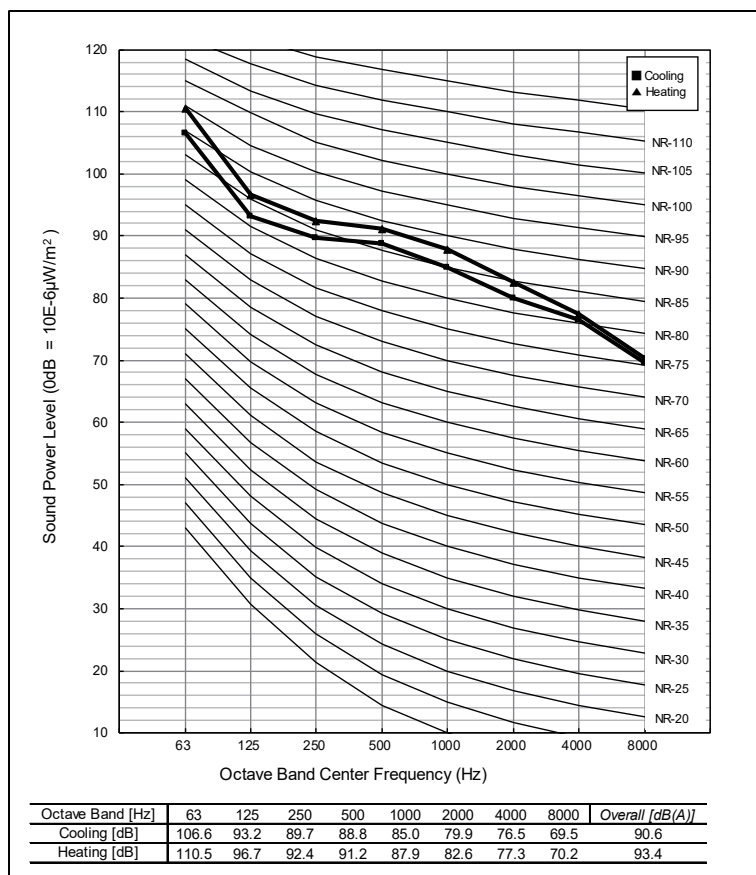
92.0 / 95.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM820LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

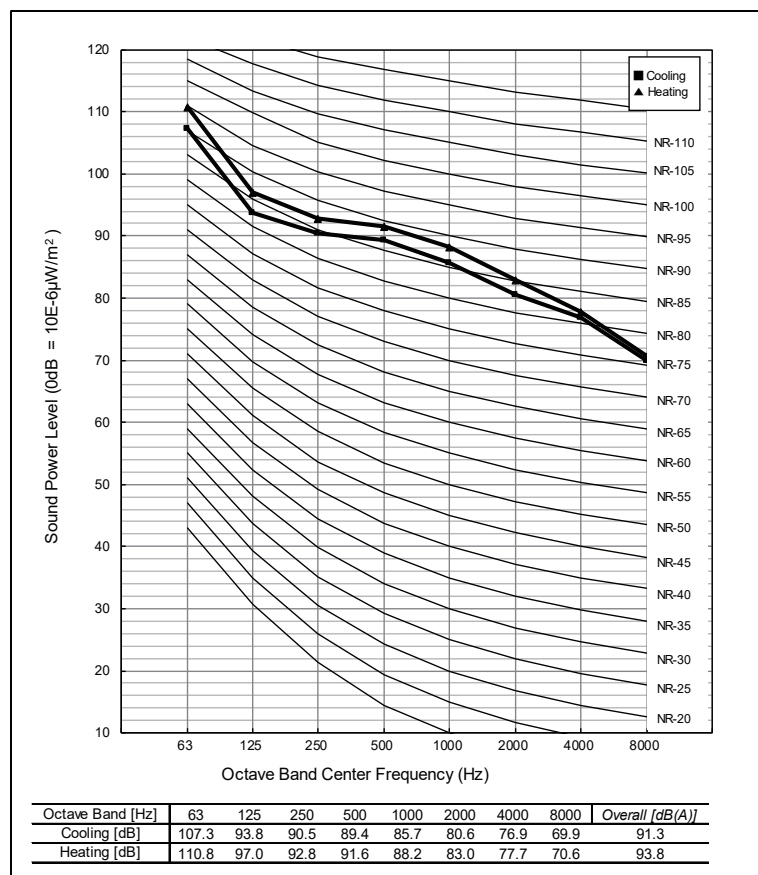
90.6 / 93.4

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM840LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

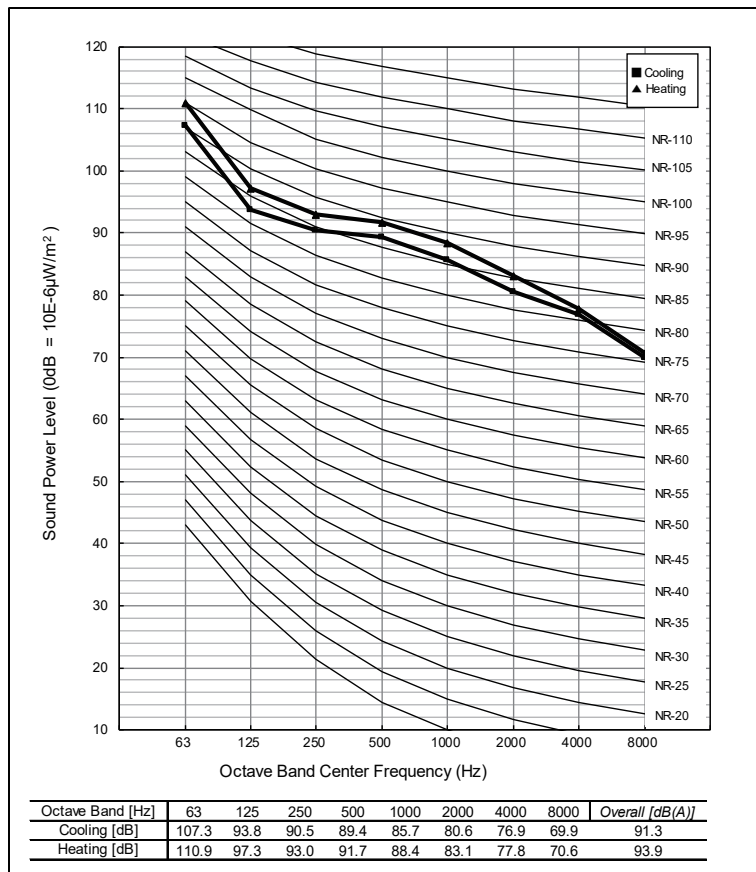
91.3 / 93.8

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m²
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM860LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

91.3 / 93.9

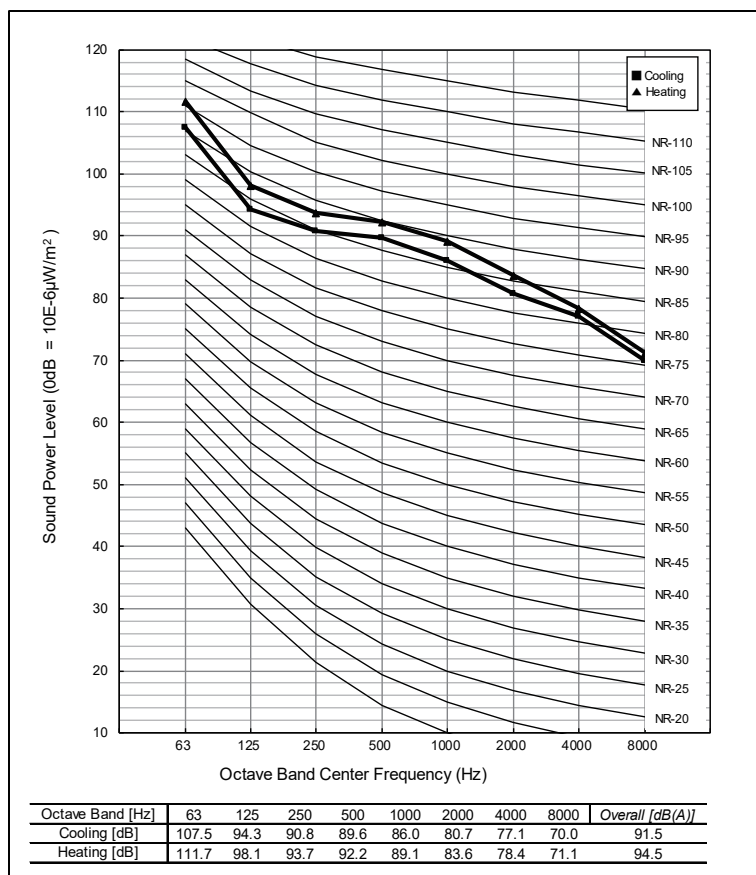
#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.



## 10. Sound Levels

### ARUM880LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

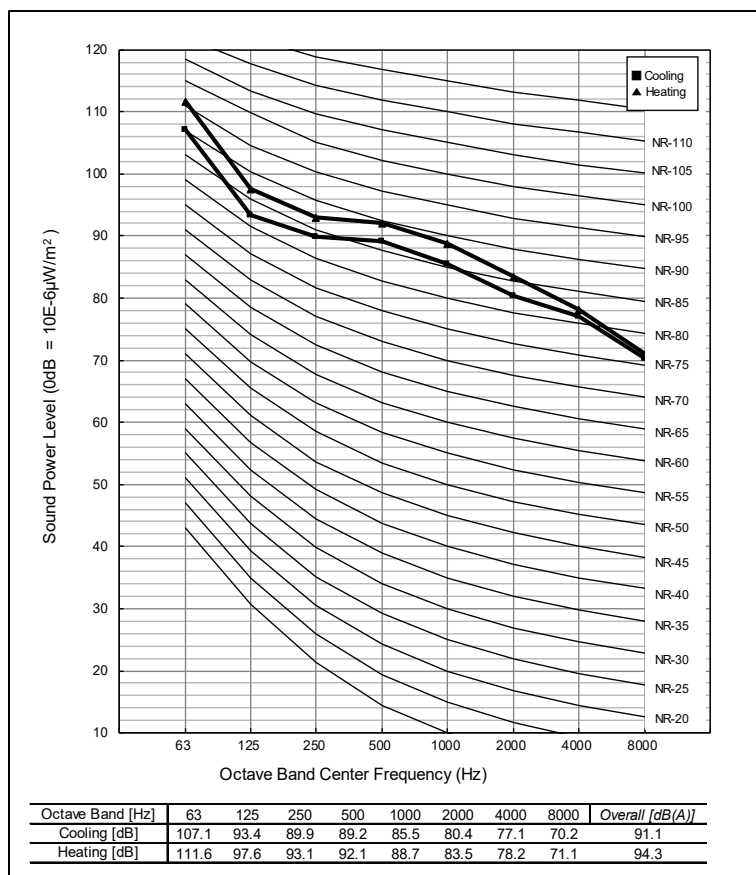
91.5 / 94.5

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM900LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

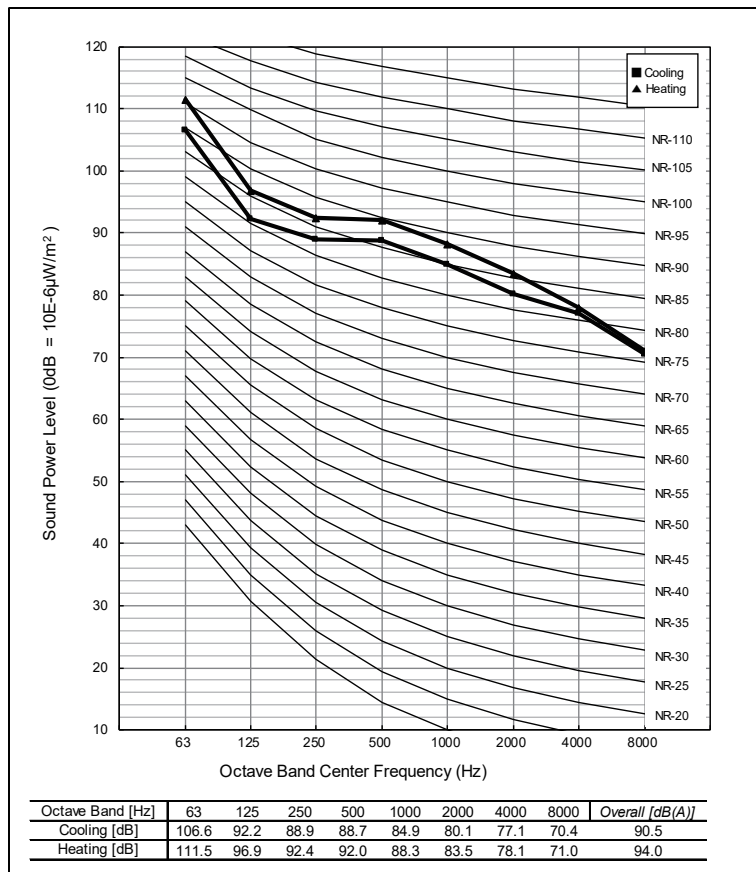
91.1 / 94.3

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM920LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

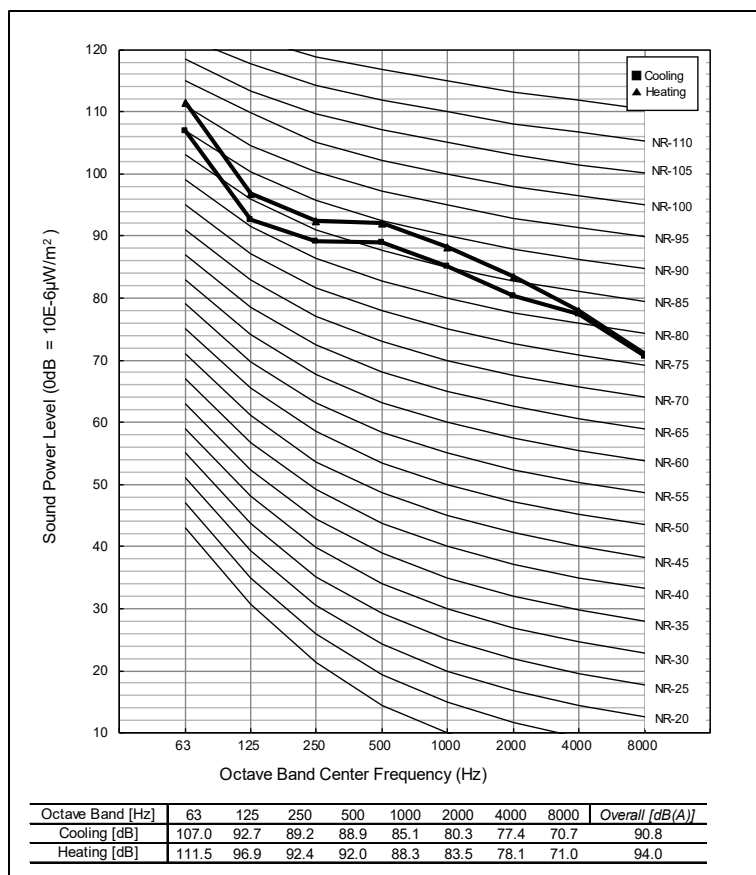
90.5 / 94.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM940LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

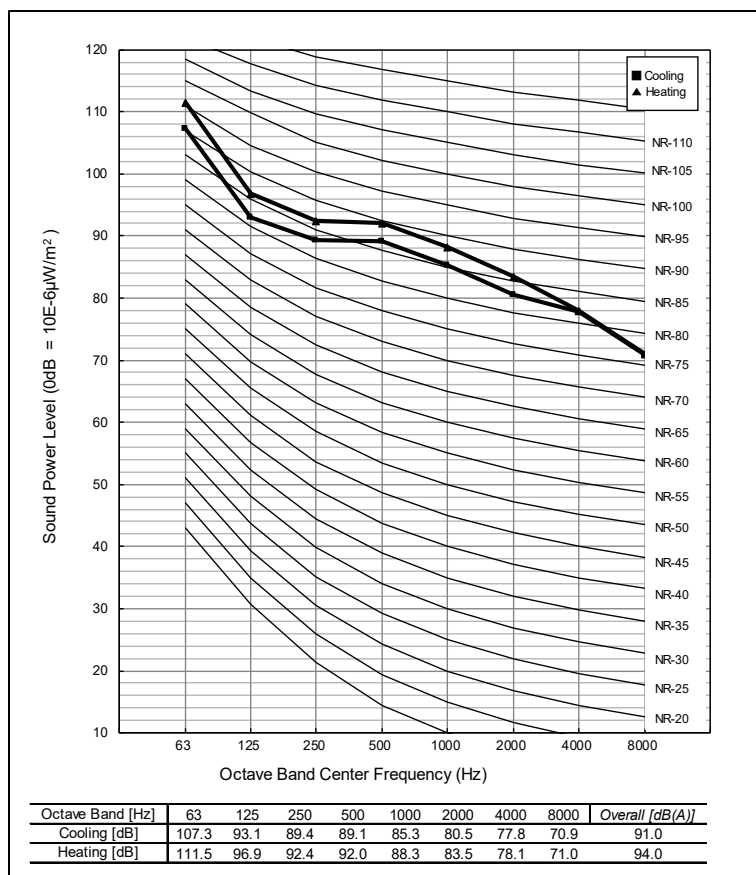
90.8 / 94.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity 0dB = 10E-6W/m<sup>2</sup>
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

## 10. Sound Levels

### ARUM960LTE6



#### Sound level [ dB(A), @ Standard condition ]

Cooling / Heating

91.0 / 94.0

#### Note

- Data is valid at diffuse field condition.
- Data is valid at nominal operating condition.
- Reference acoustic intensity  $0\text{dB} = 10\text{E-}6\text{W/m}^2$
- Refer to the Model Specifications for nominal conditions. (Power source and Ambient temperature, etc)
- Sound power level is measured on the rated condition in the semi-anechoic rooms by ISO 9614 standard.
- Sound levels can be increased in accordance with installation and operating conditions.  
(Operating conditions include some functional condition like Static pressure mode, air guide use, Room target temperature setting, etc and these functions are different in accordance with each model.)
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.

**Accessory**

**HR unit**

## HR unit

- 1. Specifications**
- 2. Dimensions**
- 3. Parts Function**
- 4. Piping Diagrams**
- 5. Wiring Diagrams**
- 6. Sound Levels**

## 1. Specifications

### 1.1 Product

PRHR023

| Category                                         |                           | Unit     | Specification               |
|--------------------------------------------------|---------------------------|----------|-----------------------------|
| Major                                            | Minor                     |          |                             |
| Max. Connectable No. of Indoor Units             | -                         | EA       | 16                          |
| Max. Connectable No. of Indoor Units of a branch | -                         | EA       | 8                           |
| Input(Nominal)                                   | Cooling                   | W        | 39.8                        |
|                                                  | Heating                   | W        | 37.2                        |
| Weight                                           | Net                       | kg       | 15.1                        |
|                                                  |                           | lbs      | 33.3                        |
| Dimensions                                       | Net(W x H x D)            | mm       | 786 x 218 x 657             |
|                                                  |                           | Inch     | 30-15/16 x 8-19/32 x 25-7/8 |
| Casing                                           | -                         | -        | Galvanized steel plate      |
| Refrigerant piping diameter (To indoor Unit)     | Liquid Pipe(Ø)            | mm(inch) | Ø9.52(3/8) ~ Ø6.35(1/4)     |
|                                                  | Gas Pipe(Ø)               | mm(inch) | Ø15.88(5/8) ~ Ø12.7(1/2)    |
| Refrigerant piping diameter (To outdoor unit)    | Liquid(Ø)                 | mm(inch) | Ø9.52(3/8)                  |
|                                                  | Low Pressure(Ø)           | mm(inch) | Ø22.2(7/8)                  |
|                                                  | High Pressure(Ø)          | mm(inch) | Ø19.05(3/4)                 |
| Sound Absorbing Insulation Material              | -                         | -        | Polyethylene Foam           |
| Current                                          | Minimum Circuit Amps(MCA) | -        | 0.17                        |
| Power Supply                                     | Case 1                    | -        | 220-230-240, 1, 50          |
|                                                  | Case 2                    | -        | 220, 1, 60                  |

#### Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- MCA = 1.25 x FLA, MFA = 1.1 x MCA  
If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).



## 1. Specifications

PRHR033

| Category                                         |                           | Unit     | Specification               |
|--------------------------------------------------|---------------------------|----------|-----------------------------|
| Major                                            | Minor                     |          |                             |
| Max. Connectable No. of Indoor Units             | -                         | EA       | 24                          |
| Max. Connectable No. of Indoor Units of a branch | -                         | EA       | 8                           |
| Input(Nominal)                                   | Cooling                   | W        | 39.8                        |
|                                                  | Heating                   | W        | 37.2                        |
| Weight                                           | Net                       | kg       | 17.1                        |
|                                                  |                           | lbs      | 37.7                        |
| Dimensions                                       | Net(W x H x D)            | mm       | 786 x 218 x 657             |
|                                                  |                           | Inch     | 30-15/16 x 8-19/32 x 25-7/8 |
| Casing                                           | -                         | -        | Galvanized steel plate      |
| Refrigerant piping diameter (To indoor Unit)     | Liquid Pipe(Ø)            | mm(inch) | Ø9.52(3/8) ~ Ø6.35(1/4)     |
|                                                  | Gas Pipe(Ø)               | mm(inch) | Ø15.88(5/8) ~ Ø12.7(1/2)    |
| Refrigerant piping diameter (To outdoor unit)    | Liquid(Ø)                 | mm(inch) | Ø12.7(1/2)                  |
|                                                  | Low Pressure(Ø)           | mm(inch) | Ø28.58(1-1/8)               |
|                                                  | High Pressure(Ø)          | mm(inch) | Ø22.2(7/8)                  |
| Sound Absorbing Insulation Material              | -                         | -        | Polyethylene Foam           |
| Current                                          | Minimum Circuit Amps(MCA) | -        | 0.17                        |
| Power Supply                                     | Case 1                    | -        | 220-230-240, 1, 50          |
|                                                  | Case 2                    | -        | 220, 1, 60                  |

### Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- $MCA = 1.25 \times FLA$ ,  $MFA = 1.1 \times MCA$   
If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

## 1. Specifications

PRHR043

| Category                                         |                           | Unit     | Specification               |
|--------------------------------------------------|---------------------------|----------|-----------------------------|
| Major                                            | Minor                     |          |                             |
| Max. Connectable No. of Indoor Units             | -                         | EA       | 32                          |
| Max. Connectable No. of Indoor Units of a branch | -                         | EA       | 8                           |
| Input(Nominal)                                   | Cooling                   | W        | 39.8                        |
|                                                  | Heating                   | W        | 37.2                        |
| Weight                                           | Net                       | kg       | 18.7                        |
|                                                  |                           | lbs      | 41.2                        |
| Dimensions                                       | Net(W x H x D)            | mm       | 786 x 218 x 657             |
|                                                  |                           | Inch     | 30-15/16 x 8-19/32 x 25-7/8 |
| Casing                                           | -                         | -        | Galvanized steel plate      |
| Refrigerant piping diameter (To indoor Unit)     | Liquid Pipe(Ø)            | mm(inch) | Ø9.52(3/8) ~ Ø6.35(1/4)     |
|                                                  | Gas Pipe(Ø)               | mm(inch) | Ø15.88(5/8) ~ Ø12.7(1/2)    |
| Refrigerant piping diameter (To outdoor unit)    | Liquid(Ø)                 | mm(inch) | Ø15.88(5/8)                 |
|                                                  | Low Pressure(Ø)           | mm(inch) | Ø28.58(1-1/8)               |
|                                                  | High Pressure(Ø)          | mm(inch) | Ø22.2(7/8)                  |
| Sound Absorbing Insulation Material              | -                         | -        | Polyethylene Foam           |
| Current                                          | Minimum Circuit Amps(MCA) | -        | 0.17                        |
| Power Supply                                     | Case 1                    | -        | 220-230-240, 1, 50          |
|                                                  | Case 2                    | -        | 220, 1, 60                  |

### Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- $MCA = 1.25 \times FLA$ ,  $MFA = 1.1 \times MCA$   
If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

## 1. Specifications

PRHR063

| Category                                         |                           | Unit     | Specification               |
|--------------------------------------------------|---------------------------|----------|-----------------------------|
| Major                                            | Minor                     |          |                             |
| Max. Connectable No. of Indoor Units             | -                         | EA       | 48                          |
| Max. Connectable No. of Indoor Units of a branch | -                         | EA       | 8                           |
| Input(Nominal)                                   | Cooling                   | W        | 75.9                        |
|                                                  | Heating                   | W        | 72.1                        |
| Weight                                           | Net                       | kg       | 28                          |
|                                                  |                           | lbs      | 61.7                        |
| Dimensions                                       | Net(W x H x D)            | mm       | 1,113 x 218 x 657           |
|                                                  |                           | Inch     | 43-13/16 x 8-19/32 x 25-7/8 |
| Casing                                           | -                         | -        | Galvanized steel plate      |
| Refrigerant piping diameter (To indoor Unit)     | Liquid Pipe(Ø)            | mm(inch) | Ø9.52(3/8) ~ Ø6.35(1/4)     |
|                                                  | Gas Pipe(Ø)               | mm(inch) | Ø15.88(5/8) ~ Ø12.7(1/2)    |
| Refrigerant piping diameter (To outdoor unit)    | Liquid(Ø)                 | mm(inch) | Ø15.88(5/8)                 |
|                                                  | Low Pressure(Ø)           | mm(inch) | Ø28.58(1-1/8)               |
|                                                  | High Pressure(Ø)          | mm(inch) | Ø22.2(7/8)                  |
| Sound Absorbing Insulation Material              | -                         | -        | Polyethylene Foam           |
| Current                                          | Minimum Circuit Amps(MCA) | -        | 0.27                        |
| Power Supply                                     | Case 1                    | -        | 220-230-240, 1, 50          |
|                                                  | Case 2                    | -        | 220, 1, 60                  |

### Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- $MCA = 1.25 \times FLA$ ,  $MFA = 1.1 \times MCA$   
If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

## 1. Specifications

PRHR083

| Category                                         |                           | Unit     | Specification               |
|--------------------------------------------------|---------------------------|----------|-----------------------------|
| Major                                            | Minor                     |          |                             |
| Max. Connectable No. of Indoor Units             | -                         | EA       | 64                          |
| Max. Connectable No. of Indoor Units of a branch | -                         | EA       | 8                           |
| Input(Nominal)                                   | Cooling                   | W        | 75.9                        |
|                                                  | Heating                   | W        | 72.1                        |
| Weight                                           | Net                       | kg       | 31.7                        |
|                                                  |                           | lbs      | 69.9                        |
| Dimensions                                       | Net(W x H x D)            | mm       | 1,113 x 218 x 657           |
|                                                  |                           | Inch     | 43-13/16 x 8-19/32 x 25-7/8 |
| Casing                                           | -                         | -        | Galvanized steel plate      |
| Refrigerant piping diameter (To indoor Unit)     | Liquid Pipe(Ø)            | mm(inch) | Ø9.52(3/8) ~ Ø6.35(1/4)     |
|                                                  | Gas Pipe(Ø)               | mm(inch) | Ø15.88(5/8) ~ Ø12.7(1/2)    |
| Refrigerant piping diameter (To outdoor unit)    | Liquid(Ø)                 | mm(inch) | Ø15.88(5/8)                 |
|                                                  | Low Pressure(Ø)           | mm(inch) | Ø28.58(1-1/8)               |
|                                                  | High Pressure(Ø)          | mm(inch) | Ø22.2(7/8)                  |
| Sound Absorbing Insulation Material              | -                         | -        | Polyethylene Foam           |
| Current                                          | Minimum Circuit Amps(MCA) | -        | 0.27                        |
| Power Supply                                     | Case 1                    | -        | 220-230-240, 1, 50          |
|                                                  | Case 2                    | -        | 220, 1, 60                  |

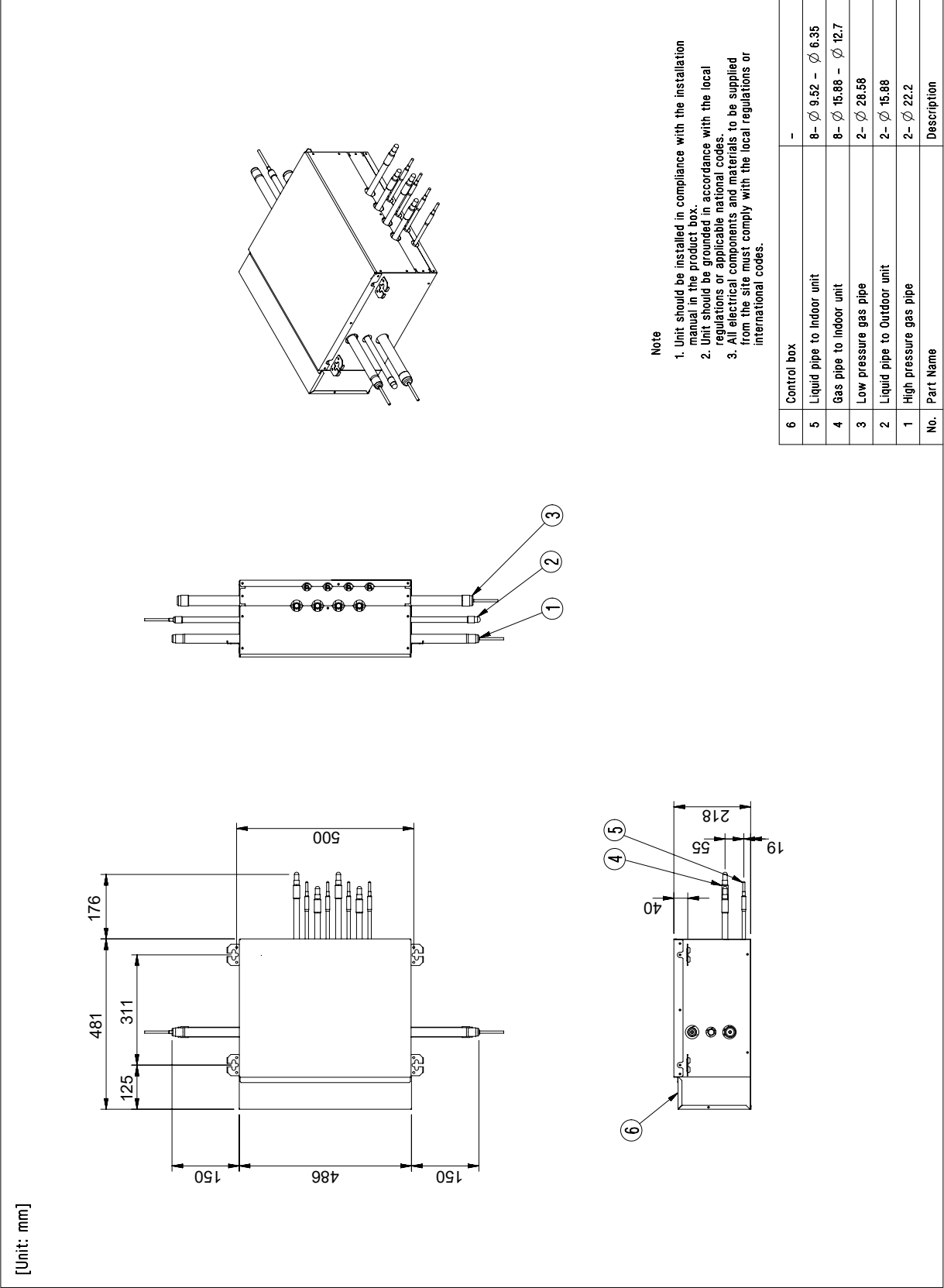
### Note

- Use appropriate power source refer to national standard.
- Voltage supplied to the unit terminals should be within the minimum and maximum range.
- Maximum allowable voltage unbalance between phases is 2%.
- $MCA = 1.25 \times FLA$ ,  $MFA = 1.1 \times MCA$   
If MFA is smaller than minimum standard value, Use minimum standard value in region for selecting circuit breaker.
- Select wire size based on the MCA.
- MFA is used to select the circuit breaker and ground fault circuit interrupter, and all installation site must require attachment of an earth leakage breaker.  
Circuit breaker type is ELCB(Earth Leakage Circuit Breaker).

2. Dimensions

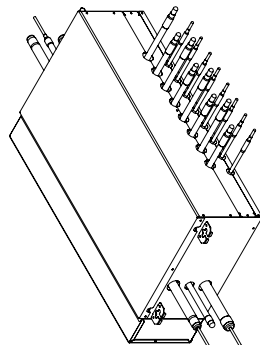
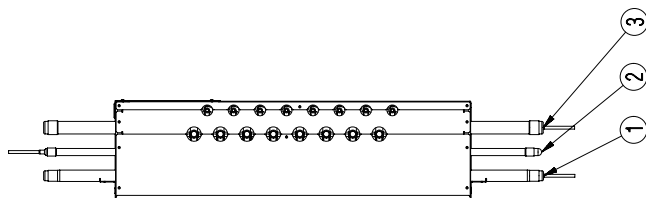
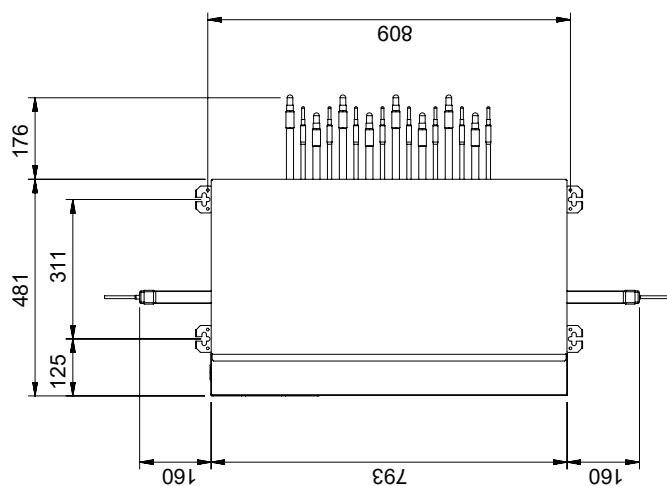
2.1 Dimensional Drawing

PRHR023, PRHR033, PRHR043



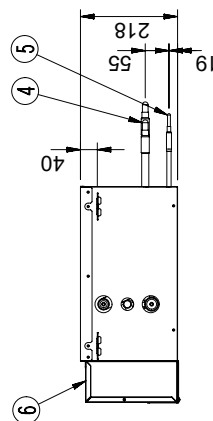
## PRHR063, PRHR083

[Unit: mm]



1. Unit should be installed in compliance with the installation manual in the product box.
2. Unit should be grounded in accordance with the local regulations or applicable national codes.
3. All electrical components and materials to be supplied from the site must comply with the local regulations or international codes.

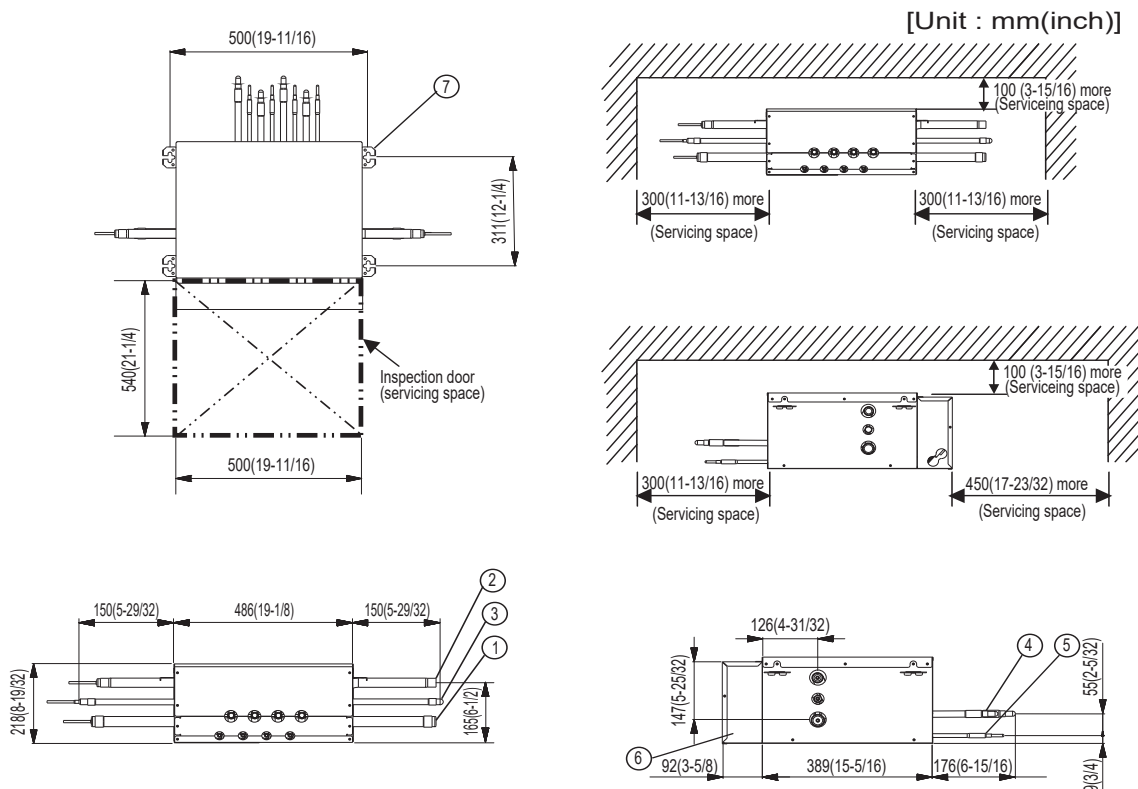
|    |                             |                                             |
|----|-----------------------------|---------------------------------------------|
| 6  | Control box                 | -                                           |
| 5  | Liquid pipe to Indoor unit  | 8- $\varnothing$ 9.52 - $\varnothing$ 6.35  |
| 4  | Gas pipe to Indoor unit     | 8- $\varnothing$ 15.88 - $\varnothing$ 12.7 |
| 3  | Low pressure gas pipe       | 2- $\varnothing$ 28.58                      |
| 2  | Liquid pipe to Outdoor unit | 2- $\varnothing$ 15.88                      |
| 1  | High pressure gas pipe      | 2- $\varnothing$ 22.2                       |
| No | Part Name                   | Description                                 |



## 2. Dimensions

### 2.2 Installation Space

PRHR023, PRHR033, PRHR043



| No. | Part Name                               | Description                                                                  |                                           |
|-----|-----------------------------------------|------------------------------------------------------------------------------|-------------------------------------------|
|     |                                         | PRHR033 / PRHR043                                                            | PRHR023                                   |
| 1   | Low pressure Gas pipe connection port   | Ø28.58(1-1/8) Brazing connection                                             | Ø22.2(7/8) Brazing connection             |
| 2   | High pressure Gas pipe connection port  | Ø22.2(7/8) Brazing connection                                                | Ø19.05(3/4) Brazing connection            |
| 3   | Liquid pipe connection port             | Ø15.88(5/8) Brazing connection(PRHR043)<br>Ø12.7 Brazing connection(PRHR033) | Ø9.52(3/8) Brazing connection             |
| 4   | Indoor unit Gas pipe connection port    | Ø15.88(5/8)~Ø12.7(1/2) Brazing connection                                    | Ø15.88(5/8)~Ø12.7(1/2) Brazing connection |
| 5   | Indoor unit Liquid pipe connection port | Ø9.52(3/8)~Ø6.35(1/4) Brazing connection                                     | Ø9.52(3/8)~Ø6.35(1/4) Brazing connection  |
| 6   | Control box                             | -                                                                            | -                                         |
| 7   | Hanger metal                            | Suspension bolt M10 or M8                                                    | Suspension bolt M10 or M8                 |

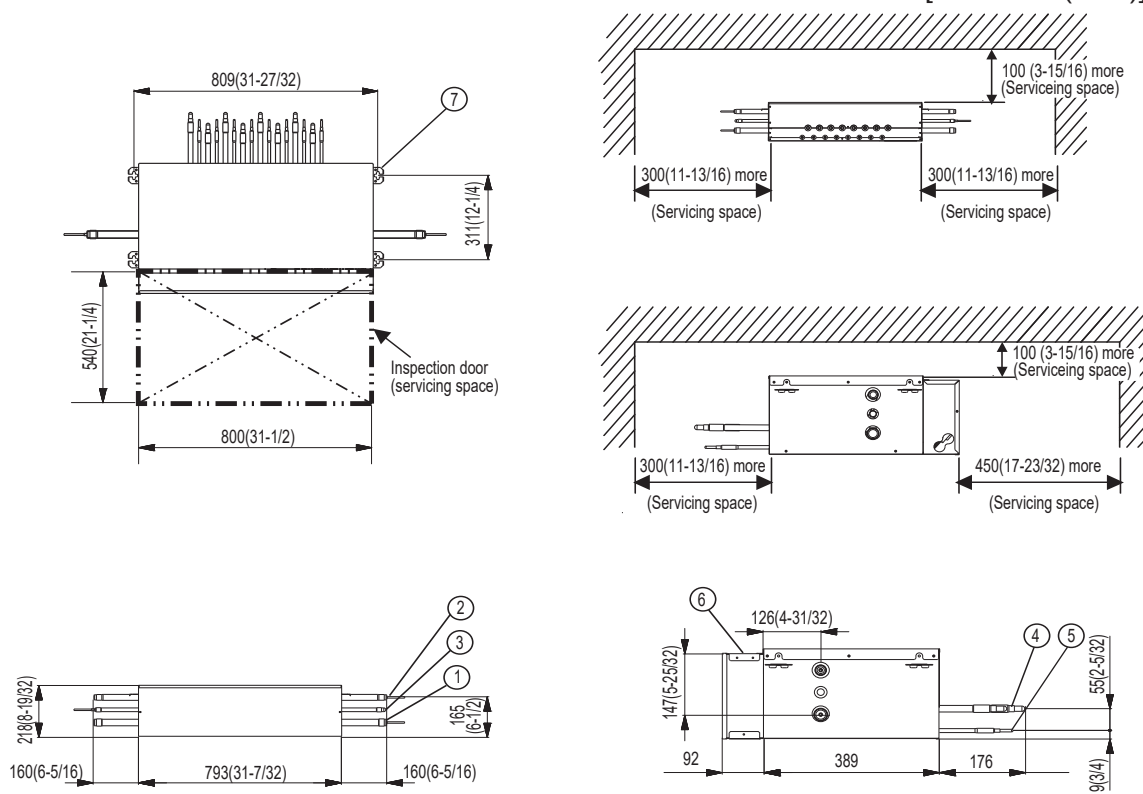
#### Note

- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.
- Be sure to install the inspection door at the control box side.
- If reducers are used, servicing space must be increased equal to reducer's dimension.

## 2. Dimensions

PRHR063, PRHR083

[Unit : mm(inch)]



| No. | Part Name                               | Description                               |
|-----|-----------------------------------------|-------------------------------------------|
|     |                                         | PRHR063 / PRHR083                         |
| 1   | Low pressure Gas pipe connection port   | Ø28.58(1-1/8) Brazing connection          |
| 2   | High pressure Gas pipe connection port  | Ø22.2(7/8) Brazing connection             |
| 3   | Liquid pipe connection port             | Ø15.88(5/8) Brazing connection            |
| 4   | Indoor unit Gas pipe connection port    | Ø15.88(5/8)~Ø12.7(1/2) Brazing connection |
| 5   | Indoor unit Liquid pipe connection port | Ø9.52(3/8)~Ø6.35(1/4) Brazing connection  |
| 6   | Control box                             | -                                         |
| 7   | Hanger metal                            | Suspension bolt M10 or M8                 |

### Note

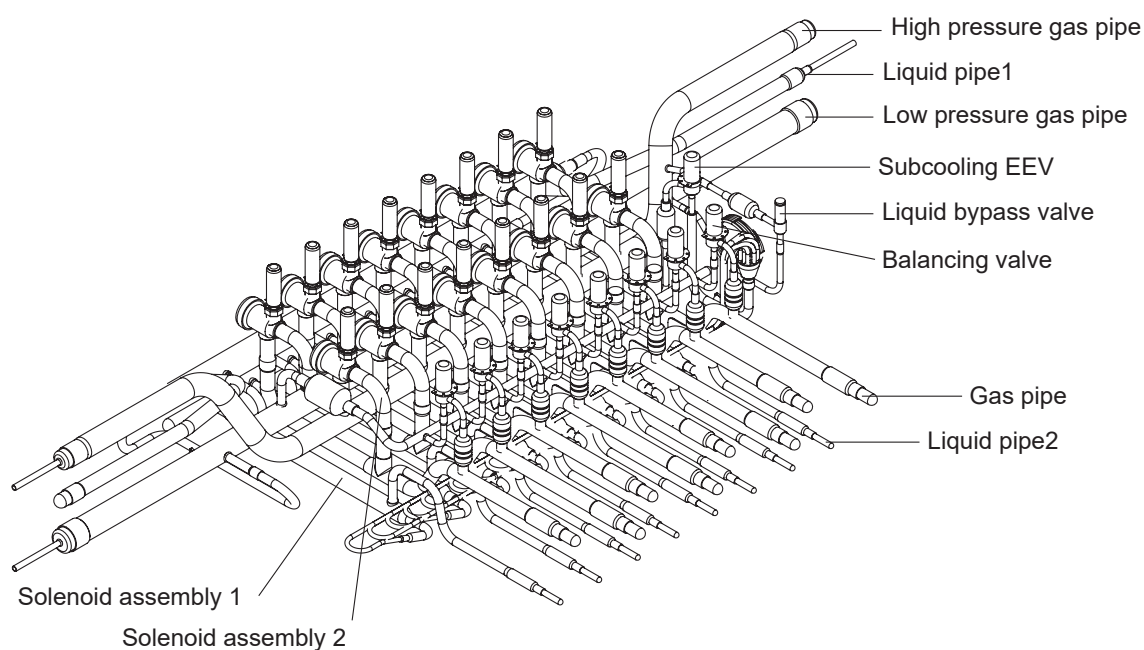
- Avoid a place where rain may enter since the HR unit is for indoor.
- Sufficient service space must be obtained.
- Refrigerant pipe must not exceed limited length.
- Avoid a place subject to a strong radiation heat from other heat source.
- Avoid a place where oil spattering, vapor spray or high frequency electric noise is expected.
- Install the unit at a place in which it is not affected by operation noise. (Installation within cell such as meeting room etc. may disturb business due to noise.)
- Place where refrigerant piping, drain piping and electrical wiring works are easy.
- Be sure to install the inspection door at the control box side.
- If reducers are used, servicing space must be increased equal to reducer's dimension.



### 3. Parts Function

PRHR023, PRHR033, PRHR043, PRHR063, PRHR083

| Parts Name             | Symbol  | Major Function                                                                     |
|------------------------|---------|------------------------------------------------------------------------------------|
| Low pressure gas pipe  | LPGV    | Pipe for Low pressure gas                                                          |
| High pressure gas pipe | HPGV    | Pipe for High pressure gas                                                         |
| Liquid pipe 1          | LP1     | Liquid pipe connected with outdoor unit                                            |
| Liquid bypass valve    | LBV     | Prevent Liquid charging                                                            |
| Solenoid Assembly 1, 2 | SOL1, 2 | Control the path for heating or cooling                                            |
| Liquid pipe 2          | LP2     | Liquid pipe connected with indoor unit                                             |
| Gas pipe               | GSP     | Gas pipe connected with indoor unit                                                |
| Balancing valve        | BLV     | Control the pressure between High and Low pressure pipe during operation switching |
| Subcooling EEV         | SCEEV   | Control the subcooling                                                             |



**Note**

■ It is a representative image that is commonly used and may be different for each model.

## 4.1 Normal

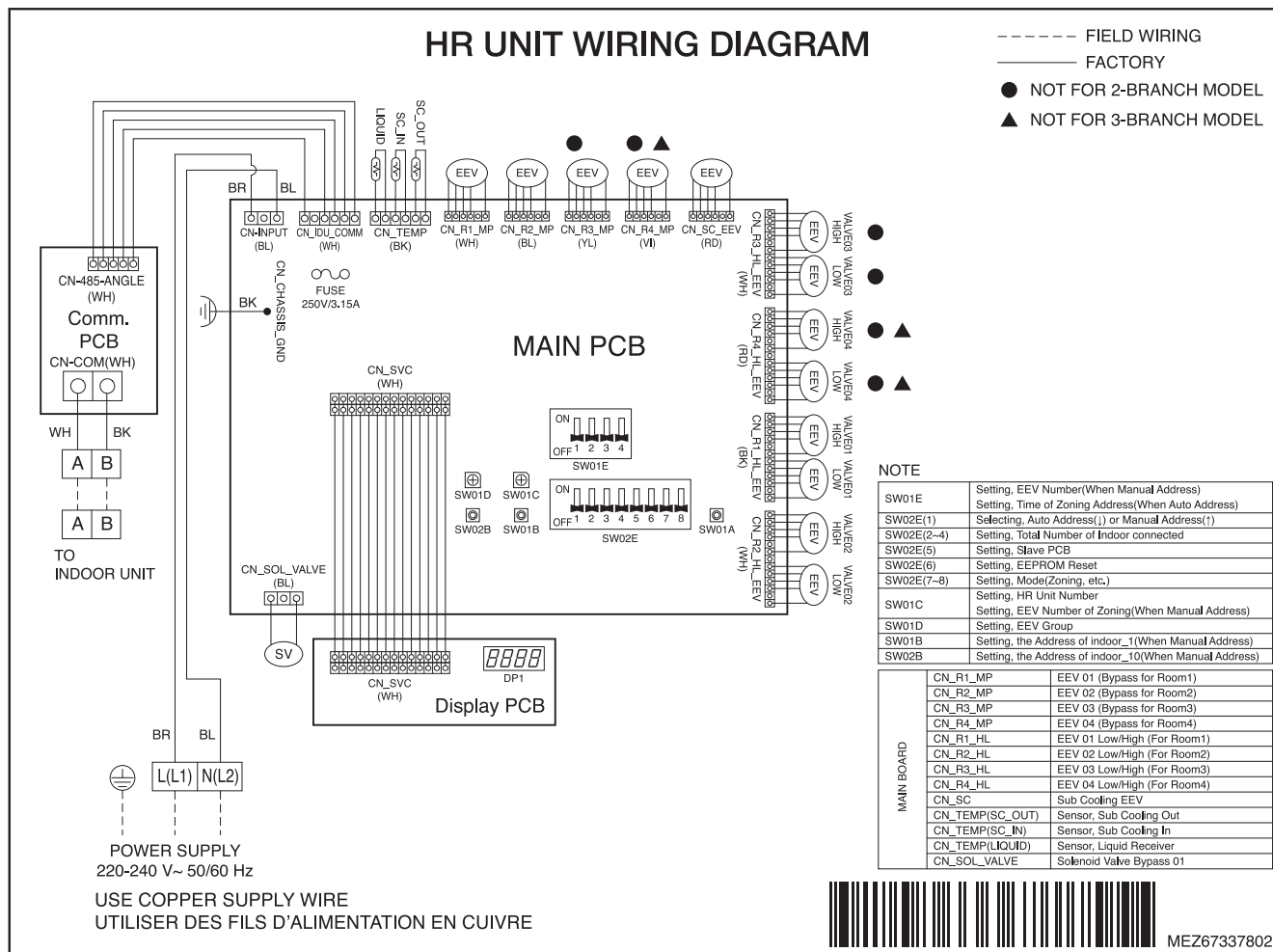
[illegible]

- It is a representative image that is commonly used and may be different for each model.
- A : To be switched operation between cooling and heating by two valves.
- B : To be used decreasing noise according to sub-cooling of inlet of indoor unit and outlet of indoor unit (Simultaneous operation).
- C : To prevent liquid charging between H/P gas valve and HR unit at cooling mode.
- D : To be controlled the pressure between High and Low pressure pipe during operation switching.

## 5. Wiring Diagrams

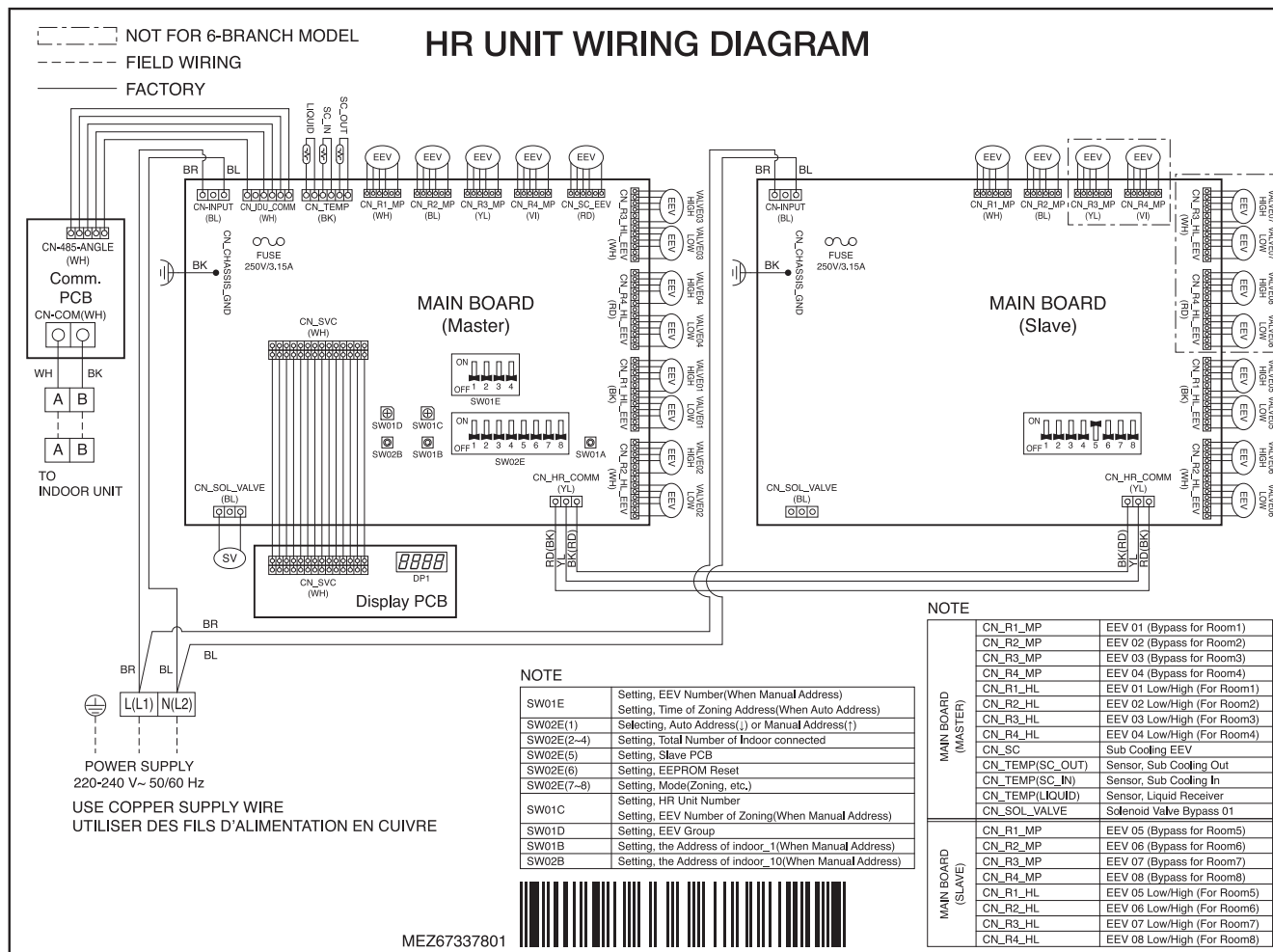
### 5.1 Product

PRHR023, PRHR033, PRHR043



## 5. Wiring Diagrams

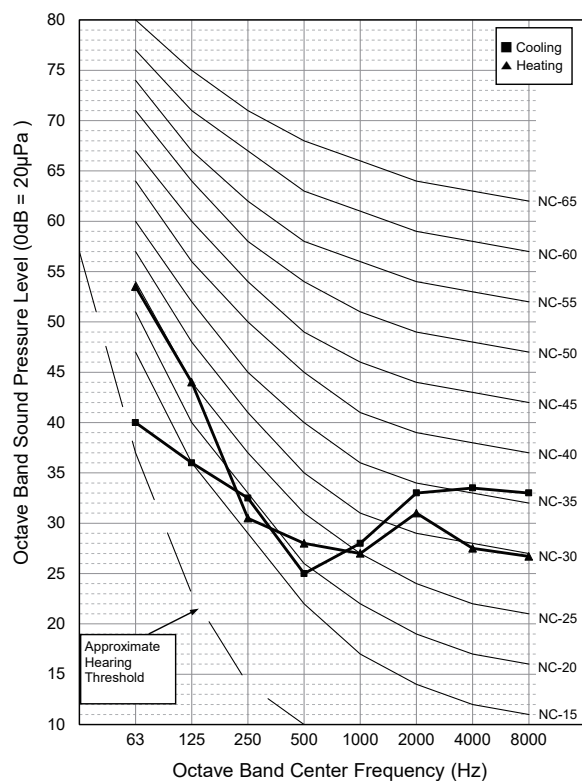
PRHR063, PRHR083



## 6. Sound Levels

### 6.1 Pressure Levels

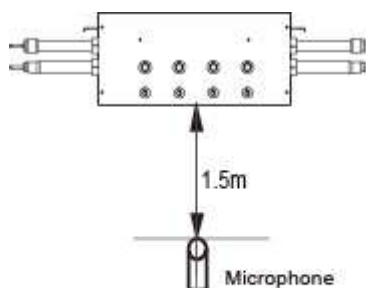
PRHR023, PRHR033, PRHR043, PRHR063, PRHR083



| Sound Level [ dB(A) ] |         |
|-----------------------|---------|
| Cooling / Heating     | 30 / 30 |

#### Note

- Sound measured at 1.5m away from the center of the unit.
- Operating condition
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- Reference acoustic pressure 0dB = 20μPa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The changeover sound was measured by switching the mode of one indoor unit.  
It could vary depending on the number of indoor units in operation, piping length and installation environment.

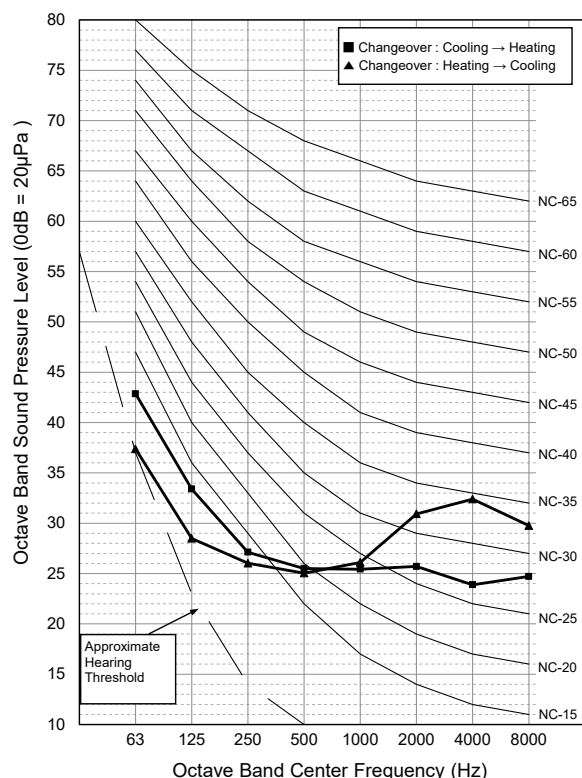


\* Measuring place : Anechoic chamber

## 6. Sound Levels

### 6.2 Pressure Levels (Changeover)

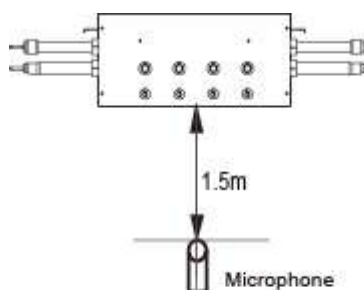
PRHR023, PRHR033, PRHR043, PRHR063, PRHR083



| Sound Level [ dB(A) ]                              |         |
|----------------------------------------------------|---------|
| Changeover : Cooling → Heating / Heating → Cooling | 33 / 38 |

#### Note

- Sound measured at 1.5m away from the center of the unit.
- Operating condition
  - Power source : 220-240V 50Hz / 220V 60Hz
  - Cooling : Indoor temperature (27°C DB, 19°C WB), Outdoor temperature (35°C DB, 24°C WB)
  - Heating : Indoor temperature (20°C DB, 15°C WB), Outdoor temperature (7°C DB, 6°C WB)
- Reference acoustic pressure 0dB = 20μPa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The changeover sound was measured by switching the mode of one indoor unit.  
It could vary depending on the number of indoor units in operation, piping length and installation environment.



※ Measuring place : Anechoic chamber

# Installation

## Installation of Outdoor Unit

## 1. Information for Refrigerant

---

### 1.1 Alternative Refrigerant

*The type of refrigerant applied depends on the outdoor unit cycle configuration. Ensure the refrigerant type in the specification of the indoor unit and outdoor unit to be installed.*

#### ■ Alternative Refrigerant \_ R410A

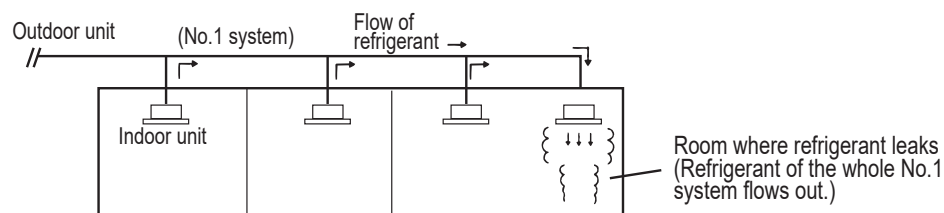
- The refrigerant R410A has the property of higher operating pressure in comparison with R22. Therefore, all materials have the characteristics of higher resisting pressure than ones of R22 and this characteristic should also be considered during the installation.
- The wall thickness of the piping should comply with the relevant local and national regulations for the designed pressure. (R410A 3.8MPa)
- For high-pressure refrigerant, any unapproved pipe must not be used.
- Do not heat pipes more than necessary to prevent them from softening.
- Do not place the refrigerant container under the direct rays of the sun to prevent it from exploding.
- R410A is an azeotrope of R32 and R125 mixed at 50:50, so the ozone depletion potential(ODP) of R410A is 0.
- Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state.  
If the refrigerant is charged in its gaseous state, its composition changes and the system will not work properly.
- Be careful not to install wrongly to minimize economic loss because it is expensive in comparison with R22.



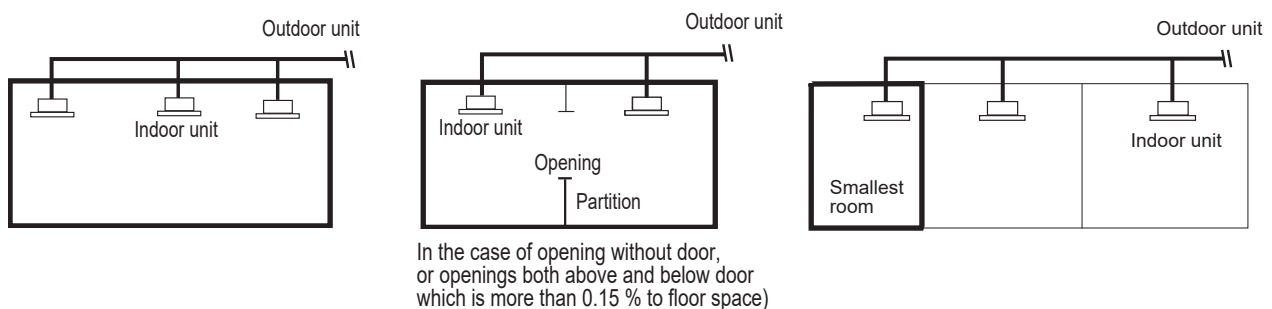
## 1. Information for Refrigerant

### 1.2 Caution For Refrigerant Leaks

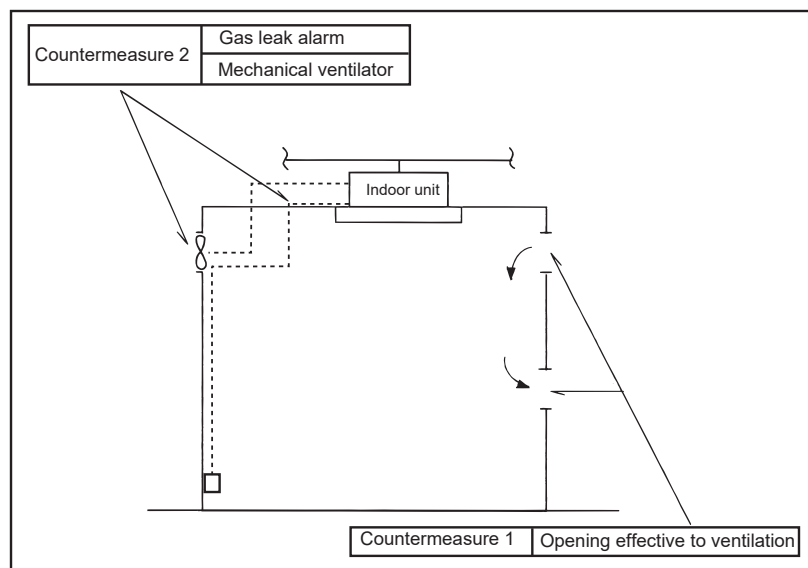
#### < Needs to Calculation of Refrigeran concentration >



#### < Calculation of Room Space >



#### < Countermeasure when concentration is exceed >



The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

#### ■ Concentration limit : 0.44 kg/m<sup>3</sup> (for R410A)

Concentration limit (Freon gas weight per unit air volume, kg/m<sup>3</sup>) is the limit of Freon gas concentration where immediate measures can be taken without hurting human body when refrigerant leaks in the air.

#### ■ Calculate refrigerant concentration

Check concentration limit along following steps and take appropriate measure depending on the situation.

##### (1) Calculate total amount of refrigerant per each system (A, kg)

Total amount of refrigerant in the system (A, kg)

= Amount of pre-charged refrigerant per single system (B, kg) + Amount of additional replenished refrigerant (C, kg)

(B : Amount of replenished refrigerant at factory shipment)

(C : Amount of additionally replenished refrigerant depending on piping length or piping diameter by customer)

## 1. Information for Refrigerant

※ In case one refrigerant facility is divided into 2 or more refrigerant systems and each system is independent, amount of replenished refrigerant of each system shall be adopted.

### (2) Calculate the volume of the room where indoor unit is installed as single room or the smallest room. (D, m<sup>3</sup>)

In case of room with partition and without opening which serve as passage of air to adjoining room, calculate the room space only.

- In case of room with partition but opened which serve passage of air to adjoining room, calculate the room space include space of adjoining room. (In the case of opening without door, or openings both above and below door which is more than space 0.15 % to floor space)

### (3) Calculate refrigerant concentration.

*Refrigerant concentration*

= Total amount of refrigerant system (A, kg) ÷ Volume of smallest room where indoor unit is installed (D, m<sup>3</sup>)

[ Refrigerant concentration ≤ Maximum concentration (kg/m<sup>3</sup>, R410A is 0.44) ]

In case the result of calculation exceeds the concentration limit, perform the same calculations by shifting to the second smallest, and the third smallest rooms until at last the result is below the concentration limit.

### ■ In case the concentration exceeds the limit

When the concentration exceeds the limit, change original plan or take one of the counter measure shown below:

- Counter measure 1

Provide opening 0.15% or more size of opening to floor space both above and below door for ventilation, or provide opening without door.

- Counter measure 2

Provide gas leak alarm linked with mechanical ventilator.

- Counter measure 3

Reducing the system's refrigerant quantity by deviding into smaller separate system.

### < ! > CAUTIONS

Pay a special attention to the place, such as a basement, etc. where refrigerant can stay, since refrigerant is heavier than air.

## 2. Selection of the best Location

---

### 2.1 Best Location

Select space for installing outdoor unit, which will meet the following conditions:

- No direct thermal radiation from other heat sources.
  - No possibility of annoying neighbors due to noise of unit.
  - No exposition to strong wind.
  - Place with strength which bears weight of unit.
  - Note that drain flows out of unit when heating mode operation (except for Cooling only model).
  - Because of the possibility of fire, do not install unit to the space where generation, inflow, stagnation, and leakage of combustible gas is expected.
  - Avoid unit installation in a place where acidic solution and spray (sulfur) are often used.
  - Do not use unit under any special environment where oil, steam and sulfuric gas exist.
  - It is recommended to fence round the outdoor unit in order to prevent any person or animal from accessing the outdoor unit.
  - If installation site is area of heavy snowfall, then the following directions should be observed.
    - Make the foundation as high as possible / Fit a snow protection hood.
  - Select installation location considering following conditions to avoid bad condition when performing defrost operation.
    - Install the unit at a place well ventilated and having a lot of sunshine in case of installing the product at a place with a high humidity in winter (near beach, coast, lake, etc).  
(Ex) Rooftop where sunshine always shines.
    - Performance of heating will be reduced and pre-heat time of the indoor unit may be lengthened in case of installing the outdoor unit in winter at following location:
      - ▷ Shade position with a narrow space.
      - ▷ Location with much moisture in neighboring floor.
      - ▷ Location with much humidity around.
- It is recommended to install the outdoor unit at a place with a lot of sunshine as possible as.
- ▷ Location where liquid gathers since the floor is not even.
  - ▷ When installing the outdoor unit in a place that is constantly exposed to a strong wind like a coast or on a high story of a building, secure a normal fan operation by using a duct or a wind shield.

#### ■ Cautions corresponding to strong/seasonal wind

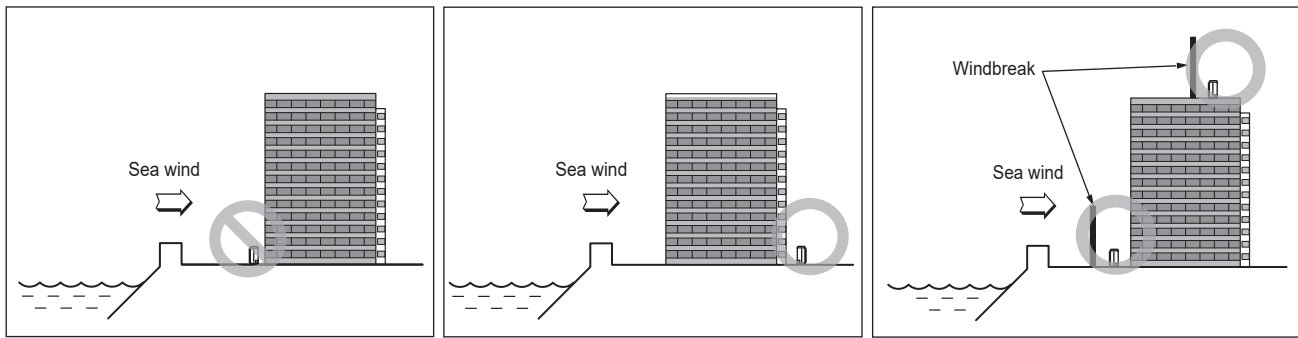
- When the "Outdoor unit of Side Discharge Type" is installed in a place that is constantly exposed to a strong wind like a coast or on a high story of a building, secure a normal fan operation by using a duct or a wind shield.
  - Don't install the suction hole and discharge hole of the Outdoor unit facing the seasonal wind.
  - Install the unit so that its discharge port faces to the wall of the building.  
Keep a distance 500mm or more between the unit and the wall surface.
  - Supposing the wind direction during the operation season of the air conditioner, install the unit so that the discharge port is set at right angle to the wind direction.

#### ■ Cautions in winter

- Sufficient measures are required in a snow area or severe cold area in winter so that product can be operated well.
- Get ready for seasonal wind or snow in winter even in other areas.
- Install a suction and discharge duct not to let in snow or rain.
- Install the outdoor unit not to come in contact with snow directly. If snow piles up and freezes on the air suction hole, the system may malfunction. If it is installed at snowy area, attach the hood to the system.
- Where snow accumulated on the upper part of the Outdoor Unit, always remove snow for operation.
- If width of the frame is wider than that of the product, snow may accumulate. So, its width shall not exceed the width of the product.

## 2. Selection of the best Location

### 2.2 Special guide for installation at the Seaside



※ This figure is representative. Actual appearance of outdoor unit may be different by product type.

### < ! > CAUTIONS

- Air conditioners should not be installed in areas where corrosive gases, such as acid or alkaline gas, are produced.
- Do not install the product where it could be exposed to sea wind (salty wind) directly. It can result corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient performance.
- If outdoor unit is installed close to the seaside, it should avoid direct exposure to the sea wind. Otherwise it needs additional anticorrosion treatment on the heat exchanger.

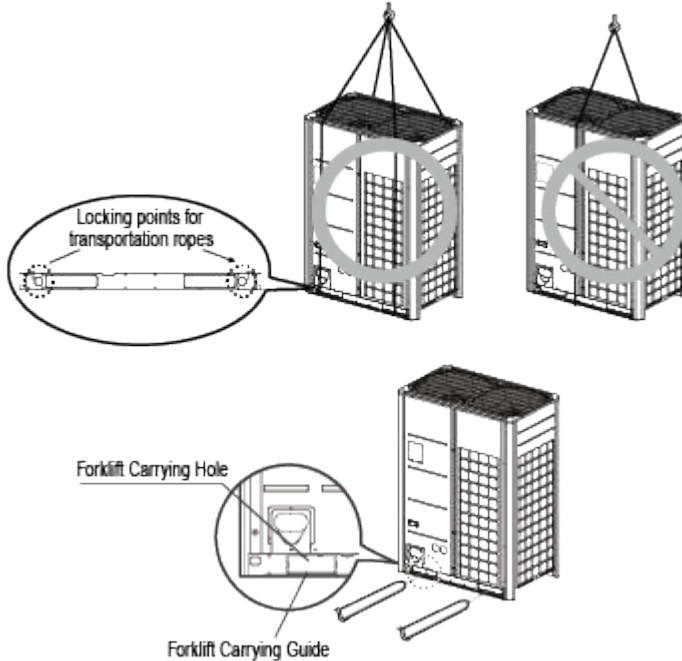
### ■ Selecting the location of Outdoor Units

- If the outdoor unit is to be installed close to the seaside, direct exposure to the sea wind should be avoided.
- Install the outdoor unit on the opposite side of the sea wind direction.
- It should be strong enough like concrete to prevent the sea wind from the sea.
- The height and width should be more than 150% of the outdoor unit.
- It should be kept more than 70 cm of space between outdoor unit and the windbreak for easy air flow.
- In case, to install the outdoor unit on the seaside, set up a windbreak not to be exposed to the sea wind.
- Select a well-drained place.
- Periodic ( more than once/year ) cleaning of the dust or salt particles stuck on the heat exchanger by using water.

## 2. Selection of the best Location

### 2.3 Lifting Method

- When carrying the suspended, unit pass the ropes under the unit and use the two suspension points each at the front and rear.
- Always lift the unit with ropes attached at four points so that impact is not applied to the unit.
- Attach the ropes to the unit at an angle of 40° or less.

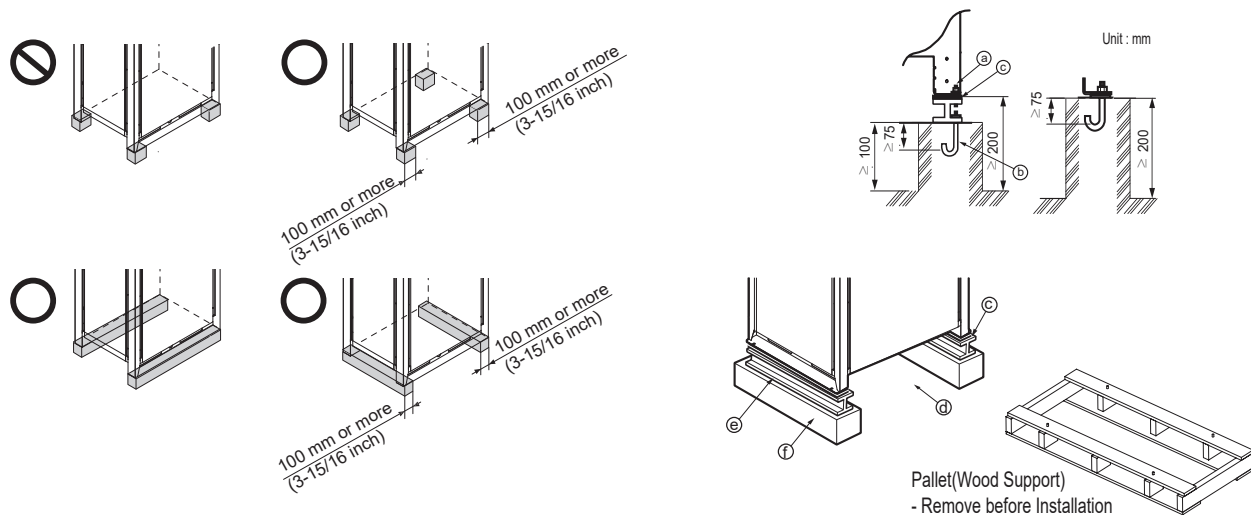


\* This figure is representative. Actual appearance of unit may be different by product type but method will stay the same.

### < ! > CAUTION

- Be very careful while carrying the product.
- PP bands are used to pack some products. Do not use them as a mean for transportation because they are dangerous.
- Do not touch heat exchanger fins with your bare hands. Otherwise you may get a cut in your hands.
- Tear plastic packaging bag and scrap it so that children cannot play with it.  
Otherwise plastic packaging bag may suffocate children to death.
- When carrying in Outdoor Unit, be sure to support it at four points.  
Carrying in and lifting with 3-point support may make Outdoor Unit unstable, resulting in a fall.
- Use 2 belts of at least 8m(26.2ft) long.
- Place extra cloth or boards in the locations where the casing comes in contact with the sling to prevent damage.
- Hoist the unit making sure it is being lifted at its center of gravity.

### 3. Foundation for Installation

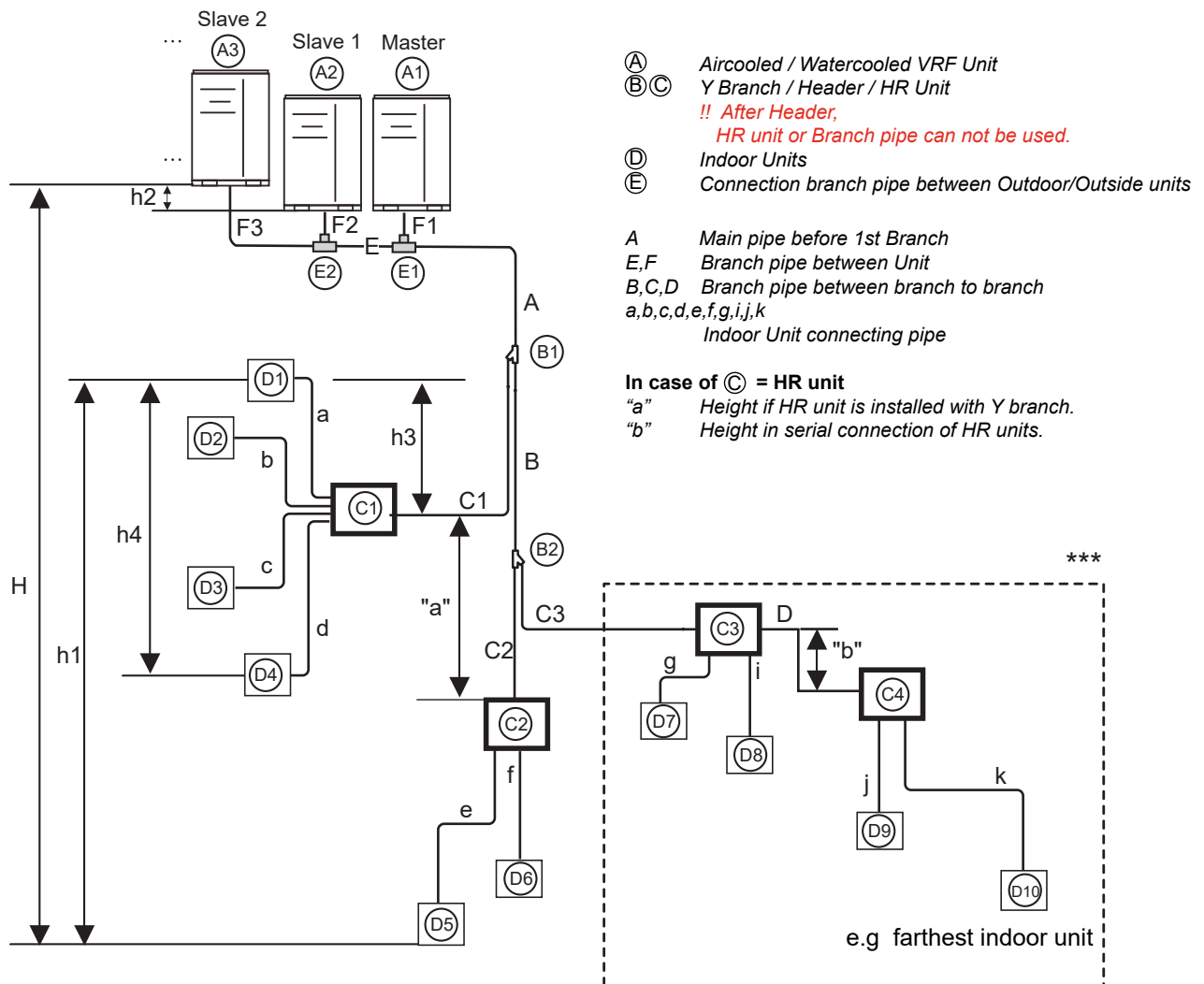


- Install where it can sufficiently support the weight of the outdoor unit.  
If the support strength is not enough, the outdoor unit may drop and hurt people.
- Install where the outdoor unit may not fall in strong wind or earthquake.  
If there is a fault in the supporting conditions, the outdoor unit may fall and hurt people.
- Please take extra cautions on the supporting strength of the ground, water outlet treatment (treatment of the water flowing out of the outdoor unit in operation), and the passages of the pipe and wiring, when making the ground support.
- Do not use tube or pipe for water outlet in the Base pan. Use drainage instead for water outlet.  
The tube or pipe may freeze and the water may not be drained.
- Install at places where it can endure the weight and vibration/noise of the outdoor unit.
- The outdoor unit supports at the bottom shall have width of at least 100mm under the unit's legs before being fixed.
- The outdoor unit supports should have minimum height of 200mm.
- Anchor bolts must be inserted at least 75mm.
- Fix the unit tightly with bolts as shown so that unit will not fall down due to earthquake or gust.
  - a. The corner part must be fixed firmly. Otherwise, the support for the installation may be bent.
  - b. Get and use M10 Anchor bolt.
  - c. Noise and vibration may occur from the floor or wall since vibration is transferred through the installation part depending on installation status. Thus, use anti-vibration materials (cushion pad) fully.  
(The base pad shall be more than 200mm)
  - d. Space for pipes and wiring (Pipes and wiring for bottom side)
  - e. Use the H-beam support as a base support
  - f. Concrete support
- Be sure to remove the Pallet (Wood Support) of the bottom of the outdoor unit before fixing the bolt or welding.  
It may cause the unstable state of the outdoor settlement, and may cause freezing of the heat exchanger resulting in abnormal operations, hazard of fire during welding.

## 4. Refrigerant Piping System

### 4.1 System diagram

#### Example : 10 Indoor Units connected



- It is recommended that difference in length of the pipes connected to the indoor units (a~k) is minimized. The large difference in pipe lengths, the more different performance between indoor units.
- \*\*\* Serial connection of HR units : Capacity sum of indoor units  $\leq 230$  kbtu/hr  
If the large capacity indoor units (Over 5 HP; using over  $\varnothing 15.88/\varnothing 9.52$ ) are installed, it should be used the Valve Group setting.
- HR unit is for Heat Recovery System only.

## 4. Refrigerant Piping System

### 4.2 Refrigerant piping system design

#### Limit of Piping Length and difference in height

|     |                                                                                         |                            |
|-----|-----------------------------------------------------------------------------------------|----------------------------|
| L   | Overall Piping Length<br>(A+B+C1+C2+C3+D+a+b+c+d+e+f+g+i+j+k)                           | 1,000m                     |
| L1  | Longest pipe length (A+B+C3+D+K)<br>: between outdoor Unit and the farthest indoor unit | 150m (200m <sup>**</sup> ) |
|     | Longest pipe Equivalent length*<br>between outdoor Unit and the farthest indoor unit    | 175m (225m <sup>**</sup> ) |
| L2  | First outside branch ~ the farthest indoor unit (B+C3+D+k)                              | 40m (90m <sup>**</sup> )   |
| L3  | Length from each indoor unit to the closest HR Unit / Header                            | 40 m <sup>**</sup>         |
| L4  | Length from outdoor branch to outdoor unit (F1,E+F2,E+F3)                               | 10 m                       |
|     | Equivalent length from outdoor branch to outdoor unit *                                 | 13 m                       |
| H   | Between outdoor Unit and Indoor Unit                                                    | 110 m                      |
| h1  | Between Indoor Unit and Indoor Unit                                                     | 40 m                       |
| h2  | Between outdoor Unit and outdoor Unit                                                   | 5 m                        |
| h3  | Between Indoor Unit and HR Unit                                                         | 15 m                       |
| h4  | Between Indoor Unit and Indoor Unit connected to same HR unit                           | 15 m                       |
| "a" | Between HR Unit and HR Unit                                                             | 30 m                       |
| "b" | Between HR Unit and HR Unit within same branch                                          | 5 m                        |

• \* Equivalent Length

: Assume equivalent pipe length of Y branch to be 0.5m, that of header to be 1m for calculation purpose.

• \*\* Conditional application : For branch pipes after "Header", conditional application could not be applied.

• It is recommended that indoor unit is installed at lower position than the header. And Branch pipe can not be used after header.

• HR unit is for Heat Recovery System only.

#### < ! > WARNING

When the any one (or both ) of below conditions are satisfied, the diameter of main pipe (A) must be increased according to below table.

- The equivalent length between outdoor unit and the farthest indoor unit is 90m (295ft) or more (Liquid or Gas pipes are increased in accordance with below table)
- The level difference (Outdoor/Outside unit ↔ Indoor unit) is 50m (164ft) or more (Only liquid pipe is increased)

#### Refrigerant pipe diameter from outdoor unit to first branch. (A)

| For Heat Recovery System                                  |                           |                                        |                                         |                           |                                        |                                         |
|-----------------------------------------------------------|---------------------------|----------------------------------------|-----------------------------------------|---------------------------|----------------------------------------|-----------------------------------------|
| Upward Outdoor<br>/Outside unit<br>total capacity<br>(HP) | Standard Pipe Diameter    |                                        |                                         | Increased Pipe Diameter   |                                        |                                         |
|                                                           | Liquid pipe<br>[mm(inch)] | Low Pressure<br>Gas pipe<br>[mm(inch)] | High Pressure<br>Gas pipe<br>[mm(inch)] | Liquid pipe<br>[mm(inch)] | Low Pressure<br>Gas pipe<br>[mm(inch)] | High Pressure<br>Gas pipe<br>[mm(inch)] |
| 8                                                         | Ø 9.52 (3/8)              | Ø 19.05 (3/4)                          | Ø 15.88 (5/8)                           | Ø 12.7 (1/2)              | Not increased                          | Not increased                           |
| 10                                                        | Ø 9.52 (3/8)              | Ø 22.2 (7/8)                           | Ø 19.05 (3/4)                           | Ø 12.7 (1/2)              | Not increased                          | Not increased                           |
| 12                                                        | Ø 12.7 (1/2)              | Ø 28.58 (1-1/8)                        | Ø 19.05 (3/4)                           | Ø 15.88 (5/8)             | Not increased                          | Not increased                           |
| 14 ~ 16                                                   | Ø 12.7 (1/2)              | Ø 28.58 (1-1/8)                        | Ø 22.2 (7/8)                            | Ø 15.88 (5/8)             | Not increased                          | Not increased                           |
| 18 ~ 20                                                   | Ø 15.88 (5/8)             | Ø 28.58 (1-1/8)                        | Ø 22.2 (7/8)                            | Ø 19.05 (3/4)             | Not increased                          | Not increased                           |
| 22                                                        | Ø 15.88 (5/8)             | Ø 28.58 (1-1/8)                        | Ø 28.58 (1-1/8)                         | Ø 19.05 (3/4)             | Not increased                          | Not increased                           |
| 24                                                        | Ø 15.88 (5/8)             | Ø 34.9 (1-3/8)                         | Ø 28.58 (1-1/8)                         | Ø 19.05 (3/4)             | Not increased                          | Not increased                           |
| 26 ~ 34                                                   | Ø 19.05 (3/4)             | Ø 34.9 (1-3/8)                         | Ø 28.58 (1-1/8)                         | Ø 22.2 (7/8)              | Not increased                          | Not increased                           |
| 36                                                        | Ø 19.05 (3/4)             | Ø 41.3 (1-5/8)                         | Ø 28.58 (1-1/8)                         | Ø 22.2 (7/8)              | Not increased                          | Not increased                           |
| 38 ~ 60                                                   | Ø 19.05 (3/4)             | Ø 41.3 (1-5/8)                         | Ø 34.9 (1-3/8)                          | Ø 22.2 (7/8)              | Not increased                          | Not increased                           |
| 62 ~ 64                                                   | Ø 22.2 (7/8)              | Ø 41.3 (1-5/8)                         | Ø 34.9 (1-3/8)                          | Ø 25.4 (1) *              | Not increased                          | Not increased                           |
| 66 ~ 96                                                   | Ø 22.2 (7/8)              | Ø 53.98 (2-1/8)                        | Ø 41.3 (1-5/8)                          | Ø 25.4 (1) *              | Not increased                          | Not increased                           |

• \* : If available on site, select pipe size from the pipe diameter table according to capacity.

Otherwise it doesn't need to be increased.

• Model line up could be different in accordance with target region.



## 4. Refrigerant Piping System

| For Heat Pump System                             |                        |                     |                                                                       |                     |                                      |                     |
|--------------------------------------------------|------------------------|---------------------|-----------------------------------------------------------------------|---------------------|--------------------------------------|---------------------|
| Upward Outdoor /Outside unit total capacity (HP) | Standard Pipe Diameter |                     | Increased Pipe Diameter                                               |                     |                                      |                     |
|                                                  |                        |                     | Equivalent pipe length is 90m(295ft) or more from ODU to farthest IDU |                     | When Level difference is 50m or more |                     |
|                                                  | Liquid pipe [mm(inch)] | Gas pipe [mm(inch)] | Liquid pipe [mm(inch)]                                                | Gas pipe [mm(inch)] | Liquid pipe [mm(inch)]               | Gas pipe [mm(inch)] |
| 8                                                | Ø 9.52 (3/8)           | Ø 19.05 (3/4)       | Ø 12.7 (1/2)                                                          | Ø 22.2 (7/8)        | Ø 12.7 (1/2)                         | Not increased       |
| 10                                               | Ø 9.52 (3/8)           | Ø 22.2 (7/8)        | Ø 12.7 (1/2)                                                          | Ø 25.4 (1) *        | Ø 12.7 (1/2)                         | Not increased       |
| 12~ 14                                           | Ø 12.7 (1/2)           | Ø 28.58 (1-1/8)     | Ø 15.88(5/8)                                                          | Not increased       | Ø 15.88(5/8)                         | Not increased       |
| 16                                               | Ø 12.7 (1/2)           | Ø 28.58 (1-1/8)     | Ø 15.88 (5/8)                                                         | Ø 31.8(1-1/4) *     | Ø 15.88 (5/8)                        | Not increased       |
| 18 ~ 22                                          | Ø 15.88 (5/8)          | Ø 28.58 (1-1/8)     | Ø 19.05 (3/4)                                                         | Ø 31.8(1-1/4) *     | Ø 19.05 (3/4)                        | Not increased       |
| 24                                               | Ø 15.88 (5/8)          | Ø 34.9(1-3/8)       | Ø 19.05(3/4)                                                          | Not increased       | Ø 19.05(3/4)                         | Not increased       |
| 26 ~ 34                                          | Ø 19.05(3/4)           | Ø 34.9 (1-3/8)      | Ø 22.2(7/8)                                                           | Ø 38.1(1-1/2) *     | Ø 22.2(7/8)                          | Not increased       |
| 36 ~ 60                                          | Ø 19.05 (3/4)          | Ø 41.3 (1-5/8)      | Ø 22.2(7/8)                                                           | Not increased       | Ø 22.2 (7/8)                         | Not increased       |
| 62 ~ 64                                          | Ø 22.2(7/8)            | Ø 41.3 (1-5/8)      | Ø 25.4(1) *                                                           | Ø 53.98(2-1/8)      | Ø 25.4(1) *                          | Not increased       |
| 66 ~ 96                                          | Ø 22.2 (7/8)           | Ø 53.98 (2-1/8)     | Ø 25.4(1) *                                                           | Not increased       | Ø 25.4(1) *                          | Not increased       |

- \* : If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to be increased.
- Model line up could be different in accordance with target region.

### Refrigerant pipe diameter from branch to branch (B,C,D)

| Downward indoor unit total capacity [kW(Btu/h)] | Liquid pipe [mm(inch)] | Low Pressure Gas pipe [mm(inch)] | High Pressure Gas pipe [mm(inch)] |
|-------------------------------------------------|------------------------|----------------------------------|-----------------------------------|
| ≤ 5.6(19,100)                                   | Ø6.35(1/4)             | Ø12.7(1/2)                       | Ø9.52(3/8)                        |
| < 16.0 (54,600)                                 | Ø9.52(3/8)             | Ø15.88(5/8)                      | Ø12.7(1/2)                        |
| < 22.4 (76,400)                                 | Ø9.52(3/8)             | Ø19.05(3/4)                      | Ø15.88(5/8)                       |
| < 33.6(114,700)                                 | Ø9.52(3/8)             | Ø22.2(7/8)                       | Ø19.05(3/4)                       |
| < 50.4(172,000)                                 | Ø12.7(1/2)             | Ø28.58(1-1/8)                    | Ø22.2(7/8)                        |
| < 67.2(229,300)                                 | Ø15.88(5/8)            | Ø28.58(1-1/8)                    | Ø22.2(7/8)                        |
| < 72.8(248,400)                                 | Ø15.88(5/8)            | Ø34.9(1-3/8)                     | Ø28.58(1-1/8)                     |
| < 100.8(344,000)                                | Ø19.05(3/4)            | Ø34.9(1-3/8)                     | Ø28.58(1-1/8)                     |
| < 173.6(592,500)                                | Ø19.05(3/4)            | Ø41.3(1-5/8)                     | Ø34.9(1-3/8)                      |
| < 184.8(630,700)                                | Ø22.2(7/8)             | Ø41.3(1-5/8)                     | Ø34.9(1-3/8)                      |
| ≤ 291.2(993,600)                                | Ø22.2(7/8)             | Ø53.98(2-1/8)                    | Ø41.3(1-5/8)                      |

### Guide for Conditional Application(\*\*)

If the below conditions are satisfied, limit of longest pipe length after 1st branch( I ) could be extended by 40m(131ft) → 90m(295ft).

#### • Pipe diameter Size Up

Pipe diameter(only Liquid/low pressure gas pipes) between 1st branch and last branch(HR unit) is increased by one step.

If the pipe diameter of B, C3 is same as A, it is not necessary.

: Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...

If available on site, select pipe size from the pipe diameter table according to capacity. Otherwise it doesn't need to increase

#### • Correction for calculating the total pipe length

When calculating total pipe length, pipe B,C,D length should be calculated twice.

:  $A + B \times 2 + C3 \times 2 + D \times 2 + C1 + C2 + a + b + c + d + e + f + g + i + j + k + l + m + n \leq \text{Overall Pipe Length}$

#### • Indoor unit pipe length

Length of pipe from each indoor unit to the closest HR unit (a, b, c, d, e, f, g, i, j, k, l, m, n) ≤ 40m (131ft).

#### • Difference in length between outdoor unit and the farthest or closest indoor unit

[Length of pipe from outdoor unit to the farthest indoor unit 12 (B + C3 + D + k)] - [Length of pipe from outdoor unit to the closest indoor unit 1 (C1 + a)] ≤ 40m (131ft)

#### • After 1st branch directly connected indoor unit(Heat Pump System Only)

When installing pipe of indoor unit directly connected after 1st branch more than 40m and less than 90m,

-Pipe diameter is increased by one step.

Ø 6.35 → Ø 9.52 → Ø 12.7 → Ø 15.88 → Ø 19.05 → Ø 22.2 → ...

-Pipe length should be calculated twice.

## 4. Refrigerant Piping System

### Cautions for Y branch pipe

- In case of pipe diameter connected after first branch(B) is bigger than the main pipe diameter(A), B should be of the same size with A.
- Do not choose the main pipe diameter by downward indoor unit total capacity, but its outdoor/outside unit model name.
- Do not let the connection pipe from branch to branch exceed the main pipe diameter chosen by outdoor unit model name.  
*[Example 1] In case indoor unit combination ratio 120% is connected to 24HP(67.2 kW) outdoor unit.*
  - Outdoor unit main pipe diameter A : Ø34.9(Gas pipe), Ø15.88(liquid pipe)
  - Pipe diameter B after first branch according to 120% indoor unit ombination(80.6kW): Ø34.9(gas pipe),Ø19.05(liquid pipe)
    - ▷ **Therefore, pipe diameter B connected after first branch would be Ø34.9(gas pipe) / Ø15.88(liquid pipe) which is same with main pipe diameter.**
- [Example 2] Where connecting the indoor units to the 22HP (61.6kW) outdoor unit to 130% of its system capacity (80.1kW) and branching 7k (2.2kW) indoor unit at the 1st branch.*
  - Main pipe diameter(22 HP outdoor unit): Ø28.58(gas pipe), Ø15.88(Liquid pipe)
  - Pipe diameter between 1st and 2nd branch (77.9kW indoor units) : Ø34.9(Gas pipe), Ø19.05(Liquid pipe) in conformity with downward indoor units.
    - ▷ **Since the main pipe diameter of 22HP outdoor unit is Ø28.58 (gas pipe), Ø15.88(Liquid pipe) is used as the main pipe and the connection pipe between 1st and 2nd branch.**

### Cautions for header branch pipe

- It is recommended to install the difference between the length of the pipe after header branch(a~f) and the length of the pipe connected to indoor unit to be the minimum.
- As the pipe length difference increases, there may be performance differences between indoor units.
- Y branch and header branch cannot be used after header branch.

### Indoor Unit connecting pipe (a~k)

| Indoor Unit capacity<br>[kW(Btu/h)] | Liquid pipe<br>[mm(inch)] | Gas pipe<br>[mm(inch)] |
|-------------------------------------|---------------------------|------------------------|
| ≤ 5.6(19,100)                       | Ø6.35(1/4)                | Ø12.7(1/2)             |
| < 16.0(54,600)                      | Ø9.52(3/8)                | Ø15.88(5/8)            |
| < 22.4(76,400)                      | Ø9.52(3/8)                | Ø19.05(3/4)            |
| ≤ 28.0(95,900)                      | Ø9.52(3/8)                | Ø22.2(7/8)             |

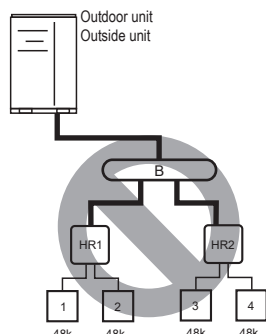
- Bending radius should be at least twice the diameter of the pipe.
- Bend pipe after 500mm or more from branch(or header).
- Do not bend U type. It may affect performance or result in noise. If U type bending is required, the R should be more than 200mm.

## 4. Refrigerant Piping System

### 4.3 Branch pattern for Heat Recovery System

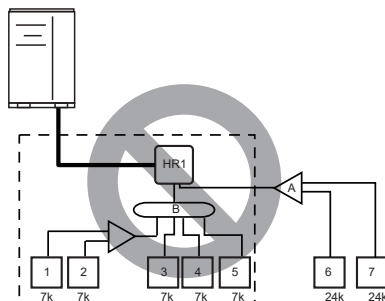
#### Pattern 1

- Impossible installation  
: Head branch pipe → HR unit

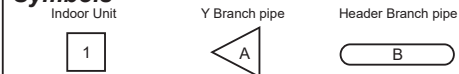


#### Pattern 2

- Impossible installation  
: HR unit → Y Branch and Header  
→ Y Branch after Header

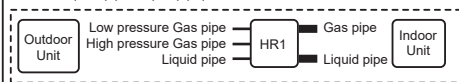


#### Symbols



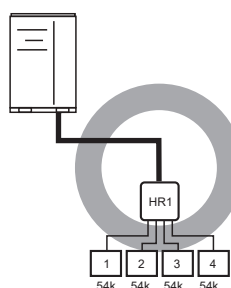
#### Piping of HR unit

- Pipe installation from outdoor units to HR units  
: 3 pipes  
(Low pressure Gas pipe, High pressure Gas pipe, Liquid pipe)
- Pipe installation from HR units to indoor units  
: 2 pipes  
(Gas pipe, Liquid pipe)

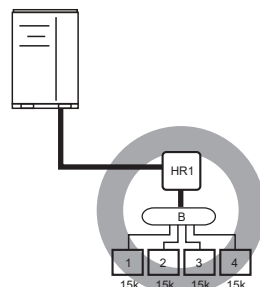


※ This figure is representative. Actual appearance of unit may be different by product type, but schematic diagram will stay same.

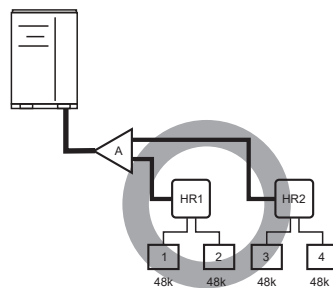
#### Pattern 3



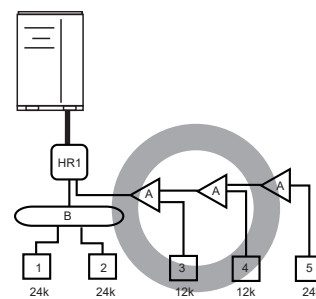
#### Pattern 4



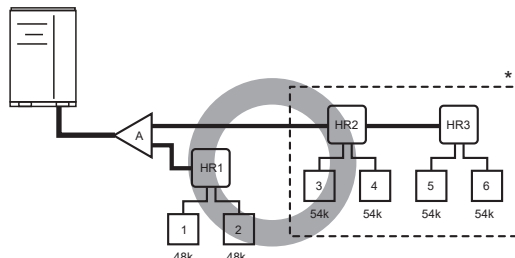
#### Pattern 5



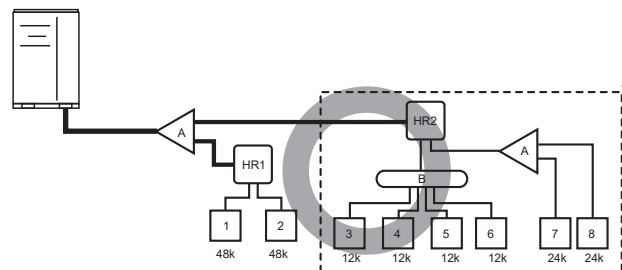
#### Pattern 6



#### Pattern 7



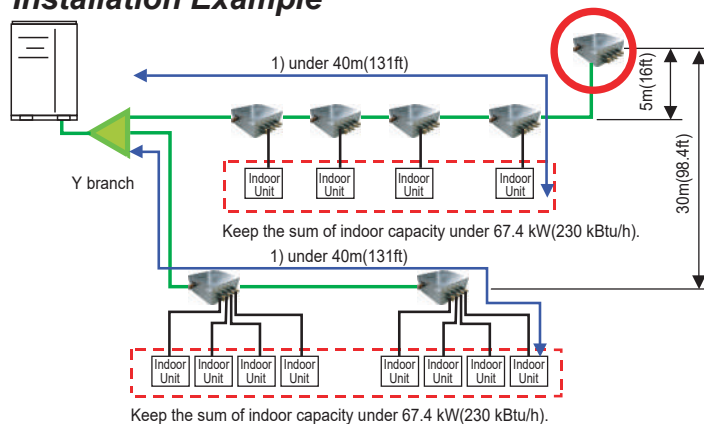
#### Pattern 8



### Connective Capacity Limit

- The maximum total capacity of each branch pipe of HR unit is 17.5 kW(60 kBTu/h).
- If a indoor unit capacity over that, two neighboring outlets of one HR unit should be linked by Y branch pipe and connected to one indoor unit.  
(Large capacity(76kBTu/h and 96kBTu/h unit)
- The maximum total capacity of indoor units is 67.4 kW(230 kBTu/h).
- \* : Serial connection of HR units  
: Capacity sum of indoor units ≤ 230 kBTu/h  
: Maximum indoor units per a branch are 8 indoor units

### Installation Example



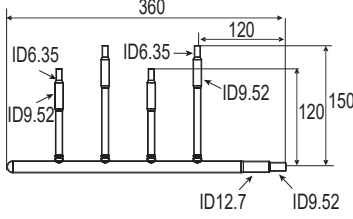
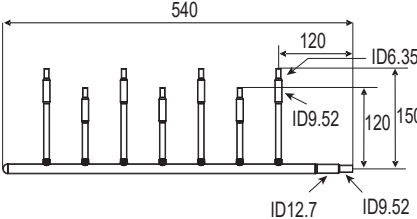
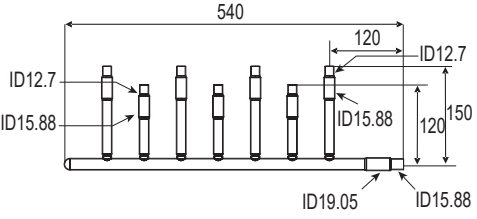
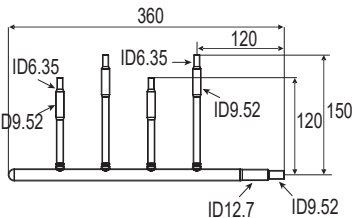
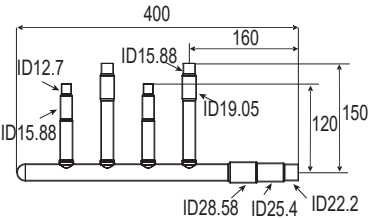
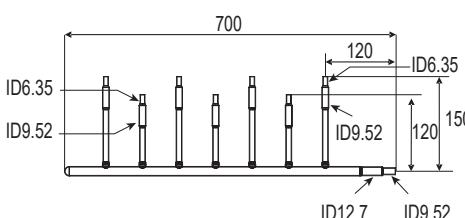
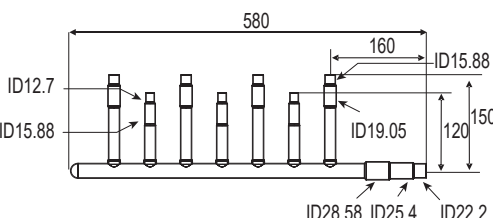
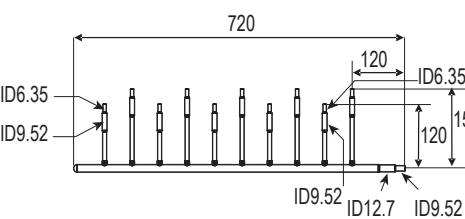
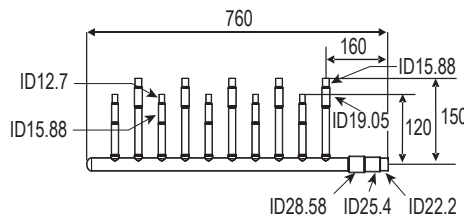
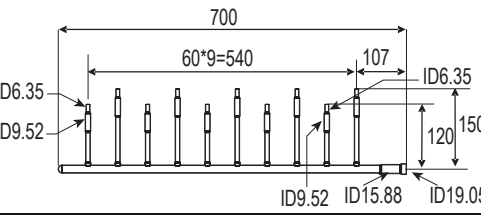
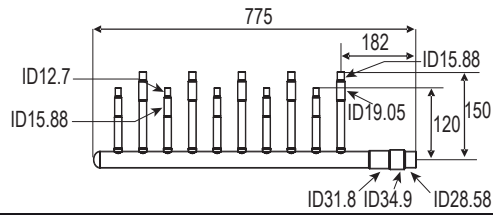
## 4. Refrigerant Piping System

### 4.4 Selection of Y Branch

| Model                                  | ARBLN- (For Heat Pump) : Liquid pipe + Low Pressure Gas Pipe<br>ARBLB- (For Heat Recovery) : Liquid pipe + Low Pressure Gas Pipe + High Pressure Gas Pipe |                       |                        |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|
|                                        | Liquid pipe                                                                                                                                               | Low Pressure Gas pipe | High Pressure Gas pipe |
| <b>ARBLN01621</b><br><b>ARBLB01621</b> |                                                                                                                                                           |                       |                        |
| <b>ARBLN03321</b><br><b>ARBLB03321</b> |                                                                                                                                                           |                       |                        |
| <b>ARBLN07121</b><br><b>ARBLB07121</b> |                                                                                                                                                           |                       |                        |
| <b>ARBLN14521</b><br><b>ARBLB14521</b> |                                                                                                                                                           |                       |                        |
| <b>ARBLN23220</b><br><b>ARBLB23220</b> |                                                                                                                                                           |                       |                        |

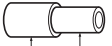
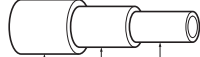
## 4. Refrigerant Piping System

### 4.5 Selection of Header

| Model                         | Liquid pipe                                                                         | Gas pipe                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>4 Branch<br/>ARBL054</b>   |    |  [Unit : mm] |
| <b>7 Branch<br/>ARBL057</b>   |    |              |
| <b>4 Branch<br/>ARBL104</b>   |   |             |
| <b>7 Branch<br/>ARBL107</b>   |  |            |
| <b>10 Branch<br/>ARBL1010</b> |  |            |
| <b>10 Branch<br/>ARBL2010</b> |  |            |

## 4. Refrigerant Piping System

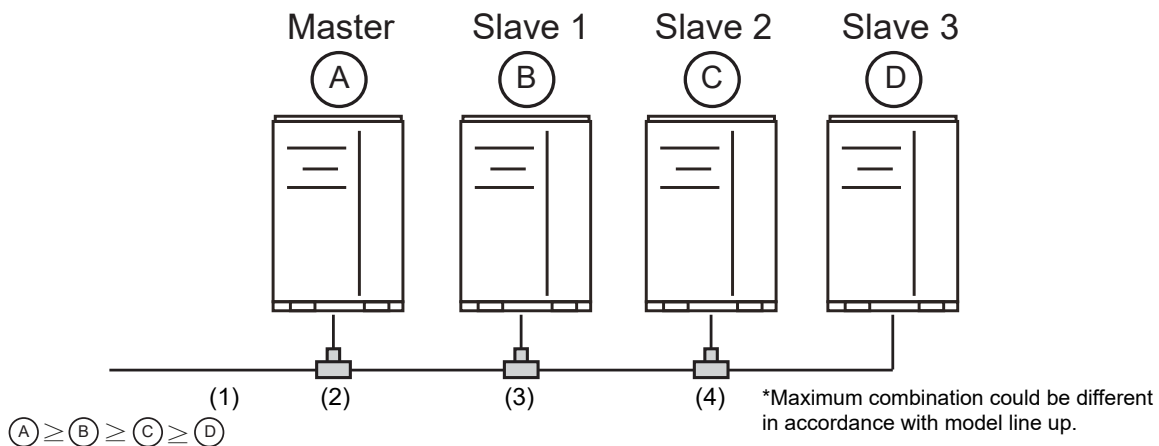
### 4.6 Selection of Reducer

| Model                      | Liquid pipe                                                                                                             | Low Pressure Gas pipe                                                                                                       | High Pressure Gas pipe                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Indoor Unit Reducer</b> | <br>OD9.52(3/8) Ø6.35(1/4)             | <br>OD15.88(5/8) Ø12.7(1/2)                | [Unit : mm(inch)]                                                                                                          |
| <b>PRHR023</b>             | <br>OD9.52(3/8) Ø6.35(1/4)             | <br>OD22.2(7/8) Ø19.05(3/4) Ø15.88(5/8)   | <br>OD19.05(3/4) Ø15.88(5/8) Ø12.7(1/2) |
| <b>HR Unit Reducer*</b>    |                                                                                                                         | <br>OD15.88(5/8) Ø12.7(1/2)                | <br>OD12.7(1/2) Ø9.52(3/8)              |
| <b>PRHR033</b>             | <br>OD15.88(5/8) Ø12.7(1/2) Ø9.52(3/8) | <br>OD28.58(1-1/8) Ø22.2(7/8) Ø19.05(3/4) | <br>OD22.2(7/8) Ø19.05(3/4) Ø15.88(5/8) |
| <b>PRHR043</b>             |                                                                                                                         |                                                                                                                             |                                                                                                                            |
| <b>PRHR063</b>             | <br>OD12.7(1/2) Ø9.52(3/8)             | <br>OD19.05(3/4) Ø15.88(5/8)               | <br>OD15.88(5/8) Ø12.7(1/2)             |
| <b>PRHR083</b>             |                                                                                                                         |                                                                                                                             |                                                                                                                            |

※ \* : For Heat Recovery System Only

## 4. Refrigerant Piping System

### 4.7 Series Unit Connection(Heat Recovery)



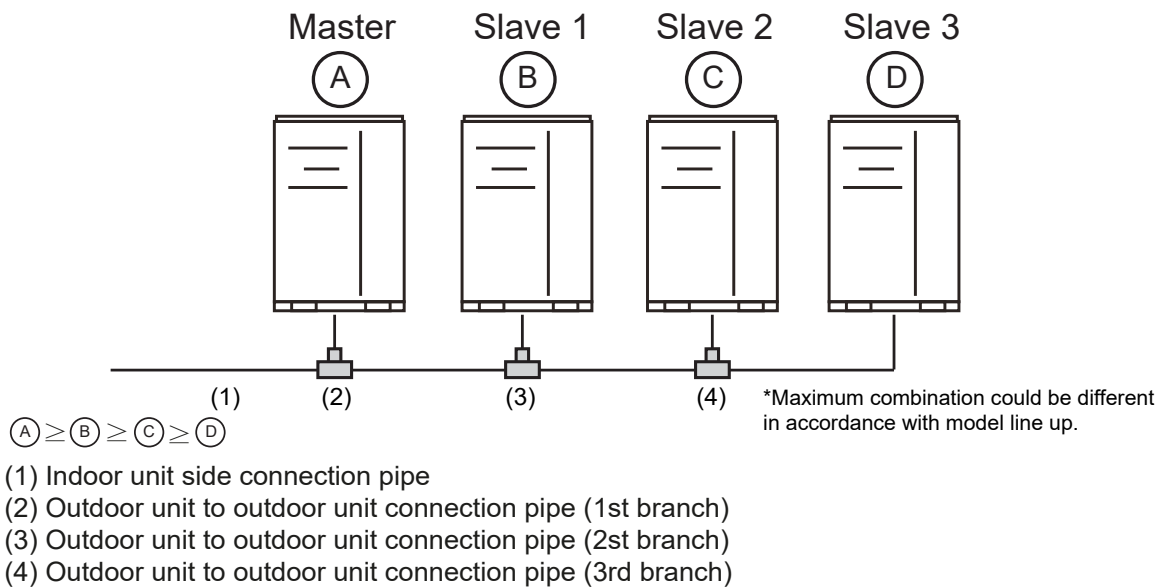
- (1) Indoor unit side connection pipe  
 (2) Outdoor unit to outdoor unit connection pipe (1st branch)  
 (3) Outdoor unit to outdoor unit connection pipe (2nd branch)  
 (4) Outdoor unit to outdoor unit connection pipe (3rd branch)

| Outdoor Unit | Model   | Low Pressure Gas Pipe[Unit : mm] | Liquid Pipe [Unit : mm] | High Pressure Gas Pipe[Unit : mm] |
|--------------|---------|----------------------------------|-------------------------|-----------------------------------|
| 2 Units      | ARCNB21 |                                  |                         |                                   |
| 3 Units      | ARCNB31 |                                  |                         |                                   |
| 4 Units      | ARCNB41 |                                  |                         |                                   |

For more information including installation method of connection pipe, refer accessory installation manual.

## 4. Refrigerant Piping System

### 4.8 Series Unit Connection(Heat Pump)



| Outdoor Unit | Model   | Liquid Pipe | Gas Pipe |
|--------------|---------|-------------|----------|
| [Unit : mm]  |         |             |          |
| 2 Units      | ARCNN21 |             |          |
| 3 Units      | ARCNN31 |             |          |
| 4 Units      | ARCNN41 |             |          |

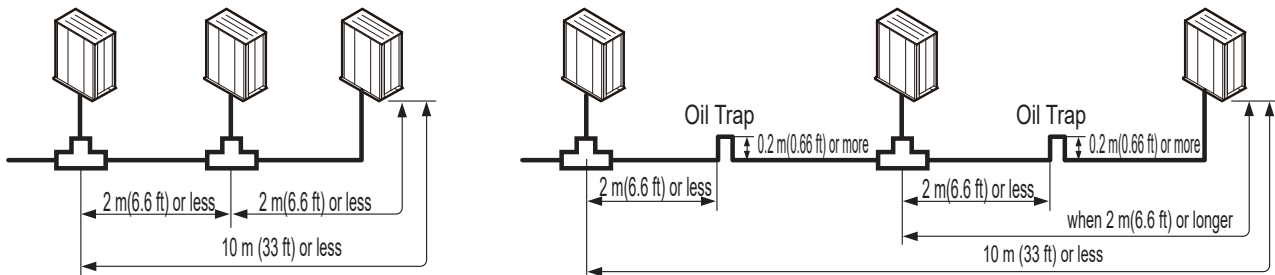
For more information including installation method of connection pipe, refer accessory installation manual.



## 4. Refrigerant Piping System

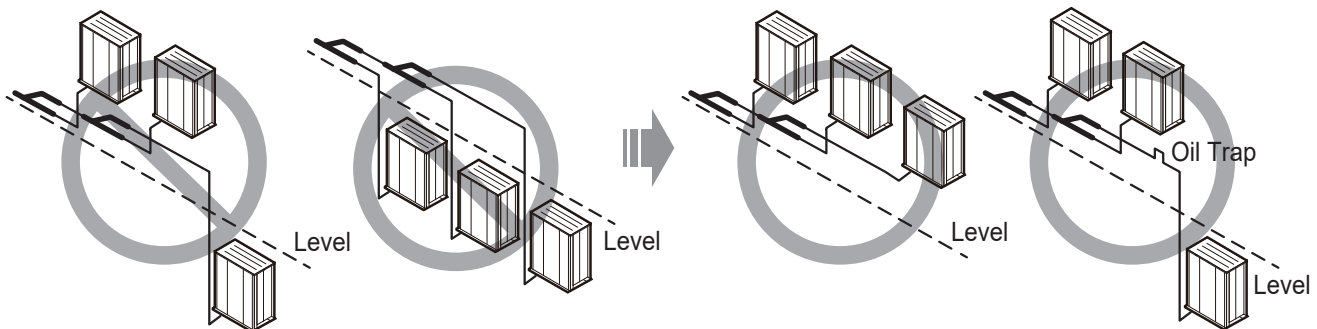
### 4.9 Oil Trap Application

#### Oil trap application



\* If the distance between the outdoor units becomes more than 2 m (6.6 ft), apply Oil Traps between the gas pipes.

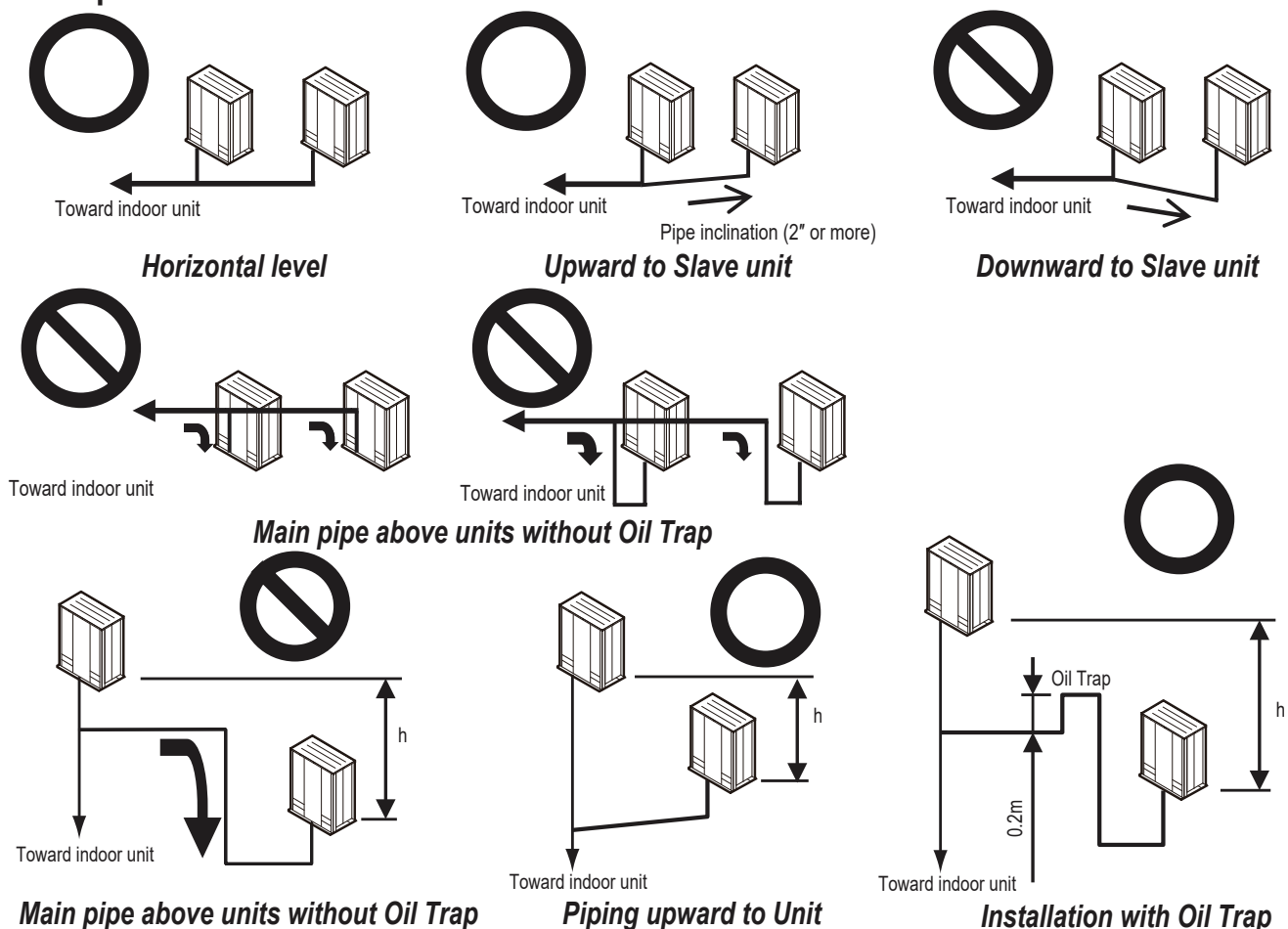
\* If the outdoor unit is located lower than the main pipe, apply Oil Trap.



\* The pipes between the outdoor units must maintain horizontal levelness or give an inclination to prevent a backflow toward the slave outdoor units. Otherwise the unit may not operate properly.

\* If the Outdoor units are located at different level or pipe is higher than Outdoor units, OIL TRAP must be installed after each Y branch at same level of Y branch. (Pipe line : Gas pipe for Heat Pump / High Pressure & Low Pressure Gas pipe for Heat Recovery)

#### Example of series connection



## 4. Refrigerant Piping System

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- Please refer to the below connection examples to install pipe connections between outdoor/outside units.
- Because of the possibility of oil being accumulated in the outdoor/outside unit that has stopped, when there is a height difference between outdoor/outside unit pipes or if the pipe distance between the outdoor/outside units is over 2m, you must always apply an oil trap.  
(But, the oil trap between outdoor/outside units is limited to 1 time and is only applied to the gas pipe.)
- If the pipe distance between the outdoor/outside units is 2m or below, and if the location of the main pipe is lower than that of the outdoor/outside unit and if the location of the main pipe is lower than that of the outdoor/outside unit, the oil trap does not have to be applied.
- If the location of the main pipe is higher than the location of the outdoor/outside unit, be careful since the oil can be accumulated in the stopped outdoor/outside unit.
- If there is high/low difference between the outdoor/outside unit pipes, oil can be accumulated to the outdoor/outside unit on the lower location until the unit stops.
  - The pipes between the outdoor/outside unit must maintain horizontal levelness or give an inclination to prevent a back flow toward the slave outdoor/outside unit. Otherwise, the unit may not operate properly.
  - When connecting the pipes between the outdoor/outside units, the accumulation of oil in the slave outdoor/outside unit should be avoided. Otherwise, the unit may not operate properly.

## 4. Refrigerant Piping System

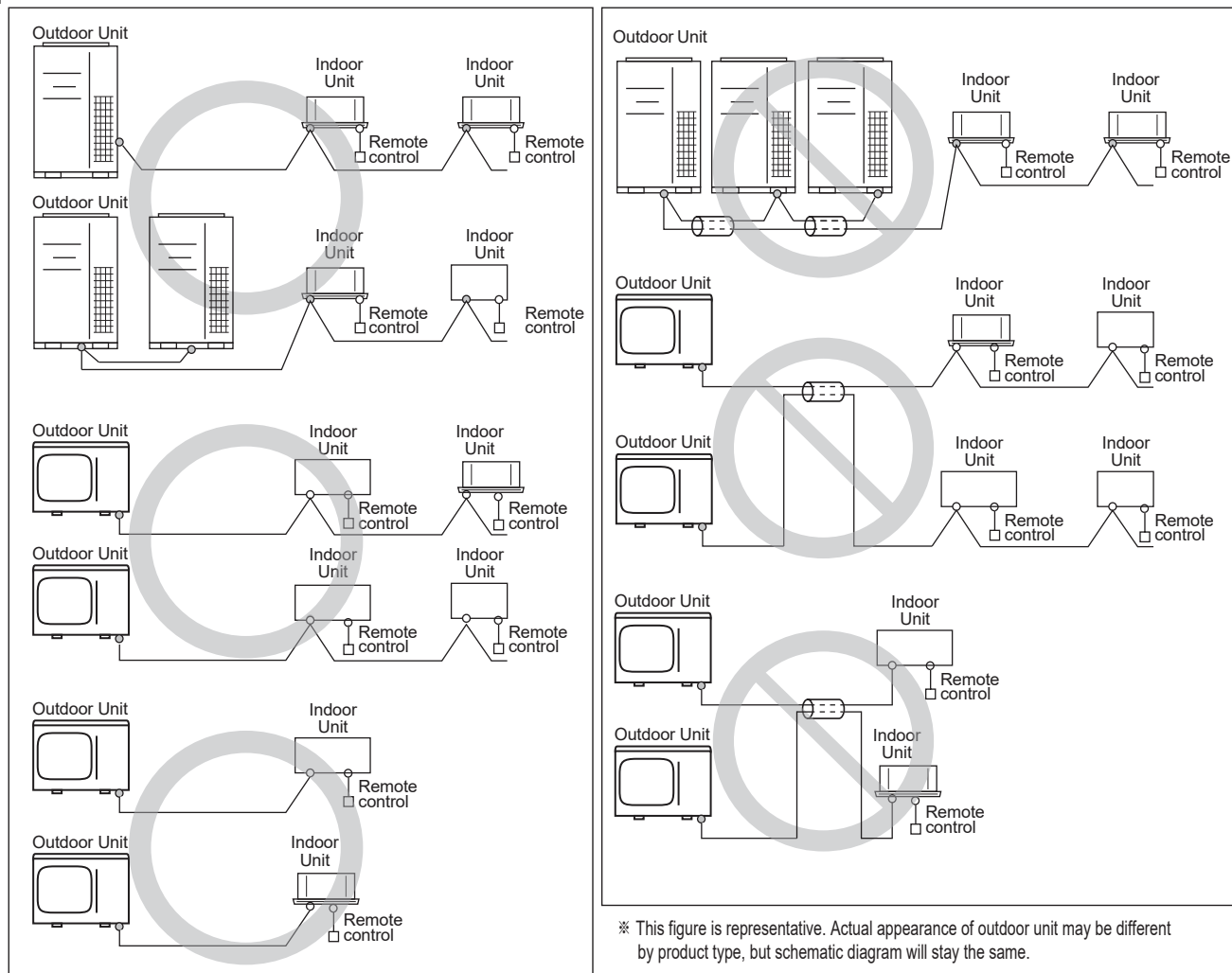
### 4.10 Calculation of amount of refrigerant

- The calculation of the additional charge should take into account the length of pipe and CF(correction Factor) value of indoor units.
- Please refer to the indoor unit's PDB or the outdoor/outside unit's installation manual for the additional refrigerant table of indoor units.

|                        |   |                                                        |   |               |
|------------------------|---|--------------------------------------------------------|---|---------------|
| Additional charge (kg) | = | Total length (m) of Liquid pipe : Ø25.4 mm (1 inch)    | x | 0.480 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø22.2 mm (7/8 inch)  | x | 0.354 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø19.05 mm (3/4 inch) | x | 0.266 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø15.88 mm (5/8 inch) | x | 0.173 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø12.7 mm (1/2 inch)  | x | 0.118 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø9.52 mm (3/8 inch)  | x | 0.061 (kg/m)  |
|                        | + | Total length (m) of Liquid pipe : Ø6.35 mm (1/4 inch)  | x | 0.022 (kg/m)  |
|                        | + | Number of installed HR units(2,3,4 port)               | x | 0.500 (kg/m)* |
|                        | + | Number of installed HR units(6,8 port)                 | x | 1.000 (kg/m)* |
|                        | + | CF value of indoor unit(kg/EA)                         |   |               |

\* : For Heat Recovery System Only

## 5. Electrical Wiring



- Follow ordinance of local regulation for technical standard related to electrical equipment, wiring regulations and guidance of each electric power company.
- Be sure to provide designated grounding work to installed unit.
- Give some allowance to wiring for electrical part box of units, because the box is sometimes removed at the time of service work.
- Only the communication line specified should be connected to the terminal block for unit communication.

### < ! > WARNING

- Be sure to have authorized electrical engineers do the electric work using special circuits in accordance with regulations and installation manual. If power supply circuit has a lack of capacity or electric work deficiency, it may cause an electric shock or fire.
- Be sure to connect the installed unit to earth. Do not connect earth line to any gas pipe, liquid pipe, lightning rod or telephone earth line. If earth is incomplete, it may cause an electric shock.

### < ! > CAUTIONS

- Product which use 3-phase power source have reversed phase protection detector that only works when the power is turned on. If there exists black out or the power goes on and off which the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase may break the compressor and other parts.
- Install the communication line away from the power source wiring so that it is not affected by electric noise from the power source. (Do not run it through the same conduit.) Never use them together with power cables.
- Never use multi-core cable.  
If communication lines of different systems are wired with the same multicore cable, the resultant poor transmitting and receiving will cause erroneous operations.
- The conductive shielding layer of cable should be grounded to the metal part of both units.
- As this unit is equipped with an inverter, to install a phase leading capacitor not only will deteriorate power factor improvement effect, but also may cause capacitor abnormal heating. Therefore, never install a phase leading capacitor.
- Make sure that the power unbalance ratio is not greater than 2%. If it is greater, the unit's lifespan will be reduced.

## 5. Electrical Wiring

- Never connect the main power source to terminal block of communication line.  
If connected, electrical parts will be burnt out.
- Introducing with a missing "N" phase or with a mistaken "N" phase will break the equipment.
- When the power supply is applied to "N" phase by mistake, replace inverter PCB and transformer in control box.

### Communication and Power Lines

- Communication cable
  - Types : shielded cables
  - Use wires of size : over 1.0 ~ 1.5 mm<sup>2</sup>
  - Maximum allowable temperature of cable : over 60°C (140°F)
  - Maximum allowable line length: under 1,000m
- Remote control cable
  - Types : 3-core cable
- Central control cable
  - Please check the model function table for compatibility with central controller.

| Product Type              | Wire Type                | Diameter               |
|---------------------------|--------------------------|------------------------|
| ACP & AC Manager          | 2-core cables (Shielded) | 1.0~1.5mm <sup>2</sup> |
| AC Smart                  | 2-core cables (Shielded) | 1.0~1.5mm <sup>2</sup> |
| Simple central controller | 4-core cables (Shielded) | 1.0~1.5mm <sup>2</sup> |
| AC Ez                     | 4-core cables (Shielded) | 1.0~1.5mm <sup>2</sup> |

- Separation of communication and power lines
  - If communication and power lines are installed alongside each other then there is a strong likelihood of operational faults developing due to interference in the signal wiring caused by electrostatic and electromagnetic coupling.  
The tables below indicates our recommendation as to appropriate spacing of communication and power lines where these are to be run side by side.

| Current capacity of power line |              | Spacing  |
|--------------------------------|--------------|----------|
| 100V or more                   | 10 A         | 300 mm   |
|                                | 50 A         | 500 mm   |
|                                | 100 A        | 1,000 mm |
|                                | Exceed 100 A | 1,500 mm |

- The figures are based on assumed length of parallel cabling up to 100m. For length in excess of 100m the figures will have to be recalculated in direct proportion to the additional length of line involved.
- If the power supply waveform continues to exhibit some distortion the recommended spacing in the table should be increased.
  - ▷ If the lines are laid inside conduits then the following point must also be taken into account when grouping various lines together for introduction into the conduits
  - ▷ Power lines(including power supply to air conditioner) and signal lines must not be laid inside the same
  - ▷ In the same way, when grouping the lines power and signal lines should not be bunched together.

### < ! > CAUTIONS

- If apparatus is not properly earthed then there is always a risk of electric shock, the grounding of the apparatus must be carried out by a qualified person.

## 6. Field Wiring

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### 6.1 General Instruction

#### ■ Wiring of Main Power Supply

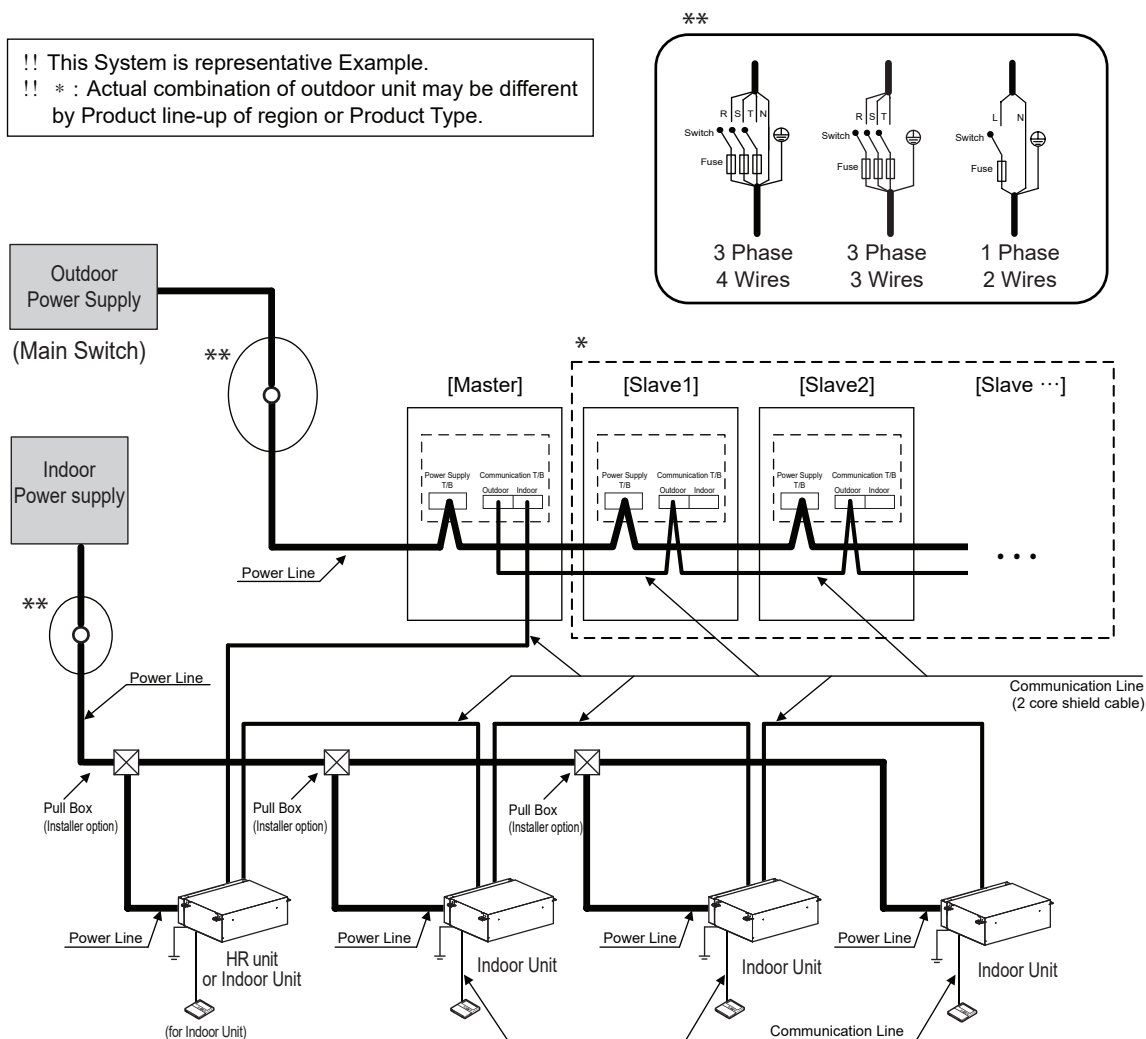
- Bear in mind ambient conditions (ambient temperature, direct sunlight, rain liquid, etc.) when proceeding with the wiring and connections
- The wire size is the minimum value for metal conduit wiring. The power cord size should be 1 rank thicker taking into account the line voltage drops. Make sure the power-supply voltage does not drop more than 10%.
- Specific wiring requirements should adhere to the wiring regulations of the region.
- Power supply cords of parts of appliances for outdoor use should not be lighter than polychloroprene sheathed flexible cord (design 60245 IEC57).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.

#### < ! > **WARNING**

- Make sure to use specified wires for connections so that no external force is imparted to terminal connections.  
If connections are not fixed firmly, it may cause heating or fire.
- Make sure to use the appropriate type of overcurrent protection switch. Note that generated overcurrent may include some amount of direct current.
- All Installation site must require attachment of an earth leakage breaker.  
If no earth leakage breaker is installed, it may cause an electric shock.
- Do not use anything other than breaker and fuse with correct capacity. Using fuse and wire or copper wire with too large capacity may cause a malfunction of unit or fire.

## 6. Field Wiring

### 6.2 Schematic Diagram of Series wiring



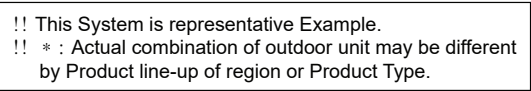
#### ■ Connecting Power and communication cable

- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
- If individual power supply is necessary for each indoor unit, MPM (Multi-tenant Power Module) should be applied at each indoor unit. (Optional Accessory)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.

#### < ! > WARNING

- The First terminal block ampacity must be checked for single source series connection. The ampacity of First terminal block(of Master unit) must be over the total ampacity of connected outdoor units (Master and Slave units,ALL). Otherwise, the First terminal block could be burnt out.

### 6.3 Schematic Diagram of Individual wiring



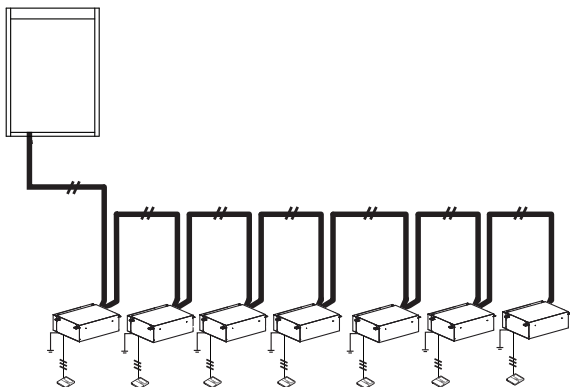
- Indoor Unit ground Lines are required for preventing electrical shock accident during current leakage, communication disorder by noise effect and motor current leakage (without connection to pipe).
- Don't install an individual switch or electrical outlet to disconnect each of indoor unit separately from the power supply.
- If individual power supply is necessary for each indoor unit, MPM (Multi-tenant Power Module) should be applied at each indoor unit. (Optional Accessory)
- Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
- If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.



## 6. Field Wiring

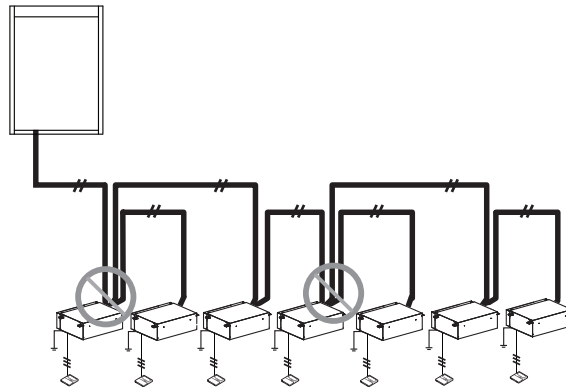
### 6.4 Example Connection of Communication Cable

**BUS Type**



Connection of communication cable must be installed like this figure between indoor unit to outdoor unit.

**STAR Type**



Abnormal operation can be caused by communication defect, when connection of communication cable is installed like below figure.



---

Air Solution

LG Electronics Inc, 128, Yeoui-daero,  
Yeongdeungpo-gu, Seoul, Korea  
(07336)

<http://partner.lge.com>

<http://sedc.lge.com>

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The air conditioners manufactured by LG have received ISO9001 certificate for quality assurance and ISO14001 certificate for environmental management system.  
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